

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087372.D
 Acq On : 21 Jul 2025 12:30
 Operator : JC\MD
 Sample : VN0721WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Semsettin Yesilyurt 07/22/2025

Quant Time: Jul 22 03:05:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.206	168	190787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	328848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	296338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	158557	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	152790	47.198	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.400%		
35) Dibromofluoromethane	8.147	113	114140	50.318	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.640%		
50) Toluene-d8	10.547	98	409499	50.608	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.220%		
62) 4-Bromofluorobenzene	12.829	95	149416	49.981	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.960%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	45407	22.408	ug/l	90
3) Chloromethane	2.383	50	47847	18.776	ug/l	91
4) Vinyl Chloride	2.542	62	48142	19.010	ug/l	92
5) Bromomethane	2.983	94	26007	19.831	ug/l	98
6) Chloroethane	3.136	64	30475	18.453	ug/l	100
7) Trichlorofluoromethane	3.512	101	73764	19.698	ug/l	88
8) Diethyl Ether	3.959	74	25592	17.618	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.359	101	37700	19.612	ug/l	98
10) Methyl Iodide	4.577	142	30353	19.251	ug/l	98
11) Tert butyl alcohol	5.518	59	56647	92.156	ug/l	99
12) 1,1-Dichloroethene	4.330	96	38399	17.628	ug/l	93
13) Acrolein	4.177	56	42955	87.077	ug/l	98
14) Allyl chloride	5.018	41	65923	16.722	ug/l	98
15) Acrylonitrile	5.706	53	148783	89.198	ug/l	99
16) Acetone	4.430	43	126421	83.289	ug/l	99
17) Carbon Disulfide	4.700	76	119923	18.569	ug/l	96
18) Methyl Acetate	5.018	43	69706	18.279	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	144862	18.042	ug/l	99
20) Methylene Chloride	5.265	84	46355	17.652	ug/l	95
21) trans-1,2-Dichloroethene	5.771	96	43844	17.851	ug/l	86
22) Diisopropyl ether	6.659	45	157443	19.040	ug/l #	95
23) Vinyl Acetate	6.589	43	712495	98.517	ug/l	99
24) 1,1-Dichloroethane	6.547	63	86682	18.170	ug/l	97
25) 2-Butanone	7.471	43	206854	88.202	ug/l	99
26) 2,2-Dichloropropane	7.471	77	75365	20.319	ug/l	98
27) cis-1,2-Dichloroethene	7.471	96	52133	18.436	ug/l	96
28) Bromochloromethane	7.800	49	42566	18.643	ug/l	99
29) Tetrahydrofuran	7.830	42	136575	89.644	ug/l	96
30) Chloroform	7.947	83	87803	18.388	ug/l	99
31) Cyclohexane	8.235	56	78716	19.779	ug/l	98
32) 1,1,1-Trichloroethane	8.153	97	78287	18.929	ug/l	93
36) 1,1-Dichloropropene	8.353	75	59988	20.016	ug/l	99
37) Ethyl Acetate	7.547	43	77704	17.953	ug/l	98
38) Carbon Tetrachloride	8.347	117	65528	19.849	ug/l	99
39) Methylcyclohexane	9.582	83	67946	20.941	ug/l	96
40) Benzene	8.588	78	185496	19.151	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
 Data File : VN087372.D
 Acq On : 21 Jul 2025 12:30
 Operator : JC\MD
 Sample : VN0721WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025

Quant Time: Jul 22 03:05:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	40867	18.057	ug/l	95
42) 1,2-Dichloroethane	8.653	62	69079	18.806	ug/l	99
43) Isopropyl Acetate	8.671	43	127752	19.014	ug/l	99
44) Trichloroethene	9.335	130	43070	18.818	ug/l	96
45) 1,2-Dichloropropane	9.606	63	47601	19.341	ug/l	100
46) Dibromomethane	9.694	93	34895	18.937	ug/l	99
47) Bromodichloromethane	9.865	83	69620	18.757	ug/l	98
48) Methyl methacrylate	9.665	41	57104	18.878	ug/l	99
49) 1,4-Dioxane	9.688	88	16301	351.858	ug/l #	93
51) 4-Methyl-2-Pentanone	10.429	43	399338	93.970	ug/l	99
52) Toluene	10.612	92	114736	19.488	ug/l	97
53) t-1,3-Dichloropropene	10.818	75	70010	18.637	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	75349	19.419	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	46825	19.645	ug/l	88
56) Ethyl methacrylate	10.859	69	69998	18.249	ug/l	95
57) 1,3-Dichloropropane	11.147	76	78181	18.971	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.141	63	202470	103.552	ug/l	100
59) 2-Hexanone	11.176	43	264149	93.688	ug/l	99
60) Dibromochloromethane	11.341	129	49899	18.357	ug/l	100
61) 1,2-Dibromoethane	11.447	107	47255	18.856	ug/l	95
64) Tetrachloroethene	11.082	164	36839	19.315	ug/l	95
65) Chlorobenzene	11.871	112	123556	18.571	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.941	131	43600	19.273	ug/l	100
67) Ethyl Benzene	11.941	91	204755	18.695	ug/l	100
68) m/p-Xylenes	12.047	106	159328	38.848	ug/l	100
69) o-Xylene	12.382	106	73560	18.777	ug/l	97
70) Styrene	12.394	104	127855	19.400	ug/l	99
71) Bromoform	12.559	173	34274	18.753	ug/l #	96
73) Isopropylbenzene	12.676	105	192540	19.294	ug/l	100
74) N-amyl acetate	12.518	43	83031m	20.026	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	71491	19.039	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	62574m	17.599	ug/l	
77) Bromobenzene	12.959	156	48290	18.659	ug/l	98
78) n-propylbenzene	13.018	91	243308	19.379	ug/l	100
79) 2-Chlorotoluene	13.106	91	143207	18.559	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	162843	19.152	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.718	75	22418	17.252	ug/l	98
82) 4-Chlorotoluene	13.206	91	148212	18.449	ug/l	98
83) tert-Butylbenzene	13.418	119	138461	19.498	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	172373	19.852	ug/l	98
85) sec-Butylbenzene	13.594	105	212425	19.859	ug/l	100
86) p-Isopropyltoluene	13.706	119	175039	20.419	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	98015	19.297	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	99611	18.362	ug/l	98
89) n-Butylbenzene	14.035	91	168514	20.587	ug/l	99
90) Hexachloroethane	14.312	117	35162	19.360	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	94601	19.659	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.700	75	16412	16.647	ug/l	98
93) 1,2,4-Trichlorobenzene	15.370	180	52419	18.545	ug/l	99
94) Hexachlorobutadiene	15.476	225	24088	22.935	ug/l	99
95) Naphthalene	15.617	128	172523	17.229	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	52053	18.358	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072125\
Data File : VN087372.D
Acq On : 21 Jul 2025 12:30
Operator : JC\MD
Sample : VN0721WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

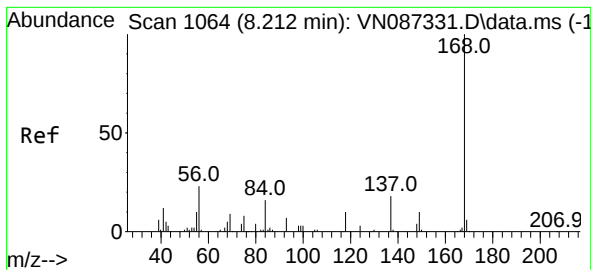
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

Quant Time: Jul 22 03:05:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

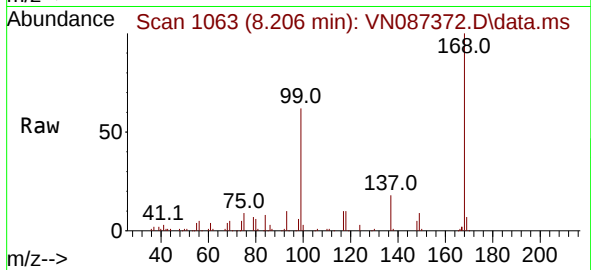
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

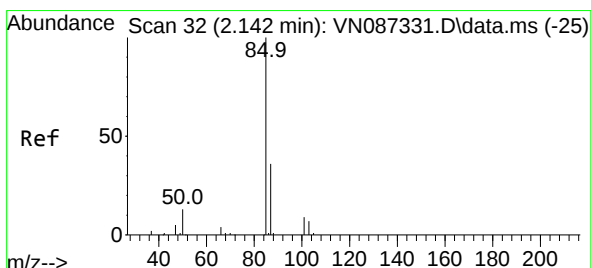
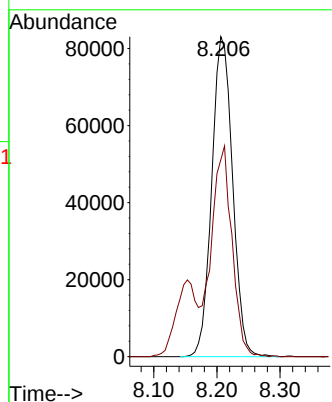
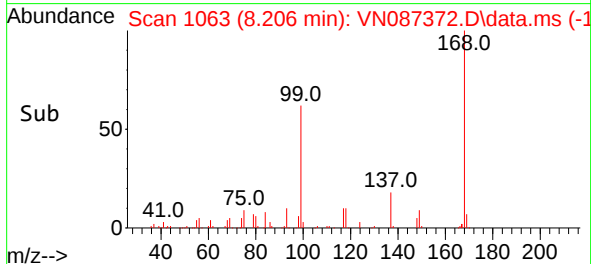
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion:168 Resp: 19078
Ion Ratio Lower Upper
168 100
99 61.5 47.9 71.9

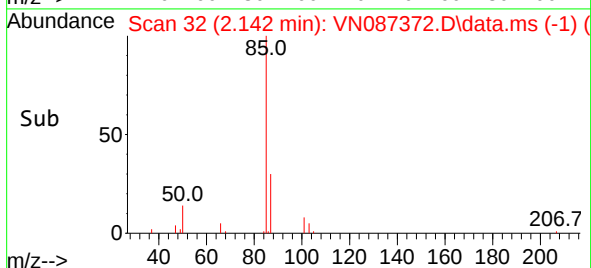
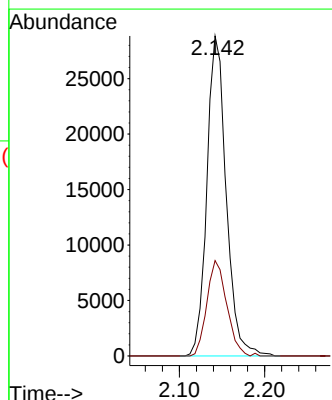
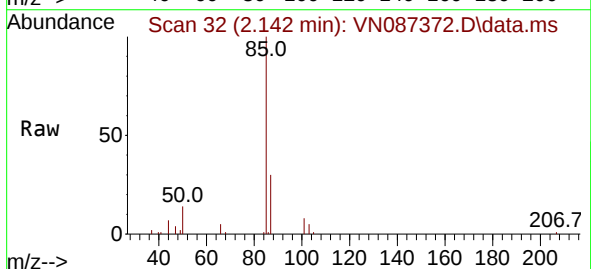
Manual Integrations
APPROVED

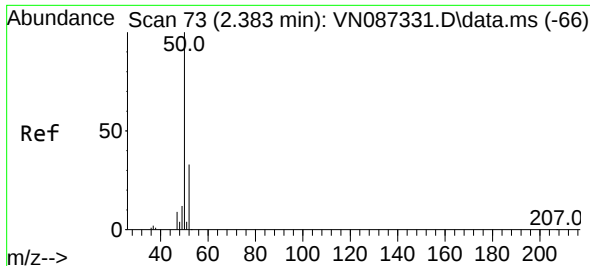
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#2
Dichlorodifluoromethane
Concen: 22.408 ug/l
RT: 2.142 min Scan# 32
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

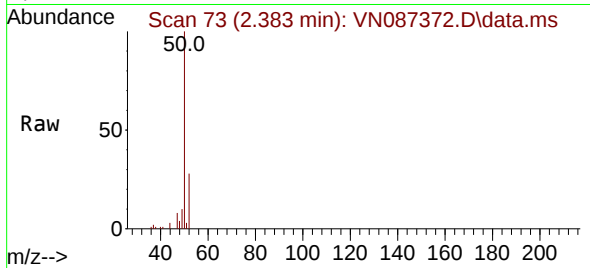
Tgt Ion: 85 Resp: 45407
Ion Ratio Lower Upper
85 100
87 29.8 17.8 53.3





#3
Chloromethane
Concen: 18.776 ug/l
RT: 2.383 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

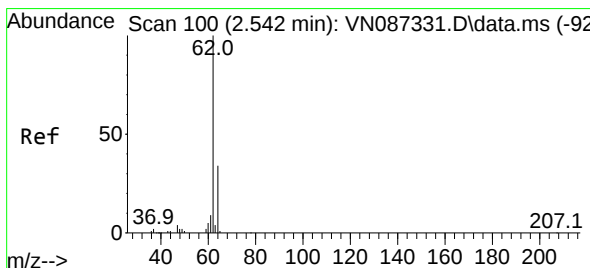
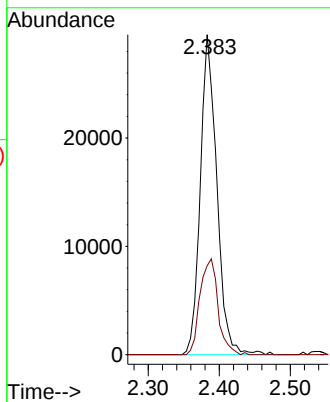
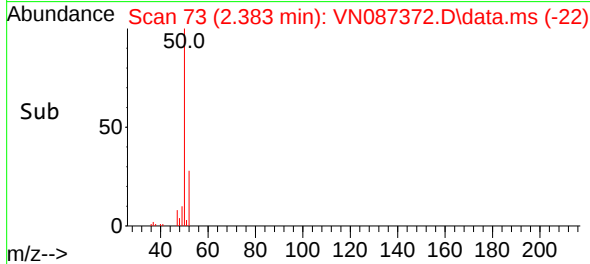
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



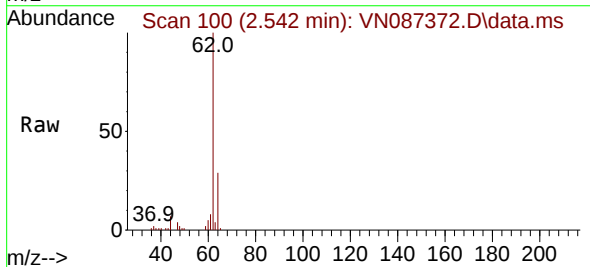
Tgt Ion: 50 Resp: 4784
Ion Ratio Lower Upper
50 100
52 27.8 26.3 39.5

Manual Integrations
APPROVED

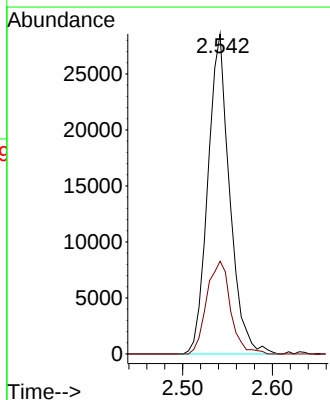
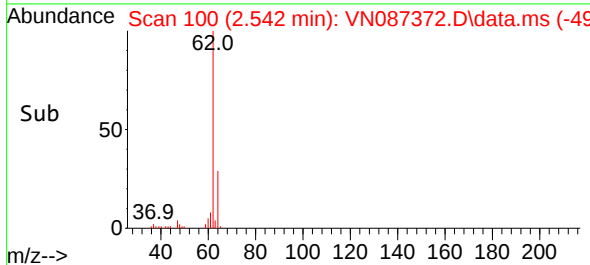
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

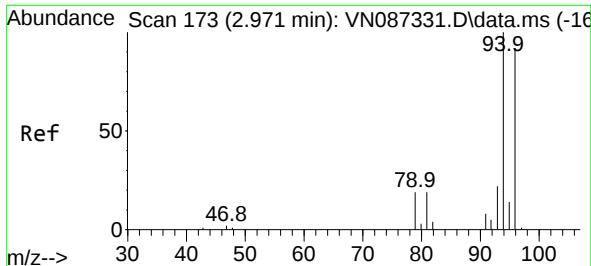


#4
Vinyl Chloride
Concen: 19.010 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



Tgt Ion: 62 Resp: 48142
Ion Ratio Lower Upper
62 100
64 29.0 27.0 40.6





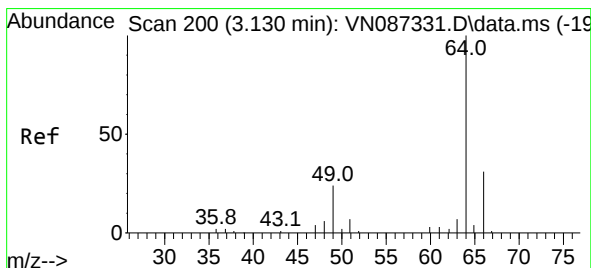
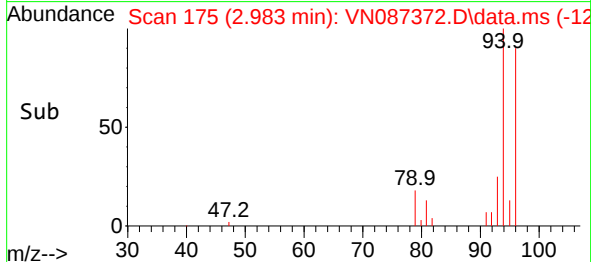
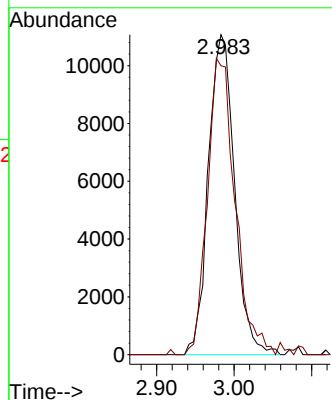
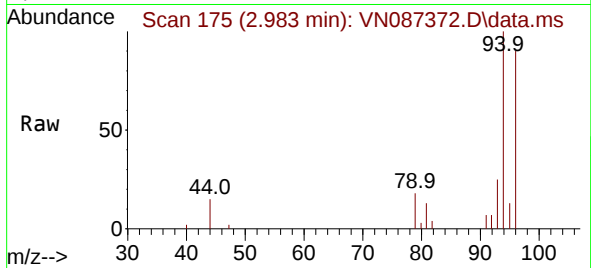
#5
Bromomethane
Concen: 19.831 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tgt Ion: 94 Resp: 2600
Ion Ratio Lower Upper
94 100
96 90.3 73.4 110.2

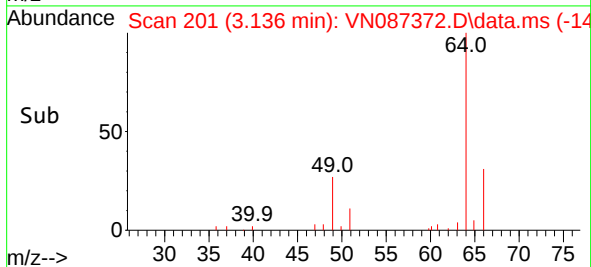
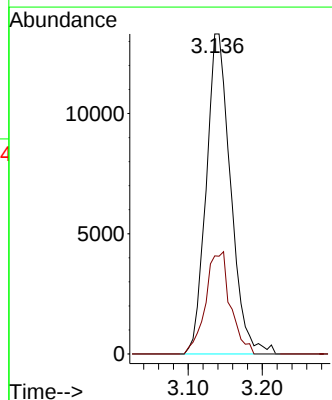
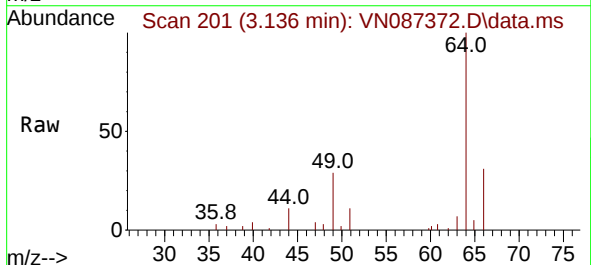
Manual Integrations
APPROVED

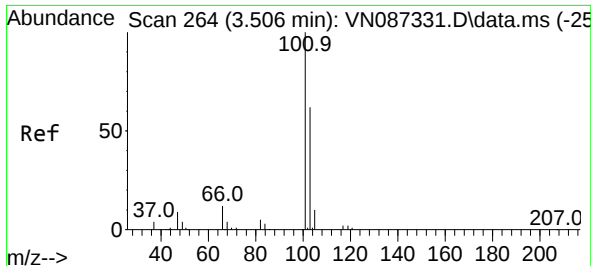
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#6
Chloroethane
Concen: 18.453 ug/l
RT: 3.136 min Scan# 201
Delta R.T. 0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

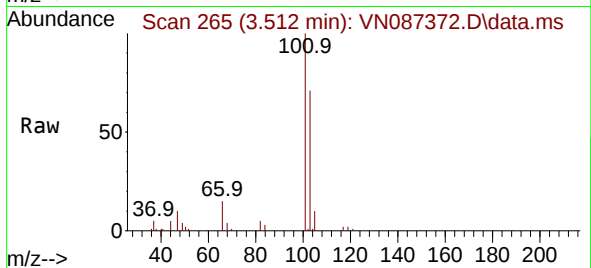
Tgt Ion: 64 Resp: 30475
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8





#7
Trichlorofluoromethane
Concen: 19.698 ug/l
RT: 3.512 min Scan# 265
Delta R.T. 0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

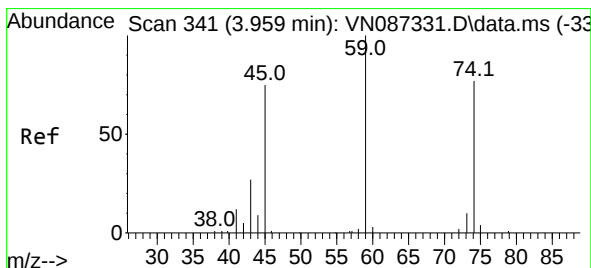
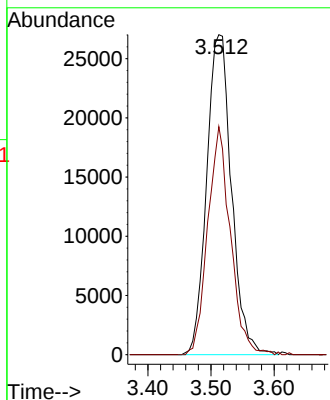
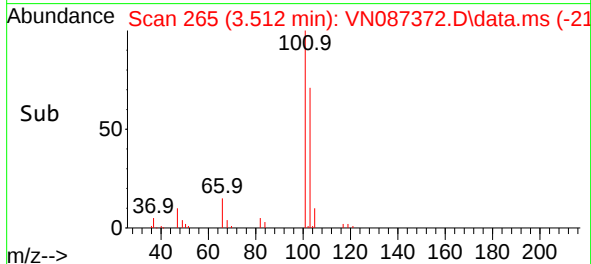
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion:101 Resp: 73764
Ion Ratio Lower Upper
101 100
103 71.3 49.8 74.6

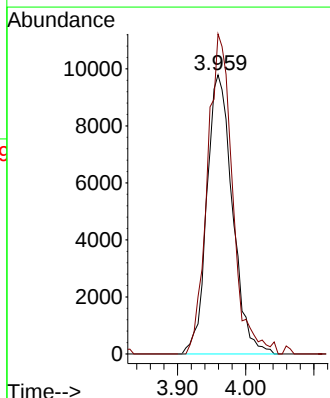
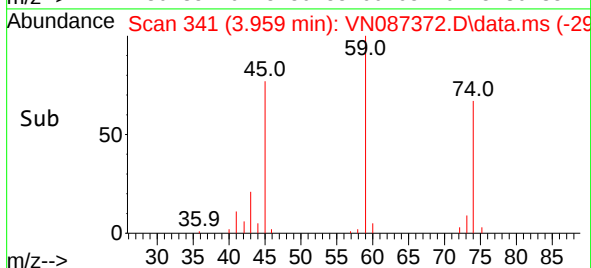
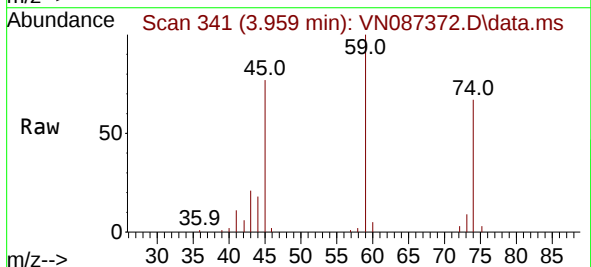
Manual Integrations
APPROVED

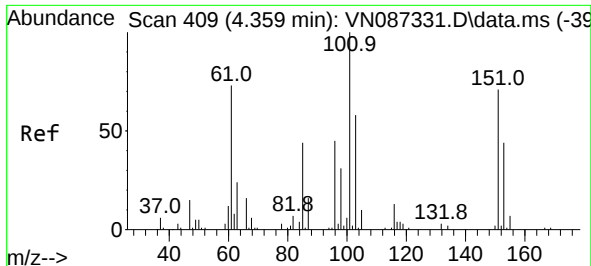
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#8
Diethyl Ether
Concen: 17.618 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

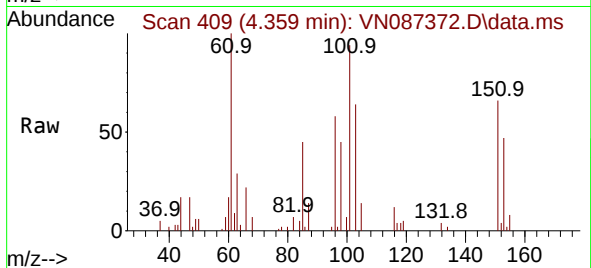
Tgt Ion: 74 Resp: 25592
Ion Ratio Lower Upper
74 100
45 112.5 50.8 152.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.612 ug/l
RT: 4.359 min Scan# 409
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

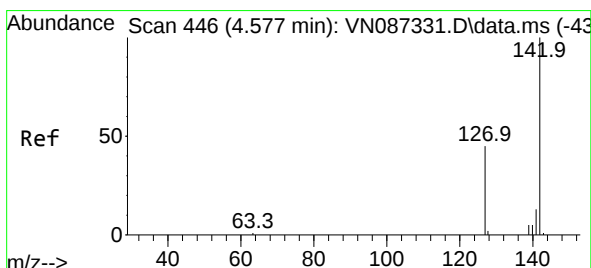
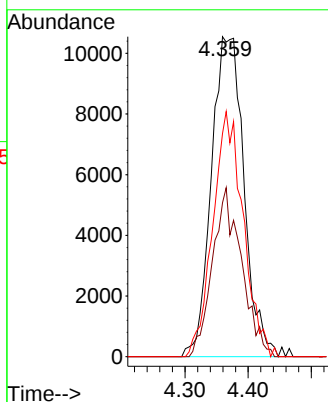
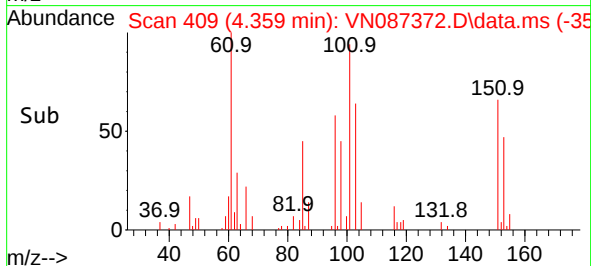
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



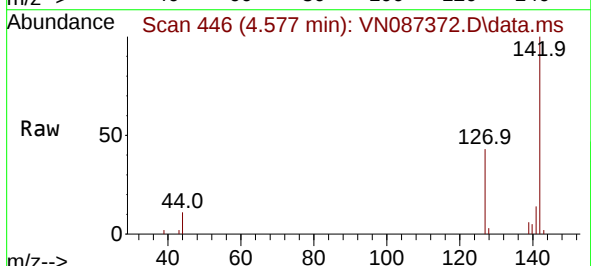
Tgt Ion:101 Resp: 37700
Ion Ratio Lower Upper
101 100
85 47.3 37.3 55.9
151 71.9 58.9 88.3

Manual Integrations
APPROVED

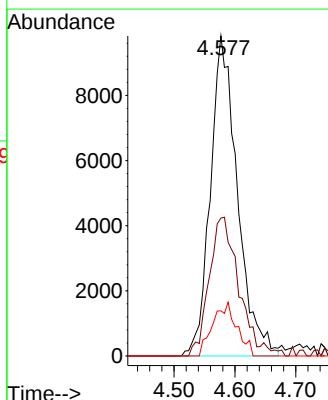
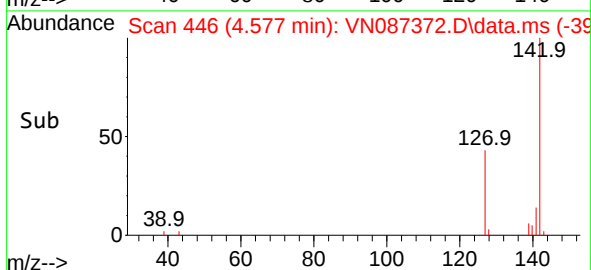
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

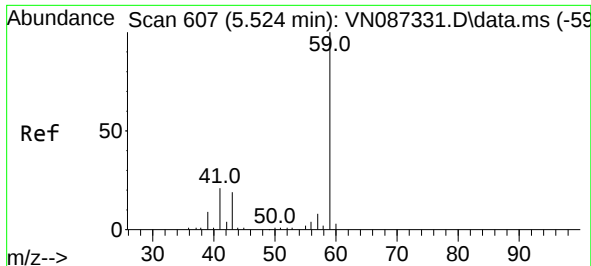


#10
Methyl Iodide
Concen: 19.251 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



Tgt Ion:142 Resp: 30353
Ion Ratio Lower Upper
142 100
127 43.1 35.7 53.5
141 14.1 10.4 15.6





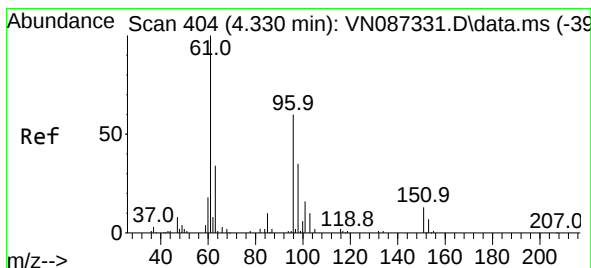
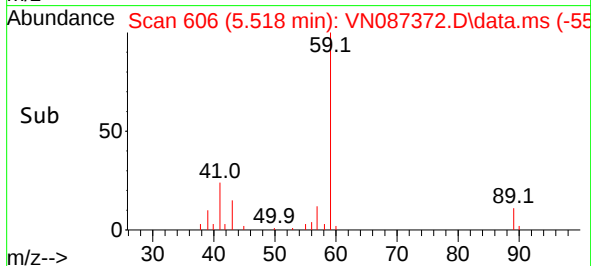
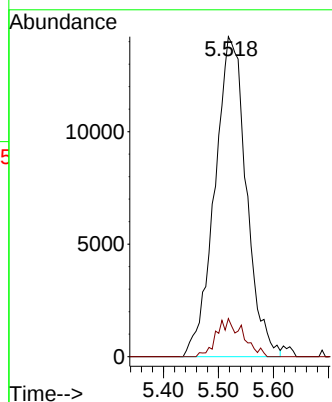
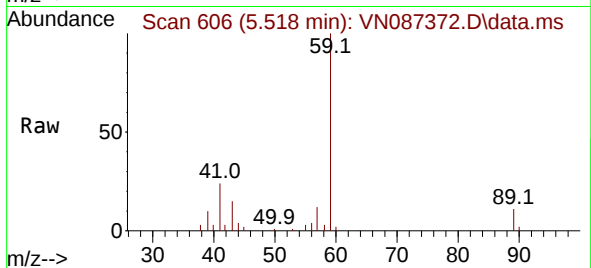
#11
Tert butyl alcohol
Concen: 92.156 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tgt Ion: 59 Resp: 5664
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

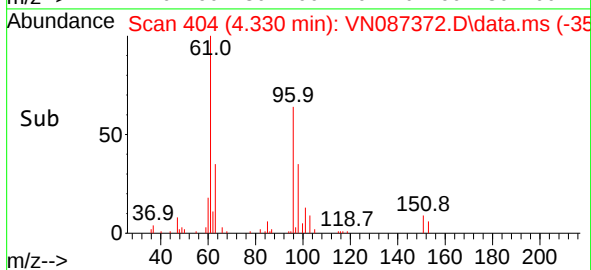
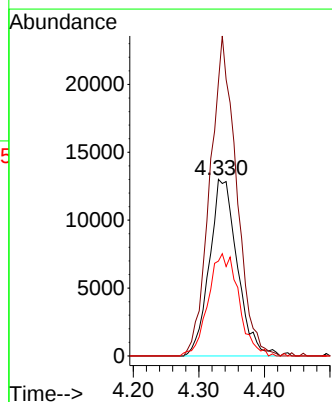
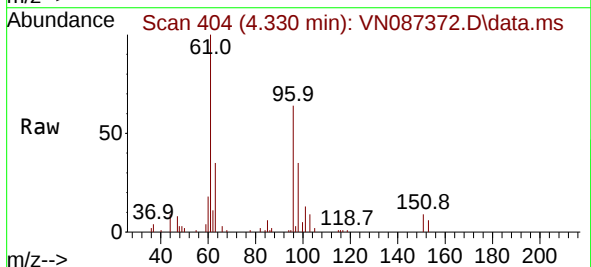
Manual Integrations
APPROVED

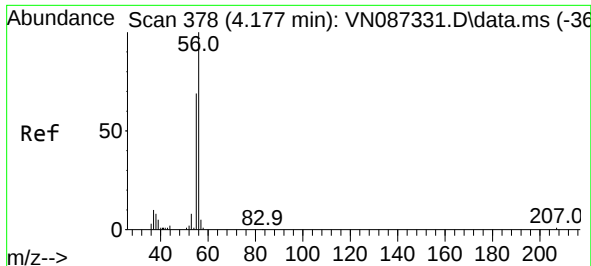
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#12
1,1-Dichloroethene
Concen: 17.628 ug/l
RT: 4.330 min Scan# 404
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

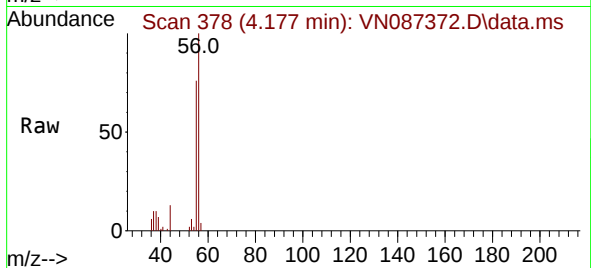
Tgt Ion: 96 Resp: 38399
Ion Ratio Lower Upper
96 100
61 155.2 132.3 198.5
98 53.7 46.8 70.2





#13
Acrolein
Concen: 87.077 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

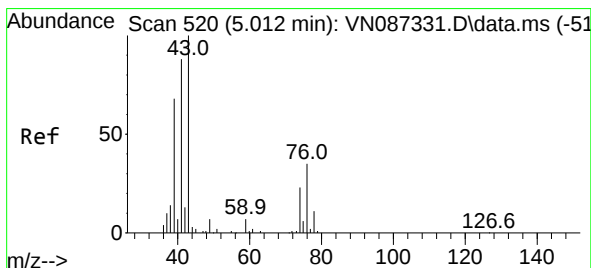
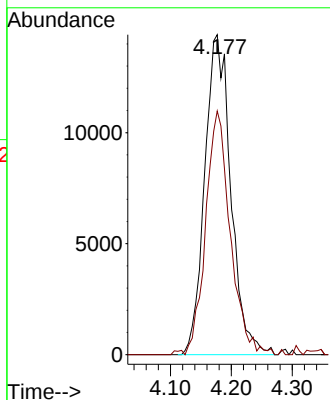
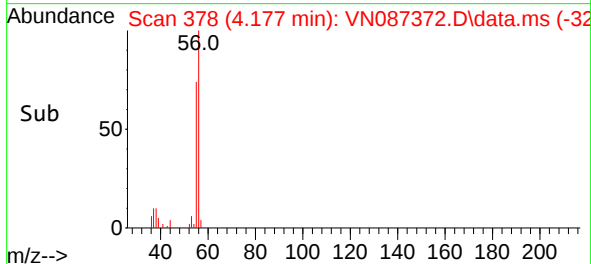
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 56 Resp: 4295
Ion Ratio Lower Upper
56 100
55 72.0 56.2 84.4

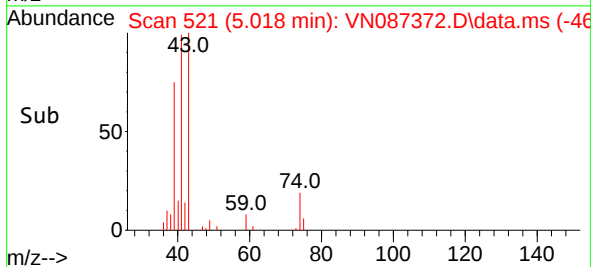
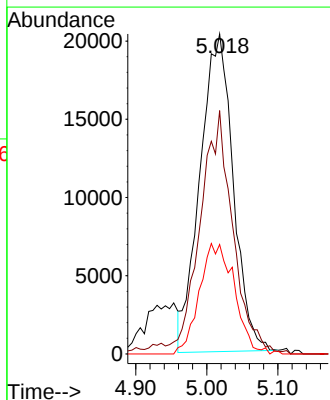
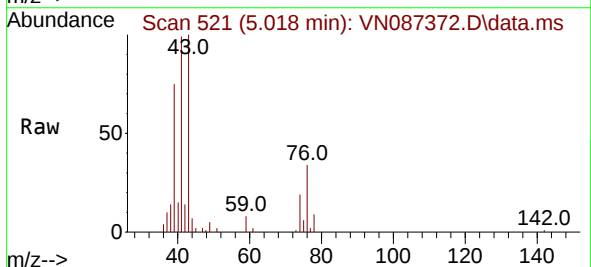
Manual Integrations
APPROVED

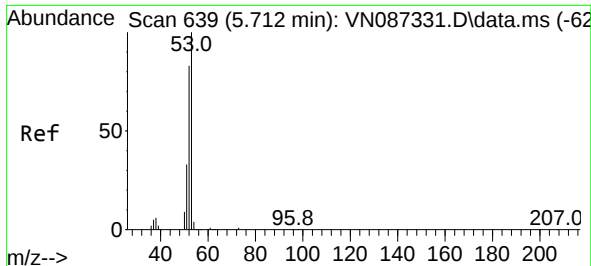
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#14
Allyl chloride
Concen: 16.722 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

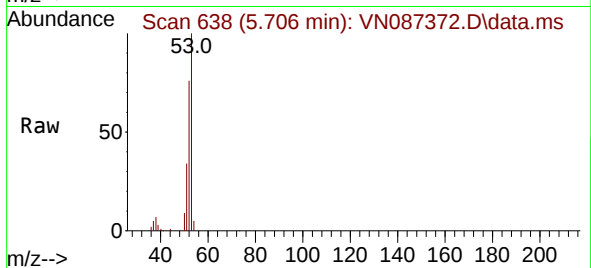
Tgt Ion: 41 Resp: 65923
Ion Ratio Lower Upper
41 100
39 75.4 59.0 88.6
76 36.7 28.7 43.1





#15
Acrylonitrile
Concen: 89.198 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

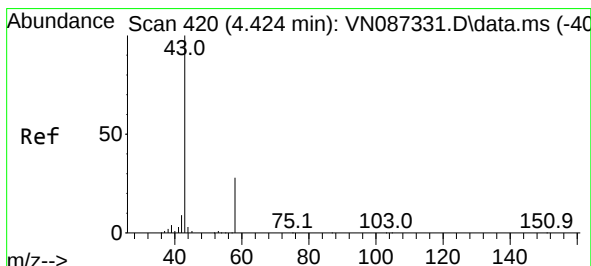
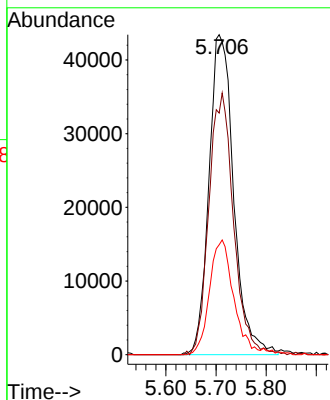
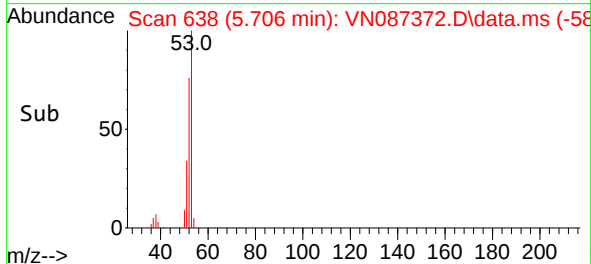
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 53 Resp: 14878
Ion Ratio Lower Upper
53 100
52 81.5 65.5 98.3
51 35.0 28.7 43.1

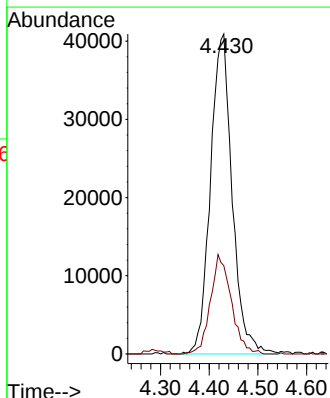
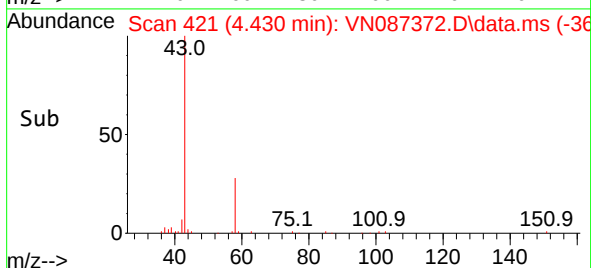
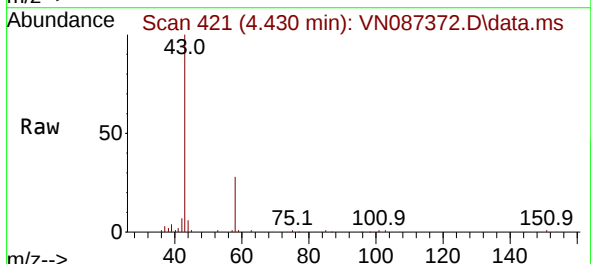
Manual Integrations
APPROVED

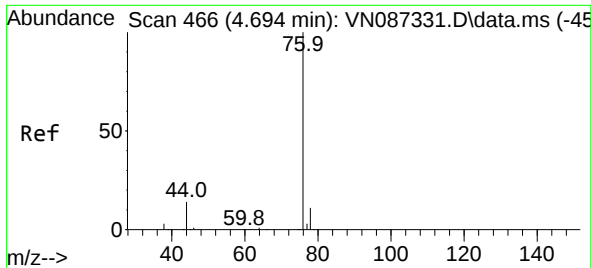
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#16
Acetone
Concen: 83.289 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Tgt Ion: 43 Resp: 126421
Ion Ratio Lower Upper
43 100
58 27.6 22.3 33.5





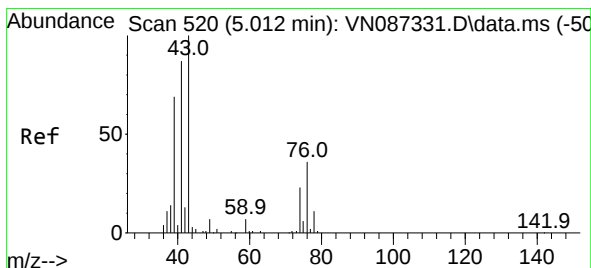
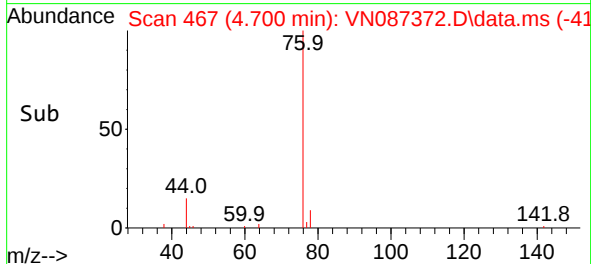
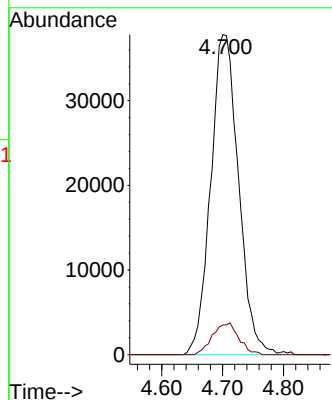
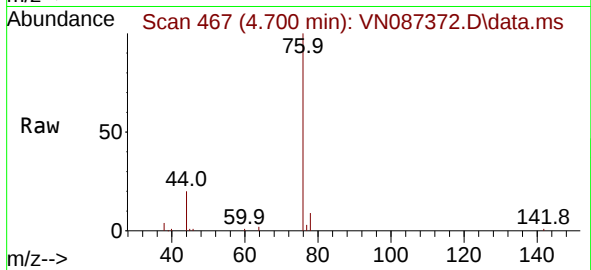
#17
Carbon Disulfide
Concen: 18.569 ug/l
RT: 4.700 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tgt Ion: 76 Resp: 11992
Ion Ratio Lower Upper
76 100
78 9.3 8.6 13.0

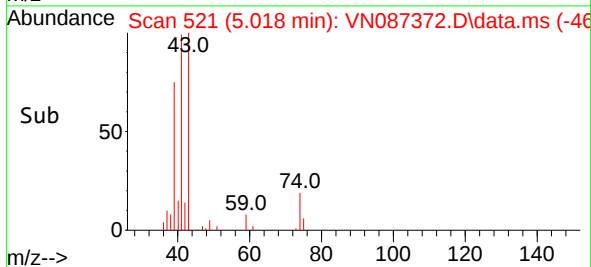
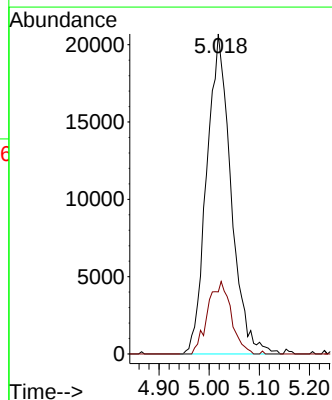
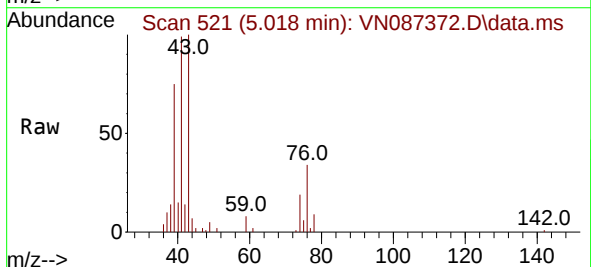
Manual Integrations
APPROVED

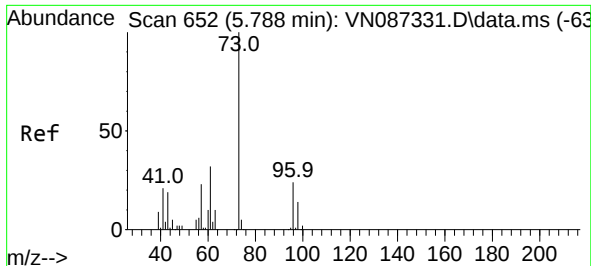
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#18
Methyl Acetate
Concen: 18.279 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

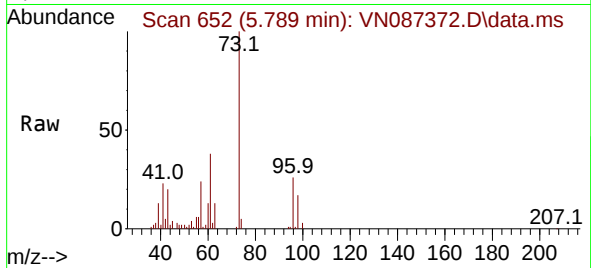
Tgt Ion: 43 Resp: 69706
Ion Ratio Lower Upper
43 100
74 21.8 17.8 26.6





#19
Methyl tert-butyl Ether
Concen: 18.042 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

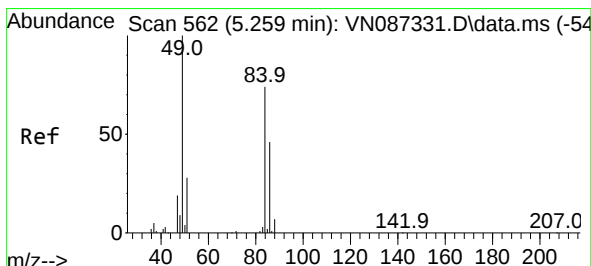
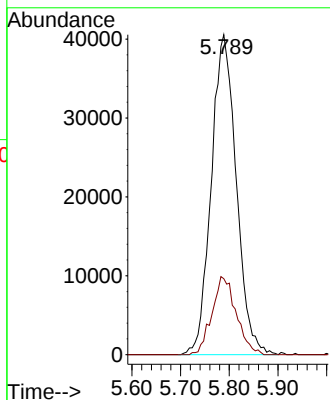
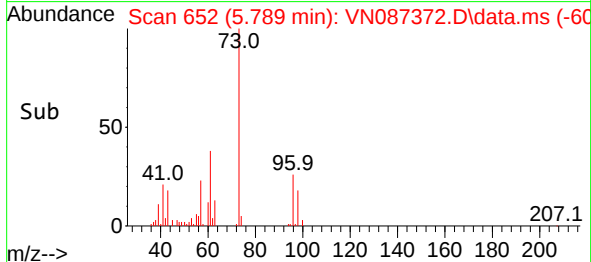
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 73 Resp: 144862
Ion Ratio Lower Upper
73 100
57 23.7 18.6 27.8

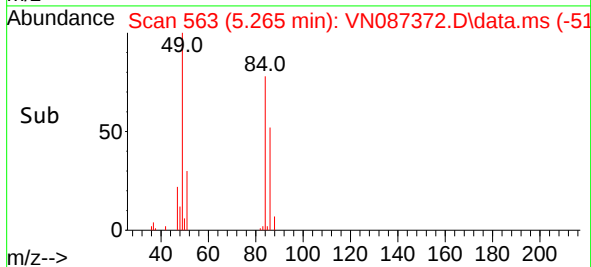
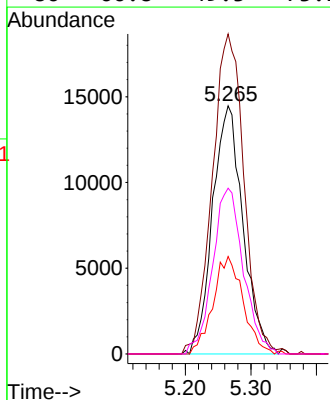
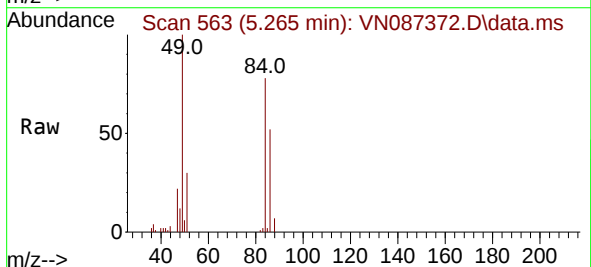
Manual Integrations
APPROVED

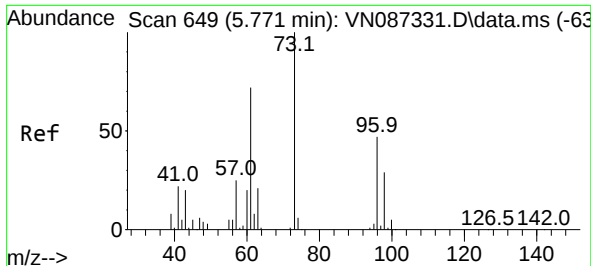
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#20
Methylene Chloride
Concen: 17.652 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

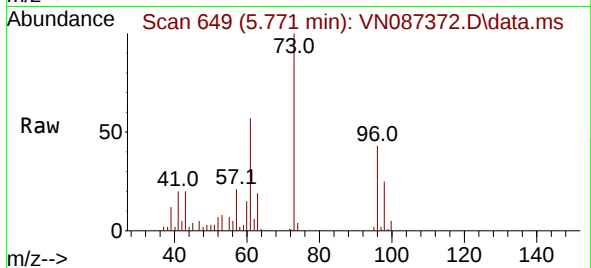
Tgt Ion: 84 Resp: 46355
Ion Ratio Lower Upper
84 100
49 129.0 107.5 161.3
51 39.3 30.2 45.2
86 66.8 49.3 73.9





#21
trans-1,2-Dichloroethene
Concen: 17.851 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

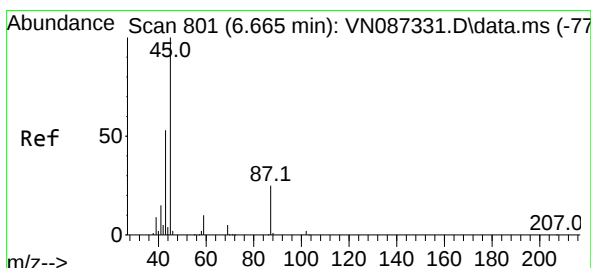
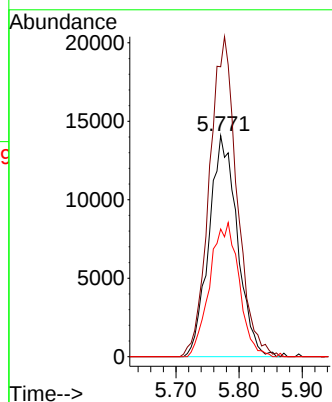
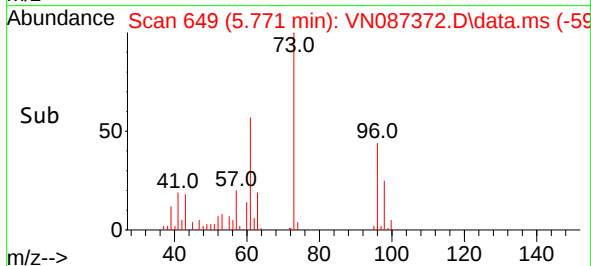
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



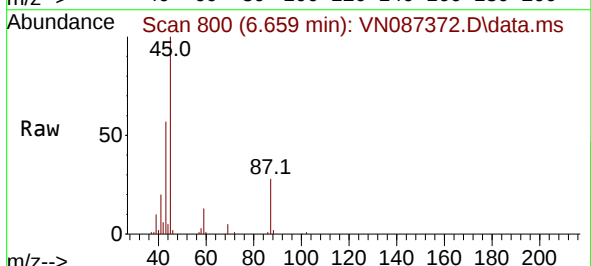
Tgt Ion: 96 Resp: 43844
Ion Ratio Lower Upper
96 100
61 131.2 122.0 183.0
98 57.8 50.0 75.0

Manual Integrations
APPROVED

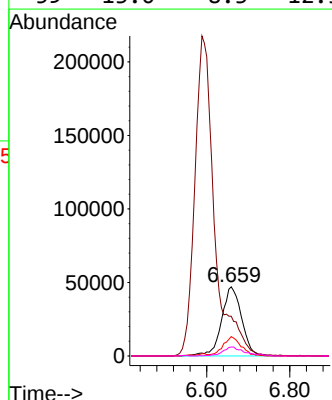
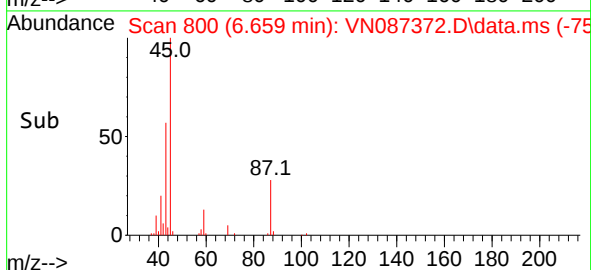
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

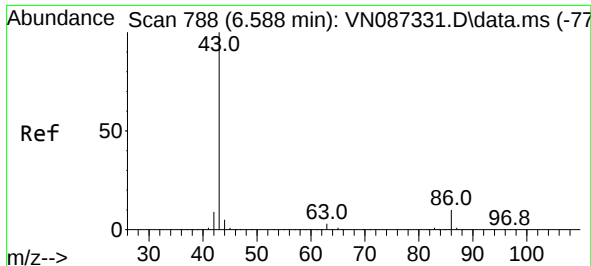


#22
Diisopropyl ether
Concen: 19.040 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



Tgt Ion: 45 Resp: 157443
Ion Ratio Lower Upper
45 100
43 56.0 42.8 64.2
87 28.0 19.8 29.6
59 13.0 8.3 12.5#





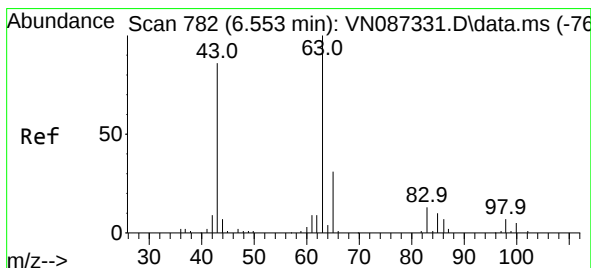
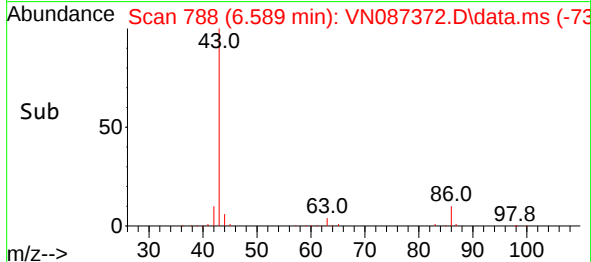
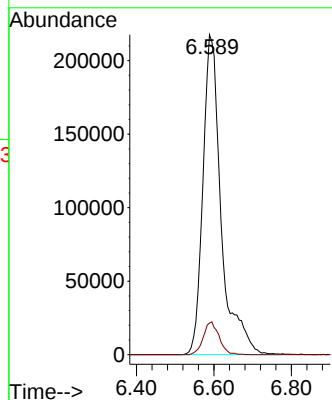
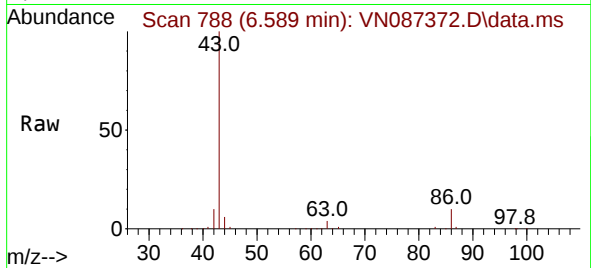
#23
 Vinyl Acetate
 Concen: 98.517 ug/l
 RT: 6.589 min Scan# 71249
 Delta R.T. 0.001 min
 Lab File: VN087372.D
 Acq: 21 Jul 2025 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Tgt Ion: 43 Resp: 71249
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.7 11.5

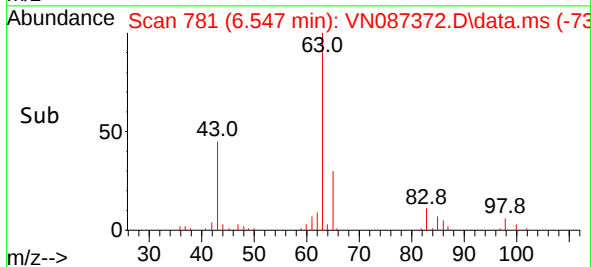
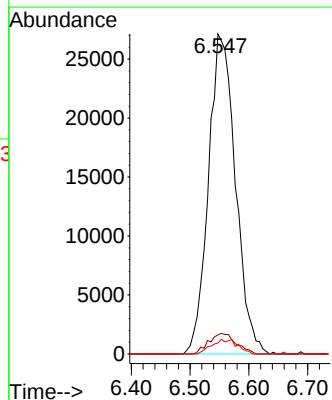
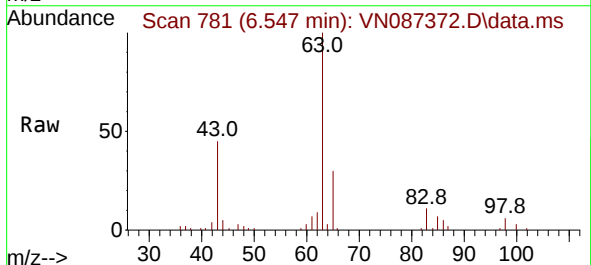
Manual Integrations
 APPROVED

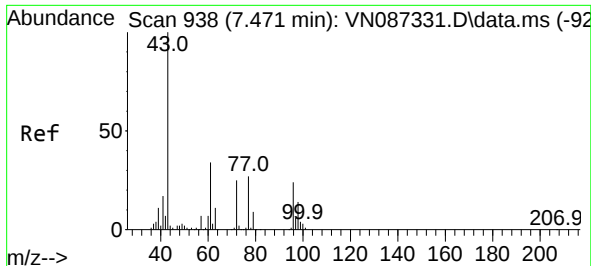
Reviewed By :John Carlone 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025



#24
 1,1-Dichloroethane
 Concen: 18.170 ug/l
 RT: 6.547 min Scan# 781
 Delta R.T. -0.006 min
 Lab File: VN087372.D
 Acq: 21 Jul 2025 12:30

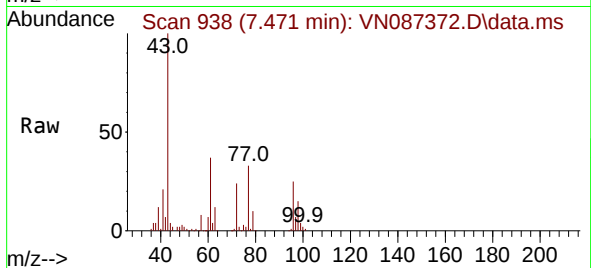
Tgt Ion: 63 Resp: 86682
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.4 2.5 7.4





#25
2-Butanone
Concen: 88.202 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

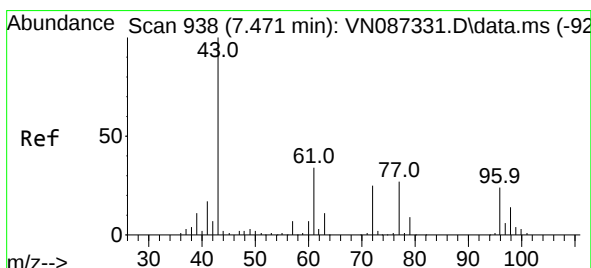
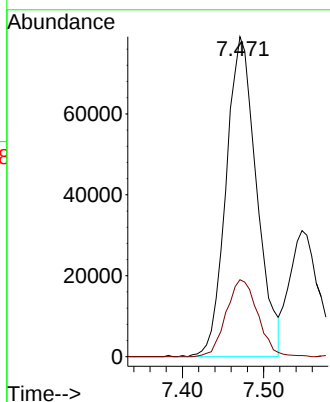
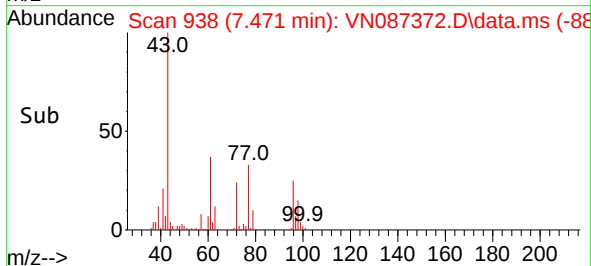
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 43 Resp: 206854
Ion Ratio Lower Upper
43 100
72 24.1 19.6 29.4

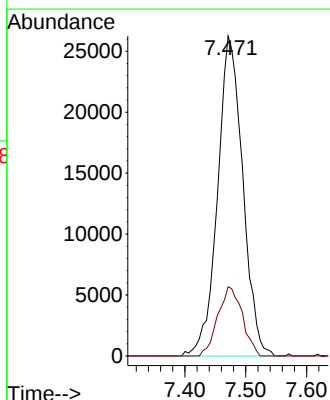
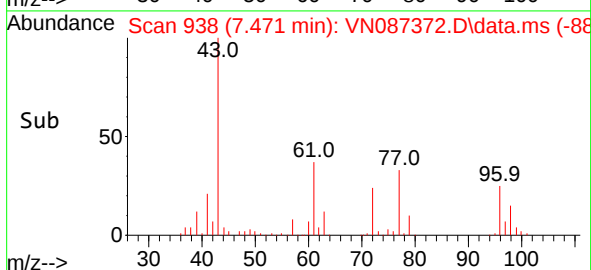
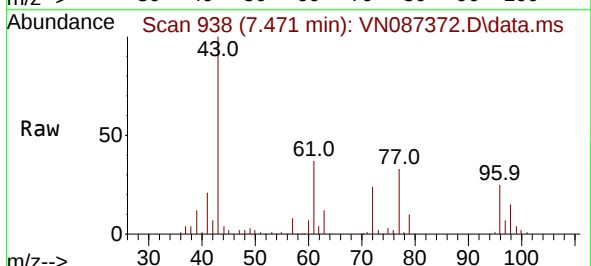
Manual Integrations
APPROVED

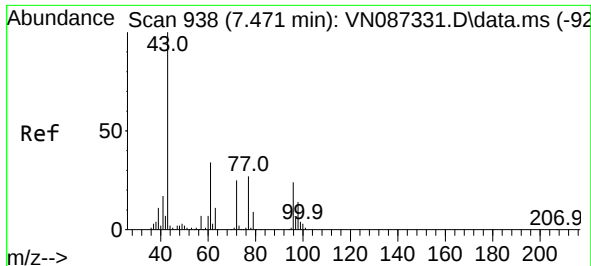
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#26
2,2-Dichloropropane
Concen: 20.319 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

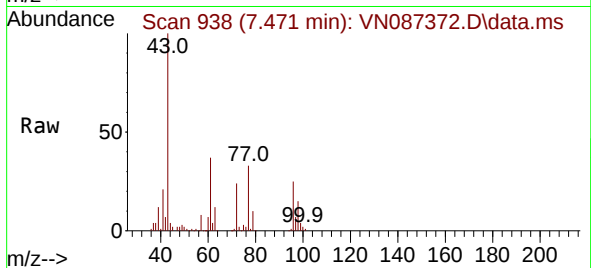
Tgt Ion: 77 Resp: 75365
Ion Ratio Lower Upper
77 100
97 21.0 11.1 33.1





#27
cis-1,2-Dichloroethene
Concen: 18.436 ug/l
RT: 7.471 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

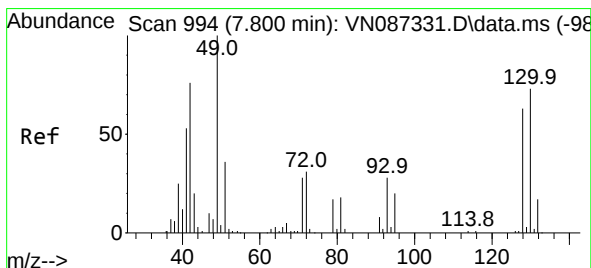
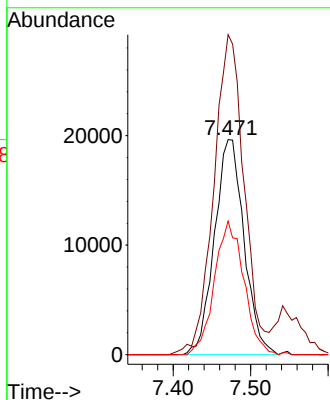
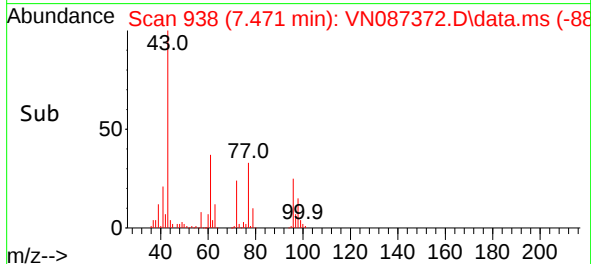
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 96 Resp: 5213
Ion Ratio Lower Upper
96 100
61 152.8 0.0 297.8
98 61.7 0.0 132.4

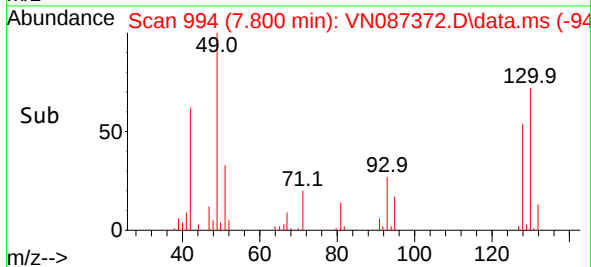
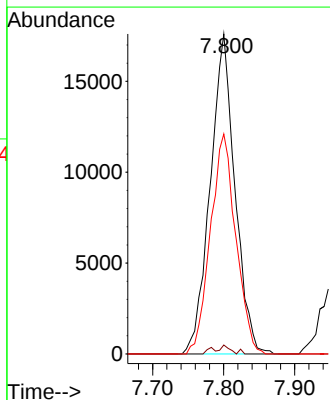
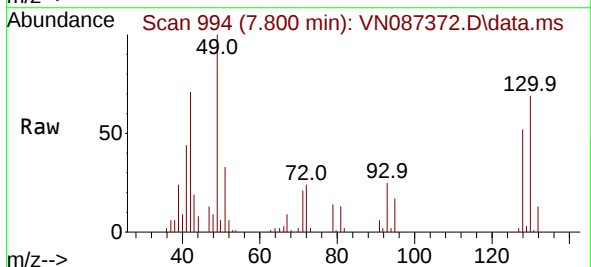
Manual Integrations
APPROVED

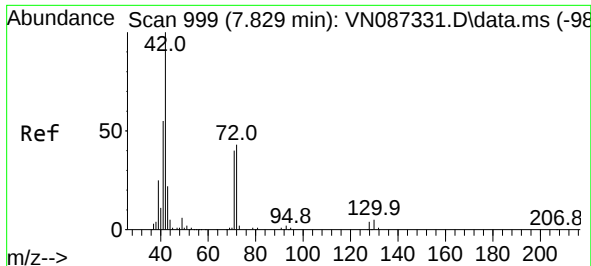
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#28
Bromochloromethane
Concen: 18.643 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Tgt Ion: 49 Resp: 42566
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.2
130 70.6 57.3 85.9





#29

Tetrahydrofuran

Concen: 89.644 ug/l

RT: 7.830 min Scan# 94

Delta R.T. 0.000 min

Lab File: VN087372.D

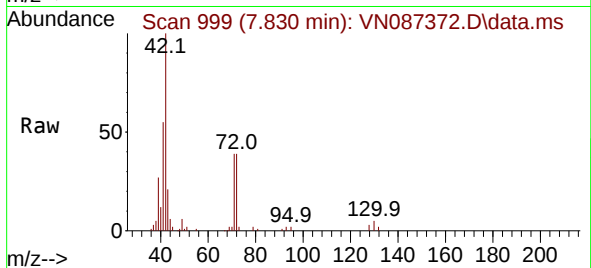
Acq: 21 Jul 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

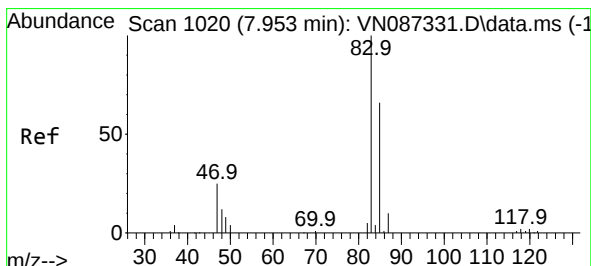
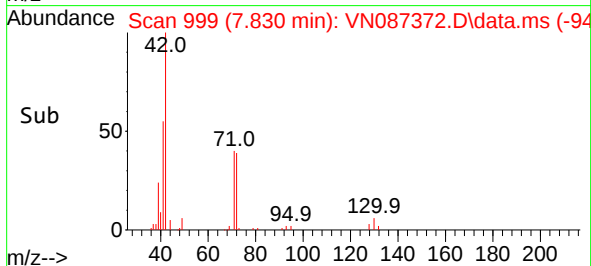
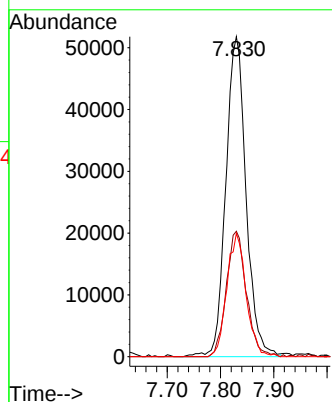
VN0721WBSD01



Tgt Ion:	42	Resp:	13657
Ion Ratio	100	Lower	Upper
42	100		
72	38.8	33.4	50.0
71	36.8	31.2	46.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#30

Chloroform

Concen: 18.388 ug/l

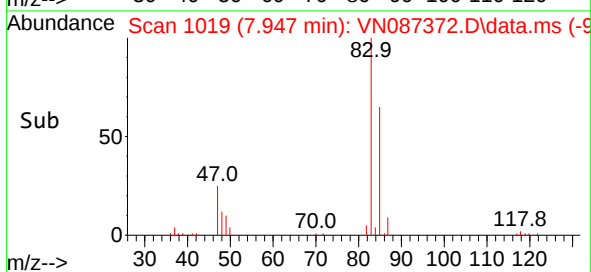
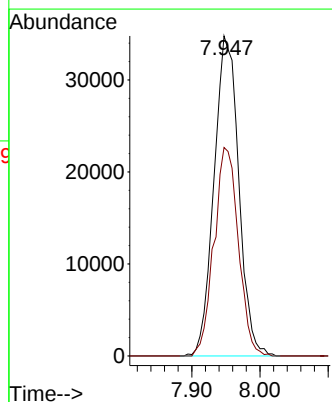
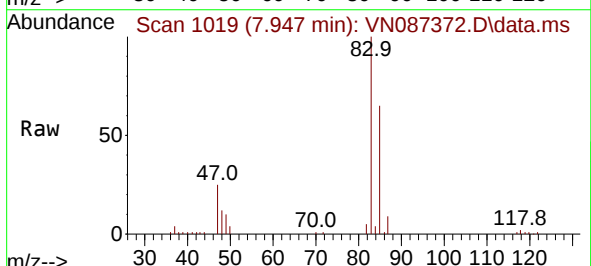
RT: 7.947 min Scan# 1019

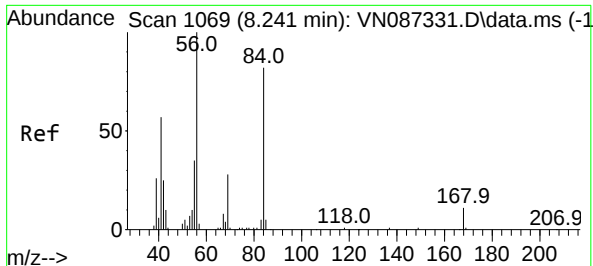
Delta R.T. -0.006 min

Lab File: VN087372.D

Acq: 21 Jul 2025 12:30

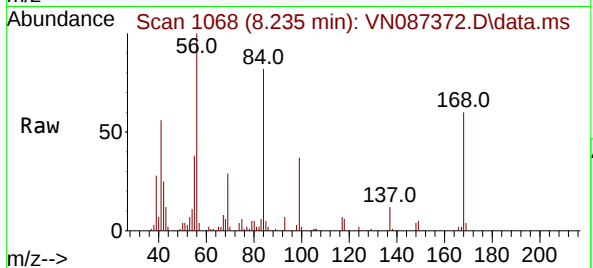
Tgt Ion:	83	Resp:	87803
Ion Ratio	100	Lower	Upper
83	100		
85	65.2	52.7	79.1





#31
Cyclohexane
Concen: 19.779 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

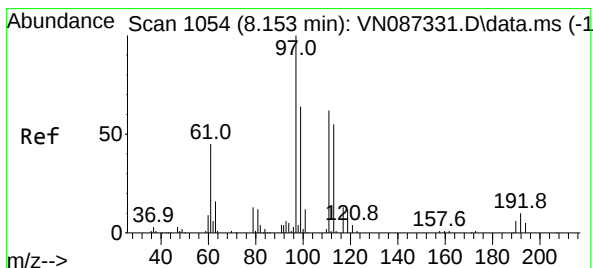
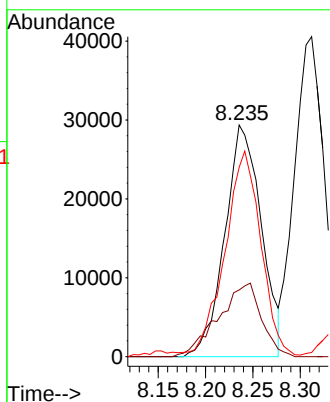
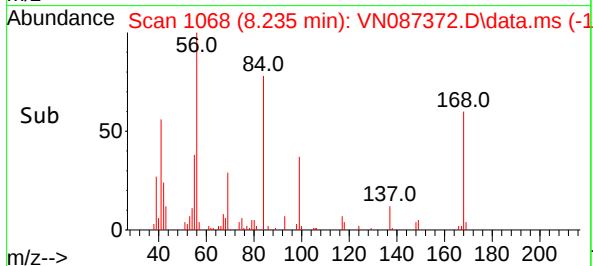
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 56 Resp: 78710
Ion Ratio Lower Upper
56 100
69 27.9 22.7 34.1
84 80.0 65.8 98.6

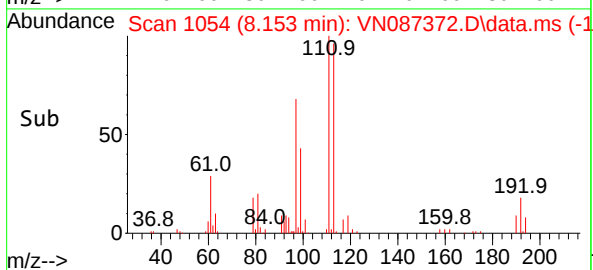
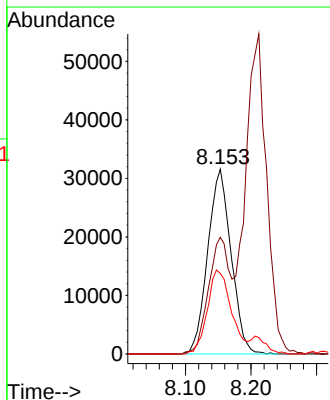
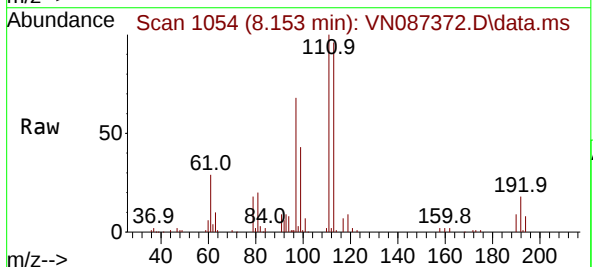
Manual Integrations
APPROVED

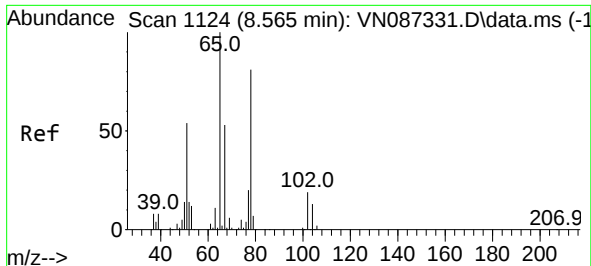
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#32
1,1,1-Trichloroethane
Concen: 18.929 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Tgt Ion: 97 Resp: 78287
Ion Ratio Lower Upper
97 100
99 57.1 51.8 77.8
61 46.6 38.7 58.1





#33

1,2-Dichloroethane-d4

Concen: 47.198 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VN087372.D

Acq: 21 Jul 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tgt Ion: 65 Resp: 152790

Ion Ratio Lower Upper

65 100

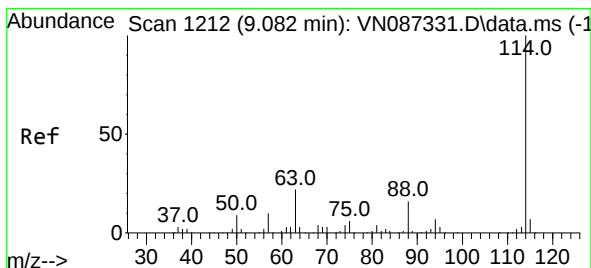
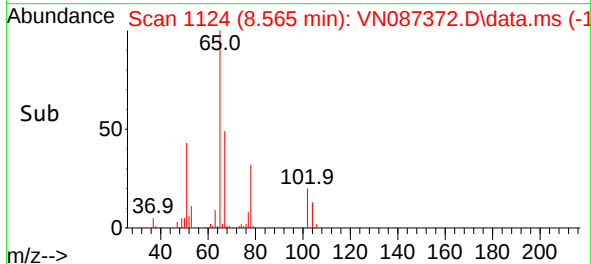
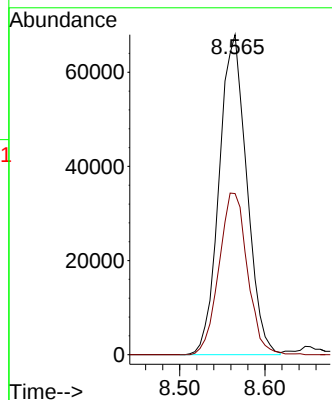
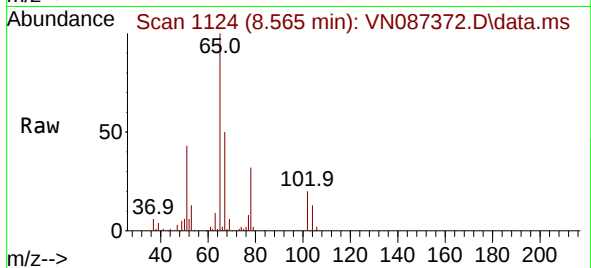
67 52.2 0.0 104.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN087372.D

Acq: 21 Jul 2025 12:30

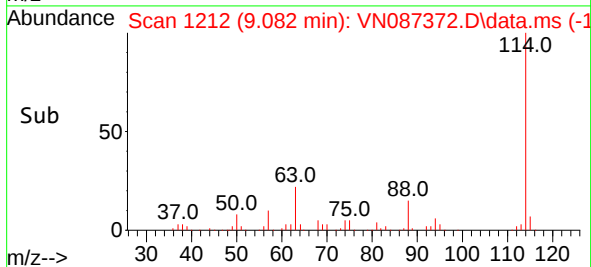
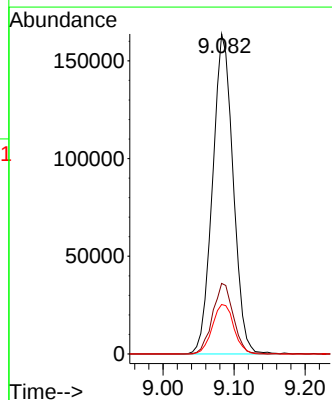
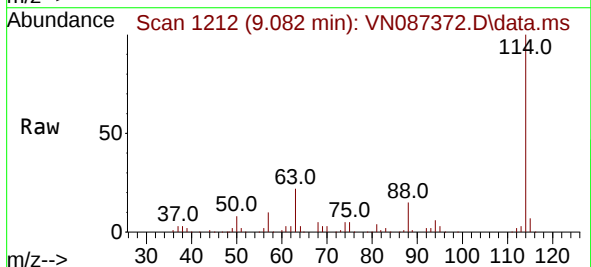
Tgt Ion:114 Resp: 328848

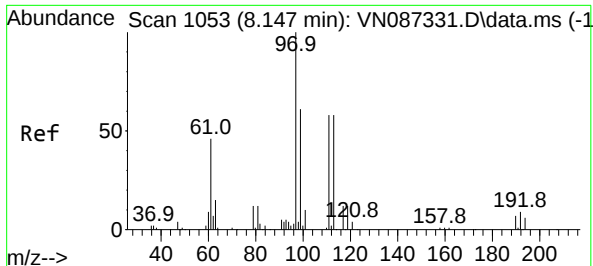
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.6

88 15.4 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.318 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087372.D

Acq: 21 Jul 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tgt Ion: 113 Resp: 114140

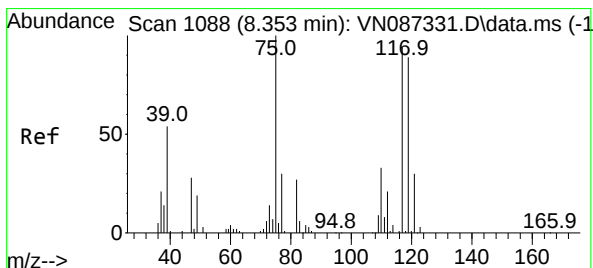
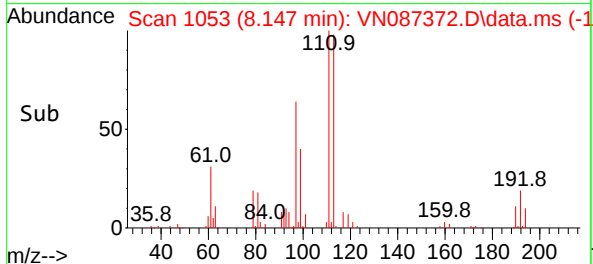
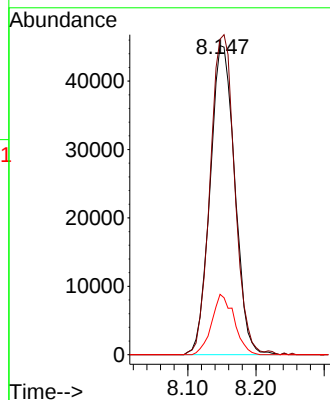
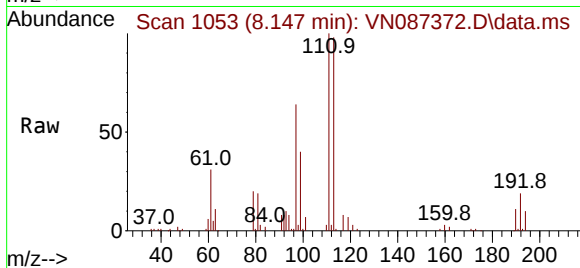
Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.5	123.7
192	17.8	13.7	20.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#36

1,1-Dichloropropene

Concen: 20.016 ug/l

RT: 8.353 min Scan# 1088

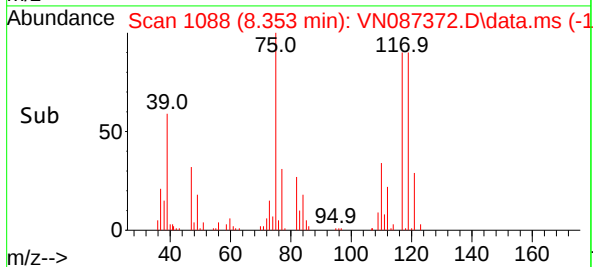
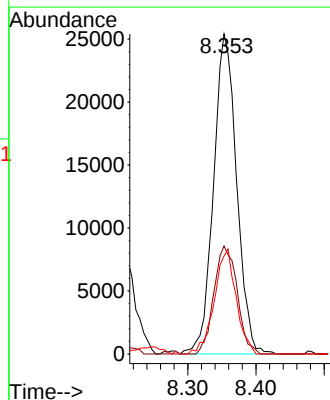
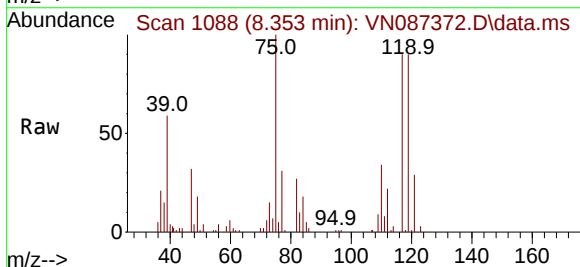
Delta R.T. 0.000 min

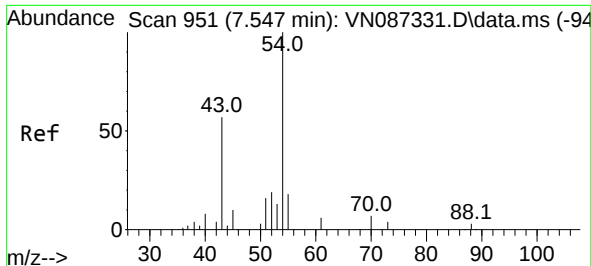
Lab File: VN087372.D

Acq: 21 Jul 2025 12:30

Tgt Ion: 75 Resp: 59988

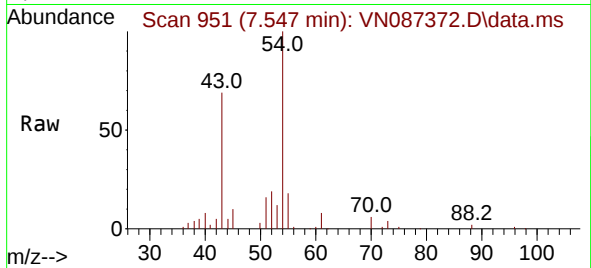
Ion	Ratio	Lower	Upper
75	100		
110	33.8	16.7	50.1
77	30.9	25.2	37.8





#37
Ethyl Acetate
Concen: 17.953 ug/l
RT: 7.547 min Scan# 951
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

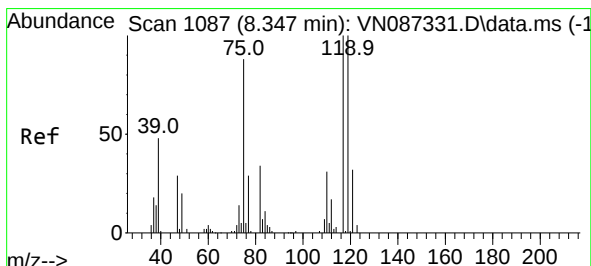
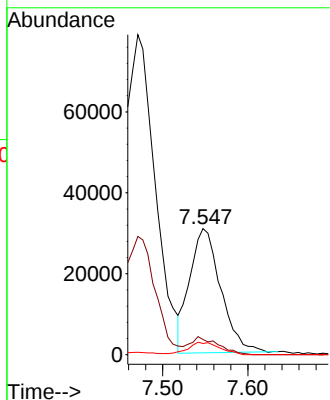
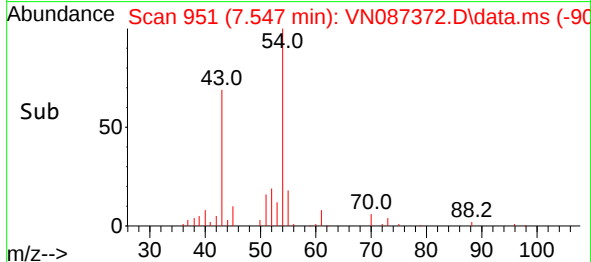
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 43 Resp: 77704
Ion Ratio Lower Upper
43 100
61 12.8 10.9 16.3
70 10.3 7.4 11.0

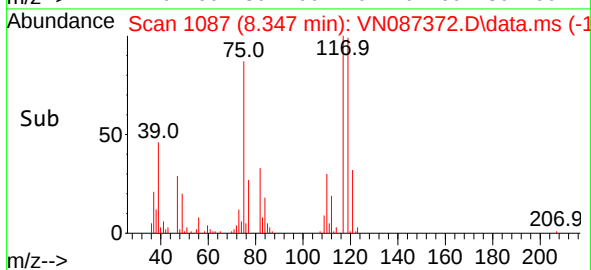
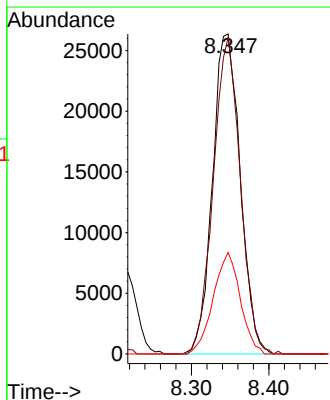
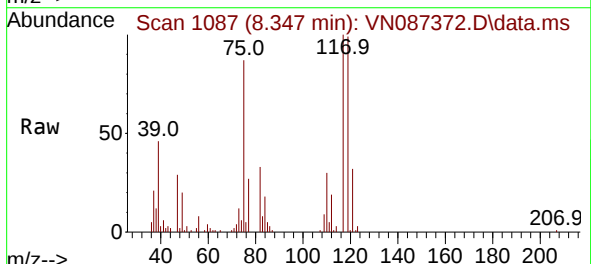
Manual Integrations
APPROVED

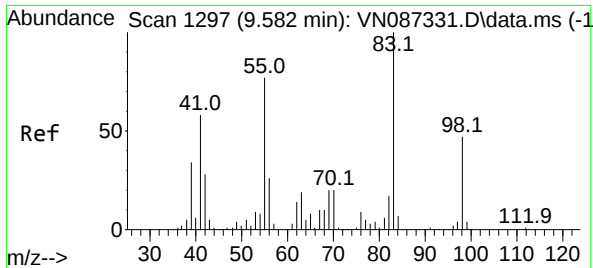
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#38
Carbon Tetrachloride
Concen: 19.849 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Tgt Ion:117 Resp: 65528
Ion Ratio Lower Upper
117 100
119 98.9 80.2 120.2
121 31.7 25.4 38.2





#39
Methylcyclohexane
Concen: 20.941 ug/l
RT: 9.582 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

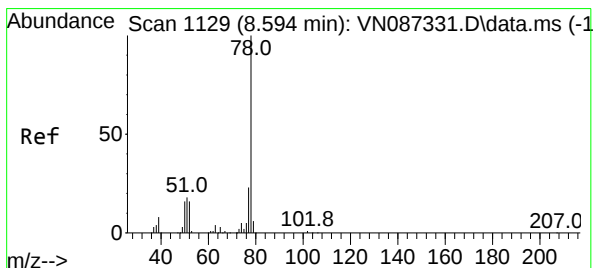
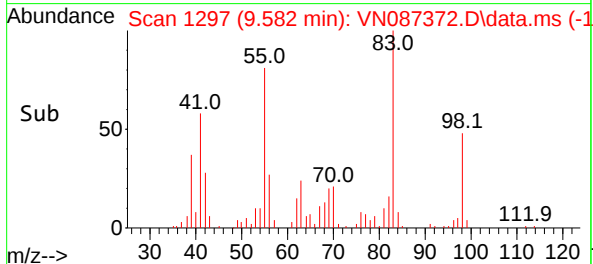
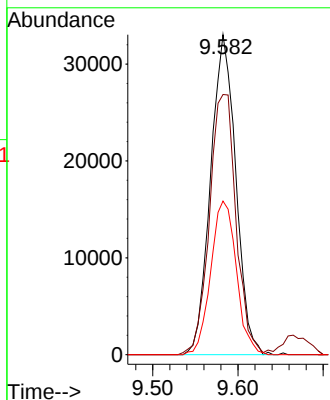
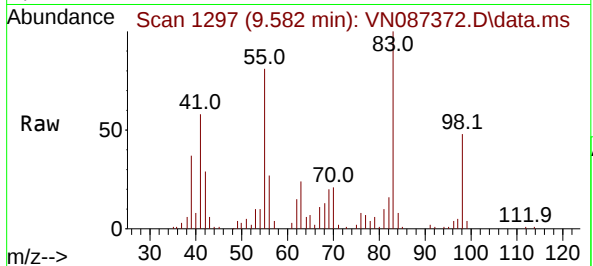
Tgt Ion: 83 Resp: 67940
Ion Ratio Lower Upper
83 100
55 81.3 61.3 91.9
98 48.0 37.9 56.9

Manual Integrations

APPROVED

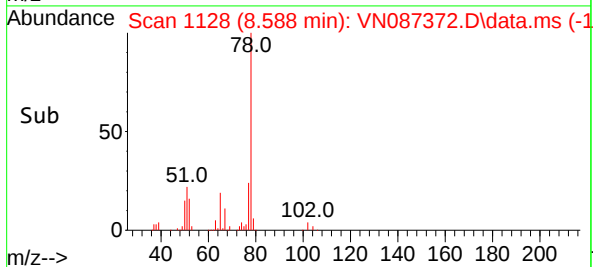
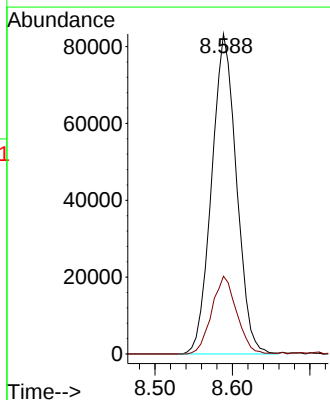
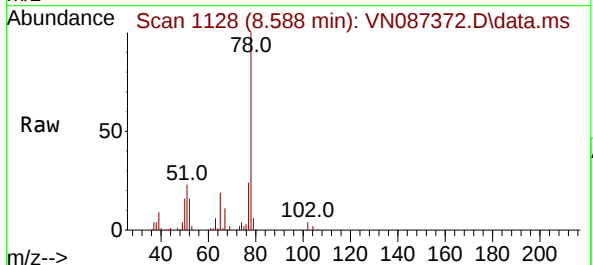
Reviewed By :John Carlone 07/22/2025

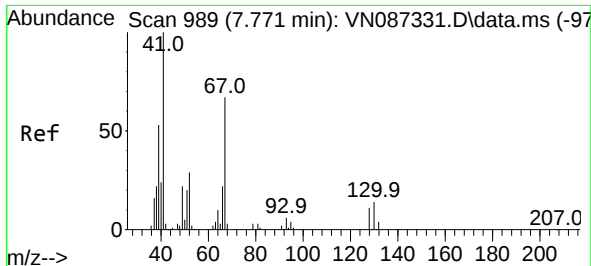
Supervised By :Semsettin Yesilyurt 07/22/2025



#40
Benzene
Concen: 19.151 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

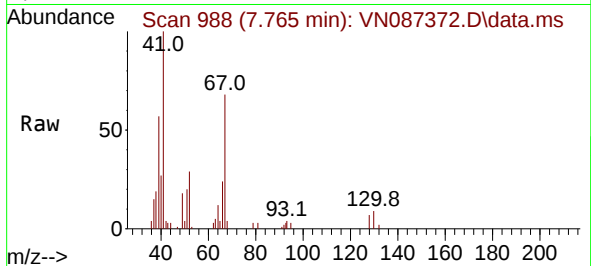
Tgt Ion: 78 Resp: 185496
Ion Ratio Lower Upper
78 100
77 24.3 18.2 27.2





#41
Methacrylonitrile
Concen: 18.057 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

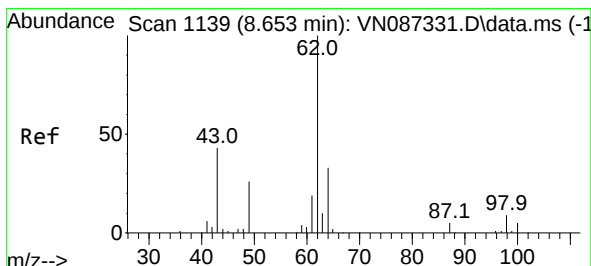
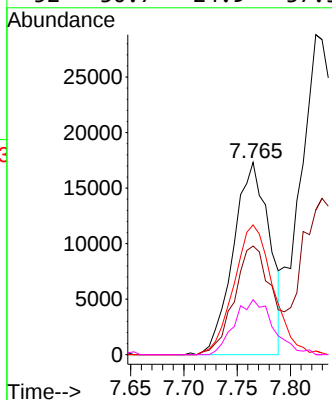
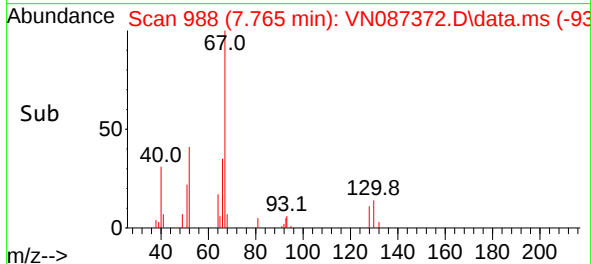
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 41 Resp: 4086
Ion Ratio Lower Upper
41 100
39 59.3 43.4 65.0
67 73.0 55.1 82.7
52 30.7 24.9 37.3

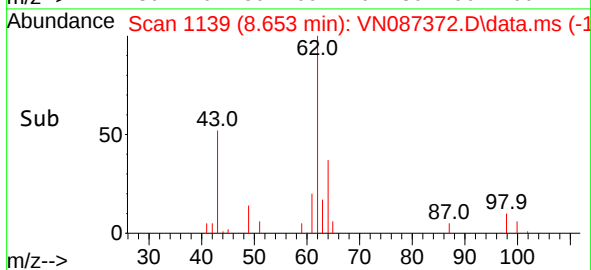
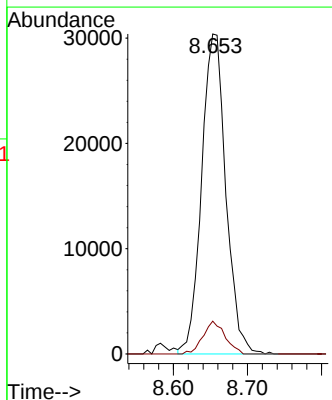
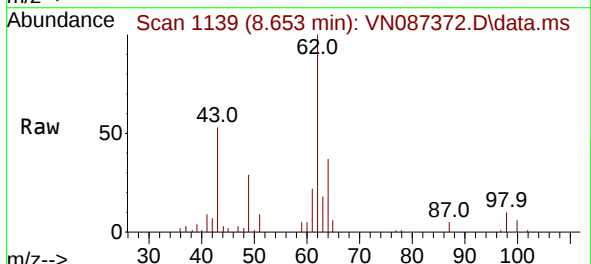
Manual Integrations
APPROVED

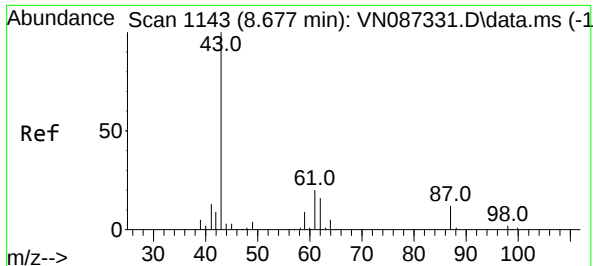
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#42
1,2-Dichloroethane
Concen: 18.806 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

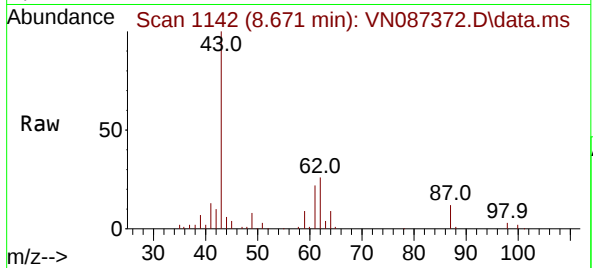
Tgt Ion: 62 Resp: 69079
Ion Ratio Lower Upper
62 100
98 9.3 0.0 18.0





#43
Isopropyl Acetate
Concen: 19.014 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

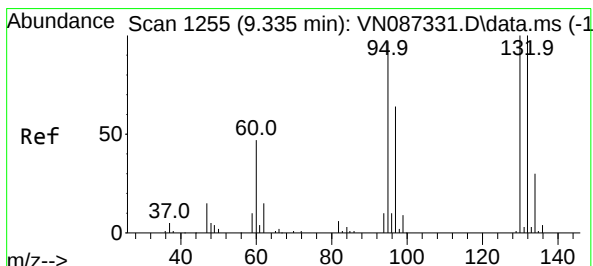
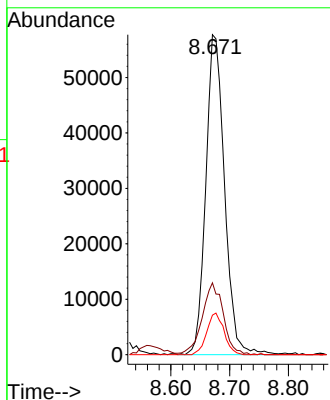
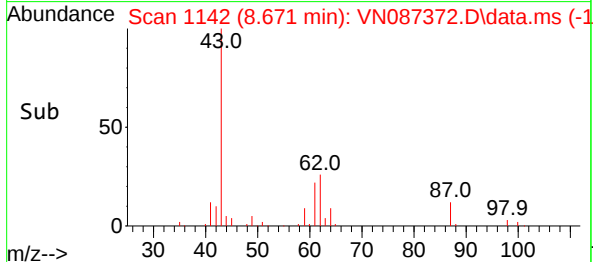
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



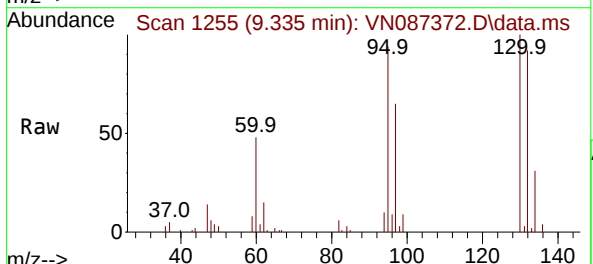
Tgt Ion: 43 Resp: 12775
Ion Ratio Lower Upper
43 100
61 25.2 19.8 29.8
87 12.0 9.8 14.6

Manual Integrations
APPROVED

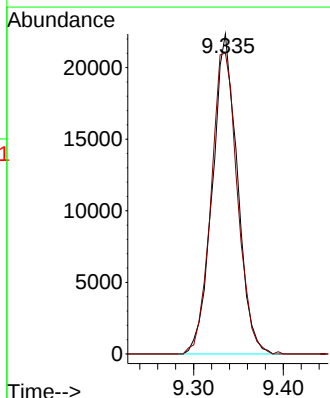
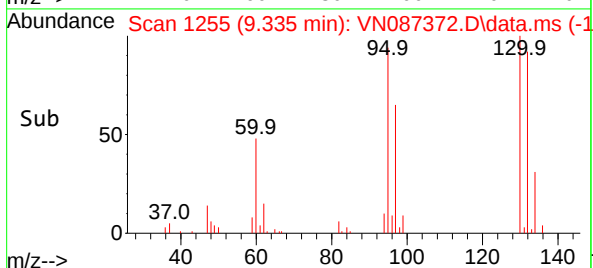
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

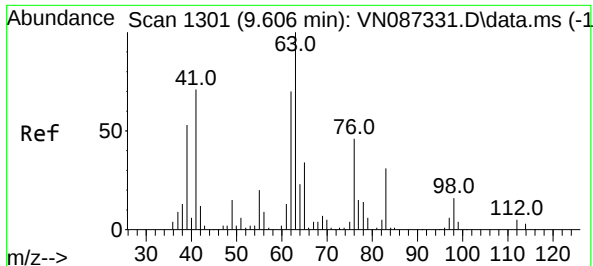


#44
Trichloroethene
Concen: 18.818 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



Tgt Ion:130 Resp: 43070
Ion Ratio Lower Upper
130 100
95 94.1 0.0 195.2





#45

1,2-Dichloropropane

Concen: 19.341 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. -0.000 min

Lab File: VN087372.D

Acq: 21 Jul 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tgt Ion: 63 Resp: 4760

Ion Ratio Lower Upper

63 100

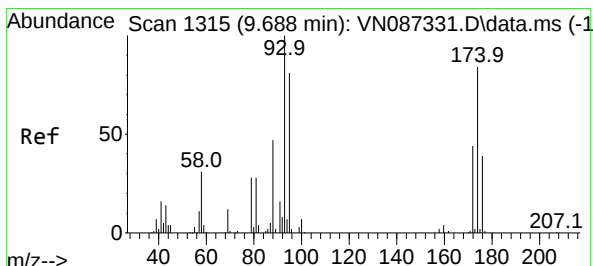
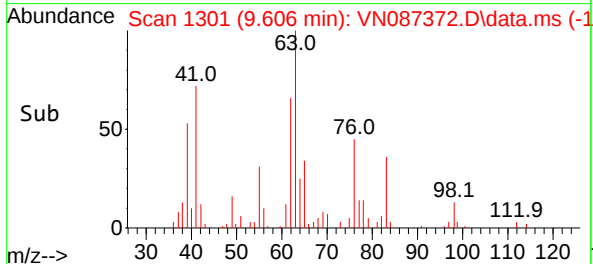
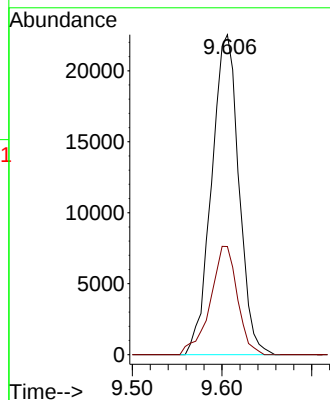
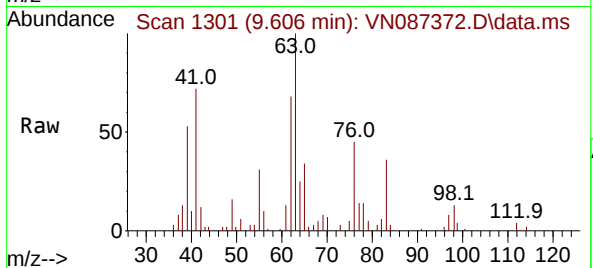
65 33.8 27.0 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#46

Dibromomethane

Concen: 18.937 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087372.D

Acq: 21 Jul 2025 12:30

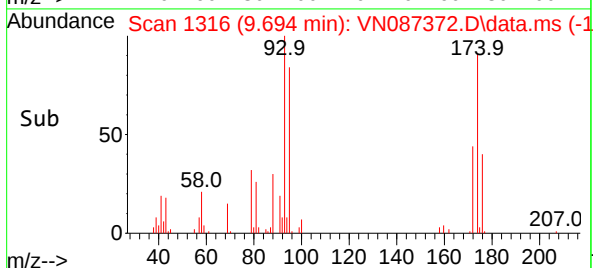
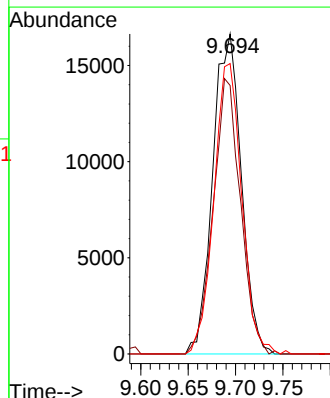
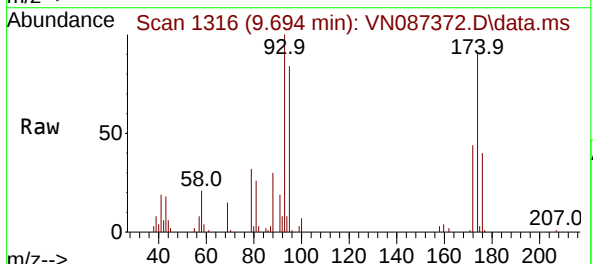
Tgt Ion: 93 Resp: 34895

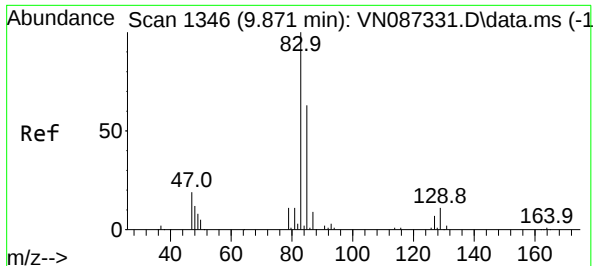
Ion Ratio Lower Upper

93 100

95 82.2 65.8 98.8

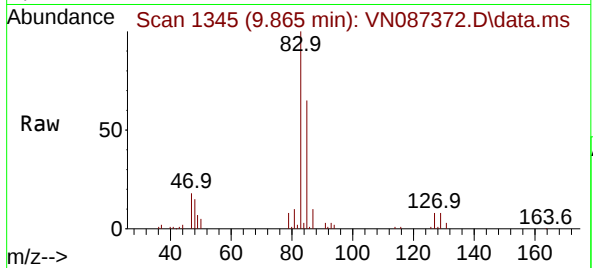
174 88.7 69.9 104.9





#47
Bromodichloromethane
Concen: 18.757 ug/l
RT: 9.865 min Scan# 1346
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

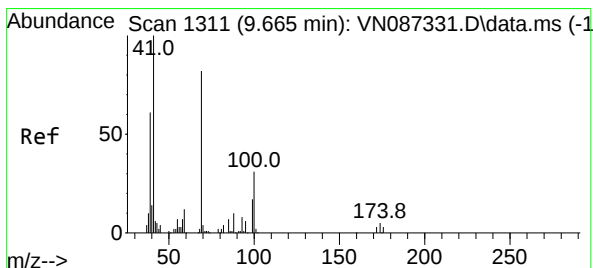
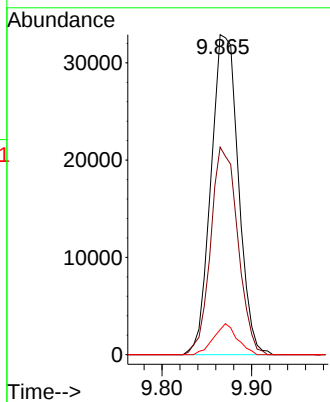
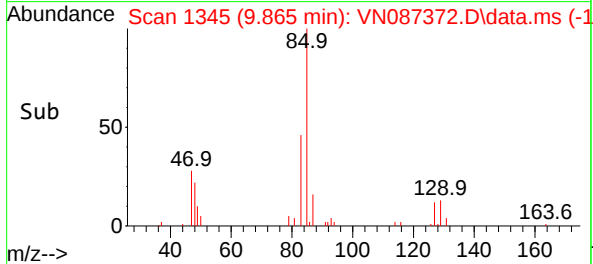
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 83 Resp: 69620
Ion Ratio Lower Upper
83 100
85 64.8 50.4 75.6
127 7.8 5.8 8.8

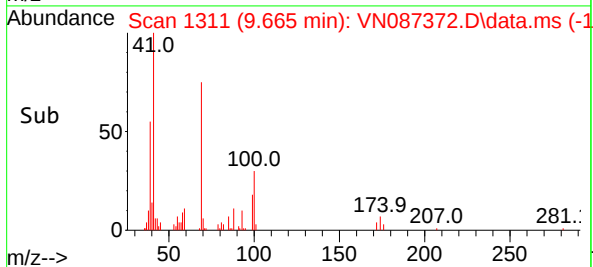
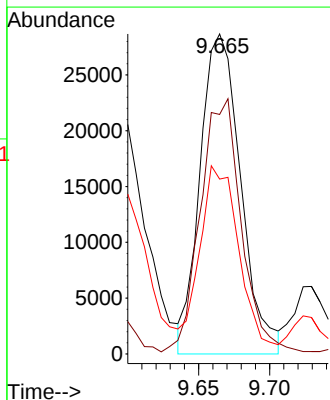
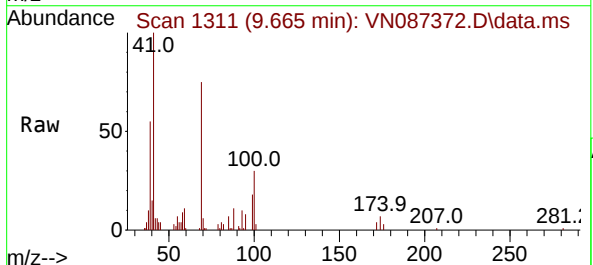
Manual Integrations
APPROVED

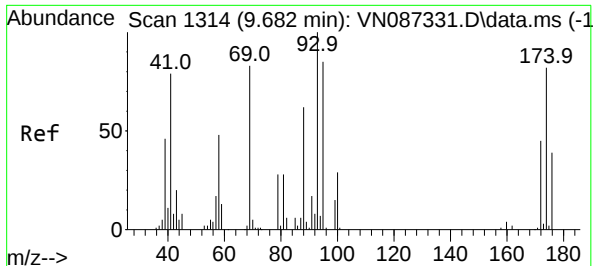
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#48
Methyl methacrylate
Concen: 18.878 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Tgt Ion: 41 Resp: 57104
Ion Ratio Lower Upper
41 100
69 79.5 64.1 96.1
39 57.4 45.5 68.3





#49

1,4-Dioxane

Concen: 351.858 ug/l

RT: 9.688 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087372.D

Acq: 21 Jul 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tgt Ion: 88 Resp: 1630

Ion Ratio Lower Upper

88 100

43 28.8 0.0 0.0

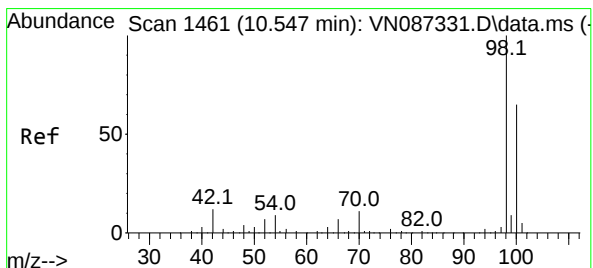
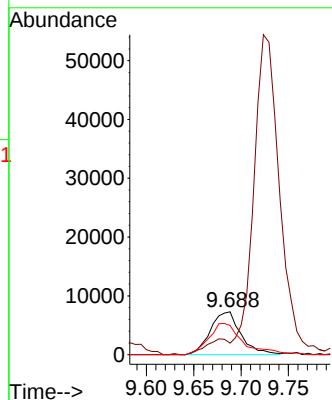
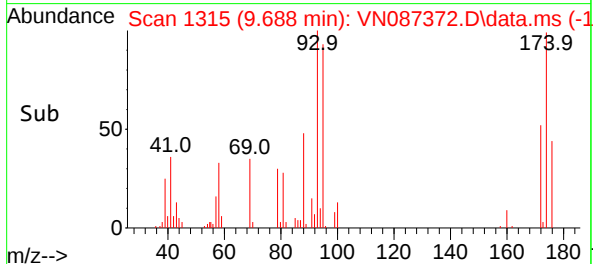
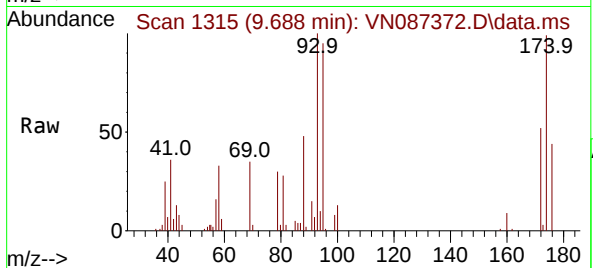
58 82.7 61.1 91.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#50

Toluene-d8

Concen: 50.608 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087372.D

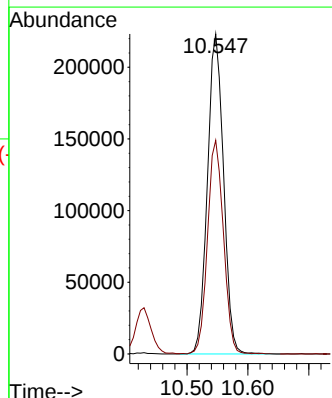
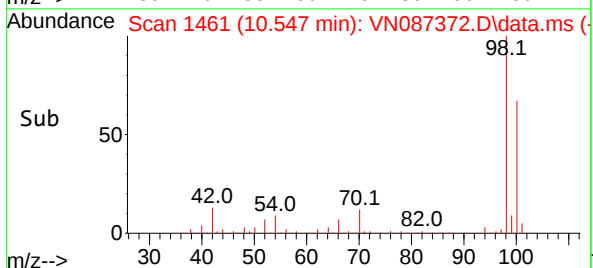
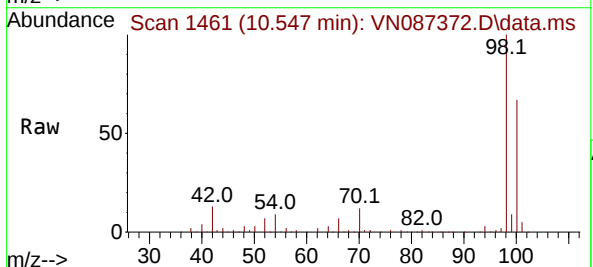
Acq: 21 Jul 2025 12:30

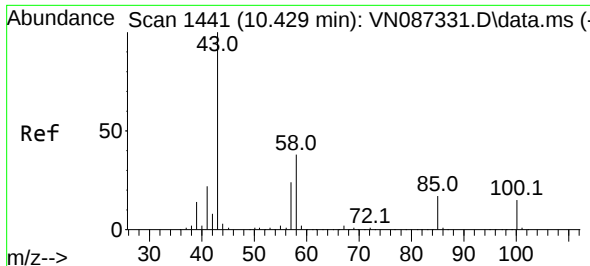
Tgt Ion: 98 Resp: 409499

Ion Ratio Lower Upper

98 100

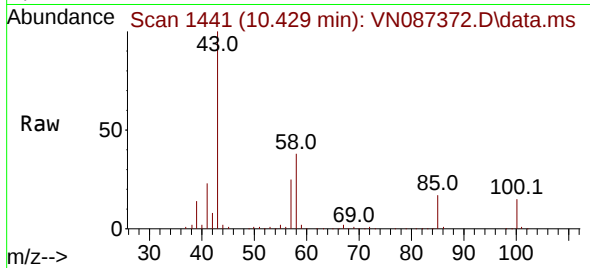
100 66.1 52.1 78.1





#51
4-Methyl-2-Pentanone
Concen: 93.970 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

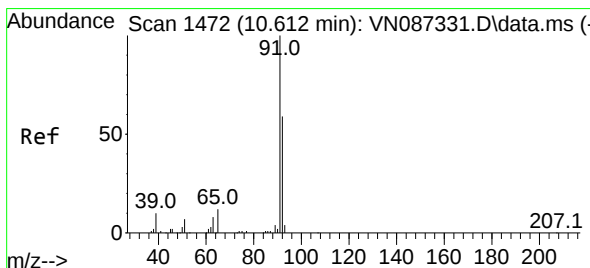
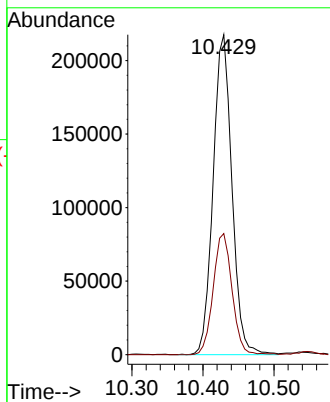
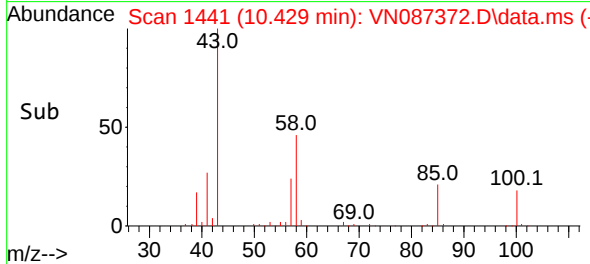
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



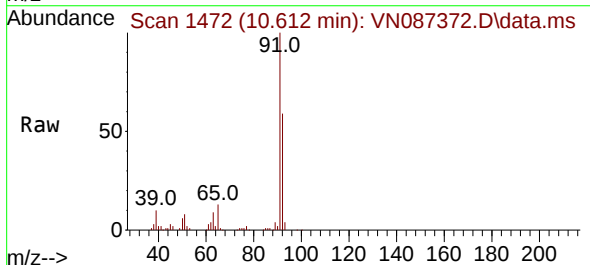
Tgt Ion: 43 Resp: 399338
Ion Ratio Lower Upper
43 100
58 38.0 30.8 46.2

Manual Integrations
APPROVED

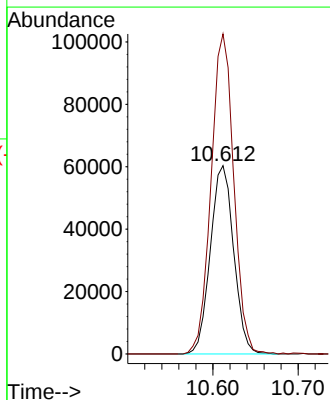
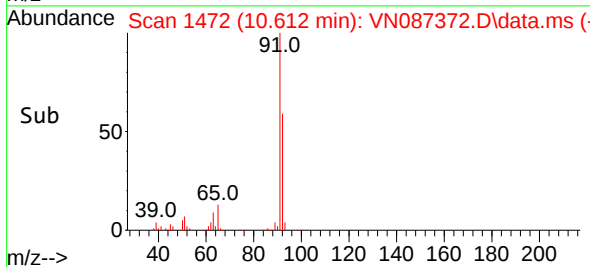
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

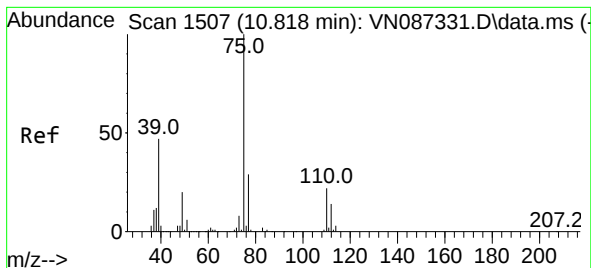


#52
Toluene
Concen: 19.488 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



Tgt Ion: 92 Resp: 114736
Ion Ratio Lower Upper
92 100
91 165.2 135.1 202.7





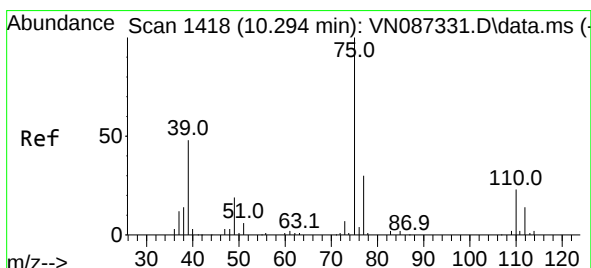
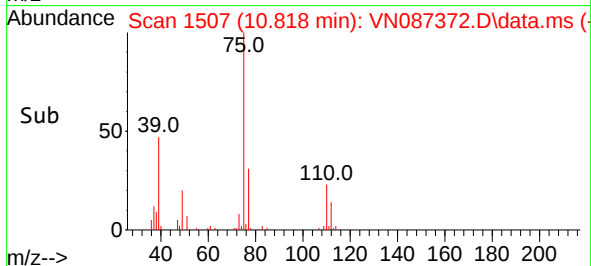
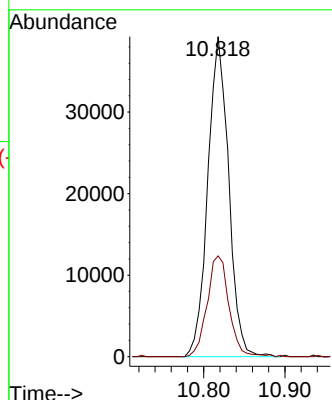
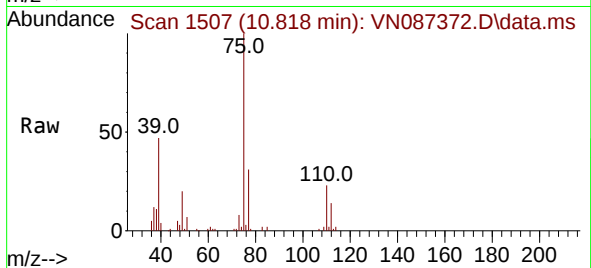
#53
t-1,3-Dichloropropene
Concen: 18.637 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tgt Ion: 75 Resp: 70010
Ion Ratio Lower Upper
75 100
77 31.5 23.6 35.4

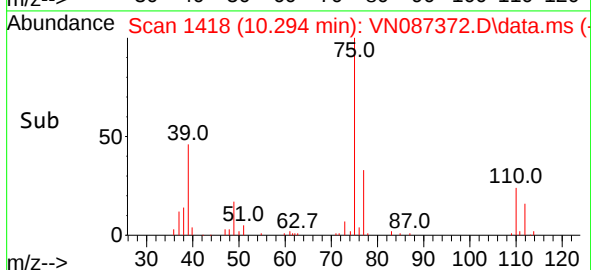
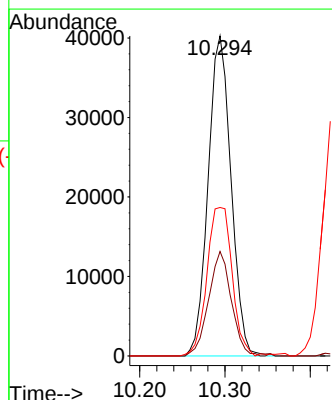
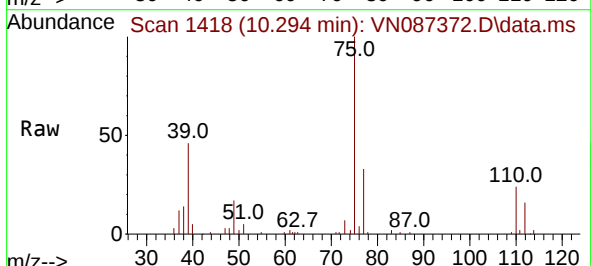
Manual Integrations
APPROVED

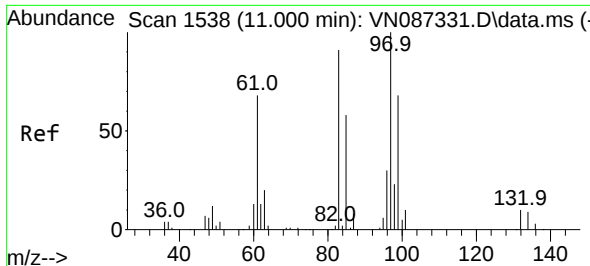
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#54
cis-1,3-Dichloropropene
Concen: 19.419 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

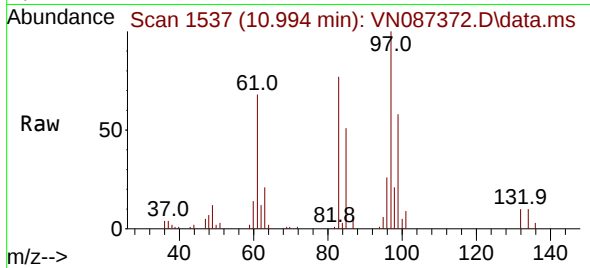
Tgt Ion: 75 Resp: 75349
Ion Ratio Lower Upper
75 100
77 32.7 24.2 36.2
39 46.4 38.4 57.6





#55
1,1,2-Trichloroethane
Concen: 19.645 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

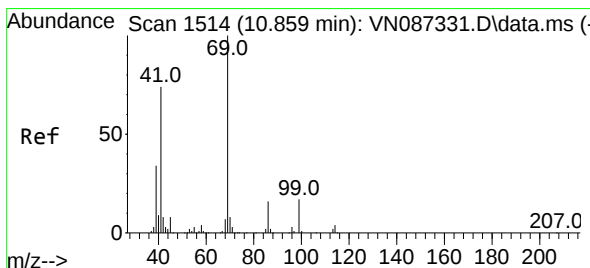
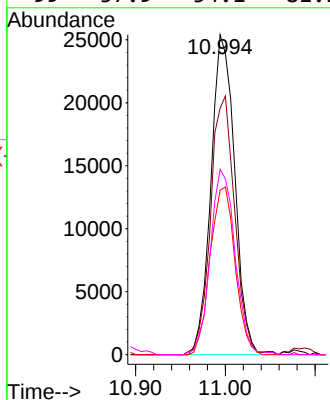
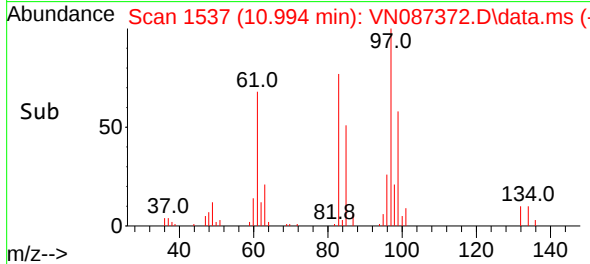
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



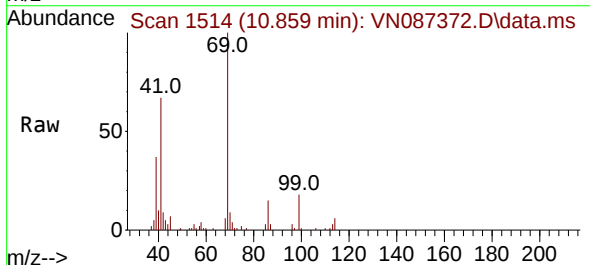
Tgt Ion: 97 Resp: 4682
Ion Ratio Lower Upper
97 100
83 77.0 72.6 109.0
85 51.4 46.7 70.1
99 57.9 54.1 81.1

Manual Integrations
APPROVED

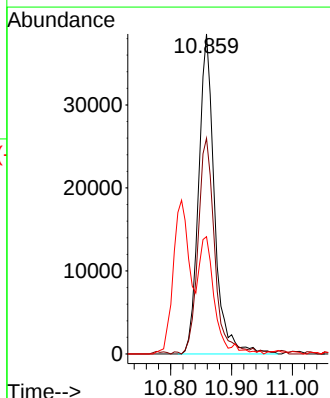
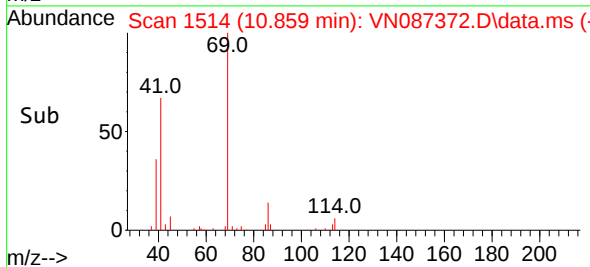
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

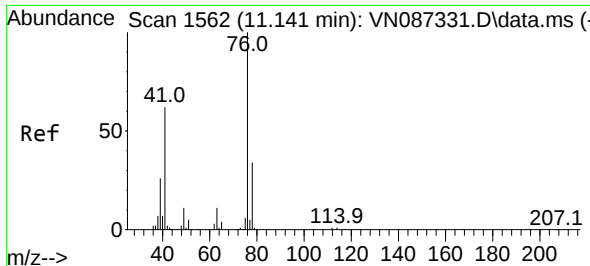


#56
Ethyl methacrylate
Concen: 18.249 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



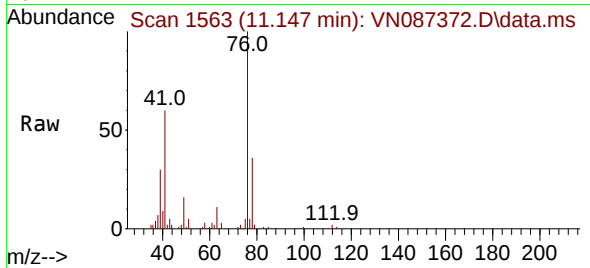
Tgt Ion: 69 Resp: 69998
Ion Ratio Lower Upper
69 100
41 71.3 55.1 82.7
39 30.4 27.9 41.9





#57
1,3-Dichloropropane
Concen: 18.971 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. 0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

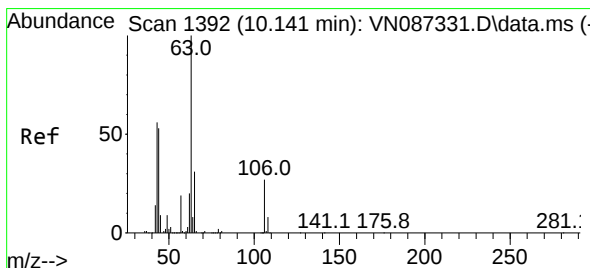
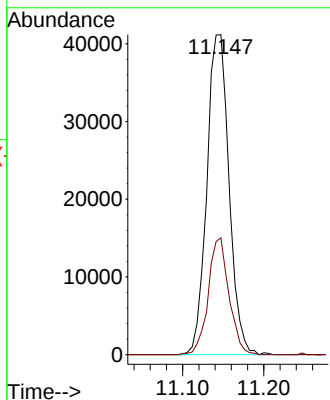
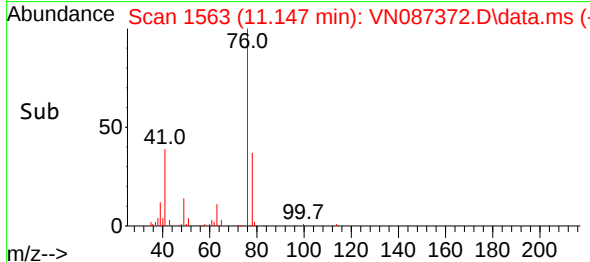
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 76 Resp: 7818
Ion Ratio Lower Upper
76 100
78 34.1 26.0 39.0

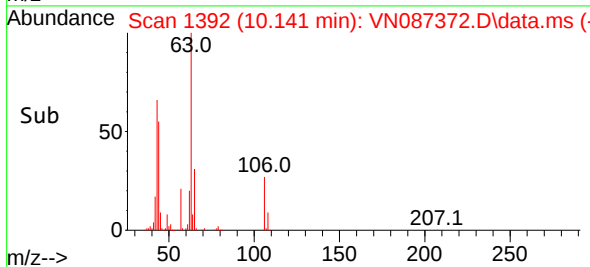
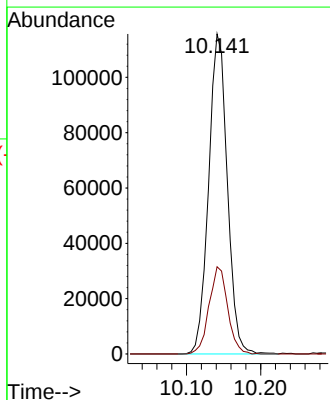
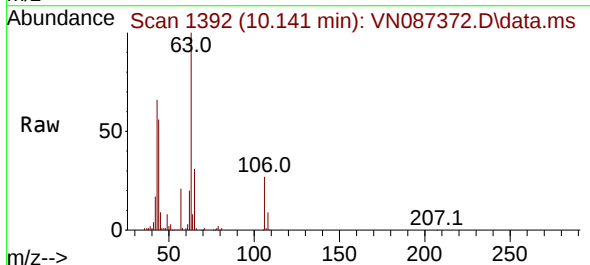
Manual Integrations
APPROVED

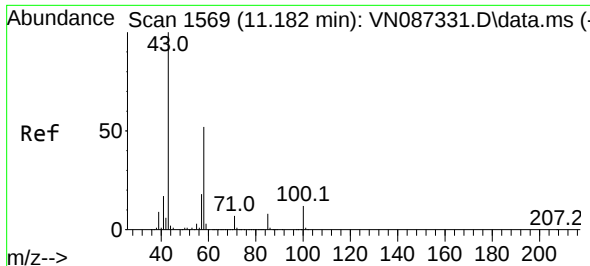
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#58
2-Chloroethyl Vinyl ether
Concen: 103.552 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

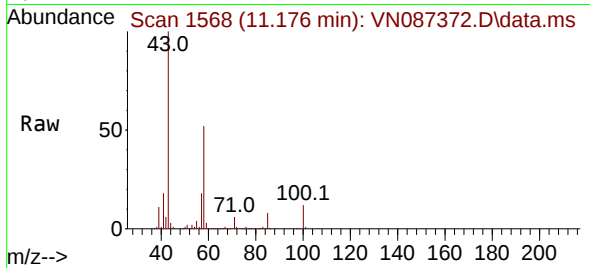
Tgt Ion: 63 Resp: 202470
Ion Ratio Lower Upper
63 100
106 27.1 21.7 32.5





#59
2-Hexanone
Concen: 93.688 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

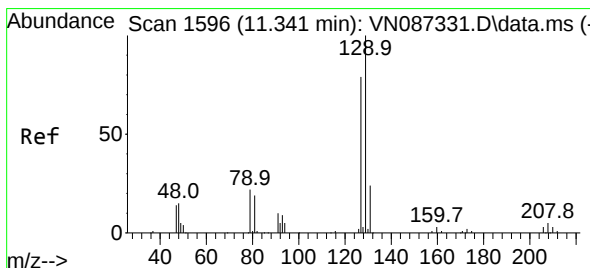
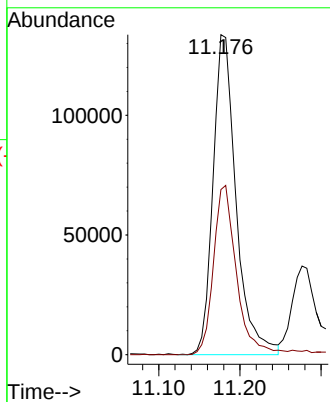
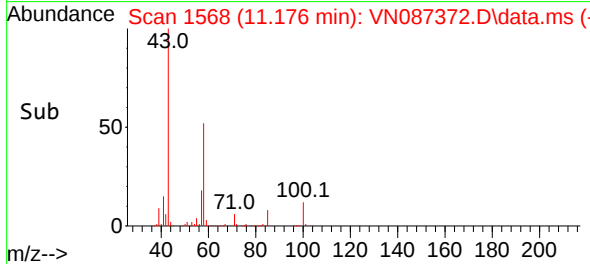
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 43 Resp: 264149
Ion Ratio Lower Upper
43 100
58 52.7 26.7 80.0

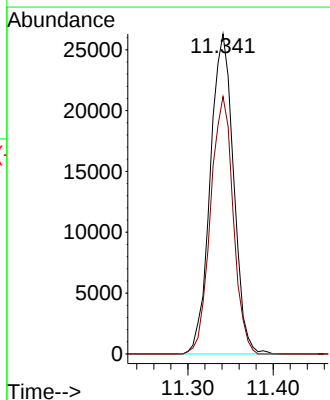
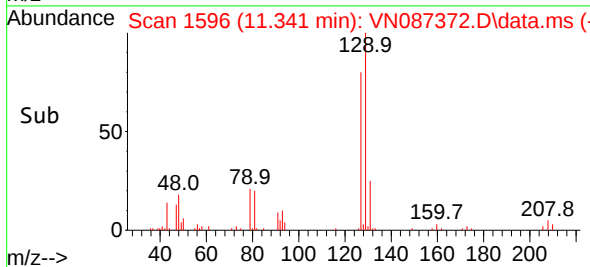
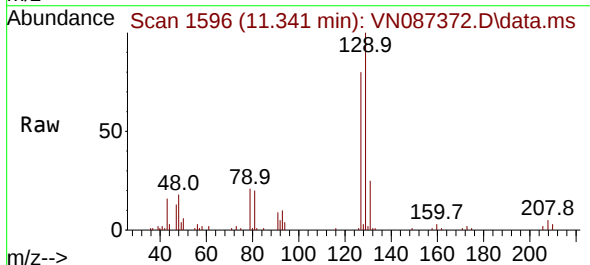
Manual Integrations
APPROVED

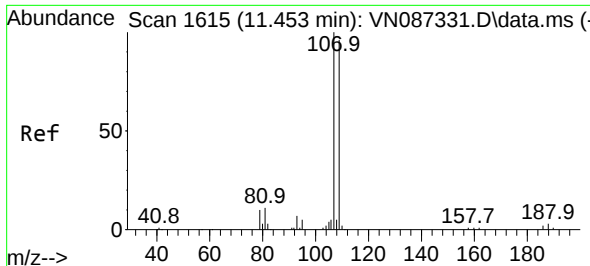
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#60
Dibromochloromethane
Concen: 18.357 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

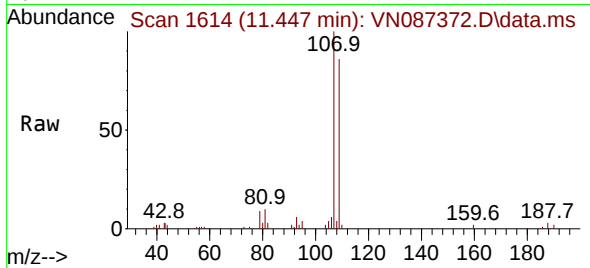
Tgt Ion:129 Resp: 49899
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.5





#61
1,2-Dibromoethane
Concen: 18.856 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

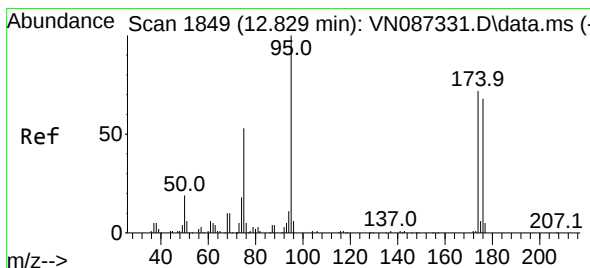
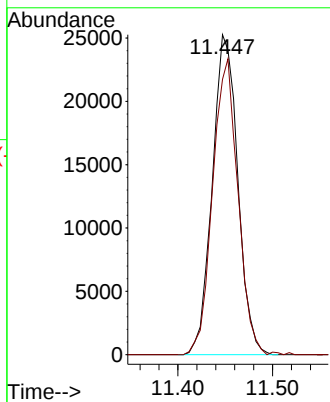
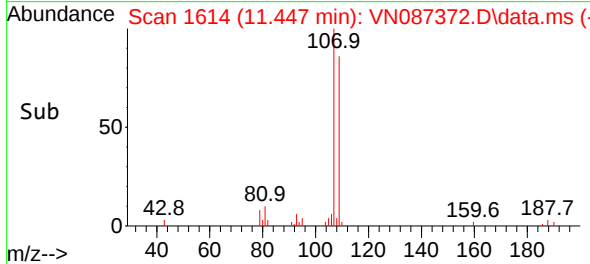
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



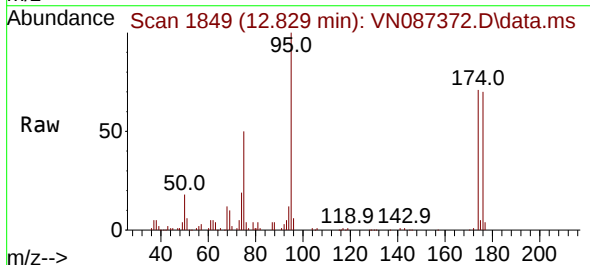
Tgt Ion:107 Resp: 4725
Ion Ratio Lower Upper
107 100
109 92.1 77.5 116.3

Manual Integrations
APPROVED

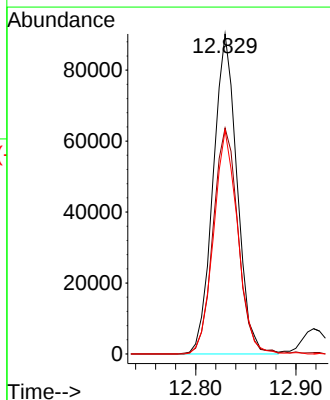
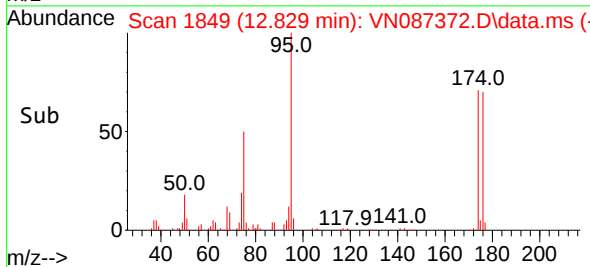
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

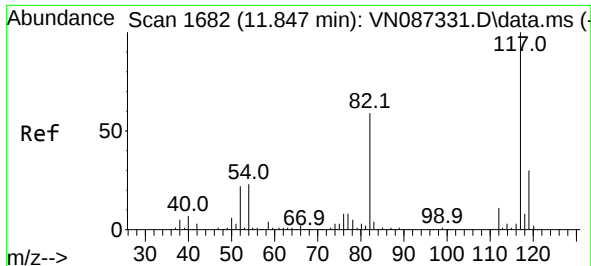


#62
4-Bromofluorobenzene
Concen: 49.981 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



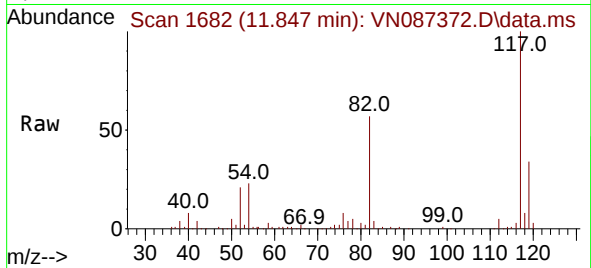
Tgt Ion: 95 Resp: 149416
Ion Ratio Lower Upper
95 100
174 74.0 0.0 149.4
176 70.7 0.0 141.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

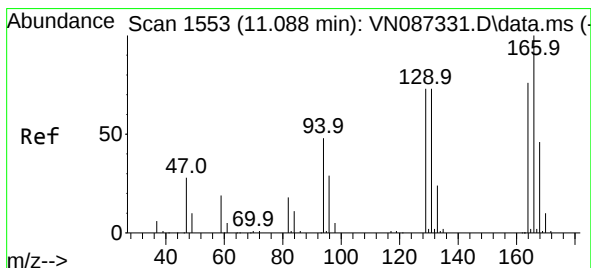
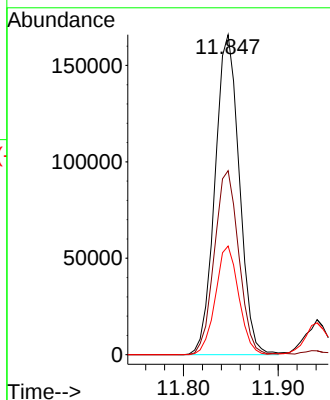
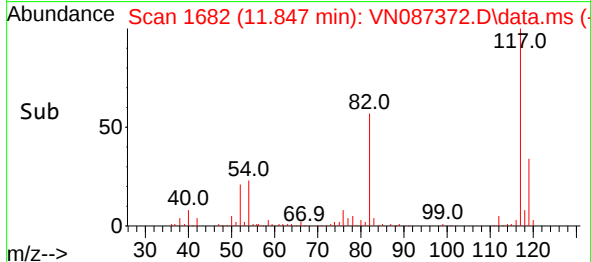
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion:117 Resp: 296338
Ion Ratio Lower Upper
117 100
82 57.5 47.4 71.2
119 34.0 23.8 35.8

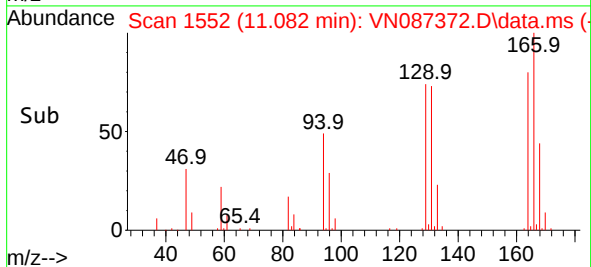
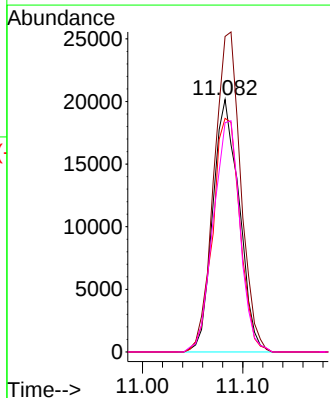
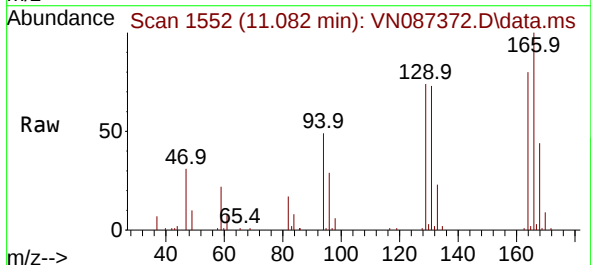
Manual Integrations
APPROVED

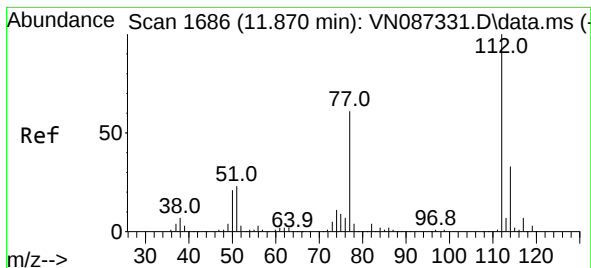
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#64
Tetrachloroethene
Concen: 19.315 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

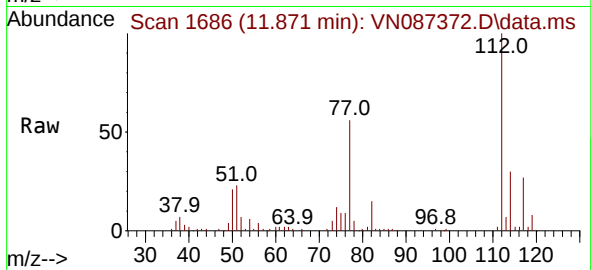
Tgt Ion:164 Resp: 36839
Ion Ratio Lower Upper
164 100
166 125.0 105.5 158.3
129 92.5 77.4 116.2
131 90.8 77.3 115.9





#65
Chlorobenzene
Concen: 18.571 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

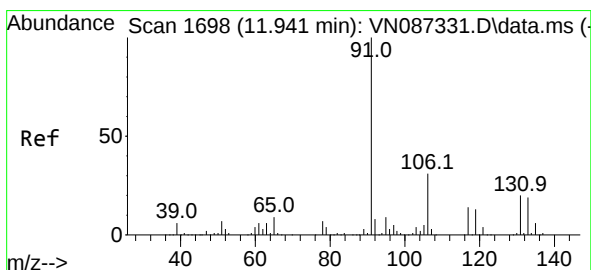
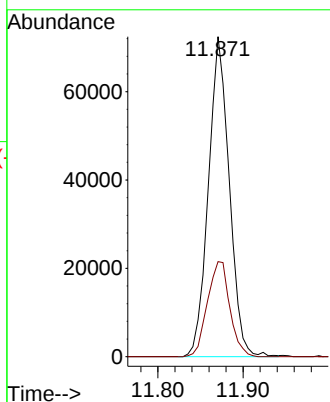
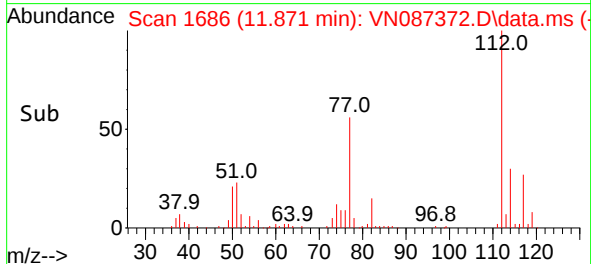
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



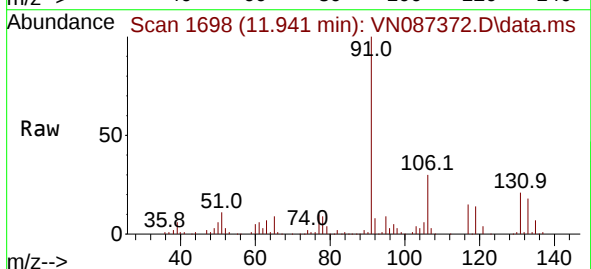
Tgt Ion:112 Resp: 123550
Ion Ratio Lower Upper
112 100
114 29.7 26.5 39.7

Manual Integrations
APPROVED

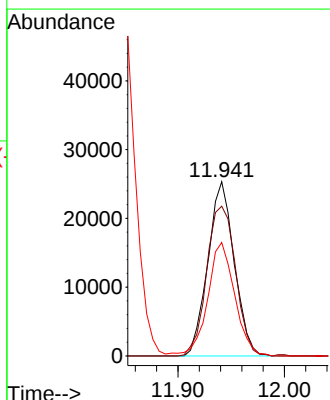
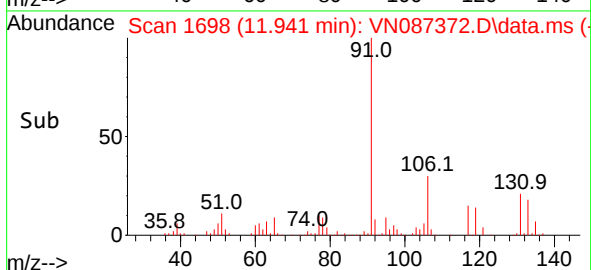
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

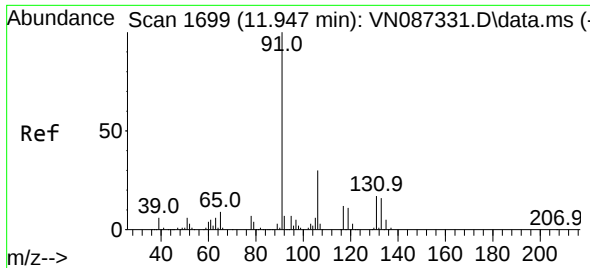


#66
1,1,1,2-Tetrachloroethane
Concen: 19.273 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



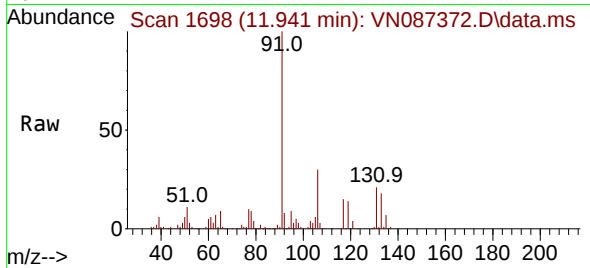
Tgt Ion:131 Resp: 43600
Ion Ratio Lower Upper
131 100
133 94.3 47.4 142.3
119 66.3 33.1 99.2





#67
Ethyl Benzene
Concen: 18.695 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

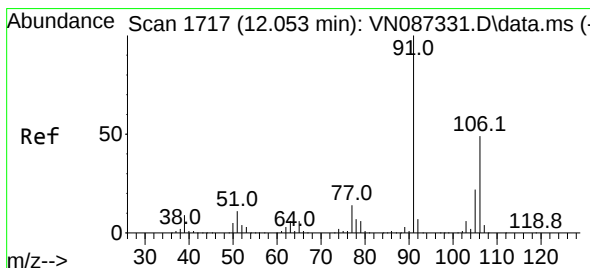
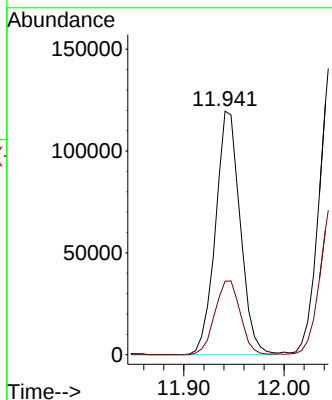
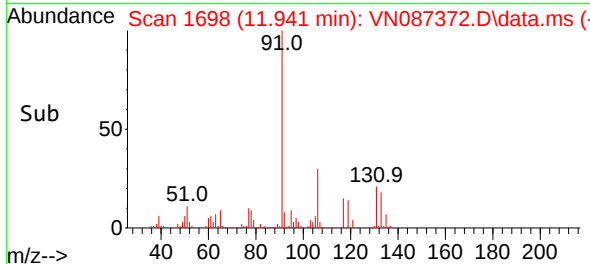
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



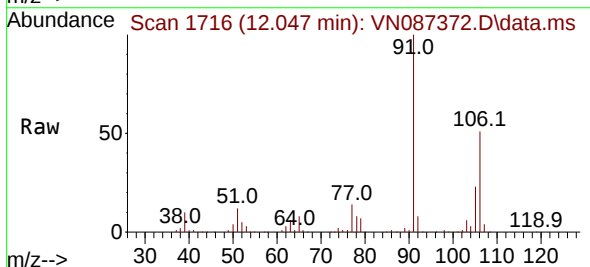
Tgt Ion: 91 Resp: 20475
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

Manual Integrations
APPROVED

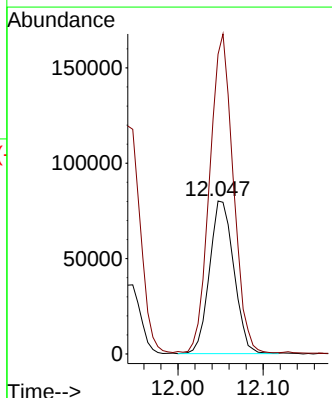
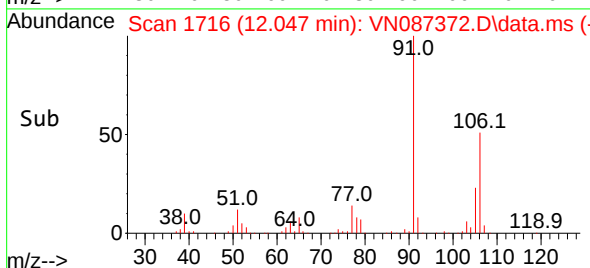
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

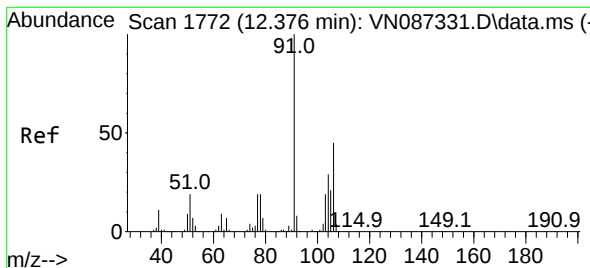


#68
m/p-Xylenes
Concen: 38.848 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



Tgt Ion:106 Resp: 159328
Ion Ratio Lower Upper
106 100
91 202.2 162.0 243.0





#69

o-Xylene

Concen: 18.777 ug/l

RT: 12.382 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VN087372.D

Acq: 21 Jul 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tgt Ion:106 Resp: 73560

Ion Ratio Lower Upper

106 100

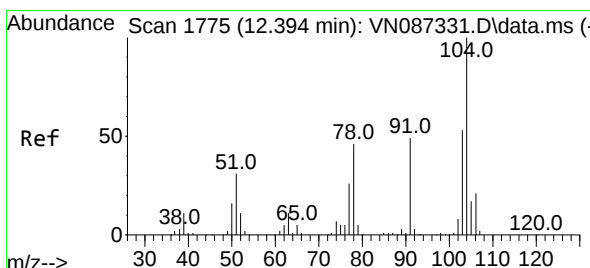
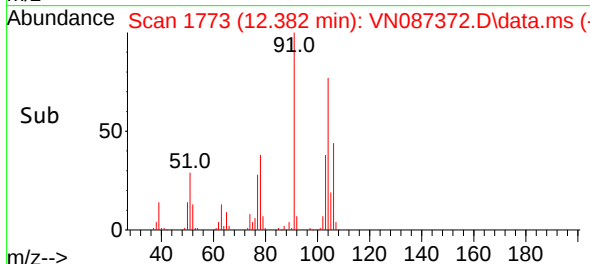
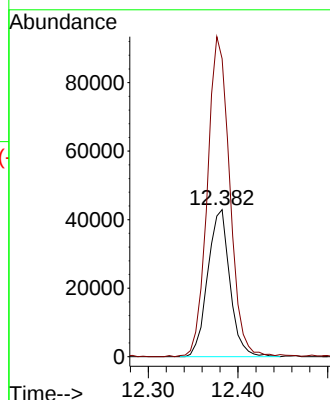
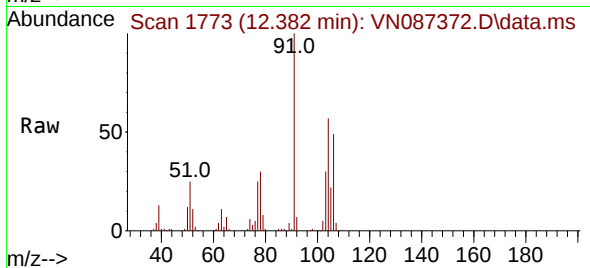
91 220.6 107.7 323.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#70

Styrene

Concen: 19.400 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN087372.D

Acq: 21 Jul 2025 12:30

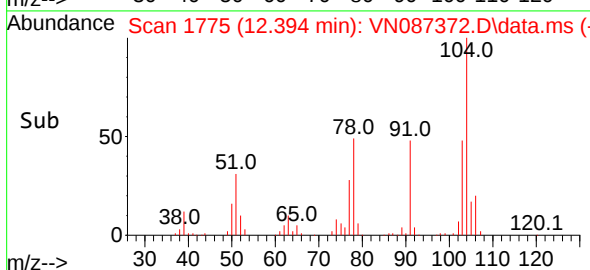
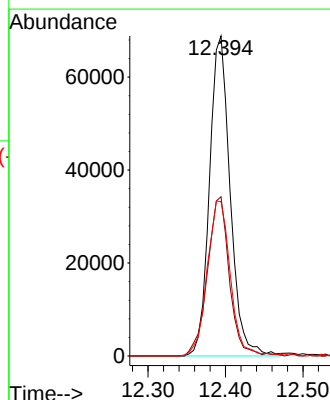
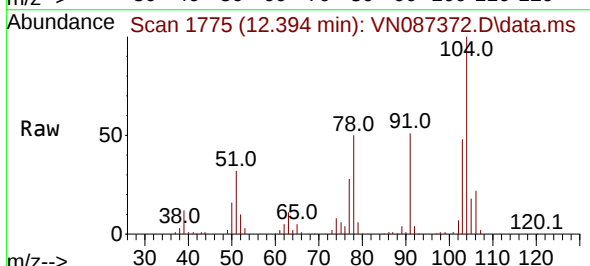
Tgt Ion:104 Resp: 127855

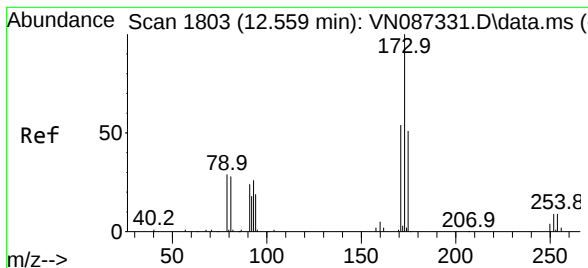
Ion Ratio Lower Upper

104 100

78 52.5 41.0 61.6

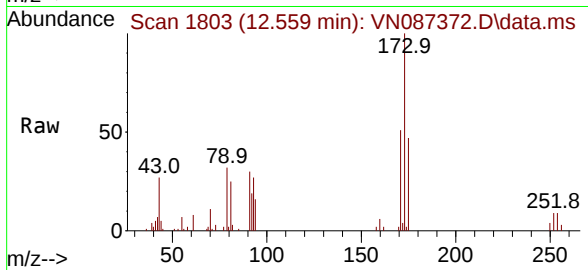
103 54.1 43.9 65.9





#71
Bromoform
Concen: 18.753 ug/l
RT: 12.559 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

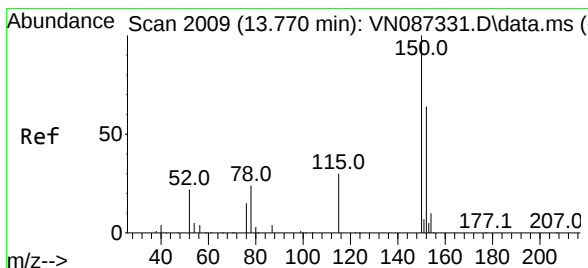
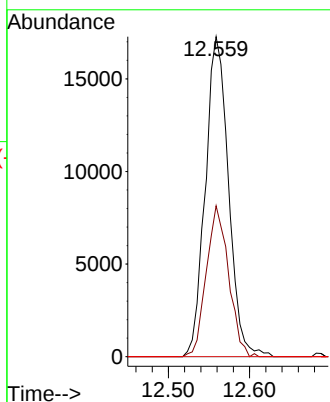
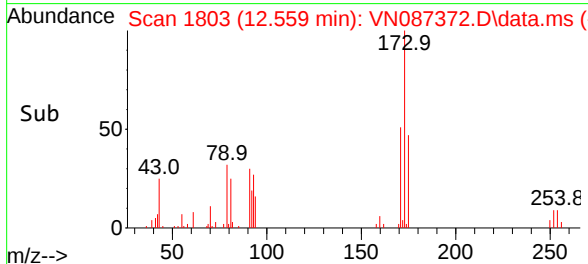
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



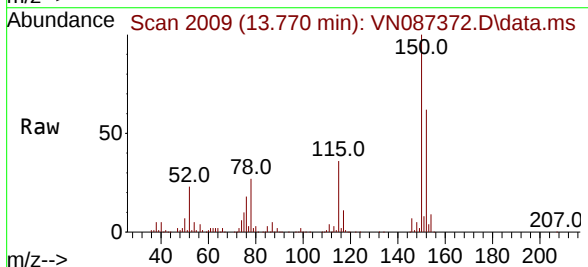
Tgt Ion:173 Resp: 34274
Ion Ratio Lower Upper
173 100
175 45.2 24.1 72.3
254 0.0 0.0 0.0

Manual Integrations
APPROVED

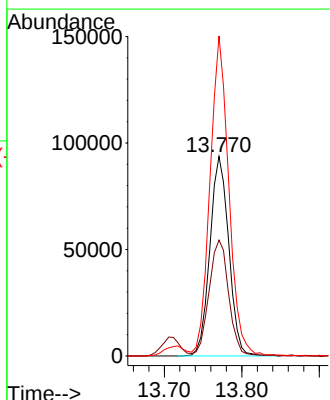
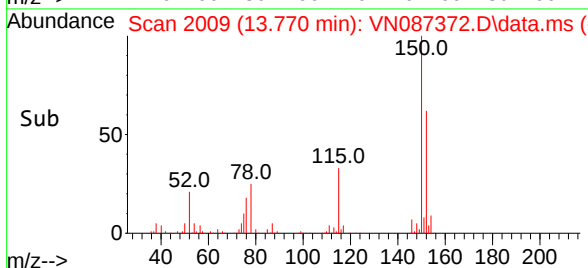
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

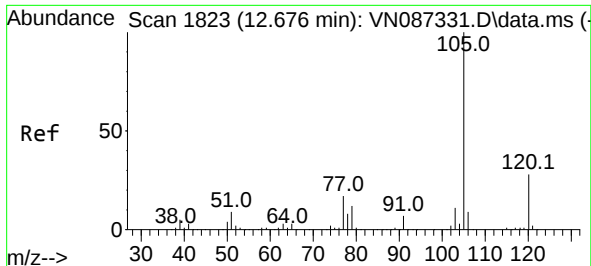


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



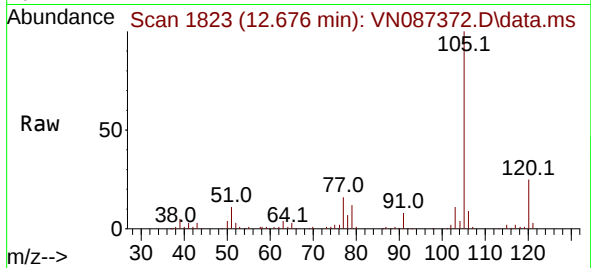
Tgt Ion:152 Resp: 158557
Ion Ratio Lower Upper
152 100
115 60.5 31.1 93.5
150 160.2 0.0 349.0





#73
Isopropylbenzene
Concen: 19.294 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

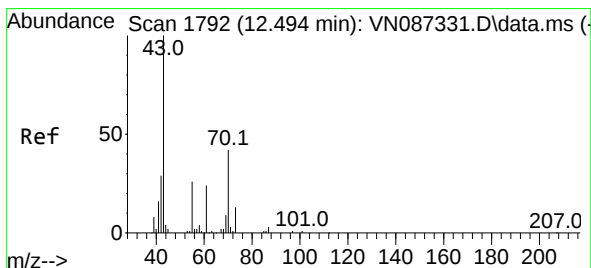
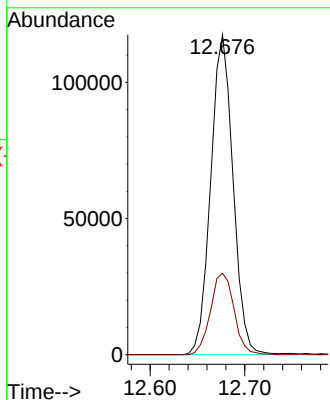
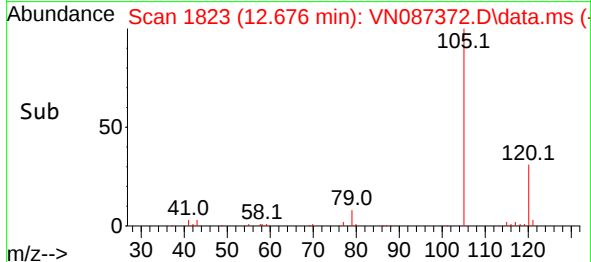
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



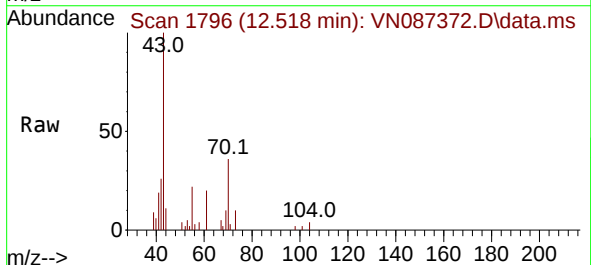
Tgt Ion:105 Resp: 192540
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1

Manual Integrations
APPROVED

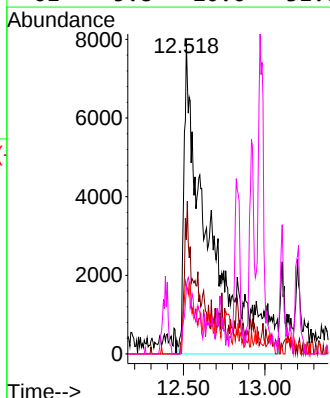
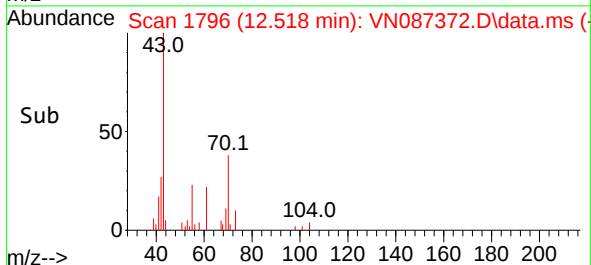
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

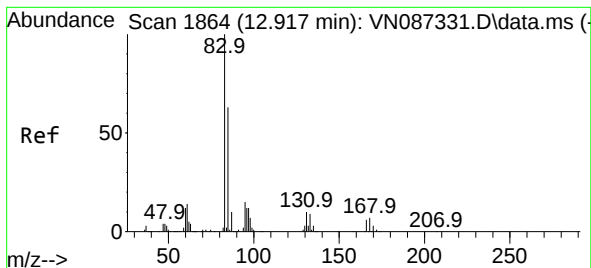


#74
N-ethyl acetate
Concen: 20.026 ug/l m
RT: 12.518 min Scan# 1796
Delta R.T. 0.024 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



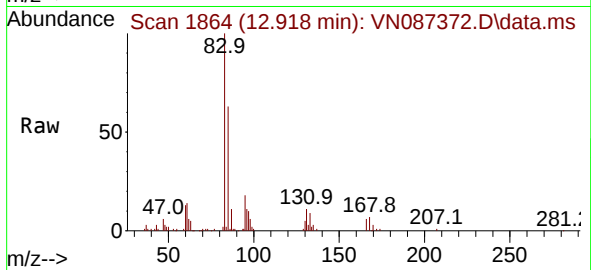
Tgt Ion: 43 Resp: 83031
Ion Ratio Lower Upper
43 100
70 17.7 37.6 56.4#
55 4.3 19.6 29.4#
61 5.8 20.6 31.0#





#75
1,1,2,2-Tetrachloroethane
Concen: 19.039 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

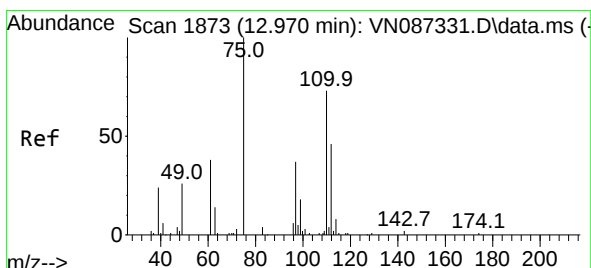
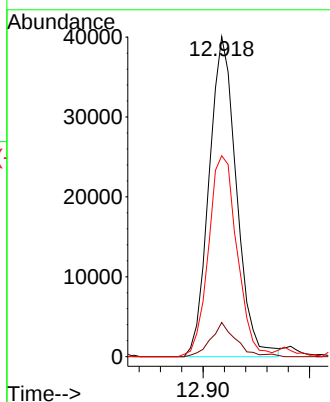
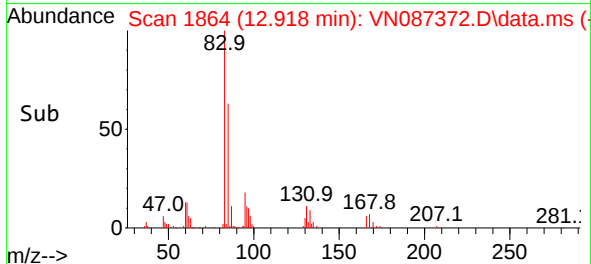
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



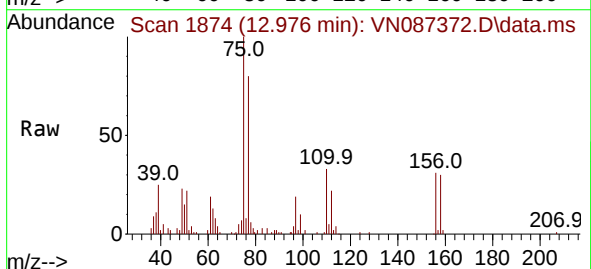
Tgt Ion: 83 Resp: 7149
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 65.4 32.5 97.4

Manual Integrations
APPROVED

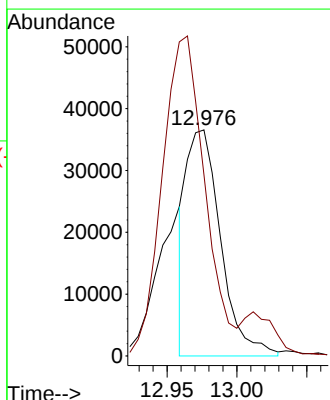
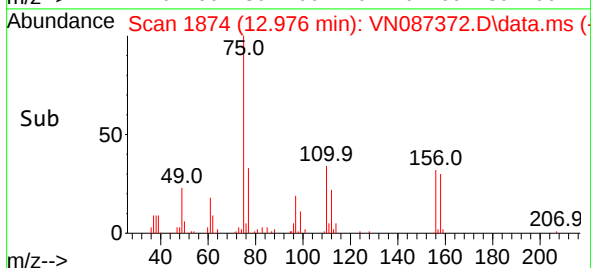
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

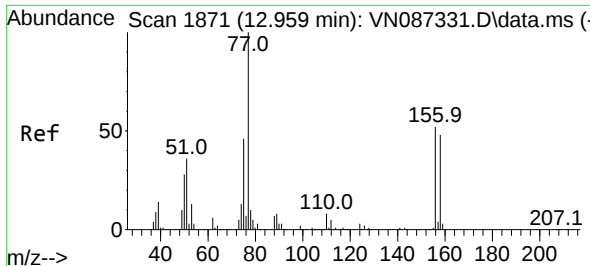


#76
1,2,3-Trichloropropane
Concen: 17.599 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



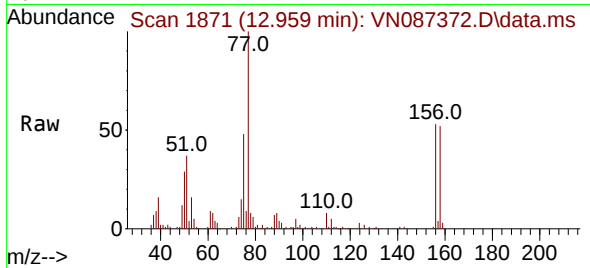
Tgt Ion: 75 Resp: 62574
Ion Ratio Lower Upper
75 100
77 175.6 94.5 283.6





#77
Bromobenzene
Concen: 18.659 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

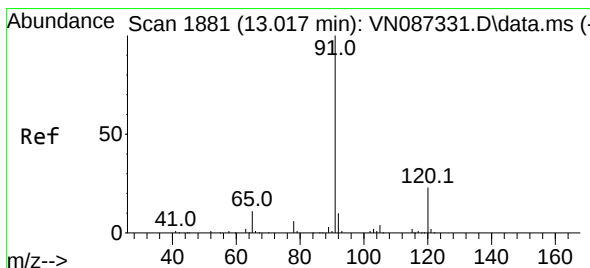
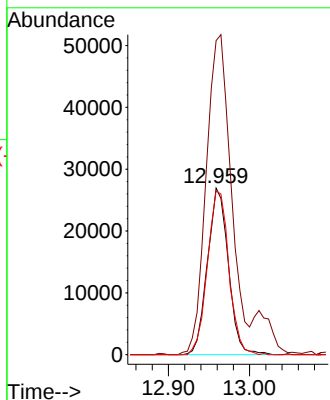
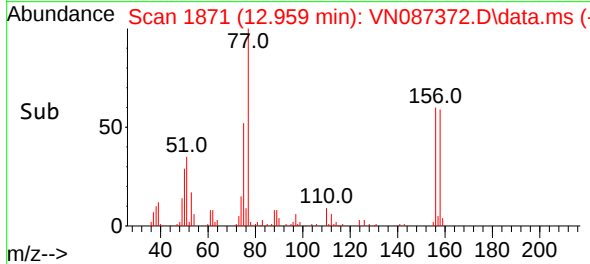
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion:156 Resp: 48290
Ion Ratio Lower Upper
156 100
77 227.6 114.9 344.6
158 100.7 48.5 145.5

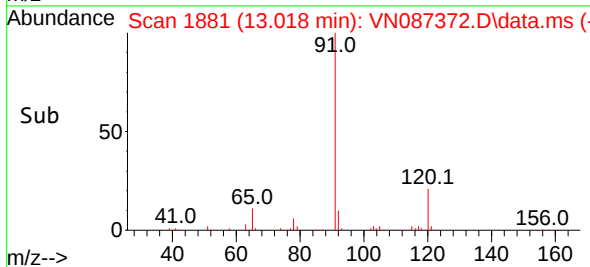
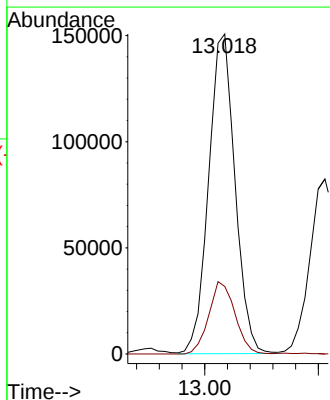
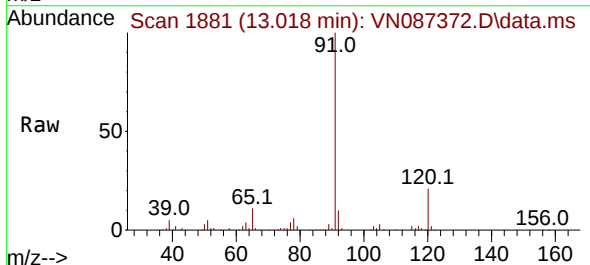
Manual Integrations
APPROVED

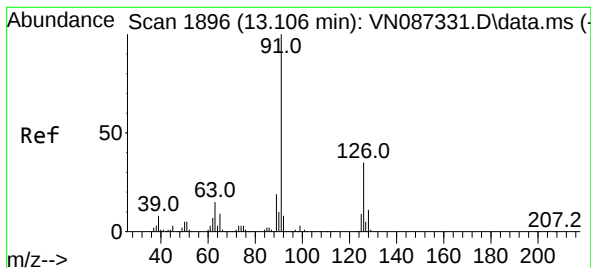
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#78
n-propylbenzene
Concen: 19.379 ug/l
RT: 13.018 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Tgt Ion: 91 Resp: 243308
Ion Ratio Lower Upper
91 100
120 22.4 11.3 33.8





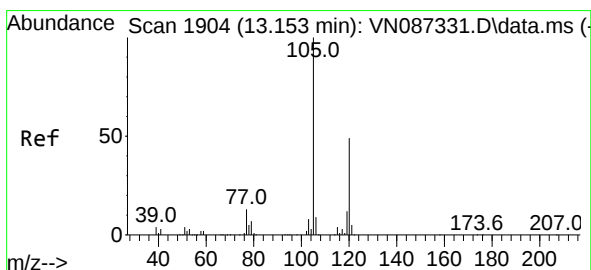
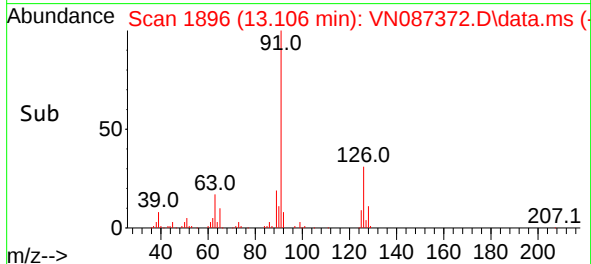
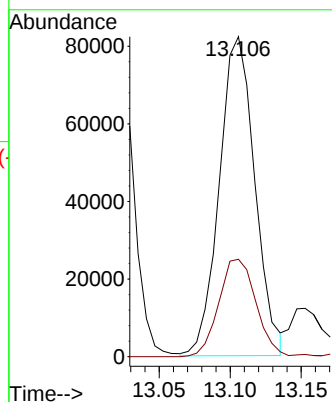
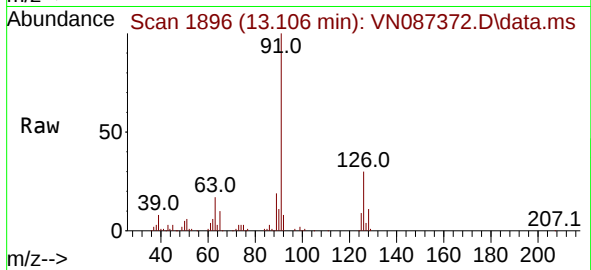
#79
2-Chlorotoluene
Concen: 18.559 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tgt Ion: 91 Resp: 14320
Ion Ratio Lower Upper
91 100
126 32.3 16.9 50.6

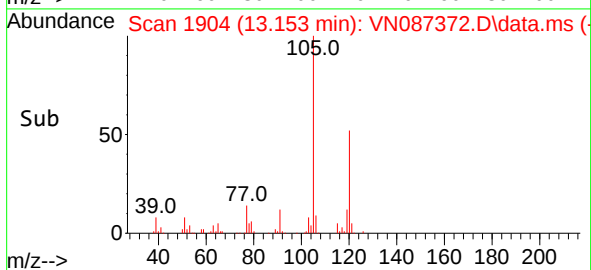
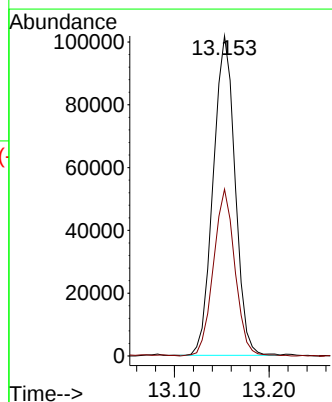
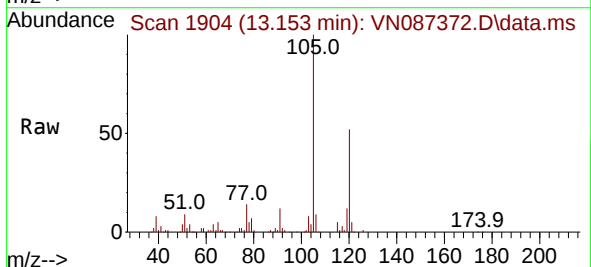
Manual Integrations
APPROVED

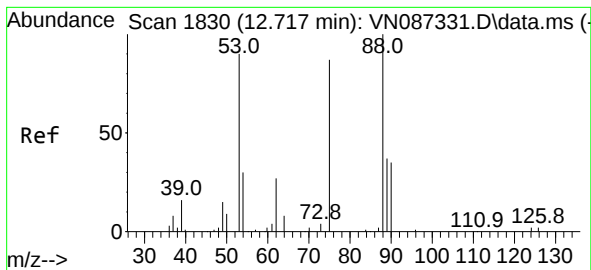
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#80
1,3,5-Trimethylbenzene
Concen: 19.152 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

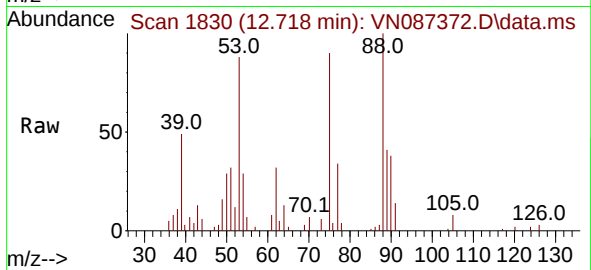
Tgt Ion:105 Resp: 162843
Ion Ratio Lower Upper
105 100
120 51.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 17.252 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

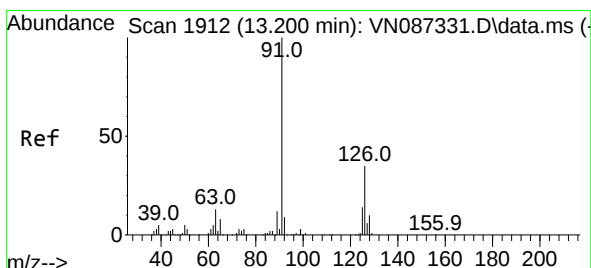
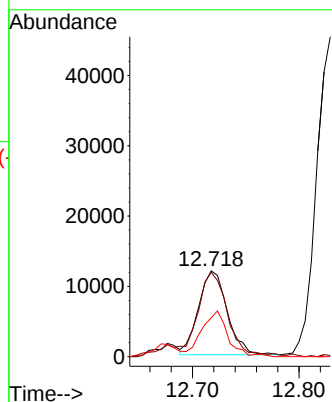
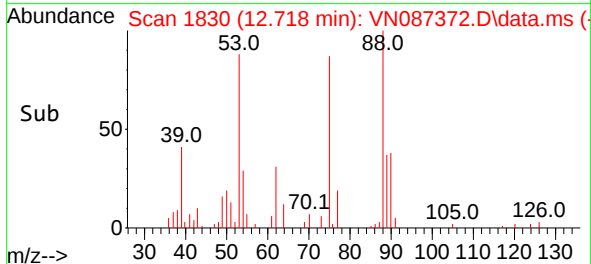
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 75 Resp: 22418
Ion Ratio Lower Upper
75 100
53 101.6 83.5 125.3
89 48.7 38.4 57.6

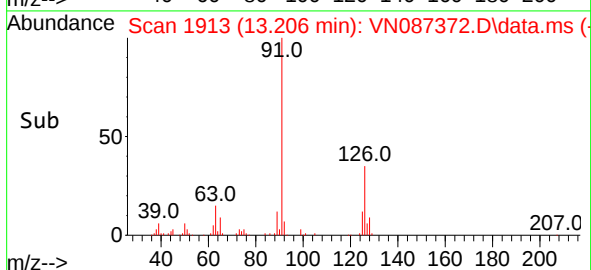
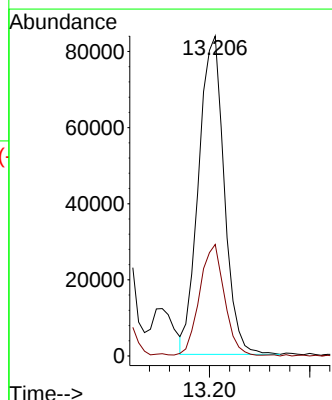
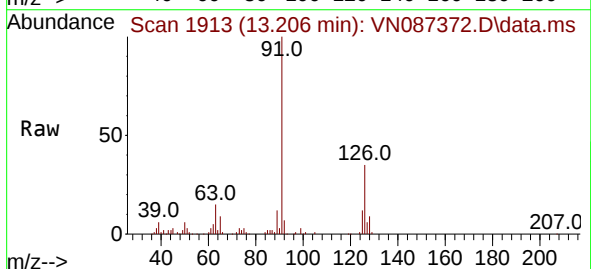
Manual Integrations
APPROVED

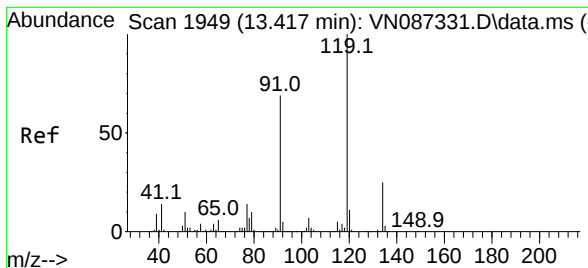
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#82
4-Chlorotoluene
Concen: 18.449 ug/l
RT: 13.206 min Scan# 1913
Delta R.T. 0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Tgt Ion: 91 Resp: 148212
Ion Ratio Lower Upper
91 100
126 34.4 16.6 49.7





#83

tert-Butylbenzene

Concen: 19.498 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VN087372.D

Acq: 21 Jul 2025 12:30

Instrument :

MSVOA_N

ClientSampleId :

VN0721WBSD01

Tgt Ion:119 Resp: 13846

Ion Ratio Lower Upper

119 100

91 70.6 35.0 105.1

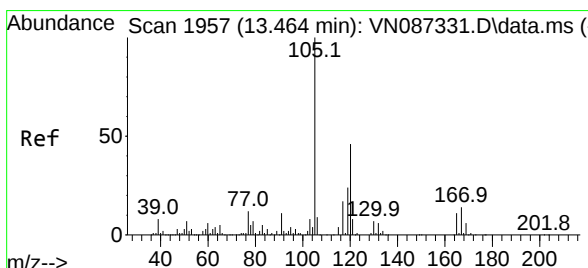
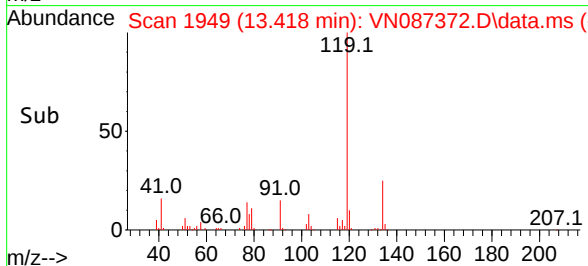
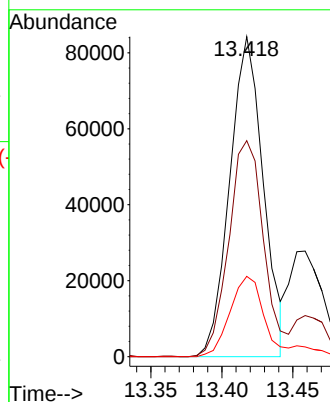
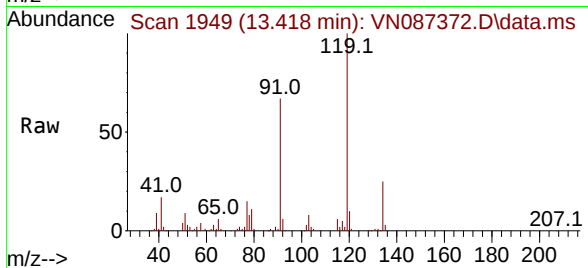
134 25.2 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/22/2025

Supervised By :Semsettin Yesilyurt 07/22/2025



#84

1,2,4-Trimethylbenzene

Concen: 19.852 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VN087372.D

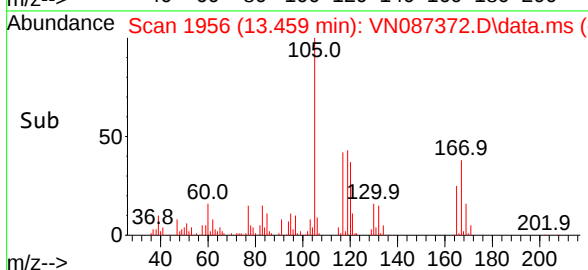
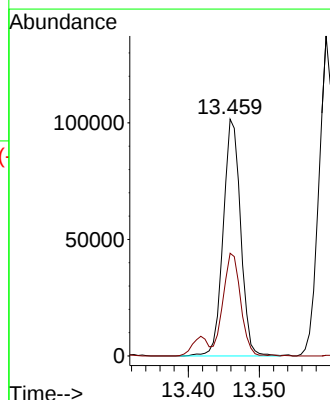
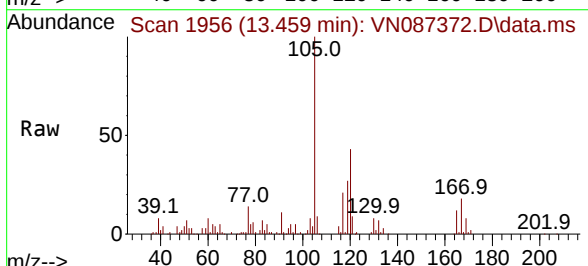
Acq: 21 Jul 2025 12:30

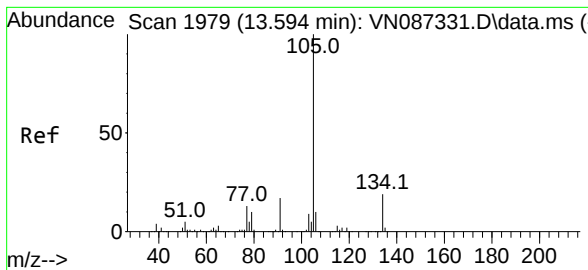
Tgt Ion:105 Resp: 172373

Ion Ratio Lower Upper

105 100

120 44.2 22.8 68.3





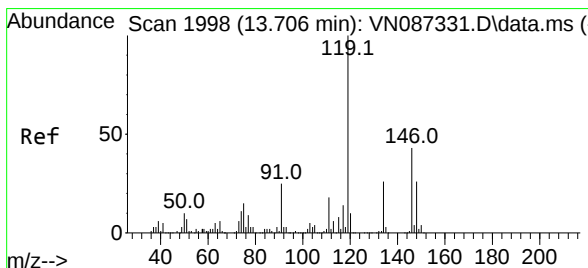
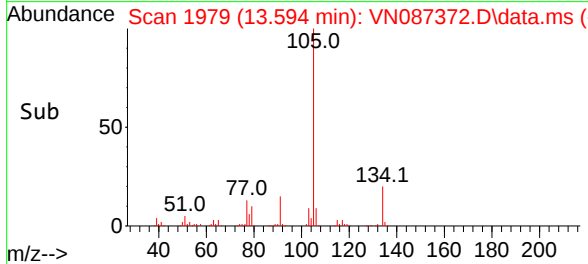
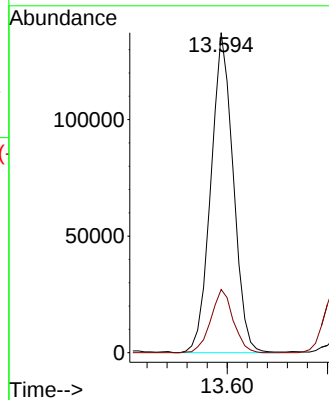
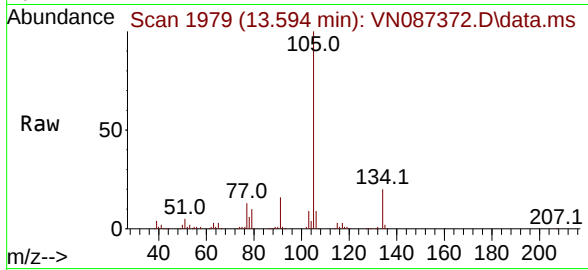
#85
 sec-Butylbenzene
 Concen: 19.859 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VN087372.D
 Acq: 21 Jul 2025 12:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD01

Tgt Ion:105 Resp: 212425
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

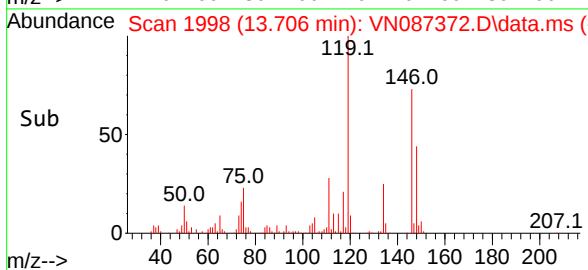
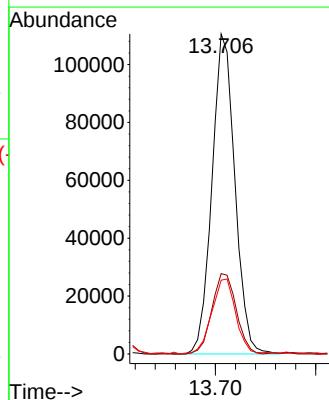
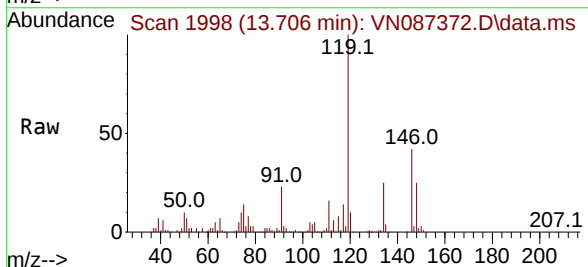
Manual Integrations
 APPROVED

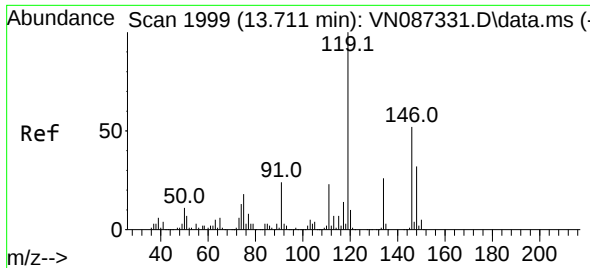
Reviewed By :John Carlone 07/22/2025
 Supervised By :Semsettin Yesilyurt 07/22/2025



#86
 p-Isopropyltoluene
 Concen: 20.419 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VN087372.D
 Acq: 21 Jul 2025 12:30

Tgt Ion:119 Resp: 175039
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.5 40.5
 91 24.8 12.2 36.6





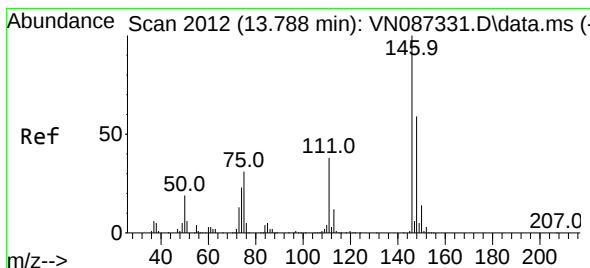
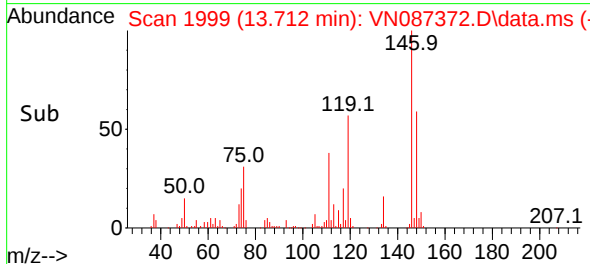
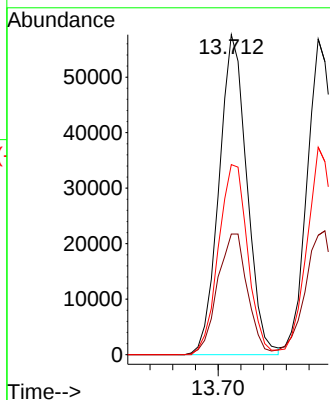
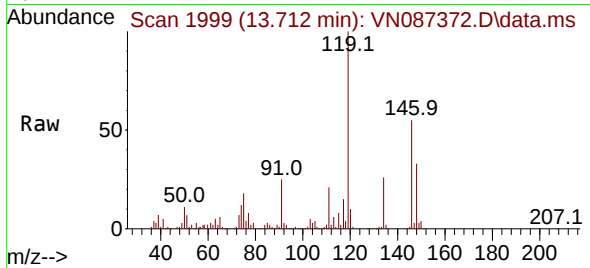
#87
1,3-Dichlorobenzene
Concen: 19.297 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tgt Ion:146 Resp: 9801
Ion Ratio Lower Upper
146 100
111 40.6 21.4 64.3
148 62.2 31.6 95.0

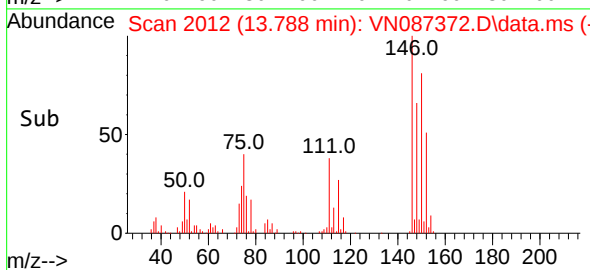
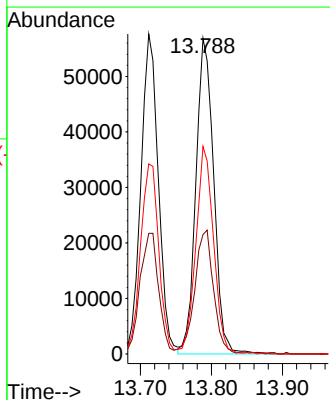
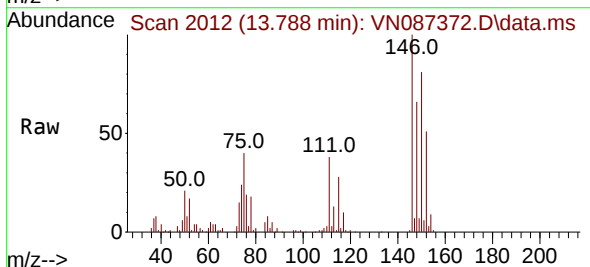
Manual Integrations
APPROVED

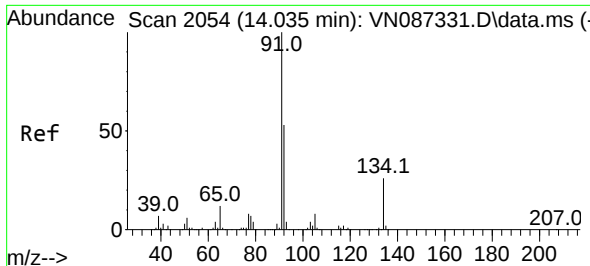
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#88
1,4-Dichlorobenzene
Concen: 18.362 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

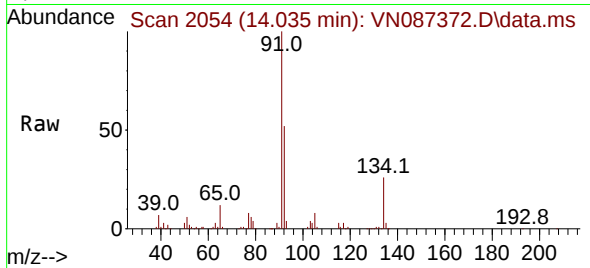
Tgt Ion:146 Resp: 99611
Ion Ratio Lower Upper
146 100
111 40.7 19.6 58.7
148 64.6 31.4 94.0





#89
n-Butylbenzene
Concen: 20.587 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

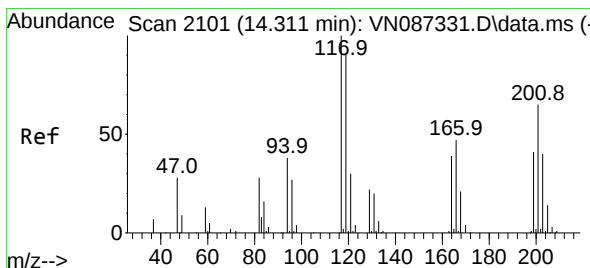
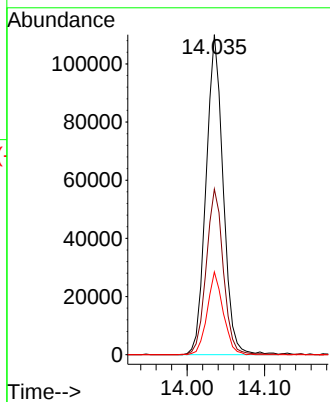
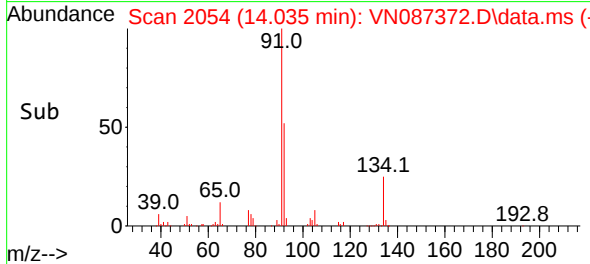
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



Tgt Ion: 91 Resp: 168514
Ion Ratio Lower Upper
91 100
92 51.8 26.2 78.6
134 24.2 12.4 37.2

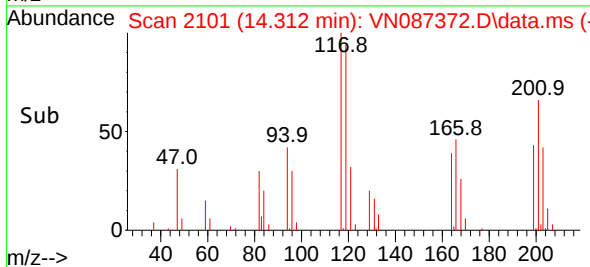
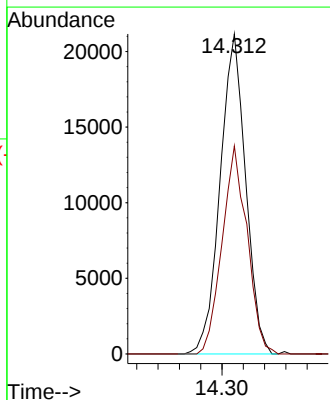
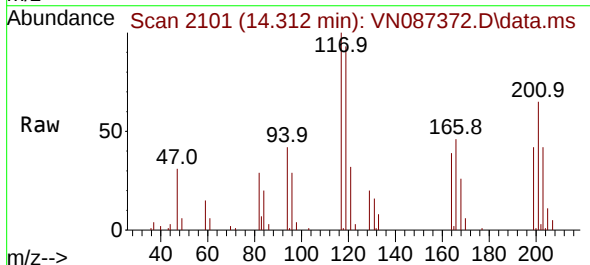
Manual Integrations
APPROVED

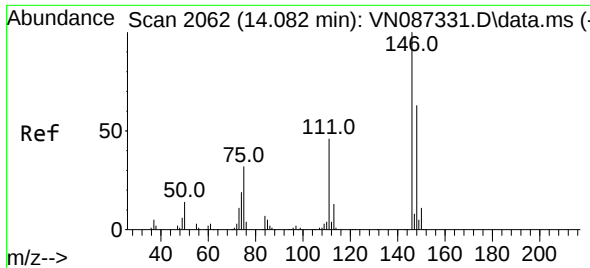
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#90
Hexachloroethane
Concen: 19.360 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Tgt Ion:117 Resp: 35162
Ion Ratio Lower Upper
117 100
201 63.9 32.8 98.4





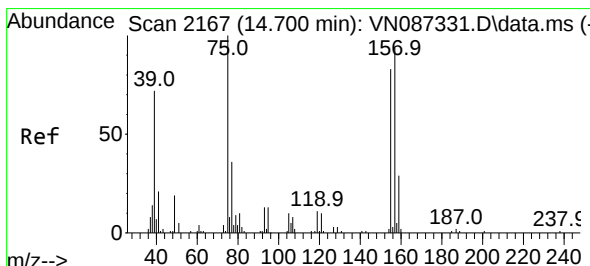
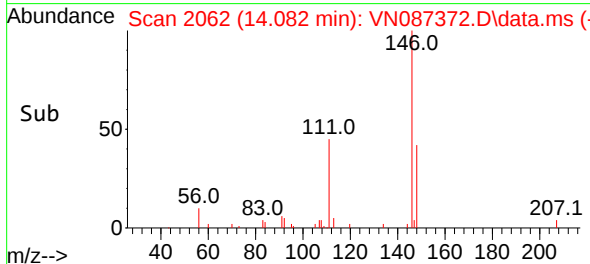
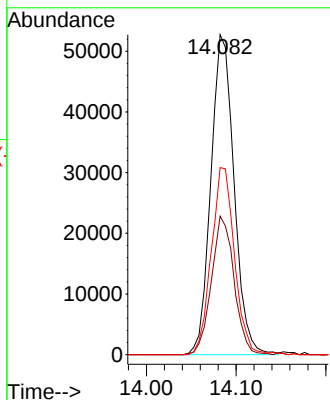
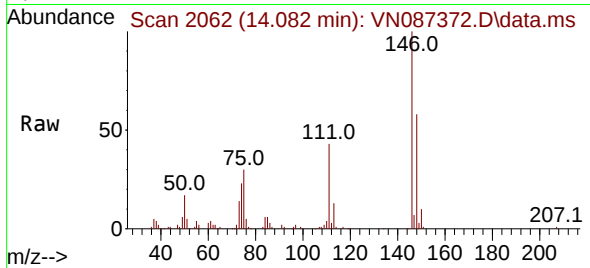
#91
1,2-Dichlorobenzene
Concen: 19.659 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01

Tgt Ion:146 Resp: 9460
Ion Ratio Lower Upper
146 100
111 42.2 22.0 66.0
148 58.8 32.7 98.1

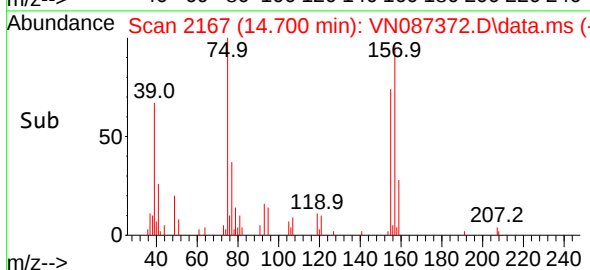
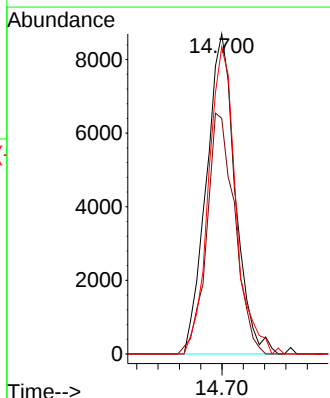
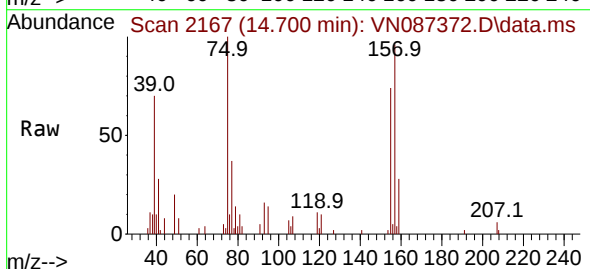
Manual Integrations
APPROVED

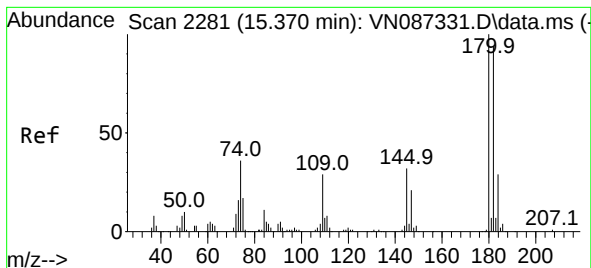
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.647 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

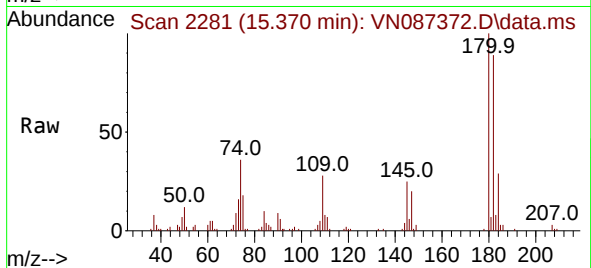
Tgt Ion: 75 Resp: 16412
Ion Ratio Lower Upper
75 100
155 72.6 37.3 111.8
157 90.4 46.2 138.6





#93
1,2,4-Trichlorobenzene
Concen: 18.545 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

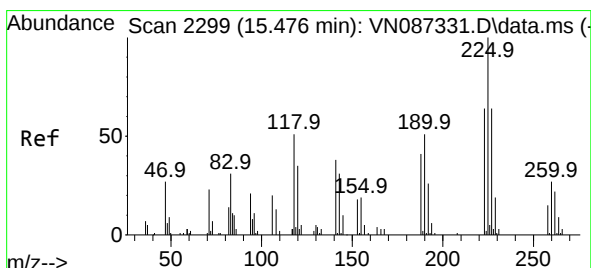
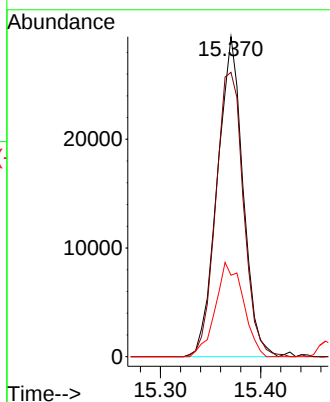
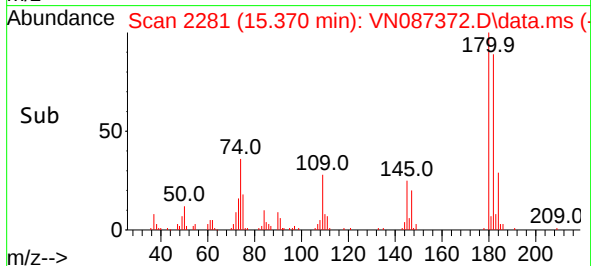
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



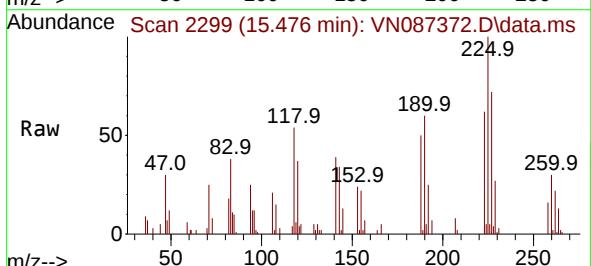
Tgt Ion:180 Resp: 52419
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.8
145 31.9 15.4 46.4

Manual Integrations
APPROVED

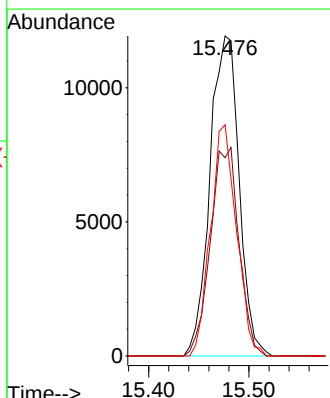
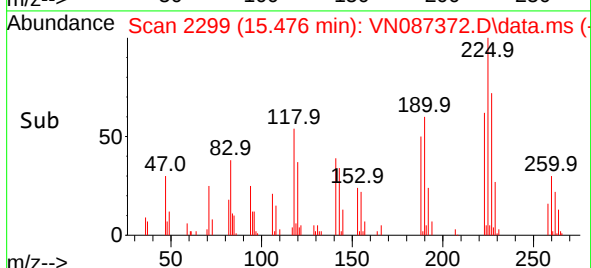
Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025

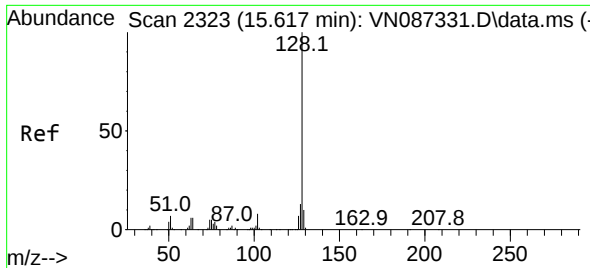


#94
Hexachlorobutadiene
Concen: 22.935 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



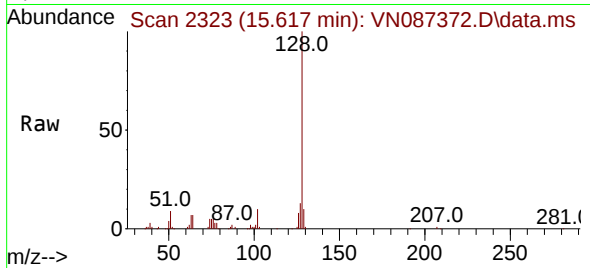
Tgt Ion:225 Resp: 24088
Ion Ratio Lower Upper
225 100
223 64.0 32.1 96.3
227 64.7 31.3 93.9





#95
Naphthalene
Concen: 17.229 ug/l
RT: 15.617 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30

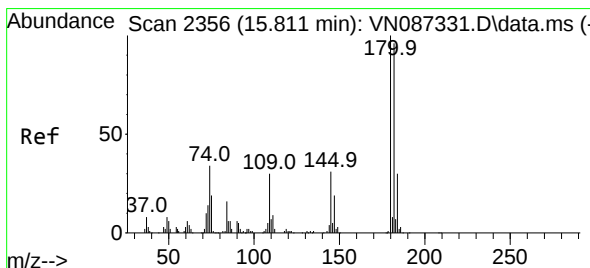
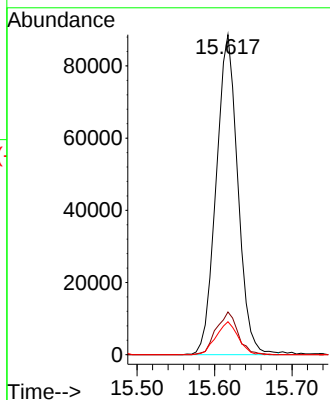
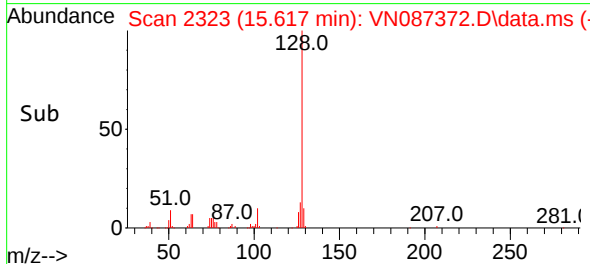
Instrument :
MSVOA_N
ClientSampleId :
VN0721WBSD01



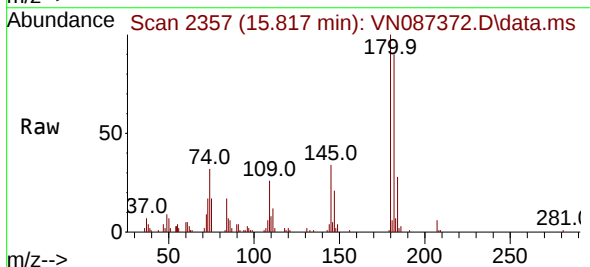
Tgt Ion:128 Resp: 17252
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.5 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/22/2025
Supervised By :Semsettin Yesilyurt 07/22/2025



#96
1,2,3-Trichlorobenzene
Concen: 18.358 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN087372.D
Acq: 21 Jul 2025 12:30



Tgt Ion:180 Resp: 52053
Ion Ratio Lower Upper
180 100
182 95.4 47.1 141.4
145 35.6 16.9 50.6

