

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111025\
 Data File : VN088239.D
 Acq On : 10 Nov 2025 14:44
 Operator : JC\MD
 Sample : VN1110MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2025
 Supervised By : Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:52:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	286176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	524957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	463912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	223747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	271871	54.939	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.880%			
35) Dibromofluoromethane	8.147	113	189946	53.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.720%			
50) Toluene-d8	10.547	98	680100	50.048	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.100%			
62) 4-Bromofluorobenzene	12.829	95	243684	50.777	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	57910	17.940	ug/l	98
3) Chloromethane	2.383	50	72257	19.027	ug/l	100
4) Vinyl Chloride	2.536	62	75586	18.267	ug/l	93
5) Bromomethane	2.977	94	44578	18.011	ug/l	90
6) Chloroethane	3.136	64	52658	17.663	ug/l	98
7) Trichlorofluoromethane	3.506	101	113104	17.138	ug/l	95
8) Diethyl Ether	3.959	74	47057	19.185	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	62227	18.272	ug/l	96
10) Methyl Iodide	4.588	142	64413	20.696	ug/l	93
11) Tert butyl alcohol	5.524	59	102797	120.578	ug/l	98
12) 1,1-Dichloroethene	4.336	96	61188	17.011	ug/l	96
13) Acrolein	4.171	56	105961	110.497	ug/l	98
14) Allyl chloride	5.012	41	127443	20.214	ug/l	99
15) Acrylonitrile	5.706	53	266578	114.793	ug/l	99
16) Acetone	4.424	43	255432	102.744	ug/l	99
17) Carbon Disulfide	4.706	76	191306	17.496	ug/l	100
18) Methyl Acetate	5.024	43	126675	24.889	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	286298	21.674	ug/l	99
20) Methylene Chloride	5.265	84	84700	20.296	ug/l	97
21) trans-1,2-Dichloroethene	5.771	96	73428	18.598	ug/l	97
22) Diisopropyl ether	6.659	45	292427	22.055	ug/l	97
23) Vinyl Acetate	6.588	43	1332680	111.584	ug/l	98
24) 1,1-Dichloroethane	6.553	63	153128	20.849	ug/l	98
25) 2-Butanone	7.471	43	370702	113.146	ug/l	100
26) 2,2-Dichloropropane	7.471	77	128373	19.234	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	91672	20.169	ug/l	96
28) Bromochloromethane	7.800	49	75341	21.710	ug/l	98
29) Tetrahydrofuran	7.824	42	240366	112.574	ug/l	97
30) Chloroform	7.947	83	156117	21.277	ug/l	99
31) Cyclohexane	8.241	56	128971	18.619	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	130641	19.991	ug/l	97
36) 1,1-Dichloropropene	8.353	75	103201	20.042	ug/l	99
37) Ethyl Acetate	7.547	43	147864	22.251	ug/l	96
38) Carbon Tetrachloride	8.341	117	106706	20.063	ug/l	97
39) Methylcyclohexane	9.582	83	116451	17.594	ug/l	96
40) Benzene	8.582	78	322180	20.544	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111025\
 Data File : VN088239.D
 Acq On : 10 Nov 2025 14:44
 Operator : JC\MD
 Sample : VN1110MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110MBS01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:52:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	76338	21.827	ug/l	98
42) 1,2-Dichloroethane	8.653	62	132408	23.763	ug/l	99
43) Isopropyl Acetate	8.671	43	235397	23.053	ug/l	99
44) Trichloroethene	9.329	130	71838	19.598	ug/l	99
45) 1,2-Dichloropropane	9.600	63	84327	21.299	ug/l	97
46) Dibromomethane	9.688	93	64867	22.973	ug/l	98
47) Bromodichloromethane	9.865	83	126199	22.323	ug/l	95
48) Methyl methacrylate	9.665	41	107083	22.715	ug/l	99
49) 1,4-Dioxane	9.682	88	29875	509.523	ug/l #	98
51) 4-Methyl-2-Pentanone	10.423	43	714367	118.258	ug/l	100
52) Toluene	10.606	92	194635	20.130	ug/l	98
53) t-1,3-Dichloropropene	10.818	75	130523	21.693	ug/l	99
54) cis-1,3-Dichloropropene	10.288	75	137666	21.562	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	79332	21.627	ug/l	95
56) Ethyl methacrylate	10.859	69	127759	22.009	ug/l	98
57) 1,3-Dichloropropane	11.141	76	141607	21.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	323523	107.145	ug/l	100
59) 2-Hexanone	11.176	43	442503	110.425	ug/l	96
60) Dibromochloromethane	11.335	129	89010	21.349	ug/l	99
61) 1,2-Dibromoethane	11.447	107	79672	21.104	ug/l	97
64) Tetrachloroethene	11.082	164	60660	19.823	ug/l	94
65) Chlorobenzene	11.870	112	206570	19.610	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.941	131	74806	21.676	ug/l	100
67) Ethyl Benzene	11.941	91	362863	19.624	ug/l	99
68) m/p-Xylenes	12.053	106	272912	39.392	ug/l	100
69) o-Xylene	12.376	106	133604	20.343	ug/l	100
70) Styrene	12.394	104	219599	20.505	ug/l	98
71) Bromoform	12.559	173	56796	22.052	ug/l #	98
73) Isopropylbenzene	12.676	105	344723	19.976	ug/l	100
74) N-amyl acetate	12.612	43	100104m	20.434	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.917	83	119688	22.277	ug/l	99
76) 1,2,3-Trichloropropane	12.976	75	109391m	21.384	ug/l	
77) Bromobenzene	12.959	156	81882	22.004	ug/l	98
78) n-propylbenzene	13.011	91	418225	19.859	ug/l	99
79) 2-Chlorotoluene	13.106	91	251446	20.937	ug/l	98
80) 1,3,5-Trimethylbenzene	13.153	105	292753	20.426	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	33798	18.430	ug/l #	94
82) 4-Chlorotoluene	13.200	91	262569	20.208	ug/l	100
83) tert-Butylbenzene	13.417	119	244168	19.071	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	295179	20.585	ug/l	98
85) sec-Butylbenzene	13.594	105	361300	19.208	ug/l	99
86) p-Isopropyltoluene	13.706	119	301885	20.006	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	152463	20.523	ug/l	98
88) 1,4-Dichlorobenzene	13.794	146	160973	20.175	ug/l	98
89) n-Butylbenzene	14.035	91	292803	19.590	ug/l	100
90) Hexachloroethane	14.311	117	57458	19.663	ug/l	97
91) 1,2-Dichlorobenzene	14.088	146	145697	20.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	28385	22.699	ug/l	91
93) 1,2,4-Trichlorobenzene	15.370	180	87090	20.082	ug/l	98
94) Hexachlorobutadiene	15.476	225	34722	21.500	ug/l	99
95) Naphthalene	15.617	128	294766	19.840	ug/l	100
96) 1,2,3-Trichlorobenzene	15.817	180	80113	19.266	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111025\
Data File : VN088239.D
Acq On : 10 Nov 2025 14:44
Operator : JC\MD
Sample : VN1110MBSD01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

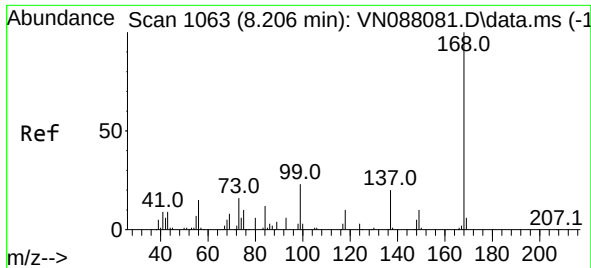
Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

Quant Time: Nov 11 03:52:42 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

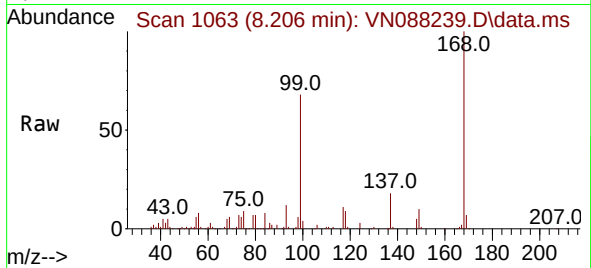
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = 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. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

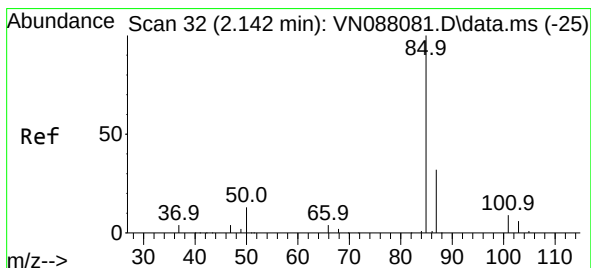
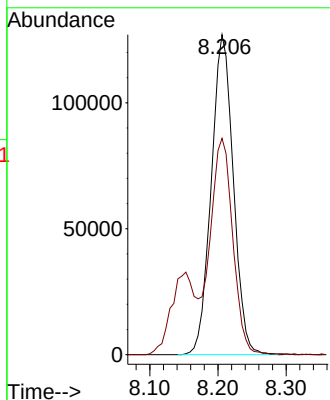
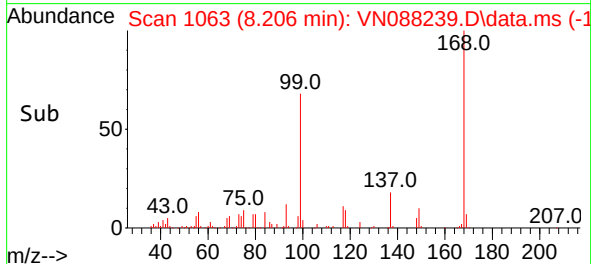
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion:168 Resp: 286170
Ion Ratio Lower Upper
168 100
99 67.3 57.2 85.8

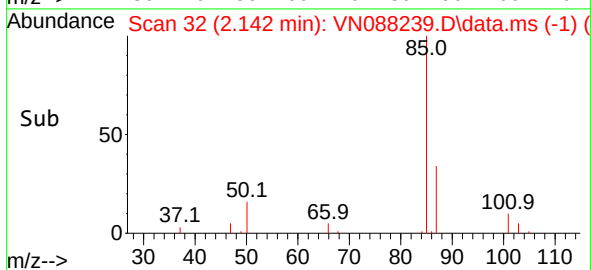
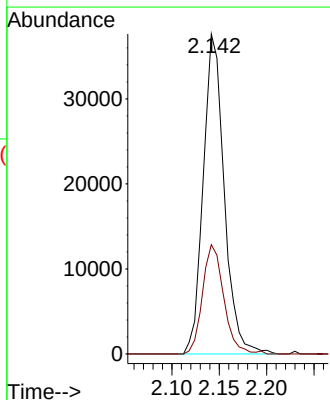
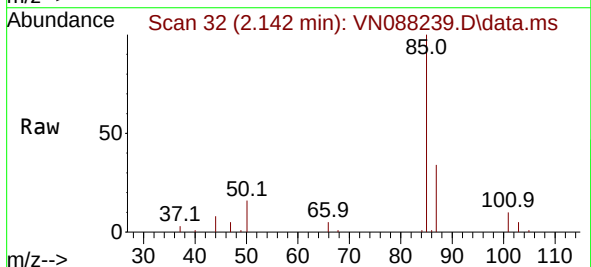
Manual Integrations
APPROVED

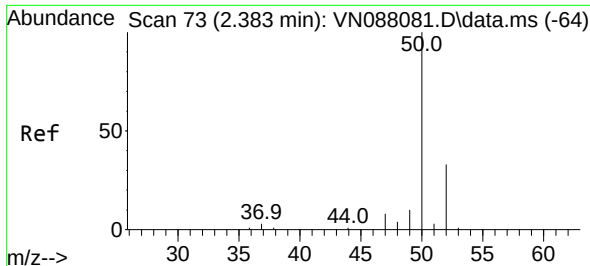
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#2
Dichlorodifluoromethane
Concen: 17.940 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 85 Resp: 57910
Ion Ratio Lower Upper
85 100
87 34.2 16.6 49.8





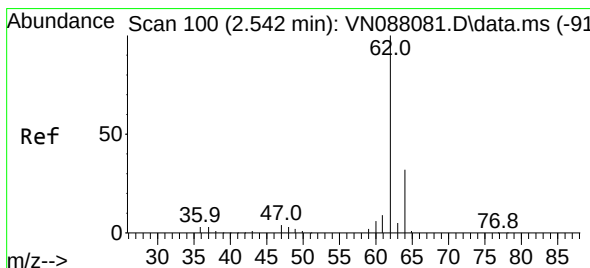
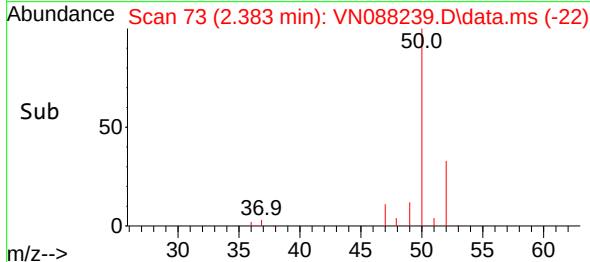
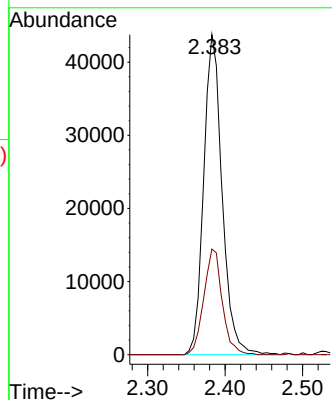
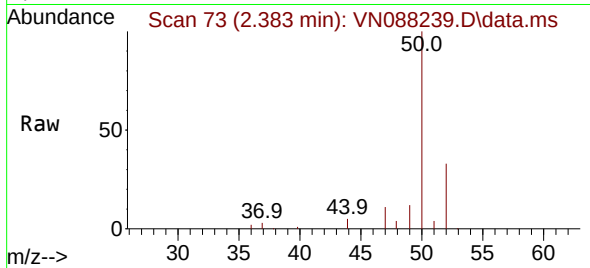
#3
Chloromethane
Concen: 19.027 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

Tgt Ion: 50 Resp: 7225
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.4

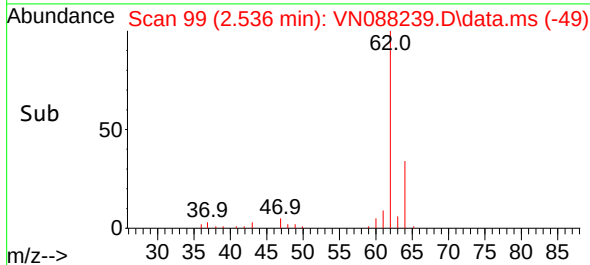
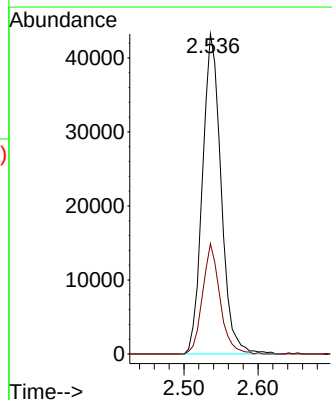
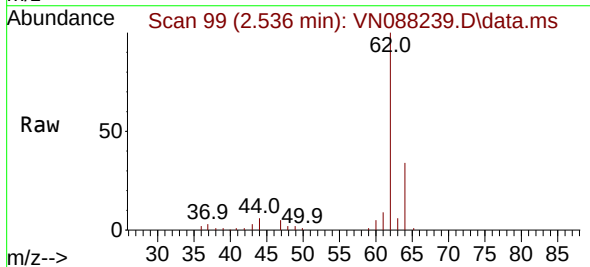
Manual Integrations
APPROVED

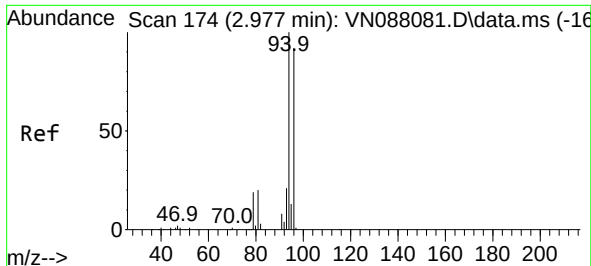
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#4
Vinyl Chloride
Concen: 18.267 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

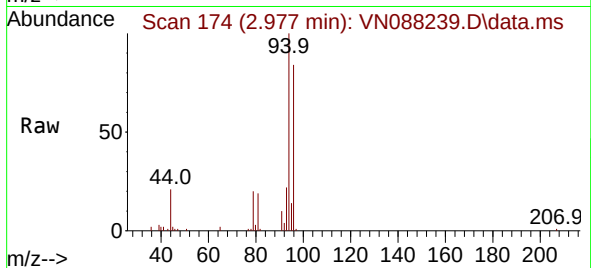
Tgt Ion: 62 Resp: 75586
Ion Ratio Lower Upper
62 100
64 34.4 24.6 37.0





#5
Bromomethane
Concen: 18.011 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

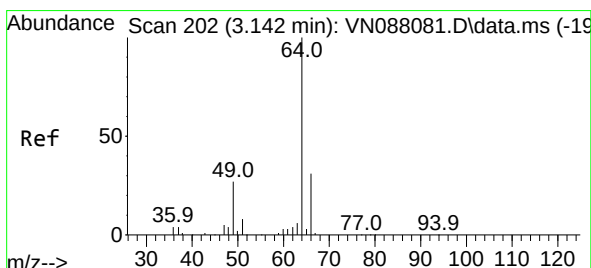
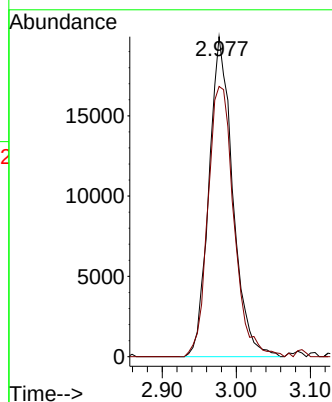
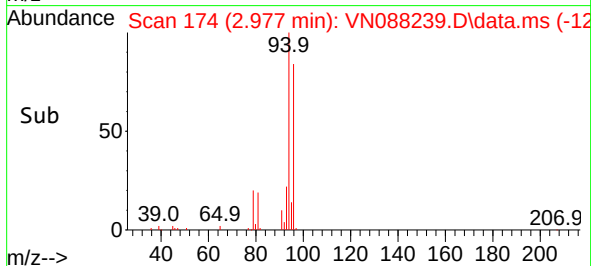
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion: 94 Resp: 44578
Ion Ratio Lower Upper
94 100
96 84.5 75.4 113.2

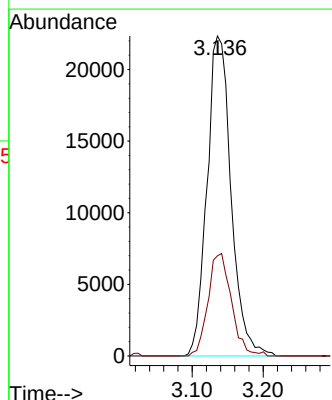
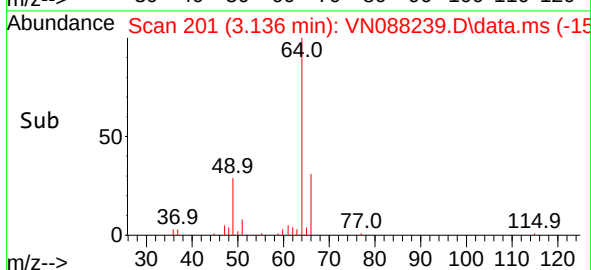
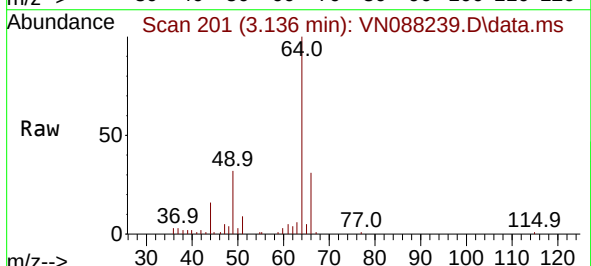
Manual Integrations
APPROVED

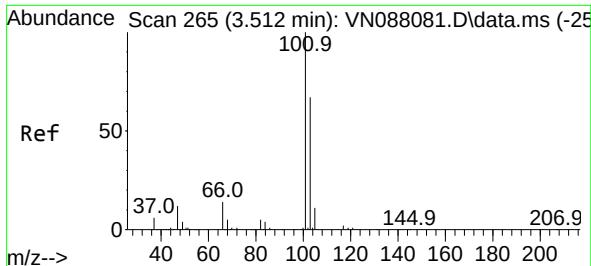
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#6
Chloroethane
Concen: 17.663 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

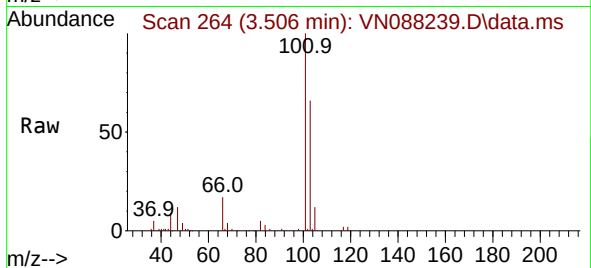
Tgt Ion: 64 Resp: 52658
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 17.138 ug/l
 RT: 3.506 min Scan# 265
 Delta R.T. -0.006 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

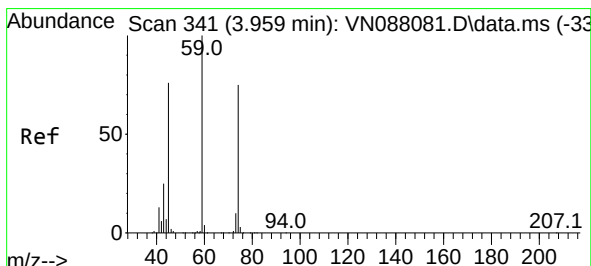
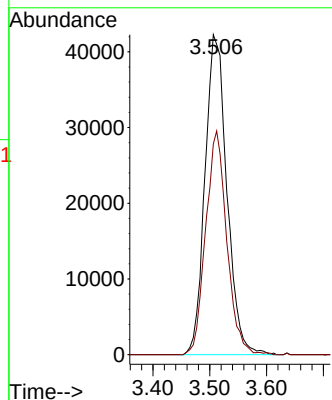
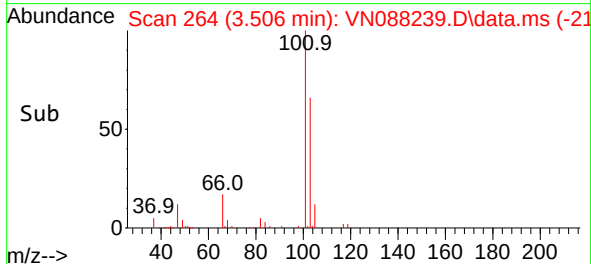
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110MBS01



Tgt Ion:101 Resp: 113104
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.4 74.0

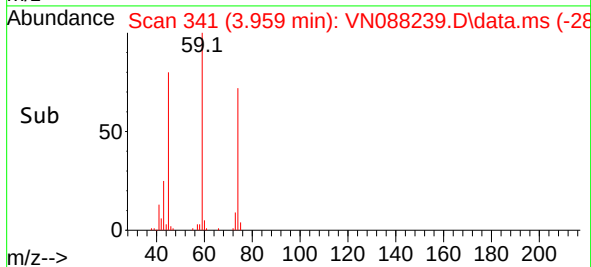
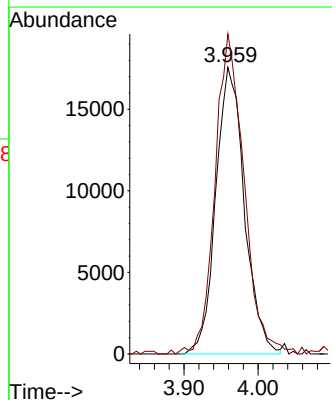
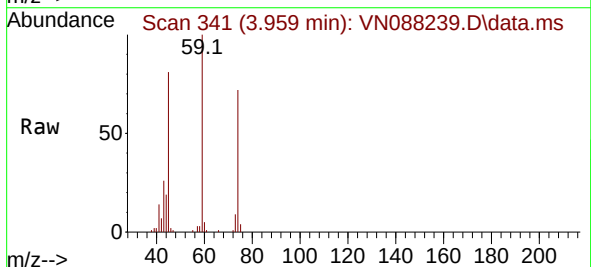
Manual Integrations
 APPROVED

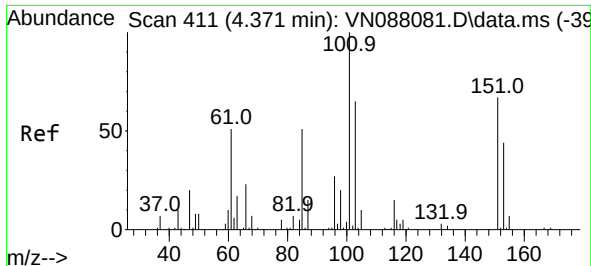
Reviewed By :John Carlone 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025



#8
 Diethyl Ether
 Concen: 19.185 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

Tgt Ion: 74 Resp: 47057
 Ion Ratio Lower Upper
 74 100
 45 113.3 50.6 151.9





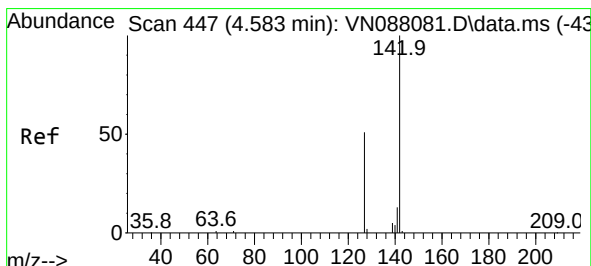
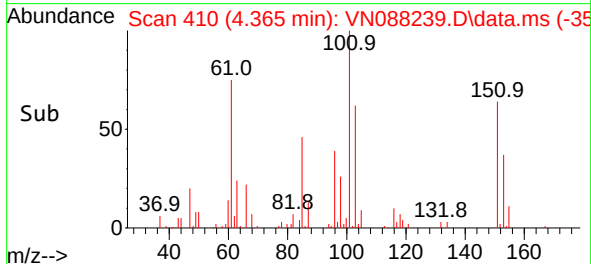
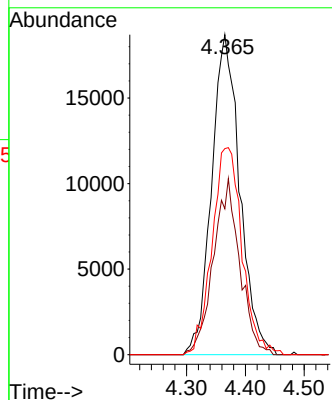
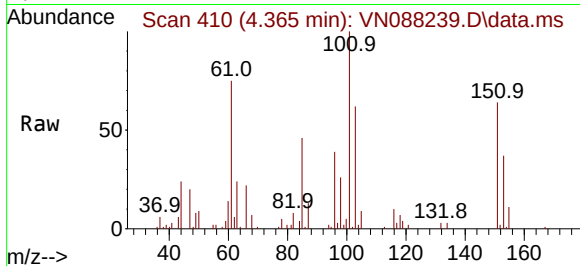
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.272 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

Tgt Ion:101 Resp: 6222
Ion Ratio Lower Upper
101 100
85 51.5 36.6 55.0
151 68.8 54.7 82.1

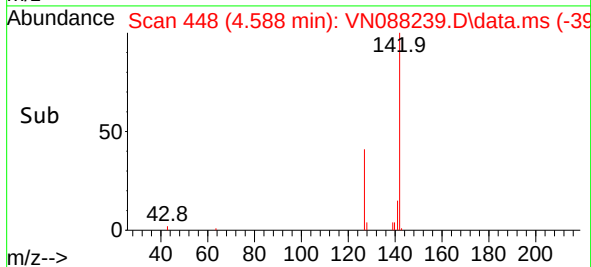
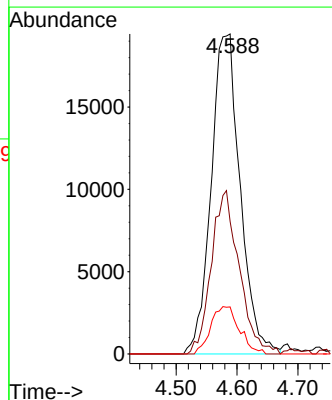
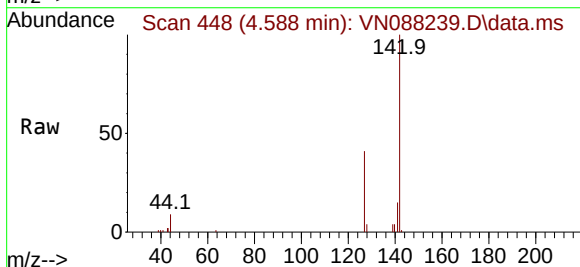
Manual Integrations
APPROVED

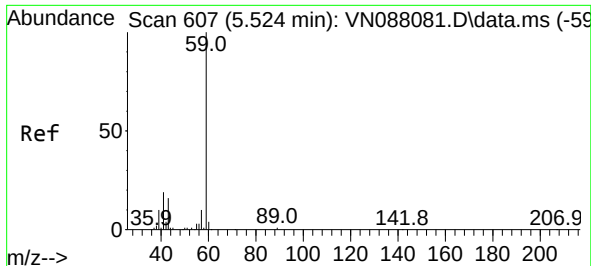
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#10
Methyl Iodide
Concen: 20.696 ug/l
RT: 4.588 min Scan# 448
Delta R.T. 0.011 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

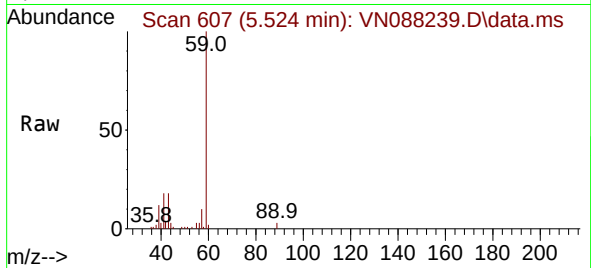
Tgt Ion:142 Resp: 64413
Ion Ratio Lower Upper
142 100
127 41.4 38.0 57.0
141 14.7 12.0 18.0





#11
Tert butyl alcohol
Concen: 120.578 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

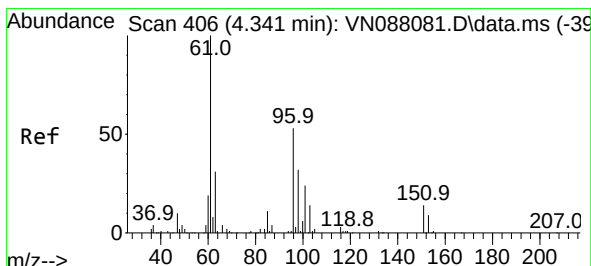
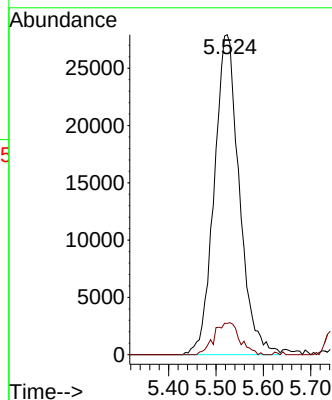
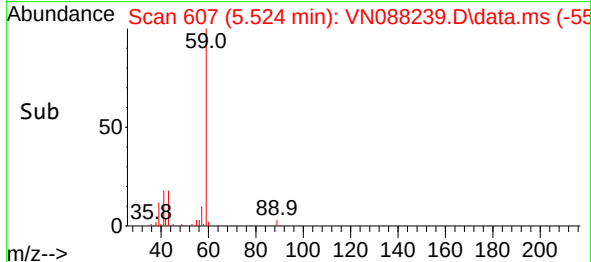
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



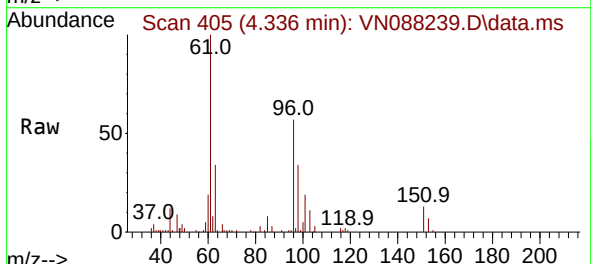
Tgt Ion: 59 Resp: 10279
Ion Ratio Lower Upper
59 100
57 10.3 9.0 13.4

Manual Integrations
APPROVED

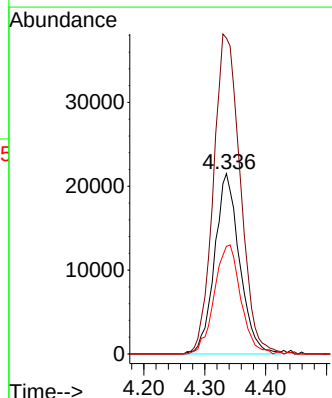
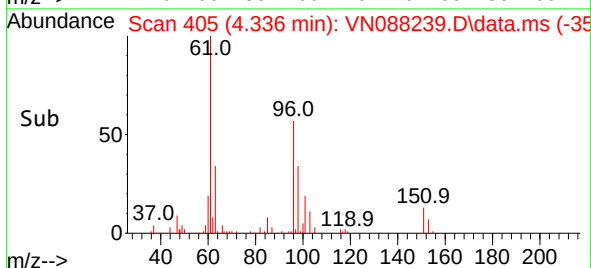
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

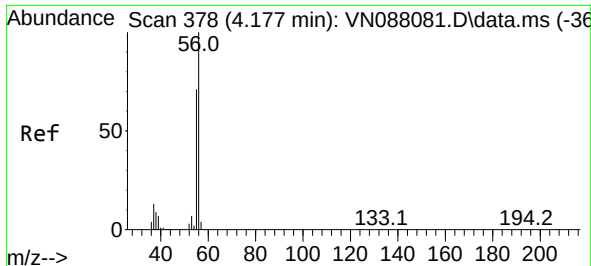


#12
1,1-Dichloroethene
Concen: 17.011 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44



Tgt Ion: 96 Resp: 61188
Ion Ratio Lower Upper
96 100
61 175.1 143.8 215.8
98 59.7 52.1 78.1





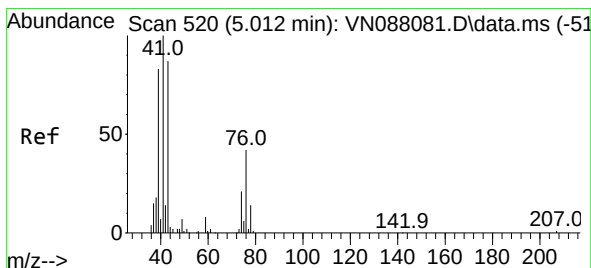
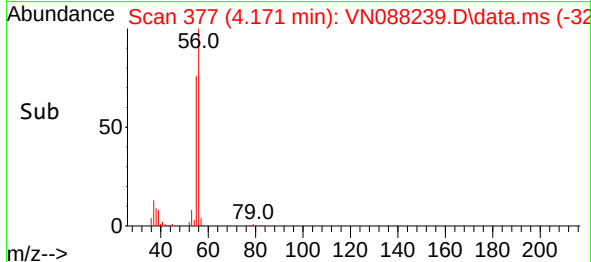
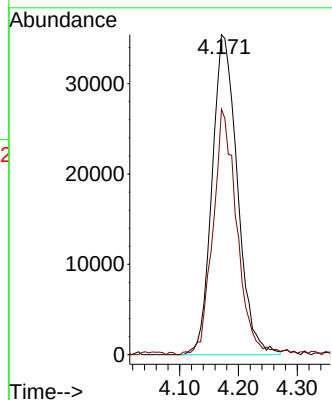
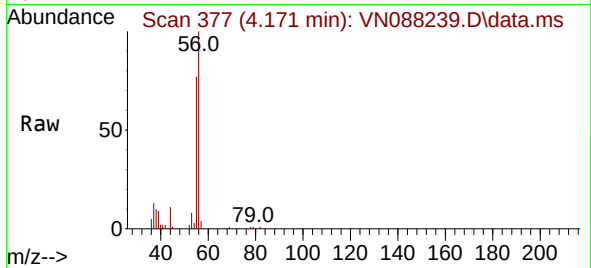
#13
Acrolein
Concen: 110.497 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

Tgt Ion: 56 Resp: 10596
Ion Ratio Lower Upper
56 100
55 73.0 57.3 85.9

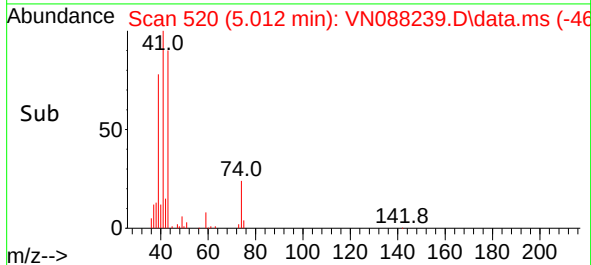
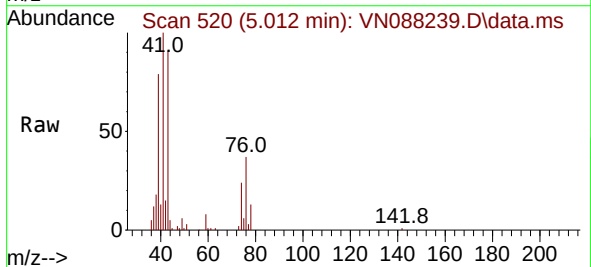
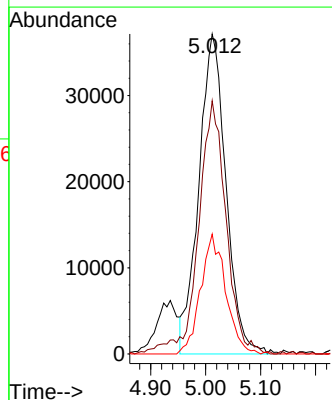
Manual Integrations
APPROVED

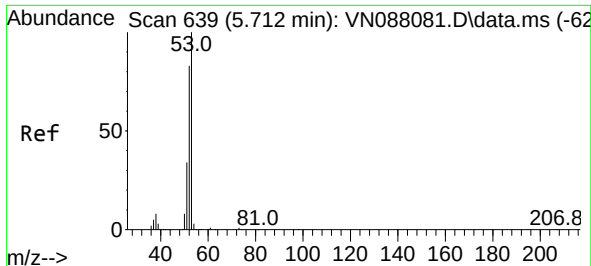
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#14
Allyl chloride
Concen: 20.214 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

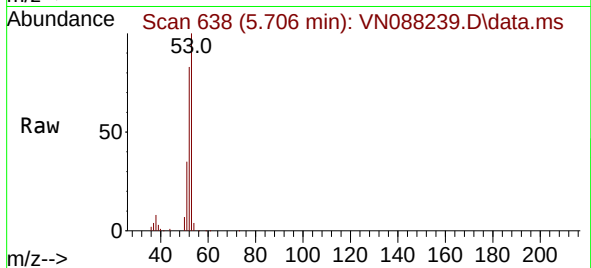
Tgt Ion: 41 Resp: 127443
Ion Ratio Lower Upper
41 100
39 80.5 63.9 95.9
76 34.7 28.1 42.1





#15
Acrylonitrile
Concen: 114.793 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

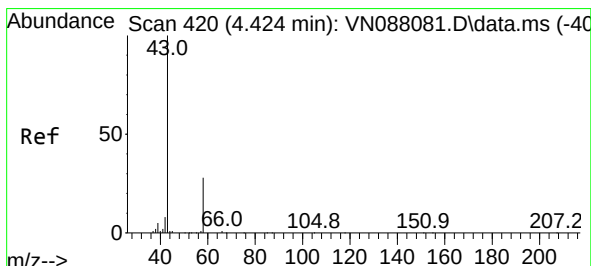
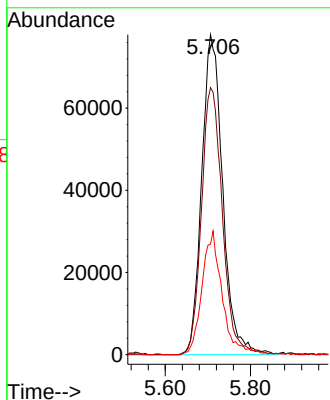
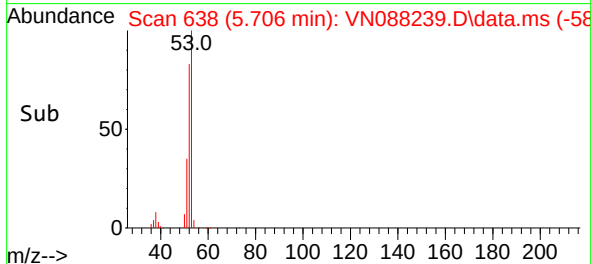
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion: 53 Resp: 266578
Ion Ratio Lower Upper
53 100
52 83.1 67.6 101.4
51 37.2 30.1 45.1

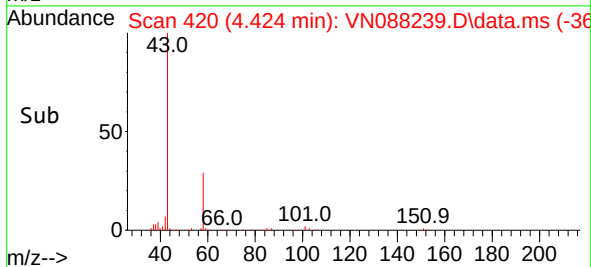
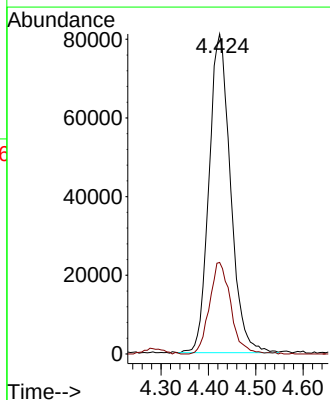
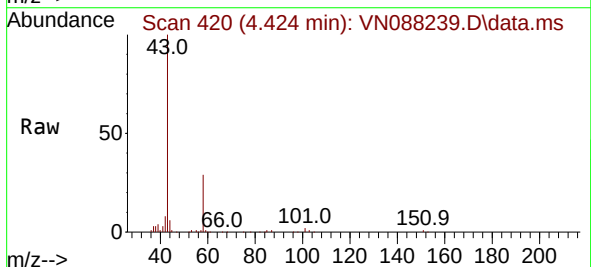
Manual Integrations
APPROVED

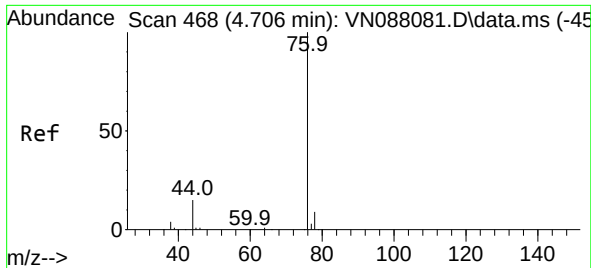
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#16
Acetone
Concen: 102.744 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 43 Resp: 255432
Ion Ratio Lower Upper
43 100
58 28.7 22.6 33.8





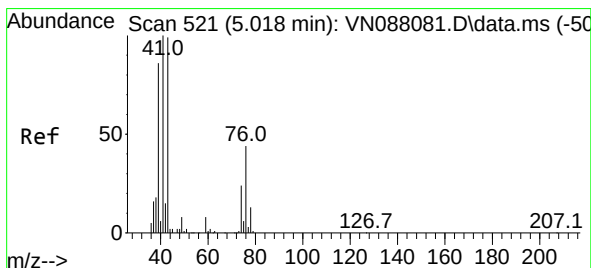
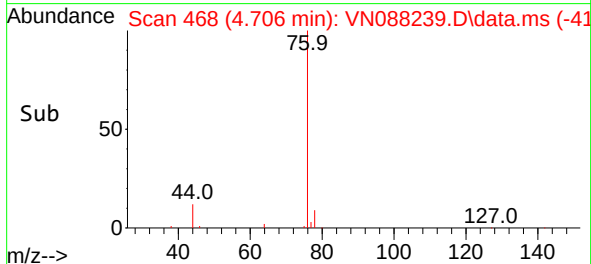
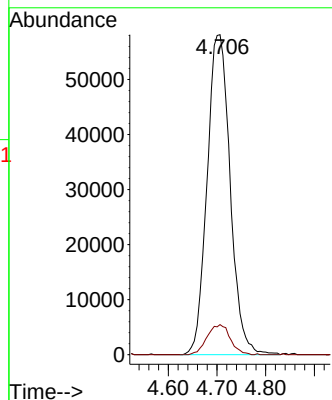
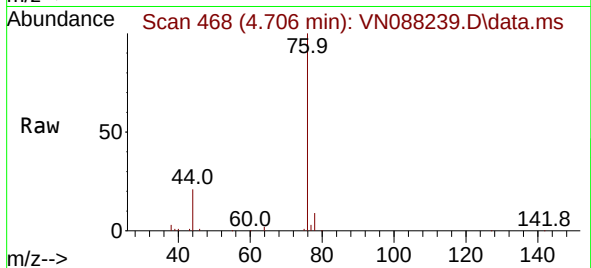
#17
Carbon Disulfide
Concen: 17.496 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

Tgt Ion: 76 Resp: 191300
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

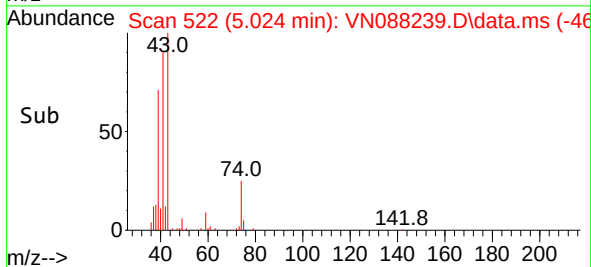
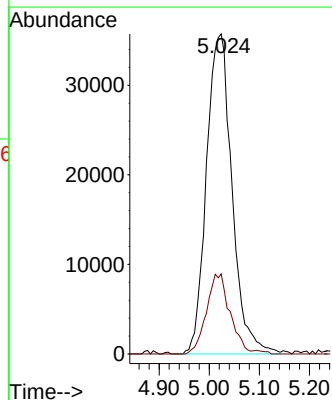
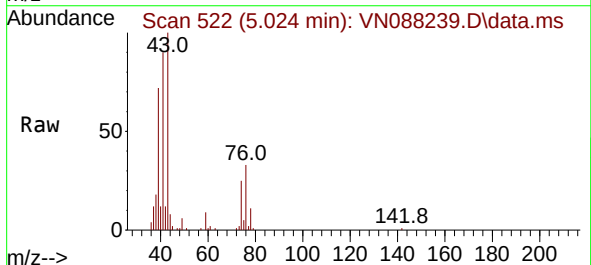
Manual Integrations
APPROVED

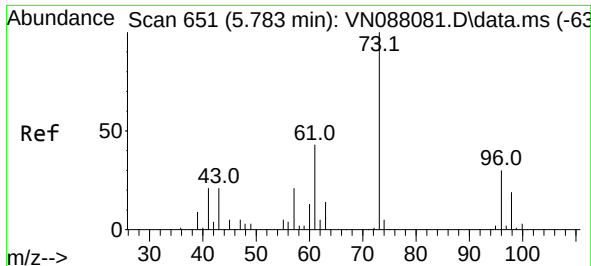
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#18
Methyl Acetate
Concen: 24.889 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

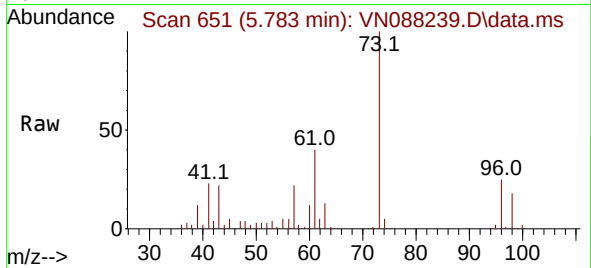
Tgt Ion: 43 Resp: 126675
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4





#19
Methyl tert-butyl Ether
Concen: 21.674 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

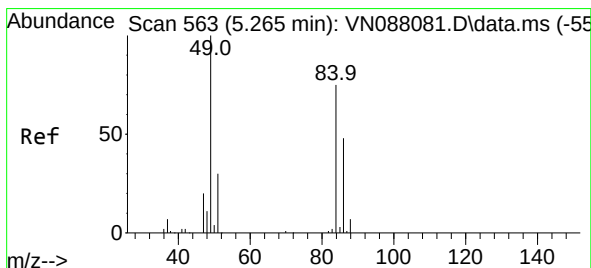
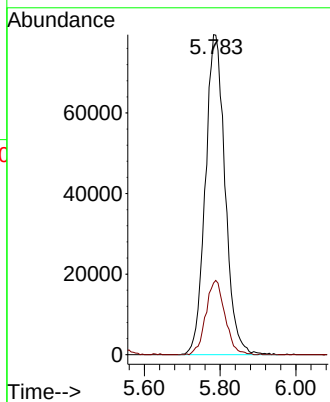
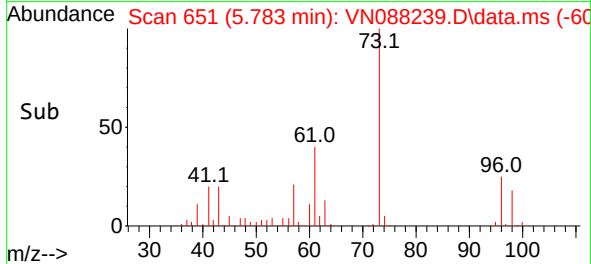
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion: 73 Resp: 286298
Ion Ratio Lower Upper
73 100
57 22.4 18.4 27.6

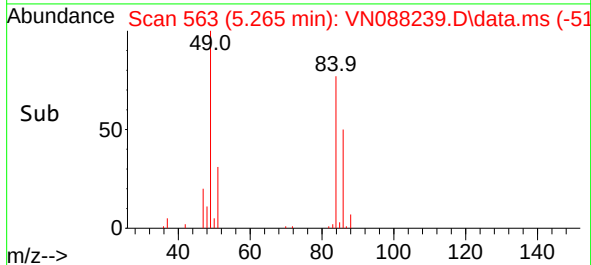
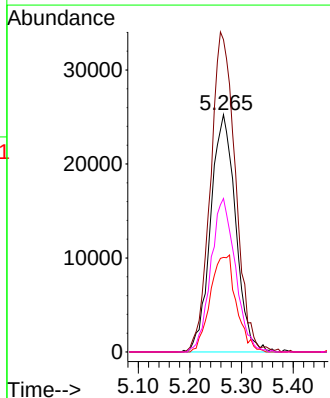
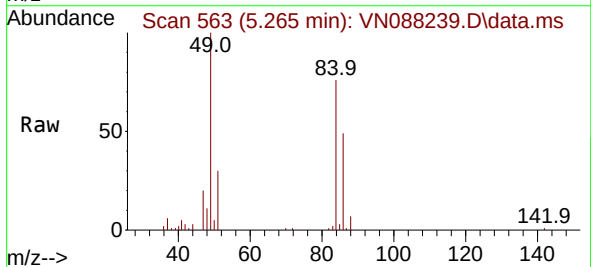
Manual Integrations
APPROVED

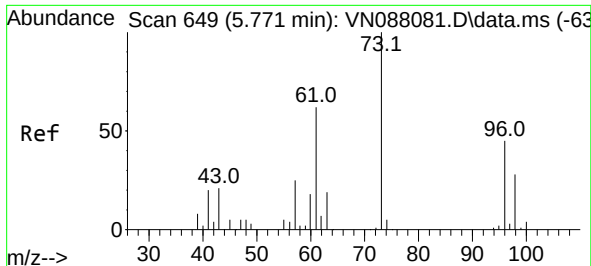
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#20
Methylene Chloride
Concen: 20.296 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 84 Resp: 84700
Ion Ratio Lower Upper
84 100
49 131.7 103.4 155.2
51 39.8 33.8 50.8
86 64.7 49.6 74.4





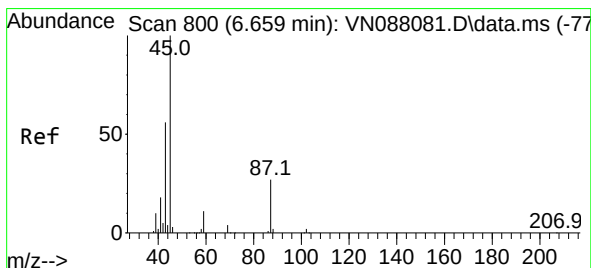
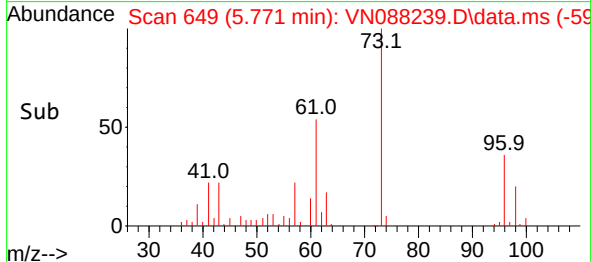
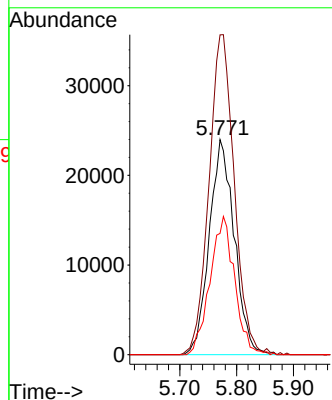
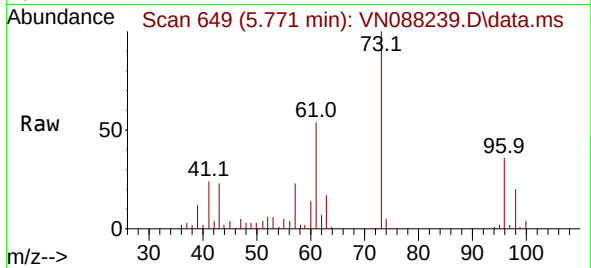
#21
trans-1,2-Dichloroethene
Concen: 18.598 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

Tgt Ion: 96 Resp: 73428
Ion Ratio Lower Upper
96 100
61 148.7 118.0 177.0
98 56.4 50.0 75.0

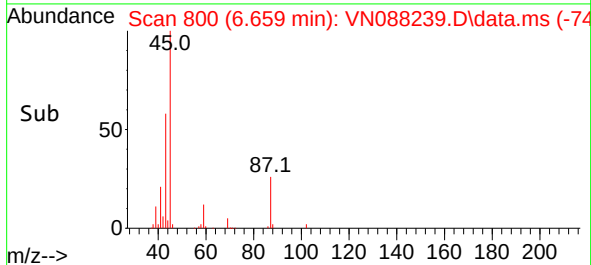
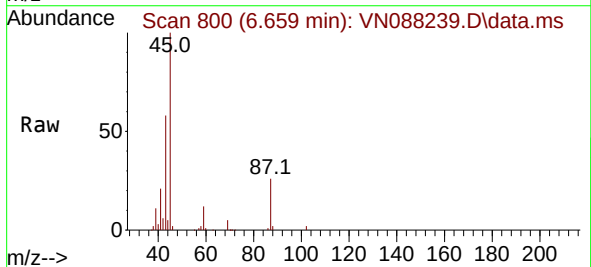
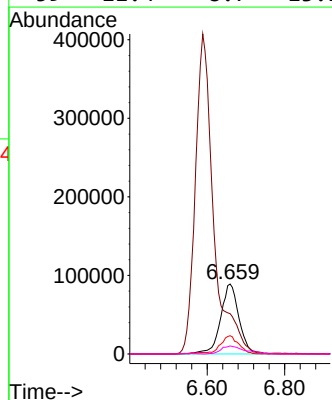
Manual Integrations
APPROVED

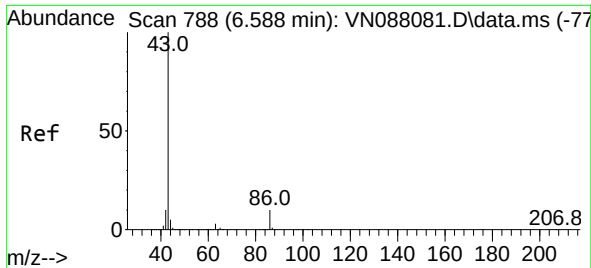
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#22
Diisopropyl ether
Concen: 22.055 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 45 Resp: 292427
Ion Ratio Lower Upper
45 100
43 56.5 47.7 71.5
87 26.0 21.4 32.0
59 11.4 8.7 13.1





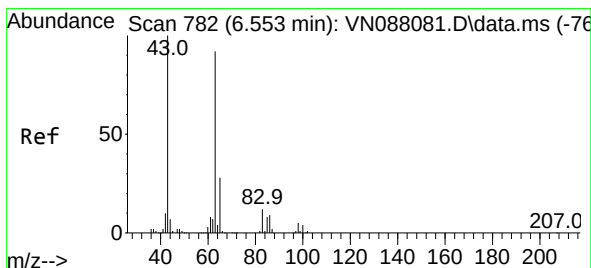
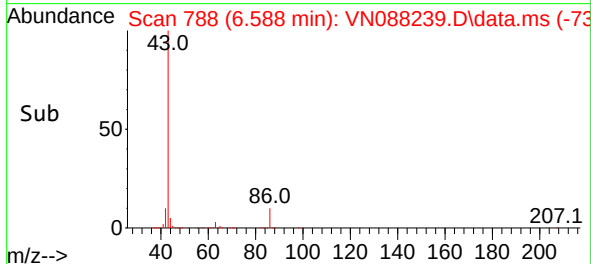
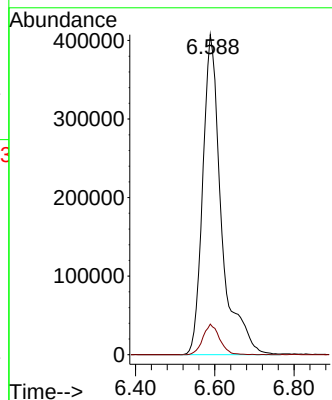
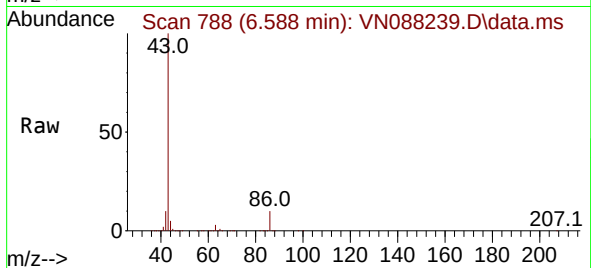
#23
 Vinyl Acetate
 Concen: 111.584 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110MBSD01

Tgt Ion: 43 Resp: 1332680
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.4

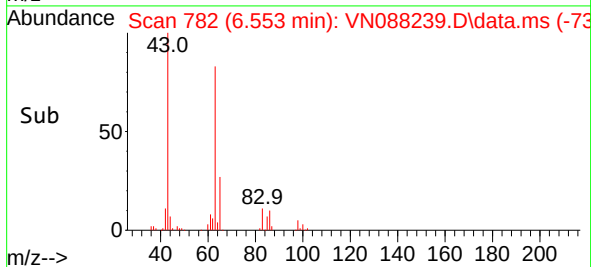
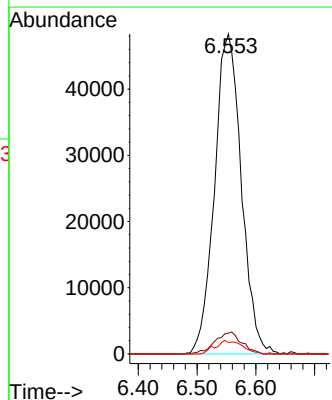
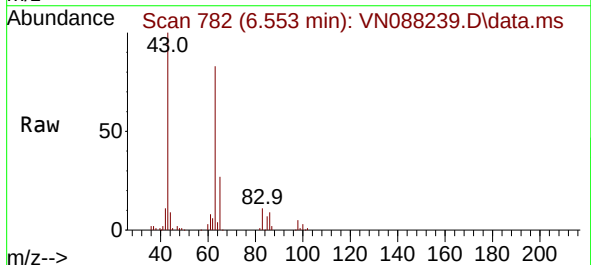
Manual Integrations
 APPROVED

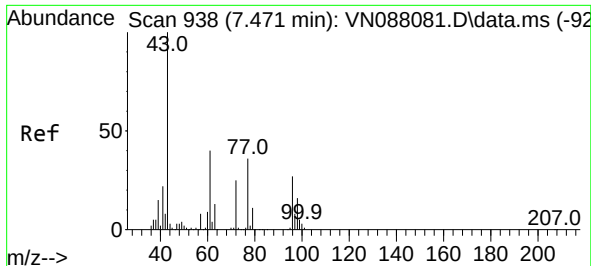
Reviewed By :John Carlone 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025



#24
 1,1-Dichloroethane
 Concen: 20.849 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

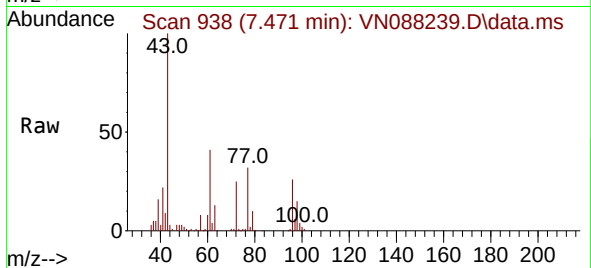
Tgt Ion: 63 Resp: 153128
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 3.6 2.0 6.0





#25
2-Butanone
Concen: 113.146 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

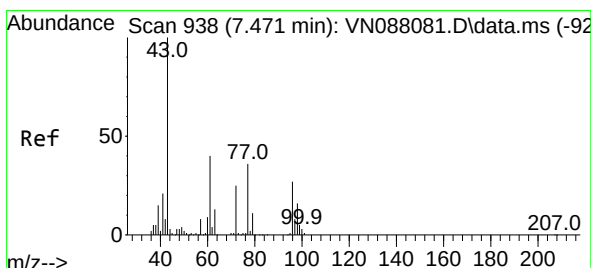
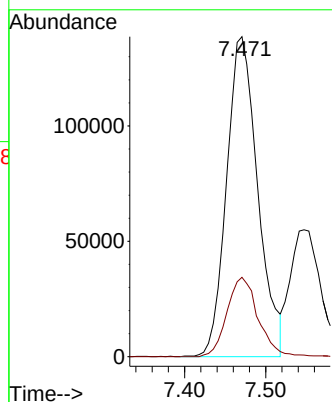
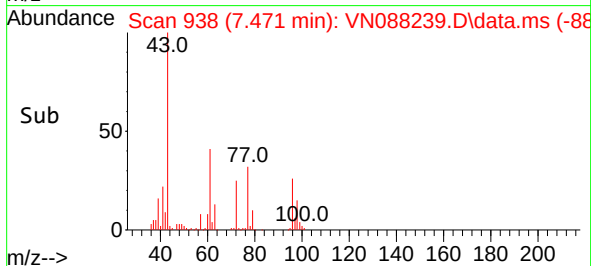
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



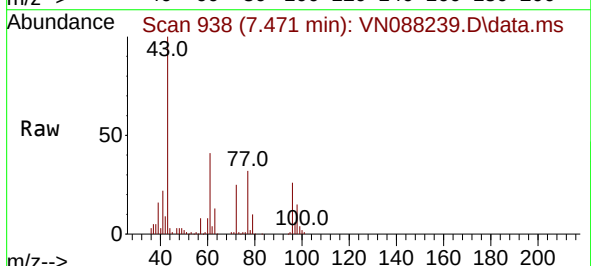
Tgt Ion: 43 Resp: 370702
Ion Ratio Lower Upper
43 100
72 24.8 19.9 29.9

Manual Integrations
APPROVED

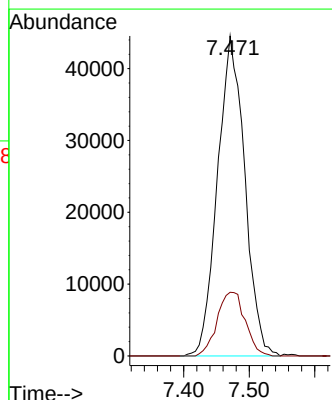
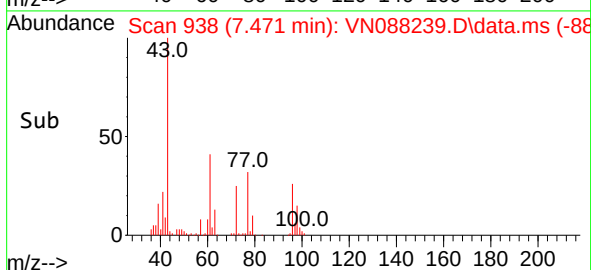
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

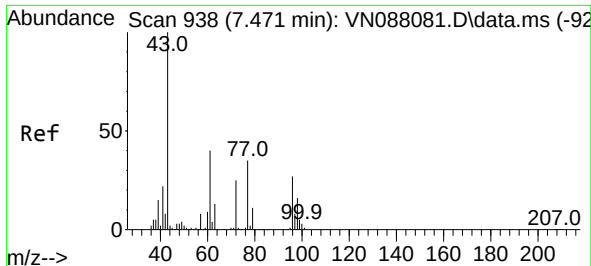


#26
2,2-Dichloropropane
Concen: 19.234 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44



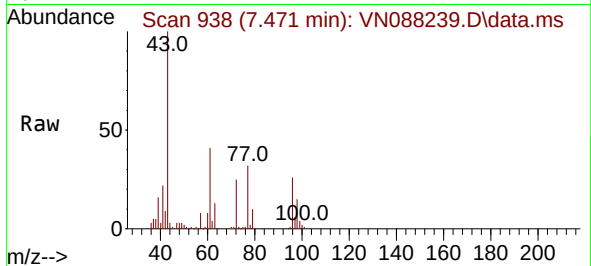
Tgt Ion: 77 Resp: 128373
Ion Ratio Lower Upper
77 100
97 20.5 10.9 32.7





#27
 cis-1,2-Dichloroethene
 Concen: 20.169 ug/l
 RT: 7.471 min Scan# 916
 Delta R.T. 0.006 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

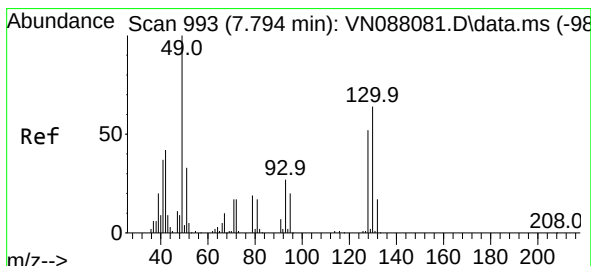
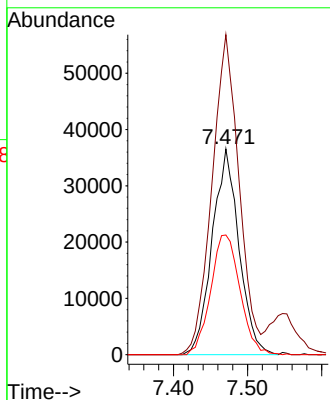
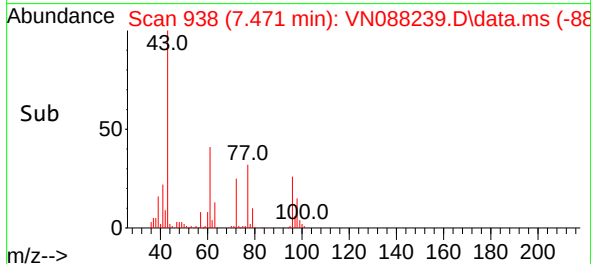
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1110MBSD01



Tgt Ion: 96 Resp: 91672
 Ion Ratio Lower Upper
 96 100
 61 157.5 0.0 301.8
 98 63.8 0.0 126.2

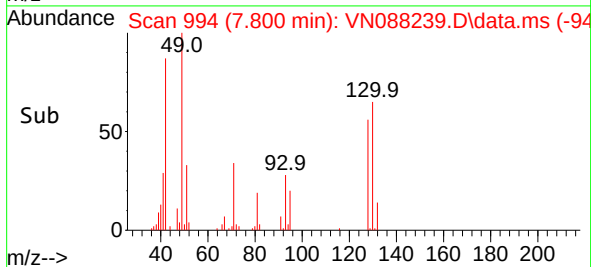
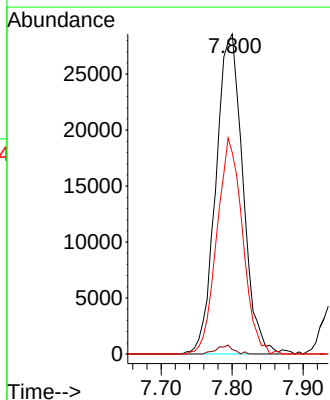
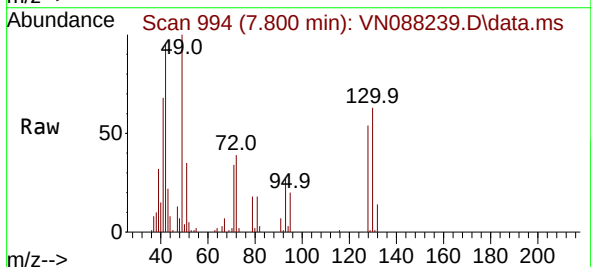
Manual Integrations
 APPROVED

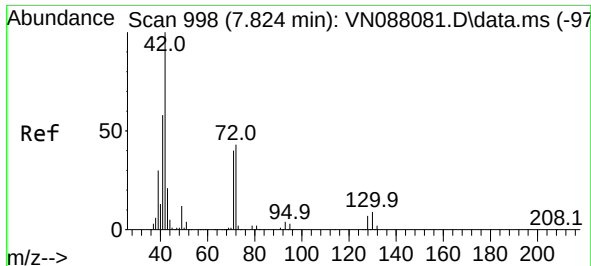
Reviewed By :John Carlone 11/11/2025
 Supervised By :Semsettin Yesilyurt 11/11/2025



#28
 Bromochloromethane
 Concen: 21.710 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN088239.D
 Acq: 10 Nov 2025 14:44

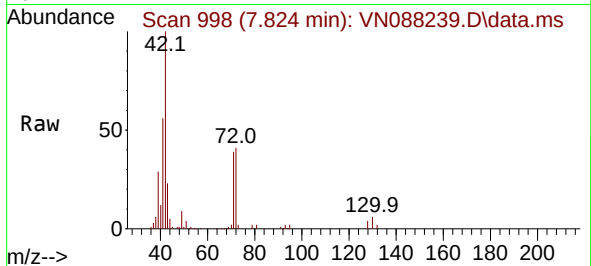
Tgt Ion: 49 Resp: 75341
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.0
 130 64.4 53.1 79.7





#29
Tetrahydrofuran
Concen: 112.574 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

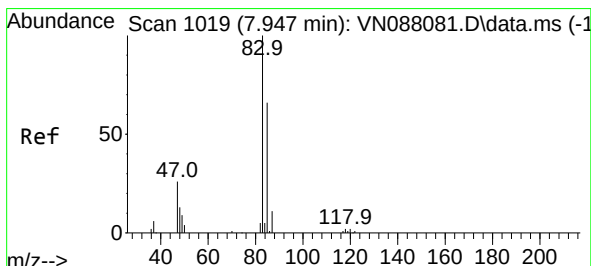
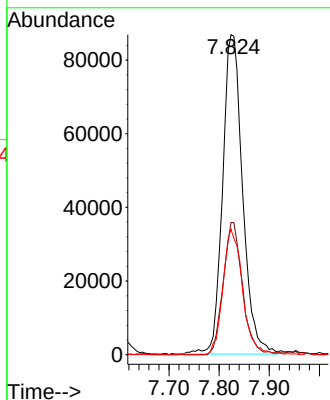
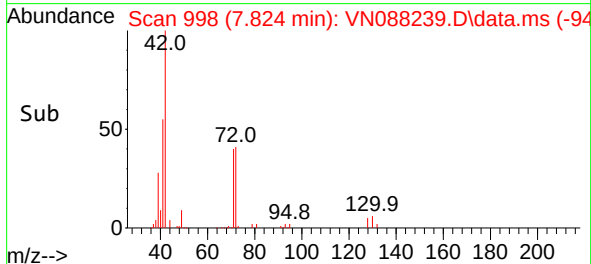
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion: 42 Resp: 240360
Ion Ratio Lower Upper
42 100
72 39.7 33.7 50.5
71 38.6 31.9 47.9

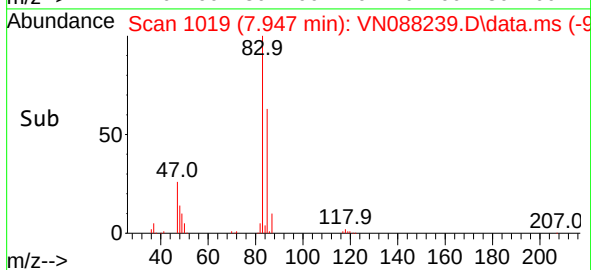
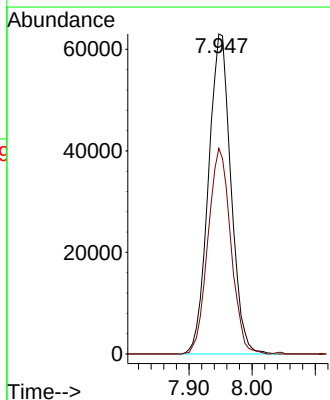
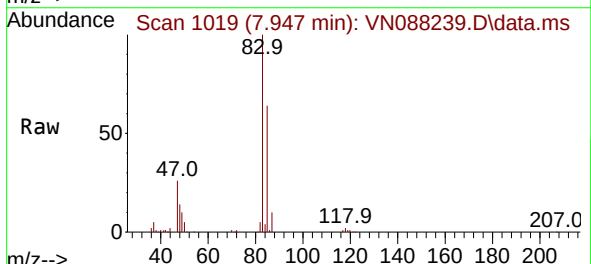
Manual Integrations
APPROVED

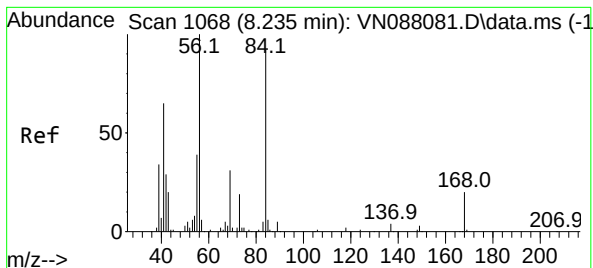
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#30
Chloroform
Concen: 21.277 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

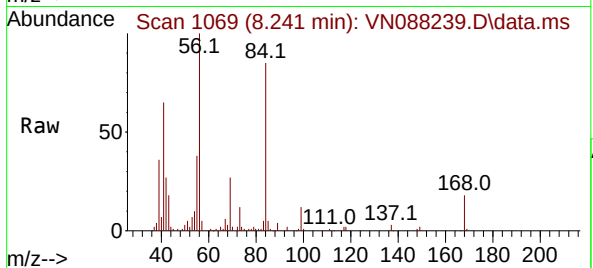
Tgt Ion: 83 Resp: 156117
Ion Ratio Lower Upper
83 100
85 64.3 50.7 76.1





#31
Cyclohexane
Concen: 18.619 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

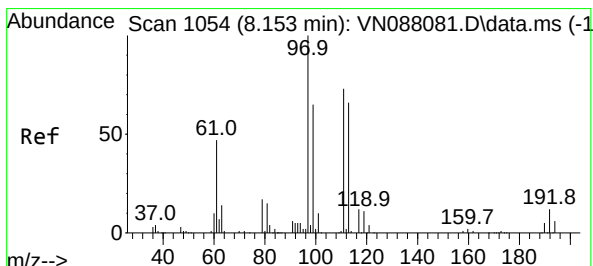
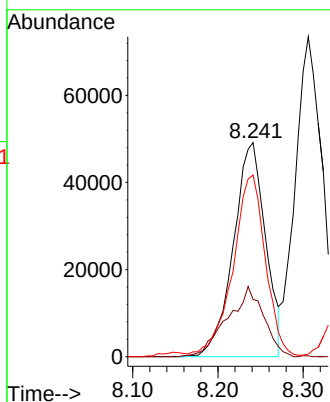
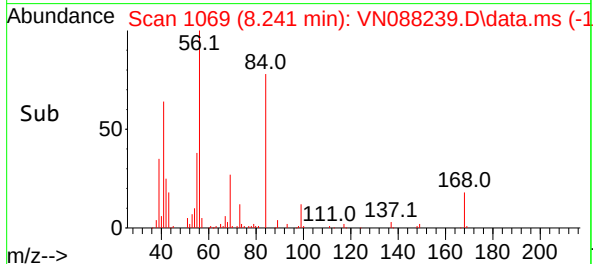
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion: 56 Resp: 12897
Ion Ratio Lower Upper
56 100
69 26.3 23.7 35.5
84 83.0 64.7 97.1

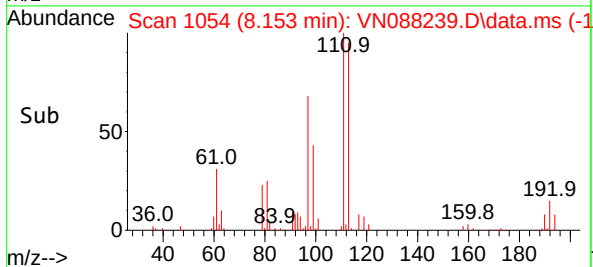
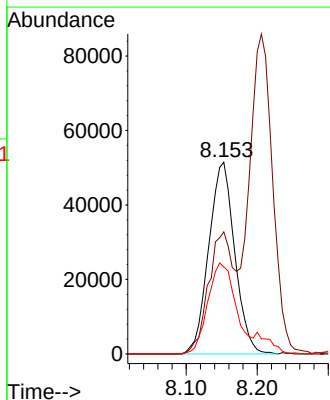
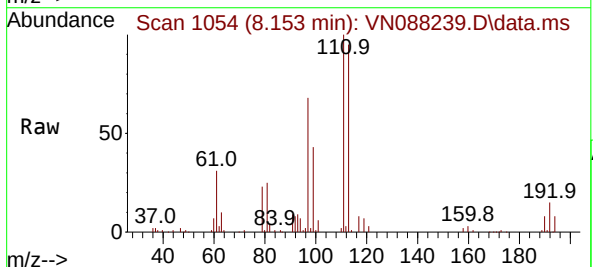
Manual Integrations
APPROVED

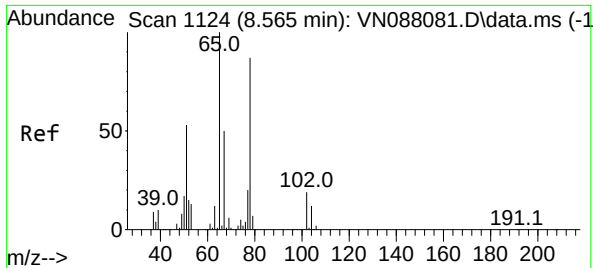
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#32
1,1,1-Trichloroethane
Concen: 19.991 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion: 97 Resp: 130641
Ion Ratio Lower Upper
97 100
99 61.3 52.2 78.2
61 51.5 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 54.939 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBSD01

Tgt Ion: 65 Resp: 27187

Ion Ratio Lower Upper

65 100

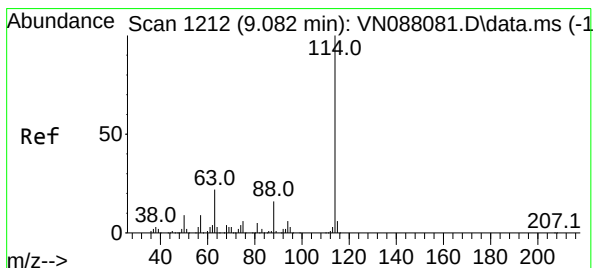
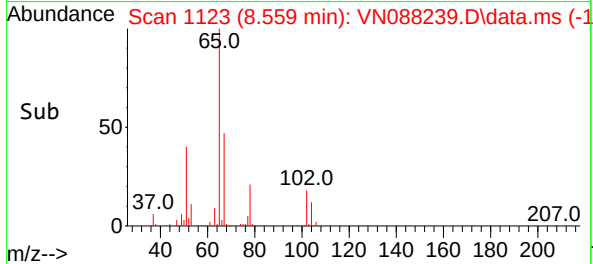
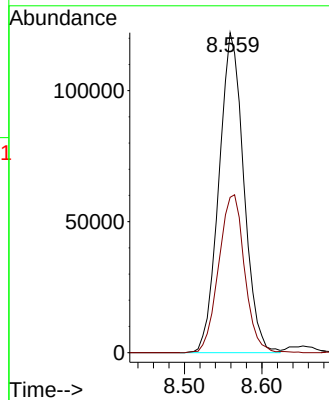
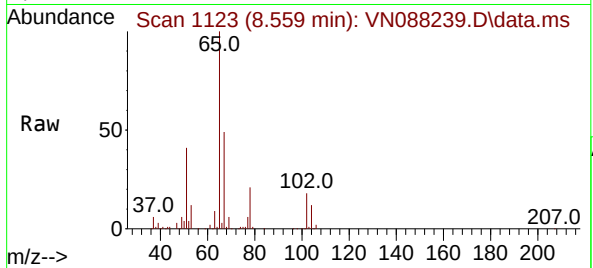
67 51.6 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

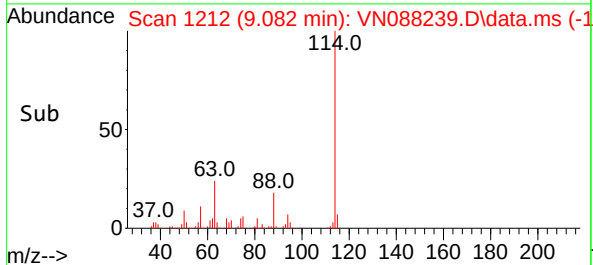
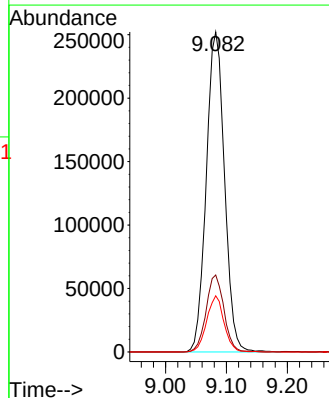
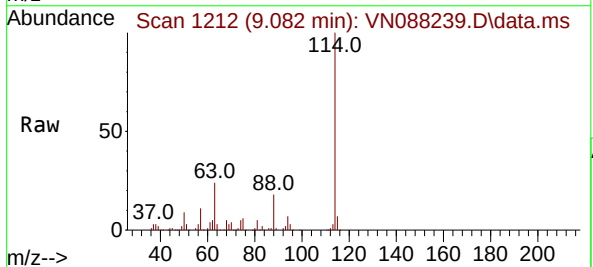
Tgt Ion:114 Resp: 524957

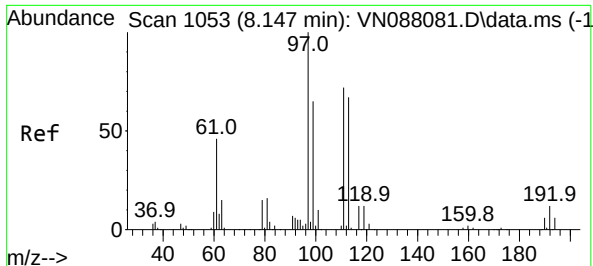
Ion Ratio Lower Upper

114 100

63 24.1 0.0 45.2

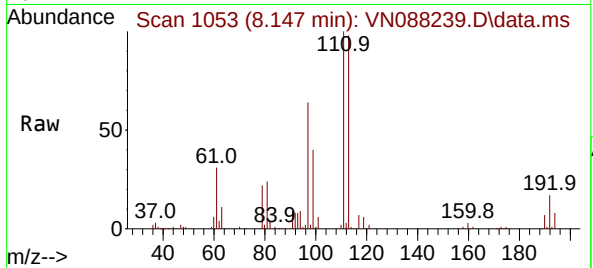
88 17.6 0.0 33.4





#35
Dibromofluoromethane
Concen: 53.860 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

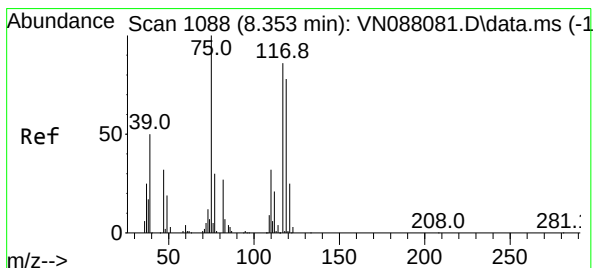
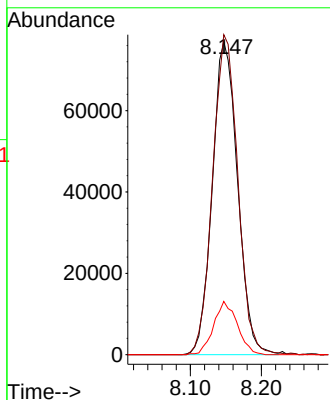
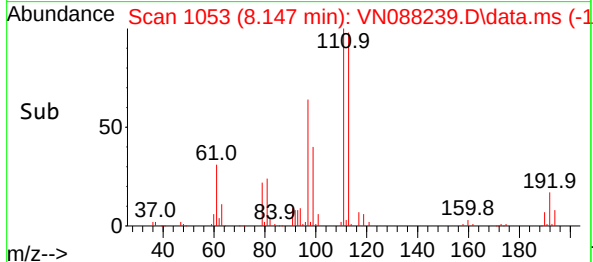
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



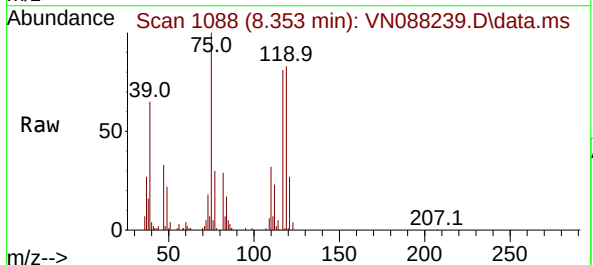
Tgt Ion:113 Resp: 189940
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 16.0 12.8 19.2

Manual Integrations
APPROVED

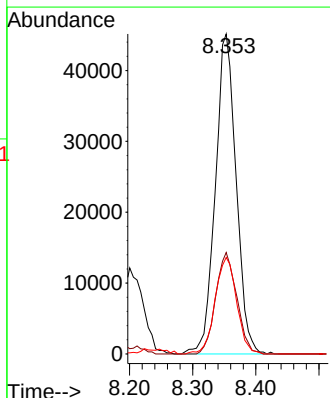
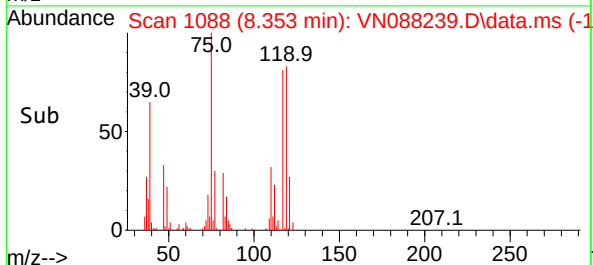
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

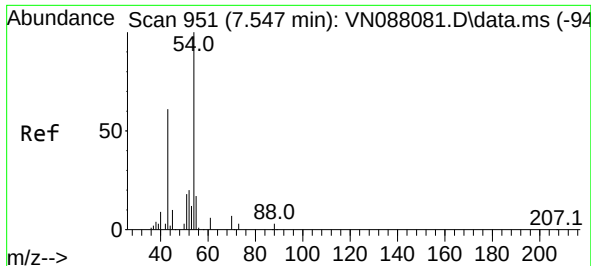


#36
1,1-Dichloropropene
Concen: 20.042 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44



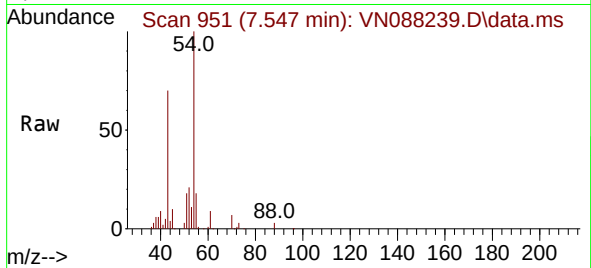
Tgt Ion: 75 Resp: 103201
Ion Ratio Lower Upper
75 100
110 32.2 15.9 47.6
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 22.251 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

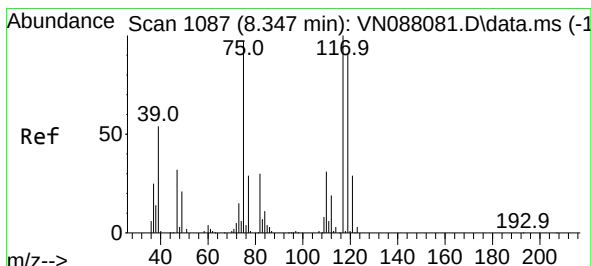
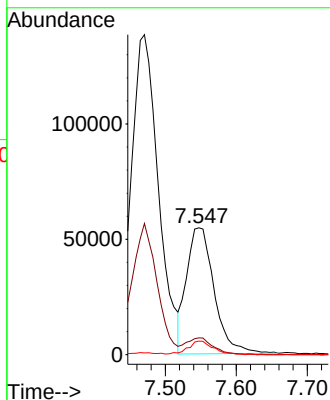
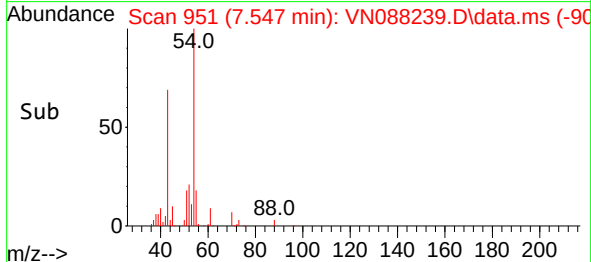
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion: 43 Resp: 147864
Ion Ratio Lower Upper
43 100
61 13.4 9.3 13.9
70 10.0 7.0 10.6

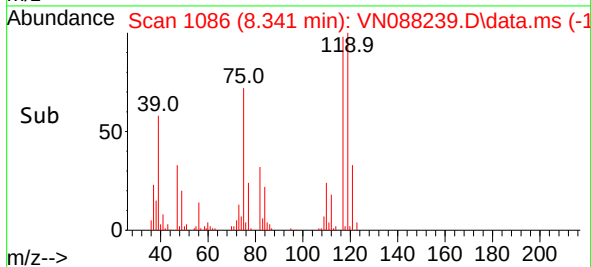
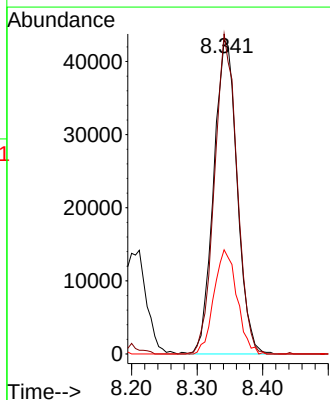
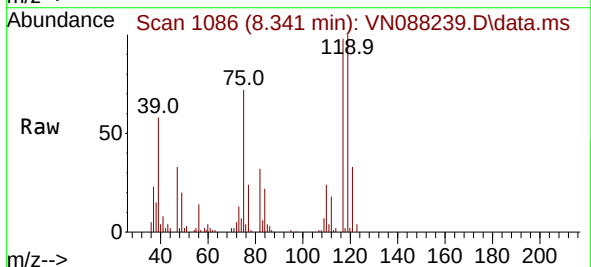
Manual Integrations
APPROVED

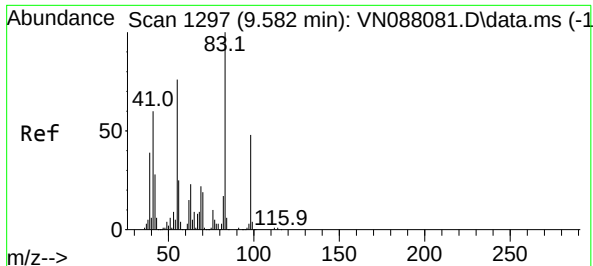
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#38
Carbon Tetrachloride
Concen: 20.063 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:117 Resp: 106706
Ion Ratio Lower Upper
117 100
119 102.0 79.0 118.6
121 33.2 25.0 37.6





#39

Methylcyclohexane

Concen: 17.594 ug/l

RT: 9.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBSD01

Tgt Ion: 83 Resp: 11645

Ion Ratio Lower Upper

83 100

55 86.2 64.6 96.8

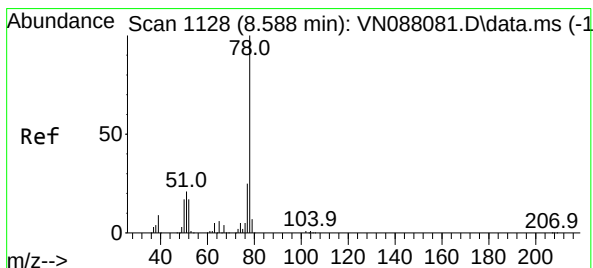
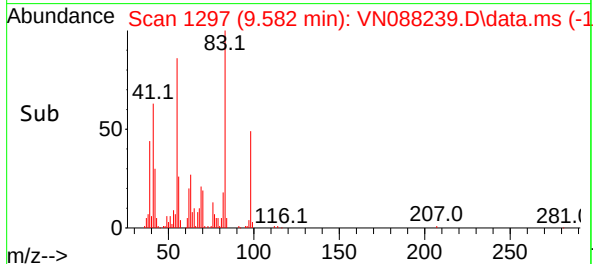
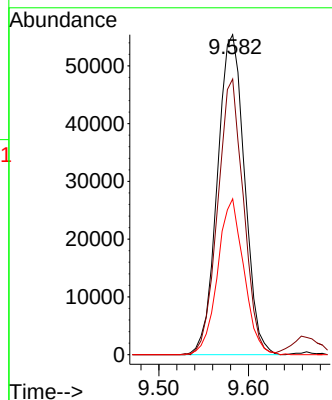
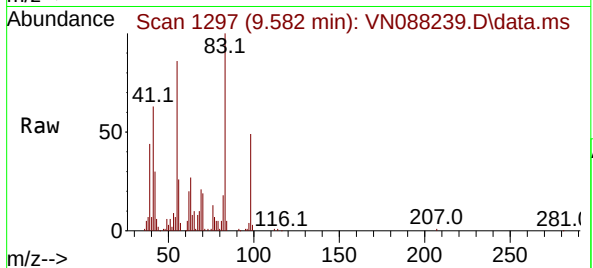
98 48.7 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#40

Benzene

Concen: 20.544 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN088239.D

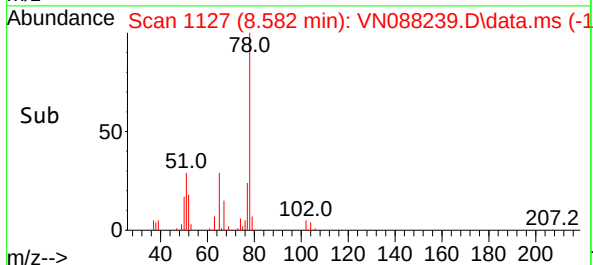
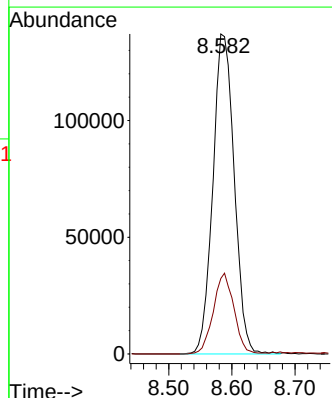
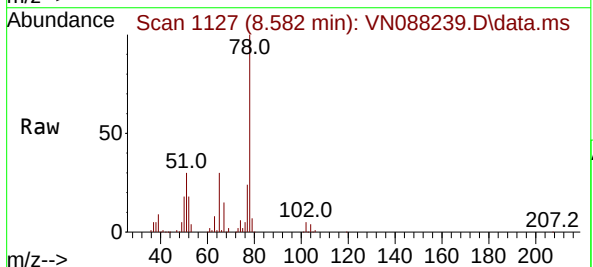
Acq: 10 Nov 2025 14:44

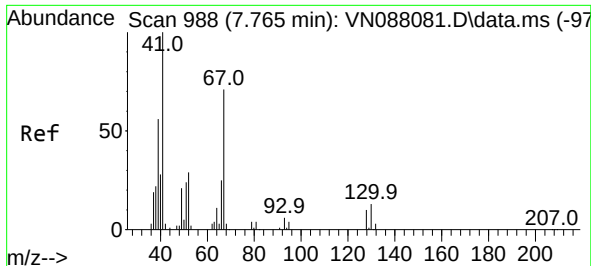
Tgt Ion: 78 Resp: 322180

Ion Ratio Lower Upper

78 100

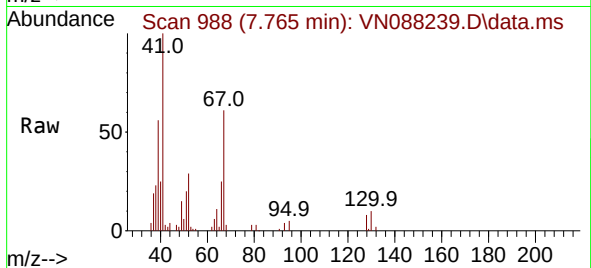
77 23.6 19.7 29.5





#41
Methacrylonitrile
Concen: 21.827 ug/l
RT: 7.765 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

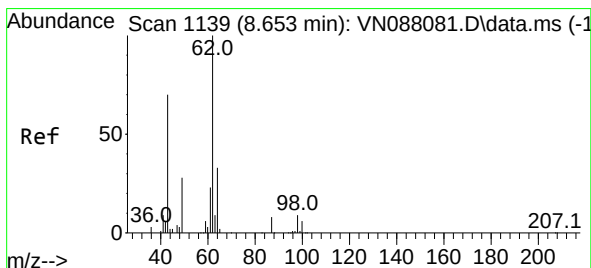
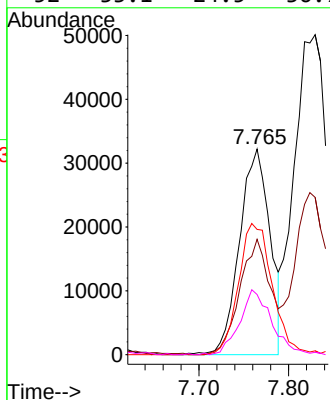
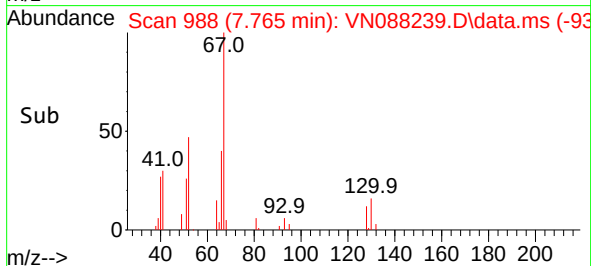
Instrument :
MSVOA_N
Client Sample Id :
VN1110MBSD01



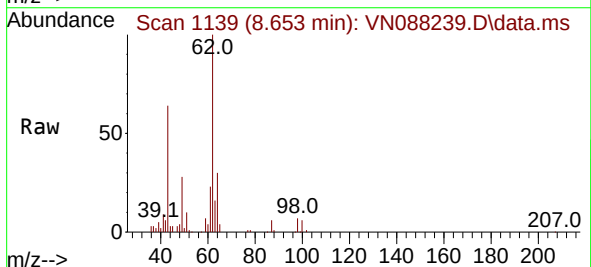
Tgt Ion: 41 Resp: 76338
Ion Ratio Lower Upper
41 100
39 55.6 45.4 68.0
67 70.7 55.3 82.9
52 33.1 24.5 36.7

Manual Integrations
APPROVED

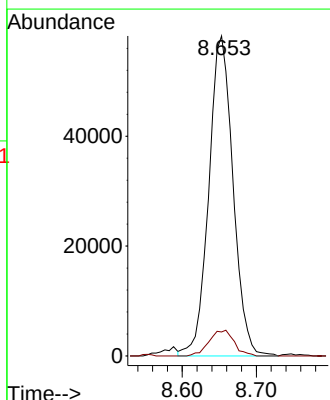
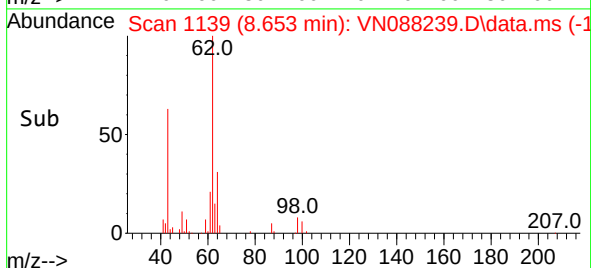
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

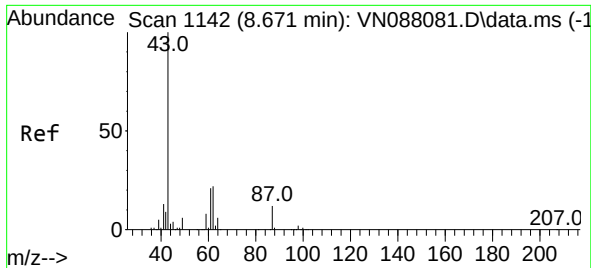


#42
1,2-Dichloroethane
Concen: 23.763 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44



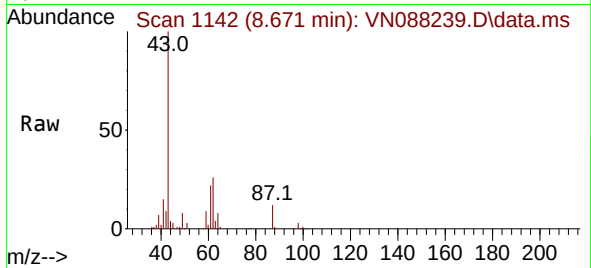
Tgt Ion: 62 Resp: 132408
Ion Ratio Lower Upper
62 100
98 8.3 0.0 17.4





#43
Isopropyl Acetate
Concen: 23.053 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

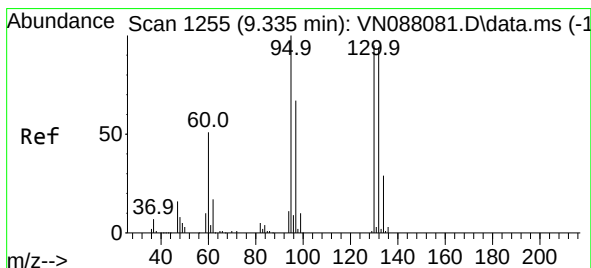
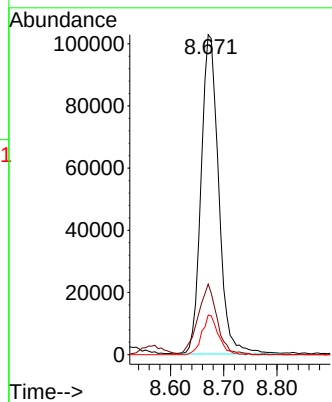
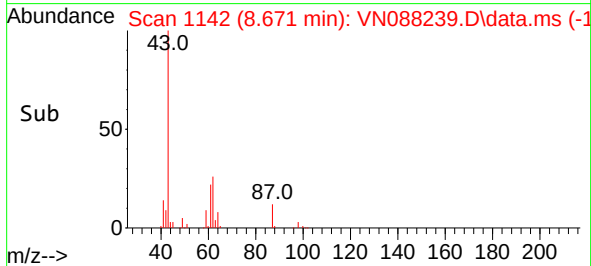
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion: 43 Resp: 23539
Ion Ratio Lower Upper
43 100
61 24.1 18.8 28.2
87 11.6 9.6 14.4

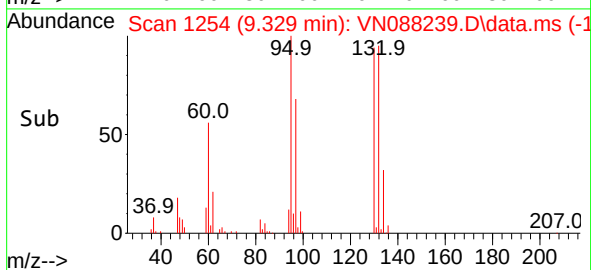
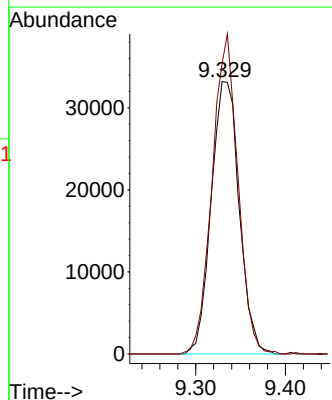
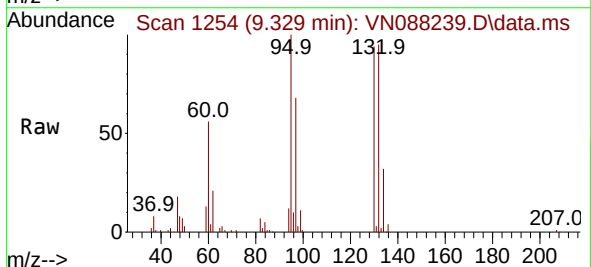
Manual Integrations
APPROVED

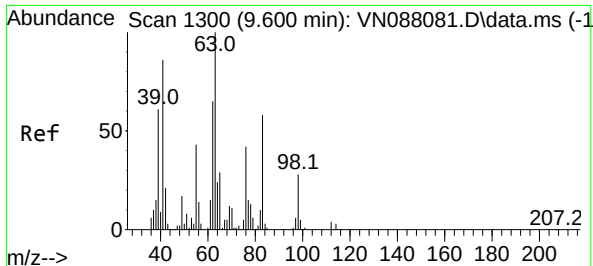
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#44
Trichloroethene
Concen: 19.598 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:130 Resp: 71838
Ion Ratio Lower Upper
130 100
95 106.6 0.0 212.0





#45

1,2-Dichloropropane

Concen: 21.299 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBSD01

Tgt Ion: 63 Resp: 8432

Ion Ratio Lower Upper

63 100

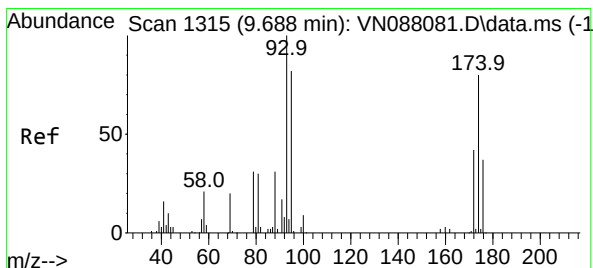
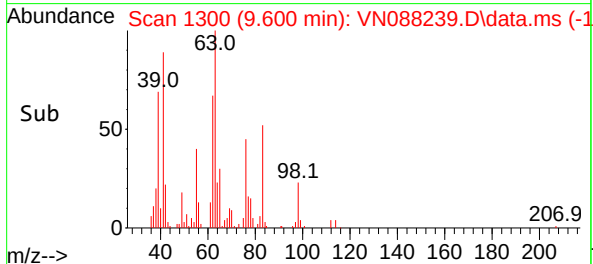
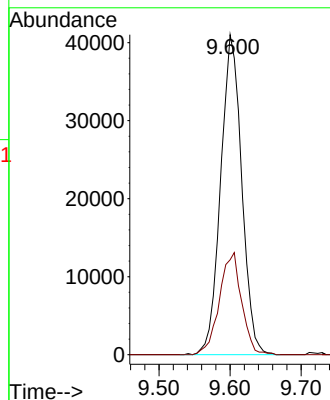
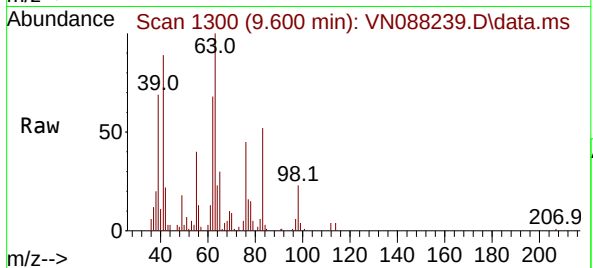
65 29.6 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#46

Dibromomethane

Concen: 22.973 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

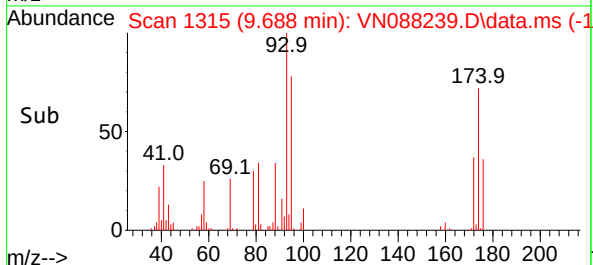
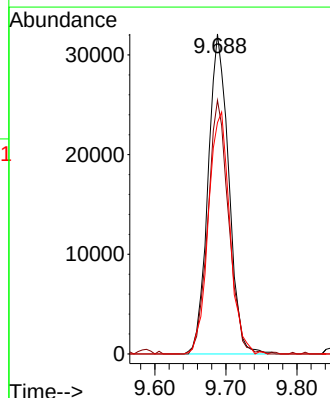
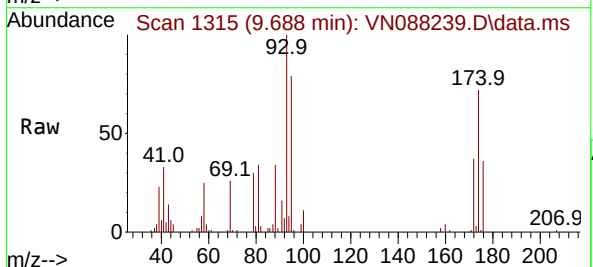
Tgt Ion: 93 Resp: 64867

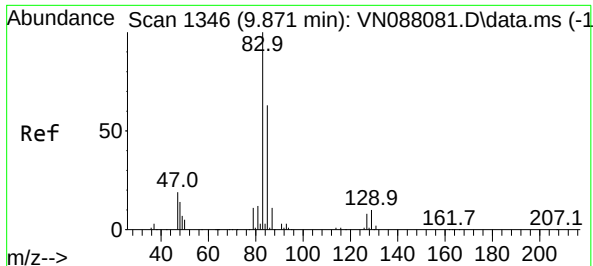
Ion Ratio Lower Upper

93 100

95 79.5 66.2 99.4

174 78.2 63.4 95.2





#47

Bromodichloromethane

Concen: 22.323 ug/l

RT: 9.865 min Scan# 1346

Delta R.T. -0.006 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBSD01

Tgt Ion: 83 Resp: 126199

Ion Ratio Lower Upper

83 100

85 61.3 52.5 78.7

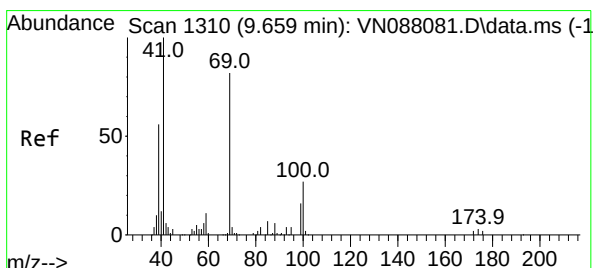
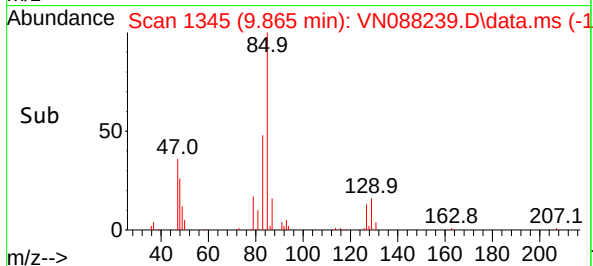
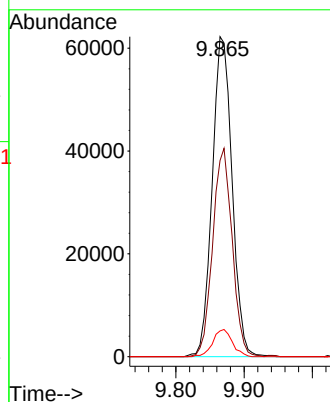
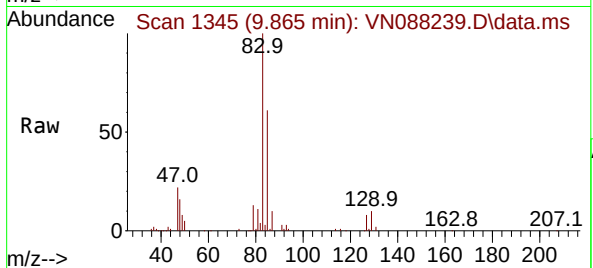
127 8.0 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#48

Methyl methacrylate

Concen: 22.715 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

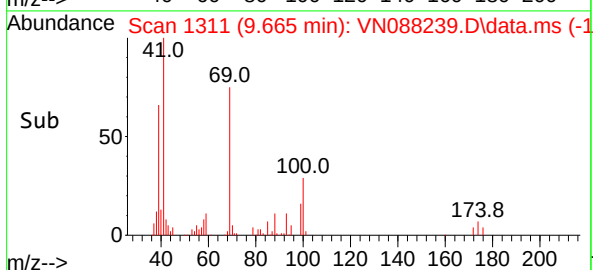
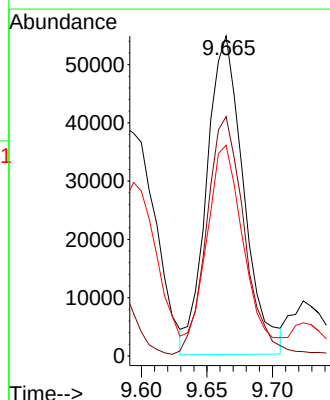
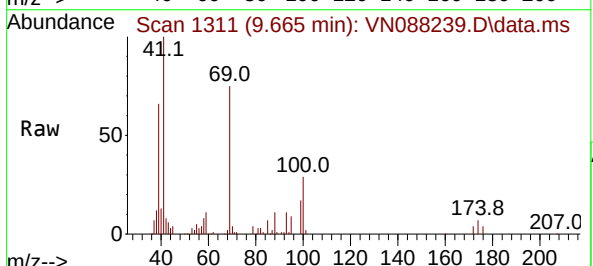
Tgt Ion: 41 Resp: 107083

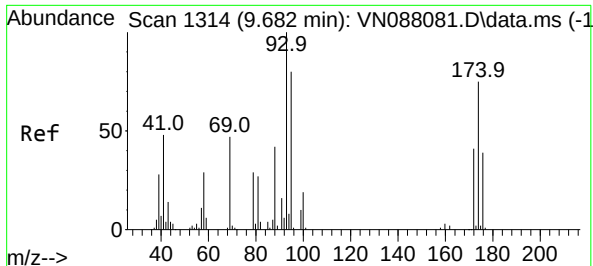
Ion Ratio Lower Upper

41 100

69 78.1 62.7 94.1

39 66.6 52.9 79.3





#49

1,4-Dioxane

Concen: 509.523 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBSD01

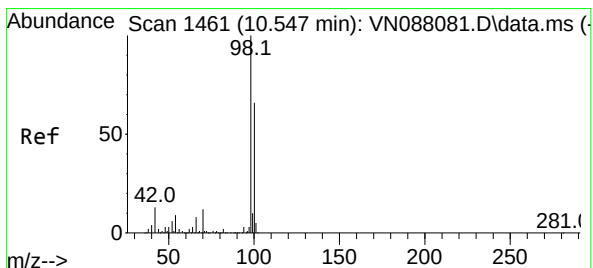
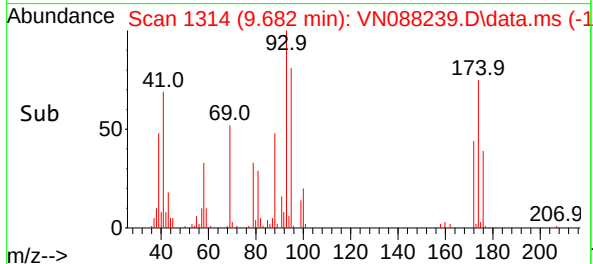
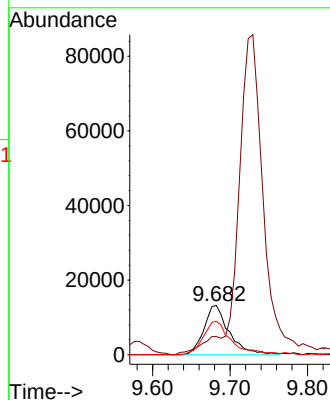
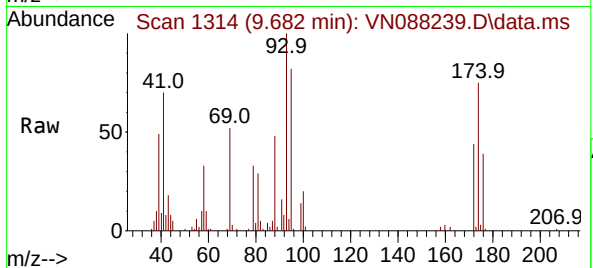
Tgt Ion: 88 Resp: 29875
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 74.1 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#50

Toluene-d8

Concen: 50.048 ug/l

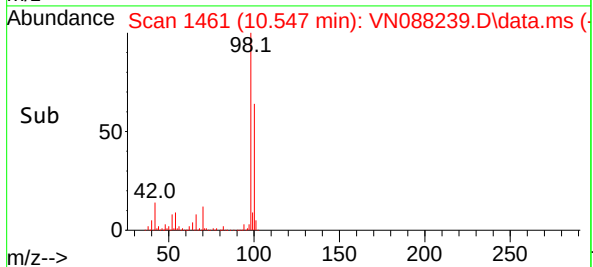
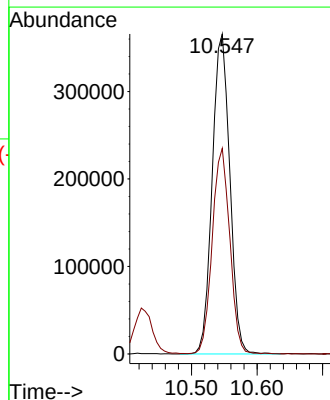
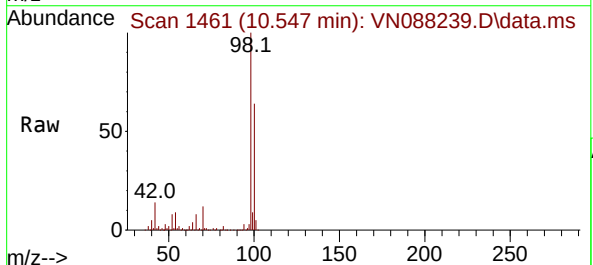
RT: 10.547 min Scan# 1461

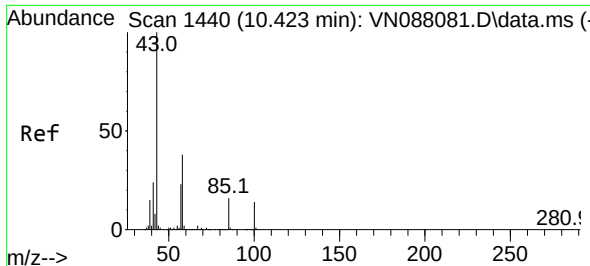
Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

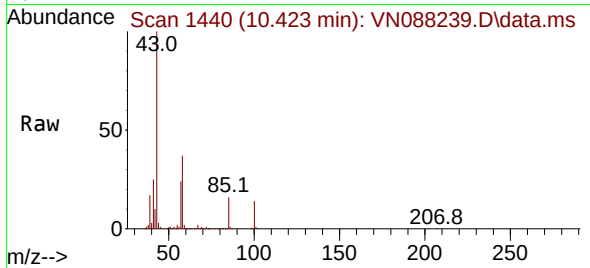
Tgt Ion: 98 Resp: 680100
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 118.258 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

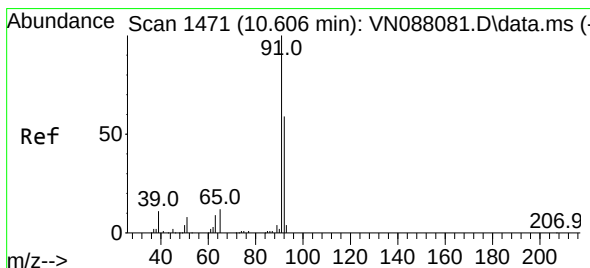
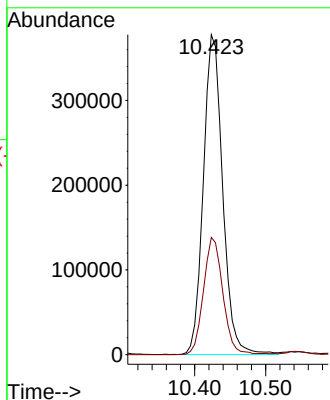
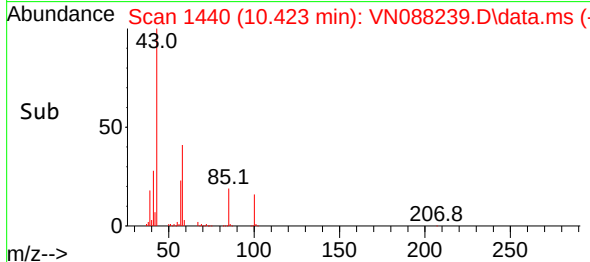
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion: 43 Resp: 71436
Ion Ratio Lower Upper
43 100
58 36.7 29.6 44.4

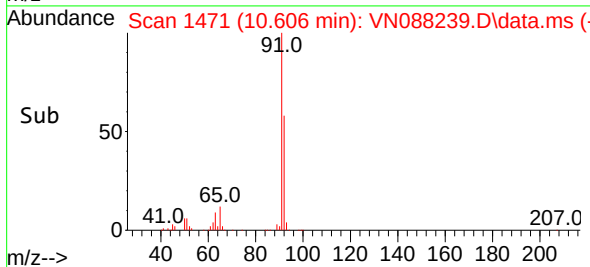
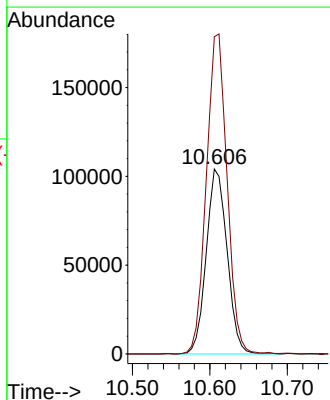
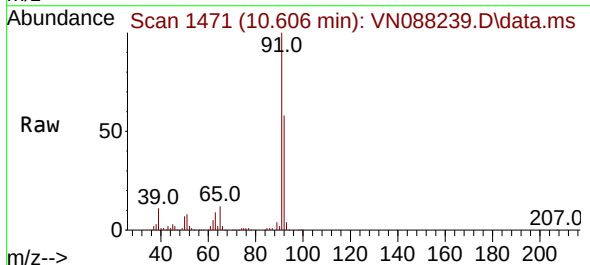
Manual Integrations
APPROVED

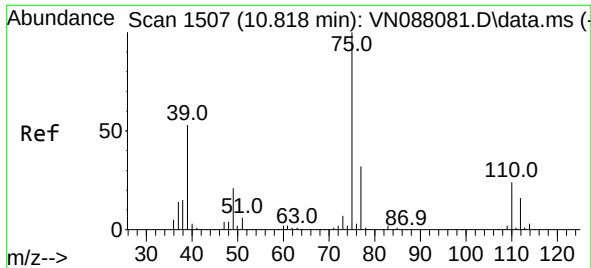
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#52
Toluene
Concen: 20.130 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

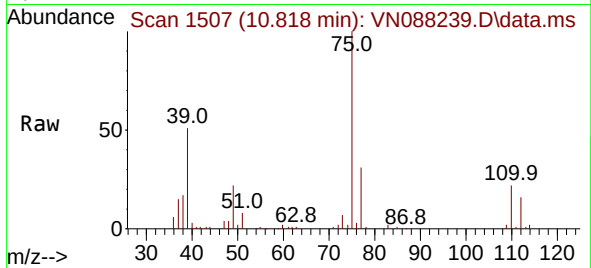
Tgt Ion: 92 Resp: 194635
Ion Ratio Lower Upper
92 100
91 172.2 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 21.693 ug/l
RT: 10.818 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

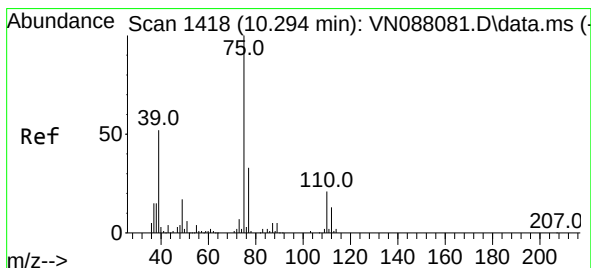
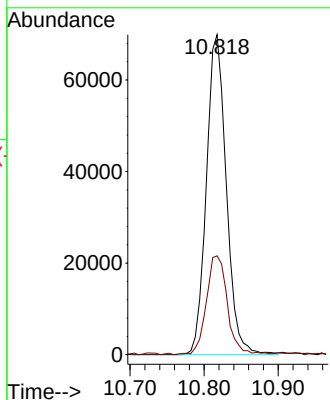
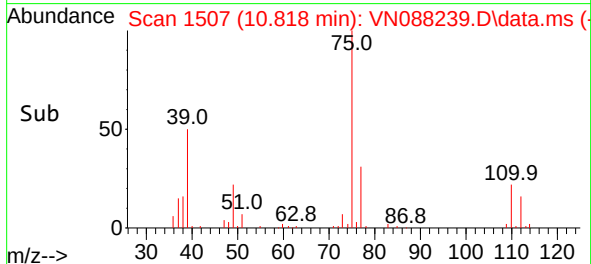
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



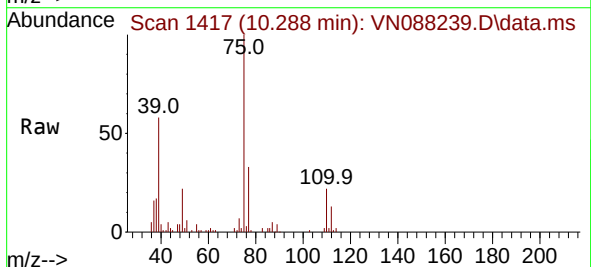
Tgt Ion: 75 Resp: 130523
Ion Ratio Lower Upper
75 100
77 30.7 25.2 37.8

Manual Integrations
APPROVED

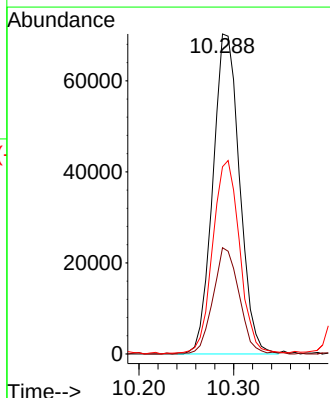
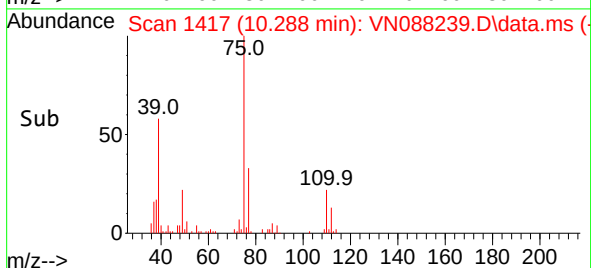
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

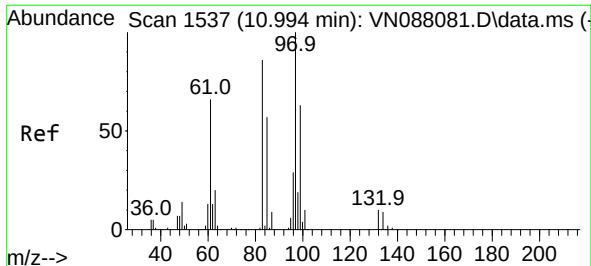


#54
cis-1,3-Dichloropropene
Concen: 21.562 ug/l
RT: 10.288 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44



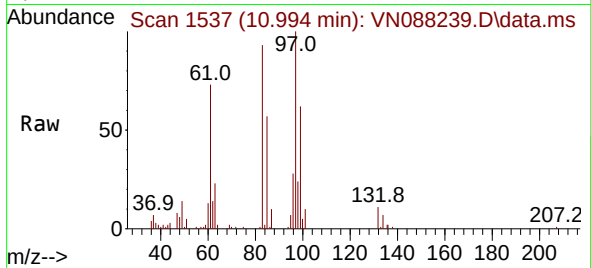
Tgt Ion: 75 Resp: 137666
Ion Ratio Lower Upper
75 100
77 32.9 24.6 37.0
39 58.2 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 21.627 ug/l
RT: 10.994 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

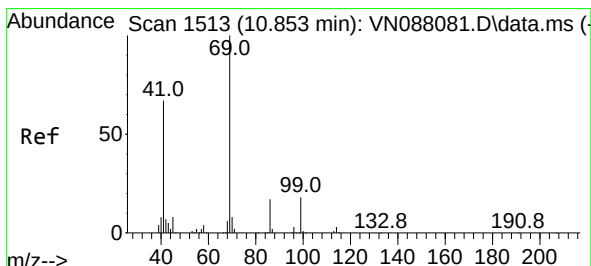
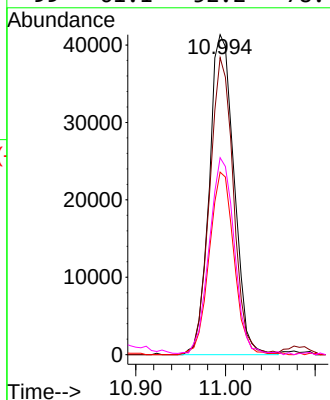
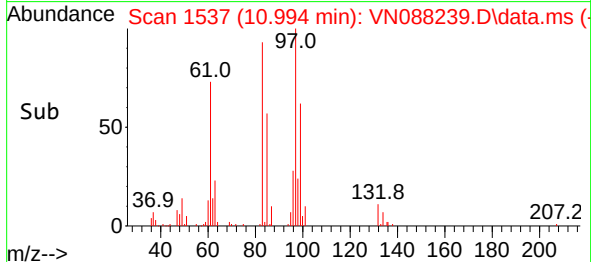
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



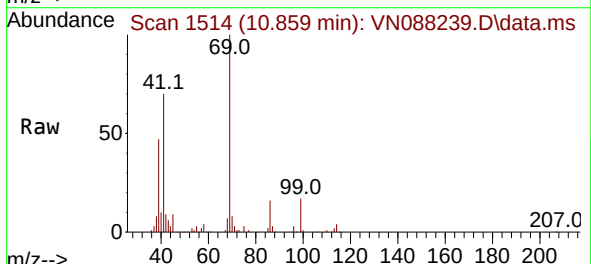
Tgt Ion:	97	Resp:	7933
Ion	Ratio	Lower	Upper
97	100		
83	92.8	68.2	102.4
85	57.1	45.5	68.3
99	61.1	52.2	78.4

Manual Integrations
APPROVED

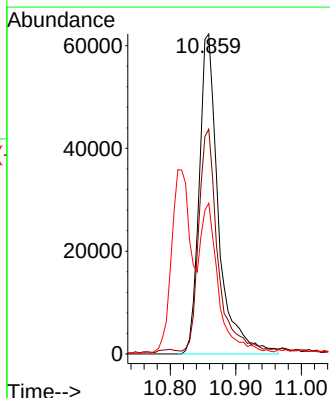
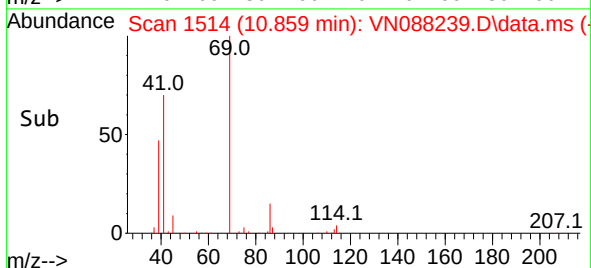
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

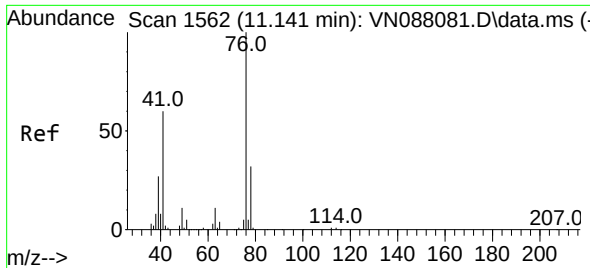


#56
Ethyl methacrylate
Concen: 22.009 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44



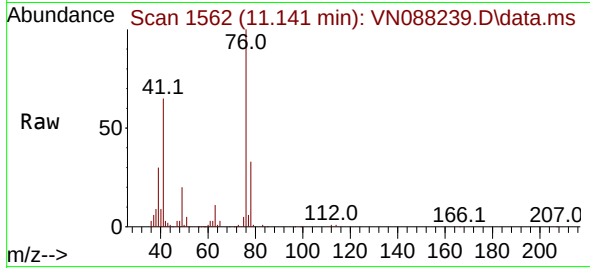
Tgt Ion:	69	Resp:	127759
Ion	Ratio	Lower	Upper
69	100		
41	68.1	56.5	84.7
39	41.8	34.2	51.4





#57
1,3-Dichloropropane
Concen: 21.963 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

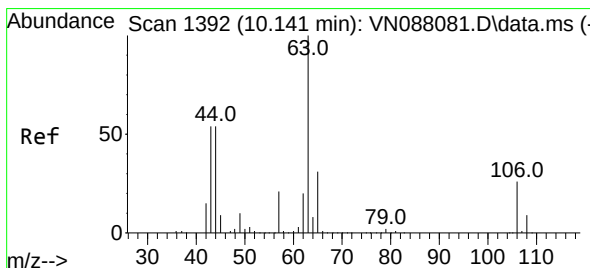
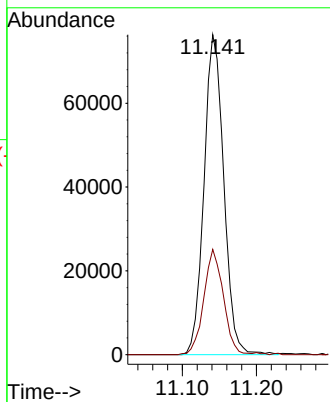
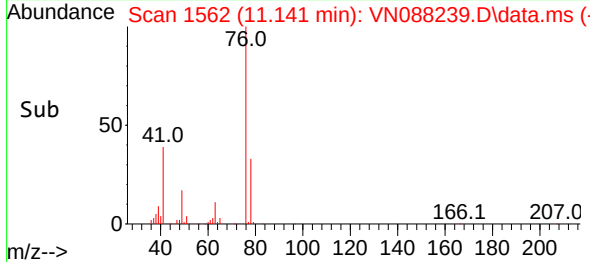
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion: 76 Resp: 141607
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.4

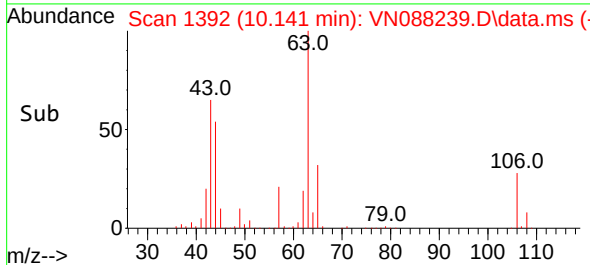
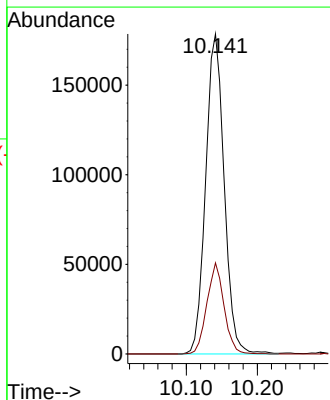
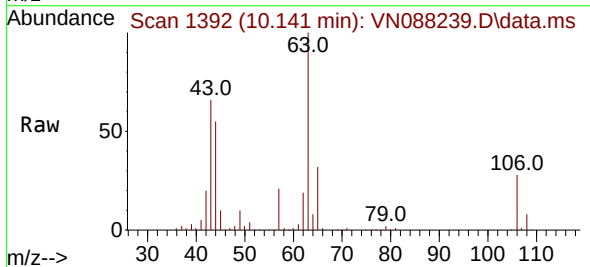
Manual Integrations
APPROVED

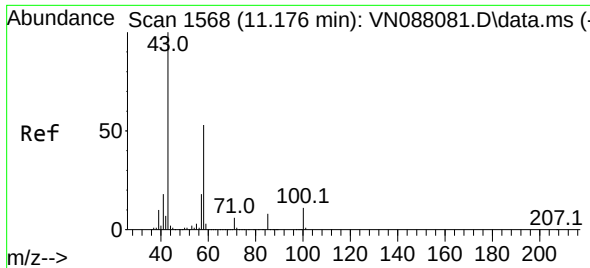
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#58
2-Chloroethyl Vinyl ether
Concen: 107.145 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

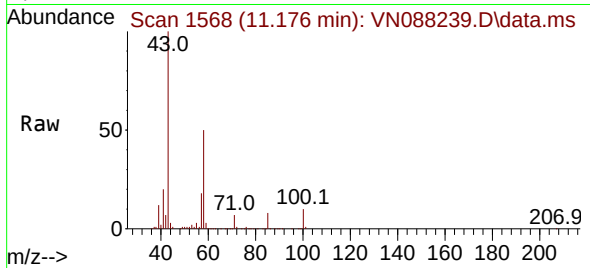
Tgt Ion: 63 Resp: 323523
Ion Ratio Lower Upper
63 100
106 26.3 21.1 31.7





#59
2-Hexanone
Concen: 110.425 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

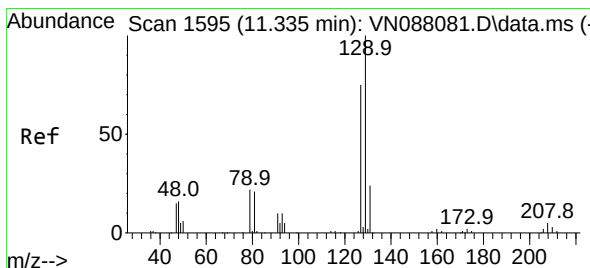
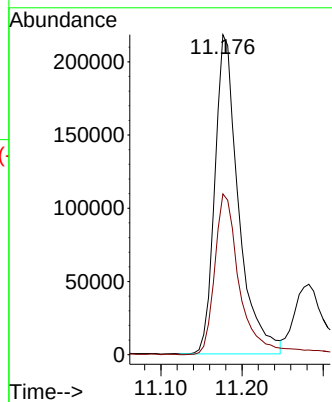
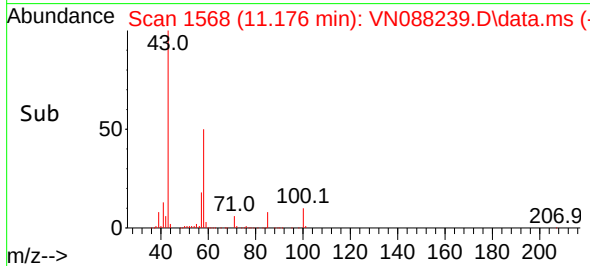
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion: 43 Resp: 442500
Ion Ratio Lower Upper
43 100
58 54.9 25.9 77.8

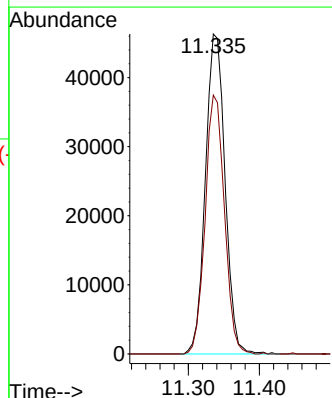
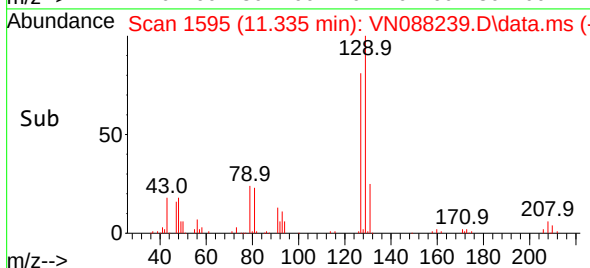
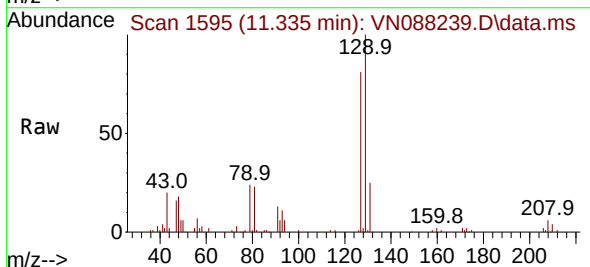
Manual Integrations
APPROVED

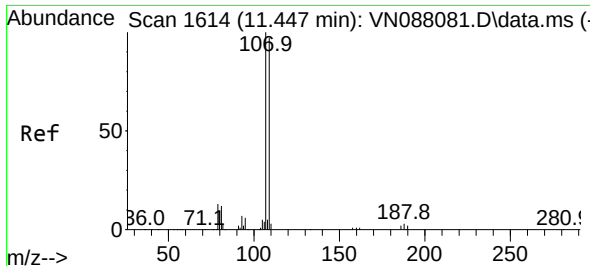
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#60
Dibromochloromethane
Concen: 21.349 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

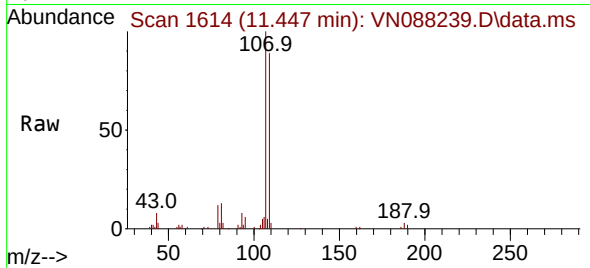
Tgt Ion:129 Resp: 89010
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.3





#61
1,2-Dibromoethane
Concen: 21.104 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

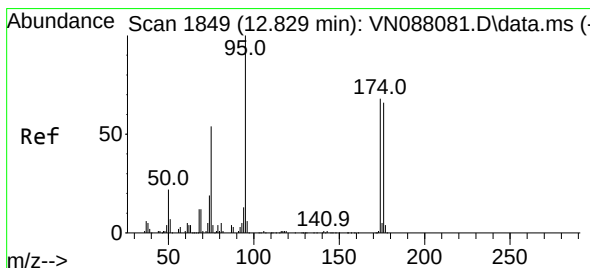
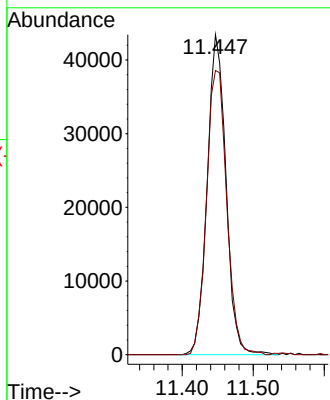
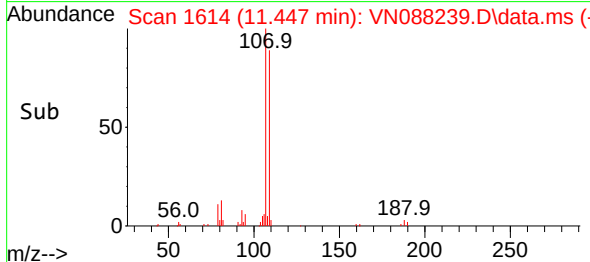
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion:107 Resp: 79672
Ion Ratio Lower Upper
107 100
109 95.8 74.7 112.1

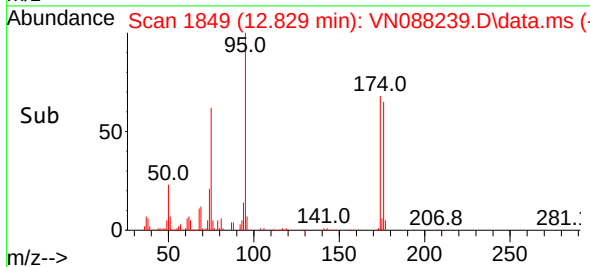
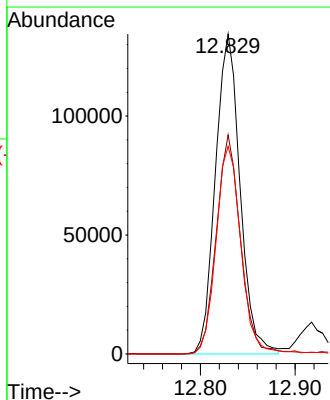
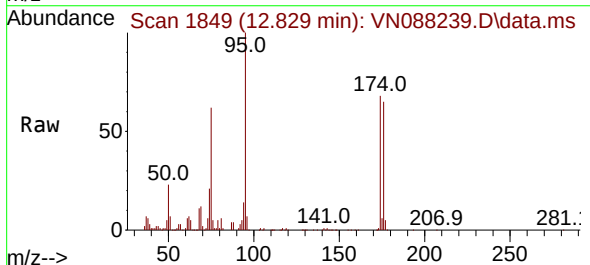
Manual Integrations
APPROVED

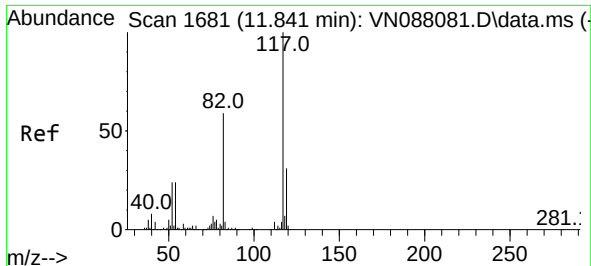
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#62
4-Bromofluorobenzene
Concen: 50.777 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

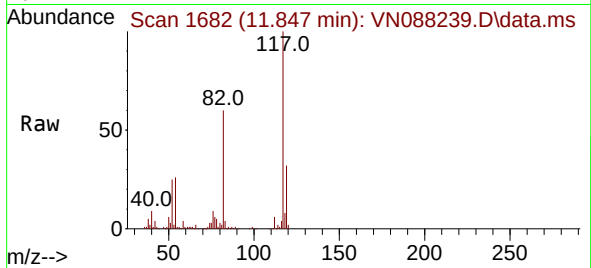
Tgt Ion: 95 Resp: 243684
Ion Ratio Lower Upper
95 100
174 67.1 0.0 138.4
176 65.8 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

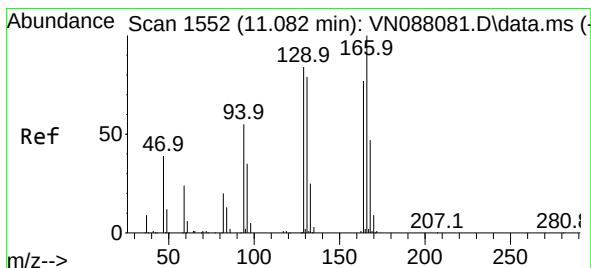
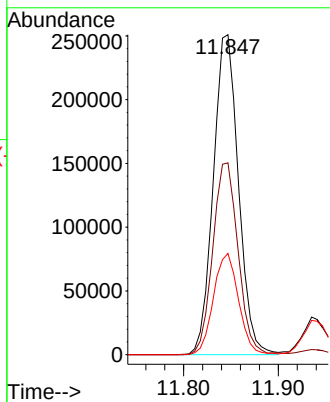
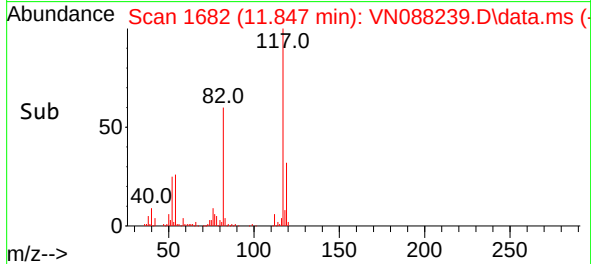
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBS01



Tgt Ion:117 Resp: 463912
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.7 24.3 36.5

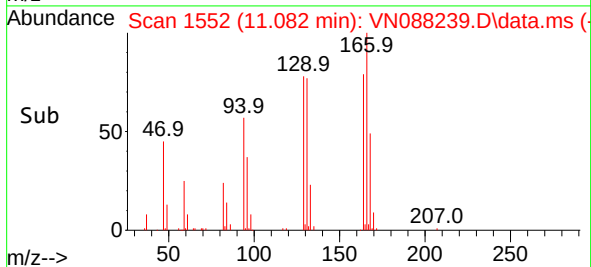
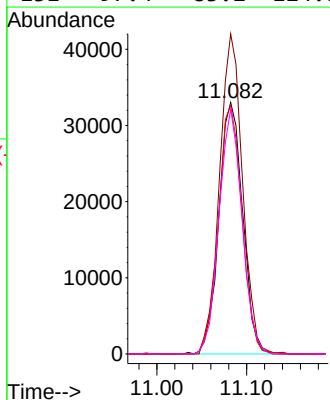
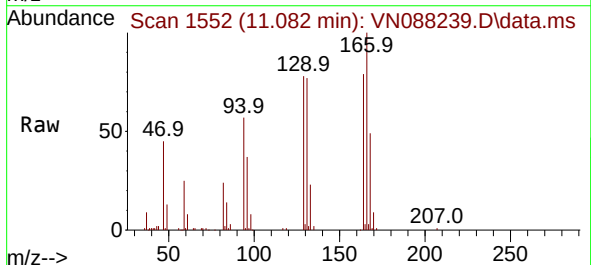
Manual Integrations
APPROVED

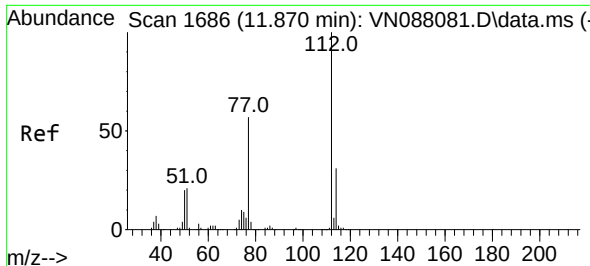
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#64
Tetrachloroethene
Concen: 19.823 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

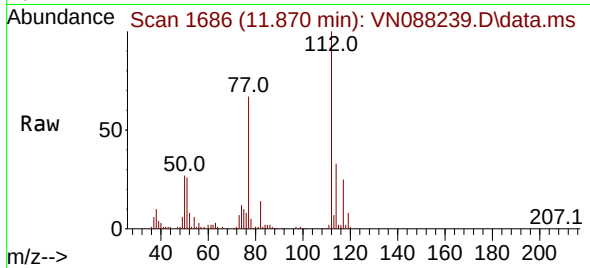
Tgt Ion:164 Resp: 60660
Ion Ratio Lower Upper
164 100
166 127.3 97.7 146.5
129 98.9 85.9 128.9
131 97.4 83.2 124.8





#65
Chlorobenzene
Concen: 19.610 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

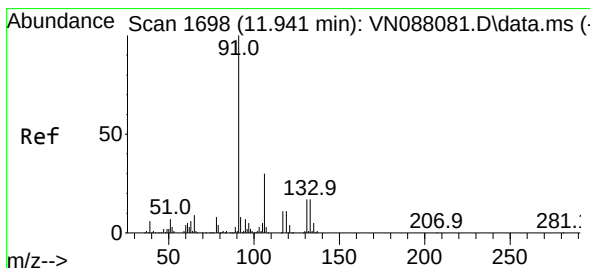
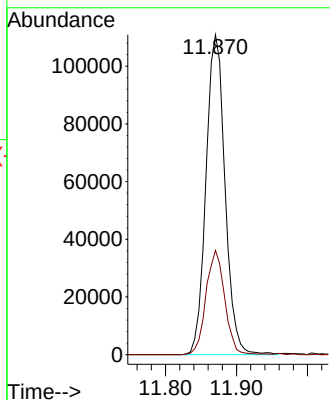
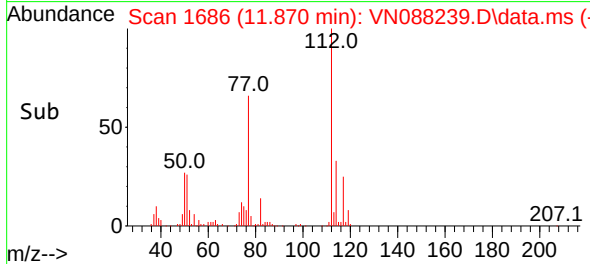
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion:112 Resp: 206570
Ion Ratio Lower Upper
112 100
114 32.6 24.3 36.5

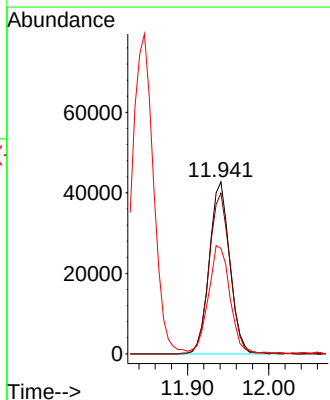
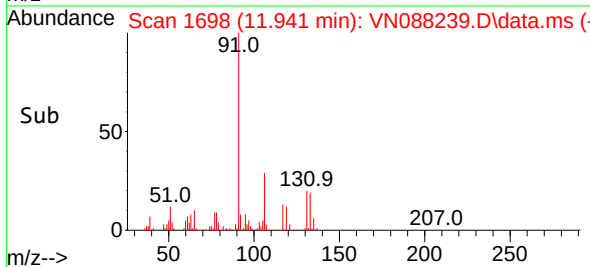
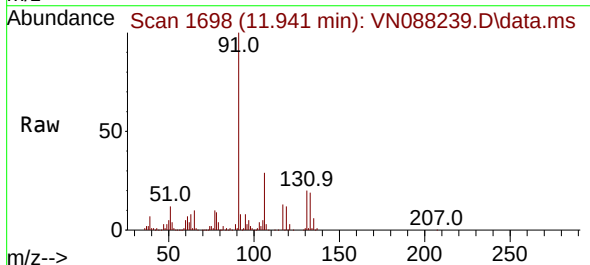
Manual Integrations
APPROVED

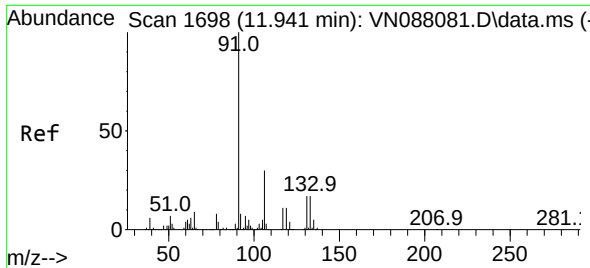
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 21.676 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

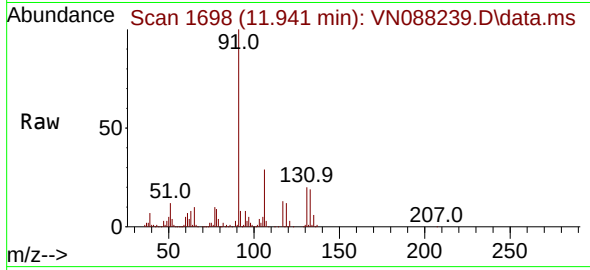
Tgt Ion:131 Resp: 74806
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.0
119 64.8 32.6 97.7





#67
Ethyl Benzene
Concen: 19.624 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

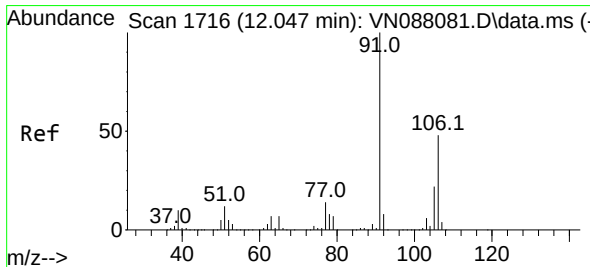
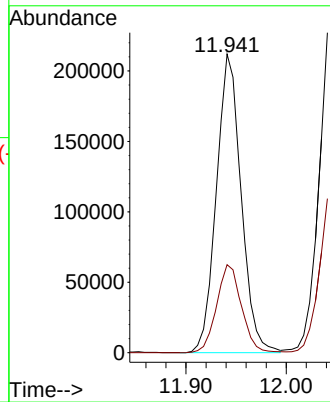
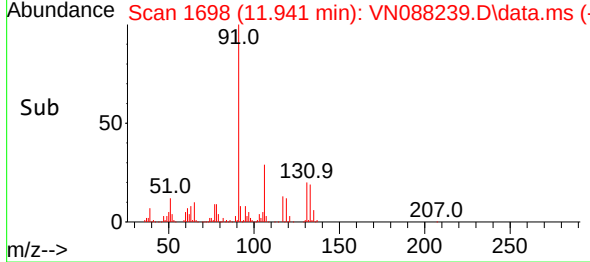
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion: 91 Resp: 362863
Ion Ratio Lower Upper
91 100
106 29.5 24.1 36.1

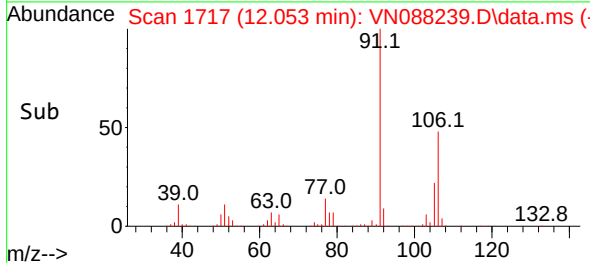
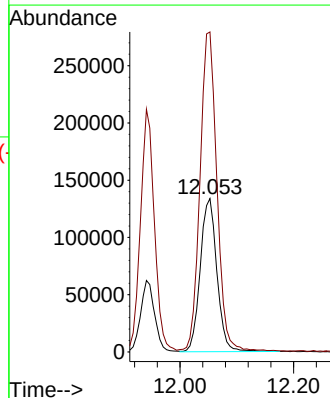
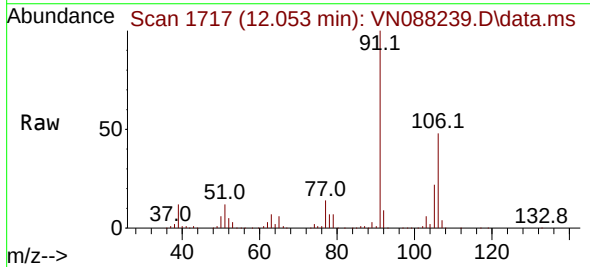
Manual Integrations
APPROVED

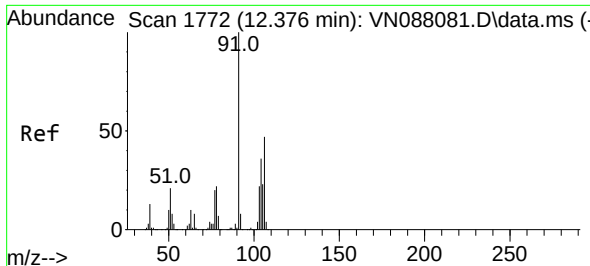
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#68
m/p-Xylenes
Concen: 39.392 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

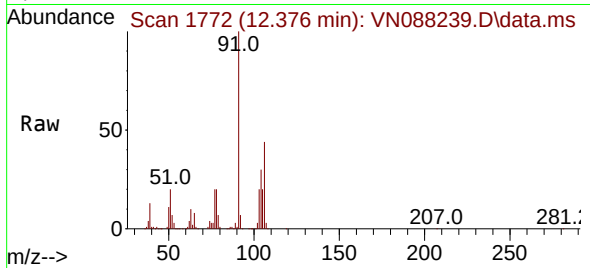
Tgt Ion:106 Resp: 272912
Ion Ratio Lower Upper
106 100
91 211.3 169.3 253.9





#69
o-Xylene
Concen: 20.343 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

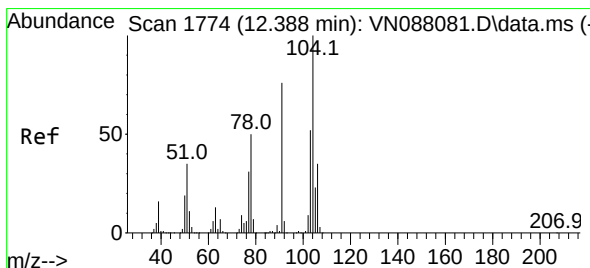
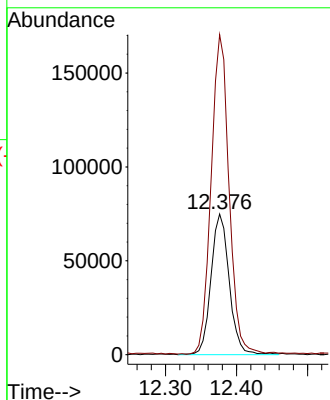
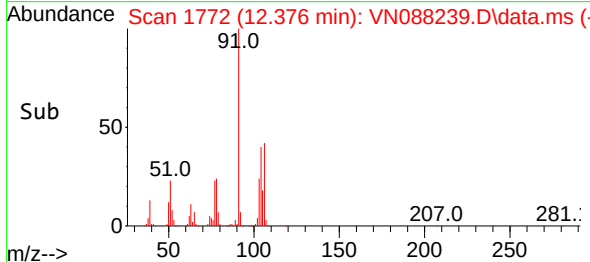
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



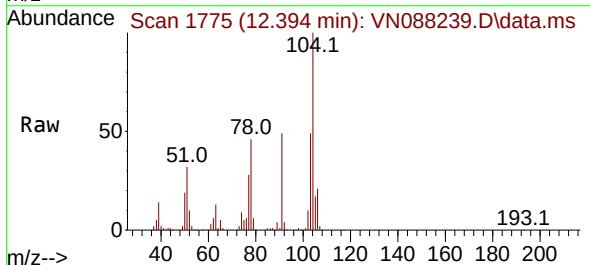
Tgt Ion:106 Resp: 133604
Ion Ratio Lower Upper
106 100
91 222.9 111.4 334.2

Manual Integrations
APPROVED

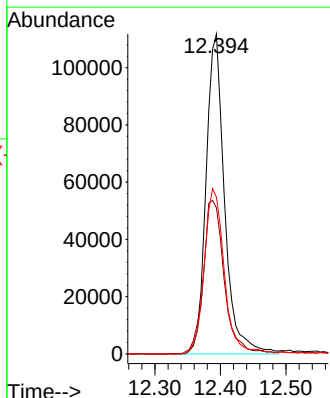
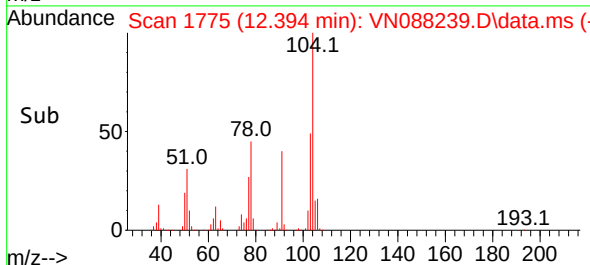
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

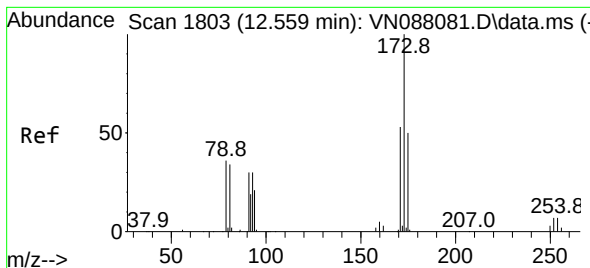


#70
Styrene
Concen: 20.505 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44



Tgt Ion:104 Resp: 219599
Ion Ratio Lower Upper
104 100
78 54.4 42.2 63.2
103 55.9 43.4 65.2





#71

Bromoform

Concen: 22.052 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBS01

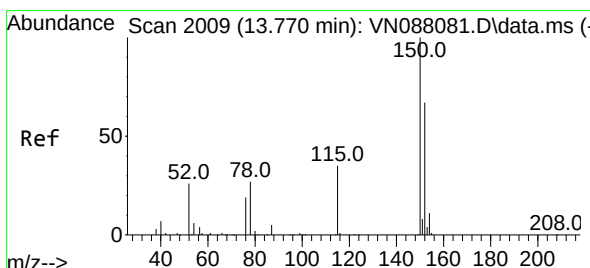
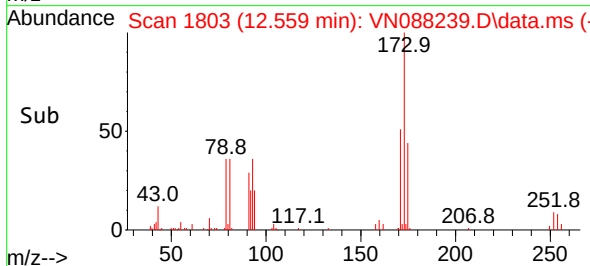
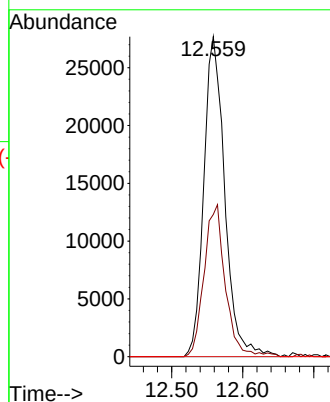
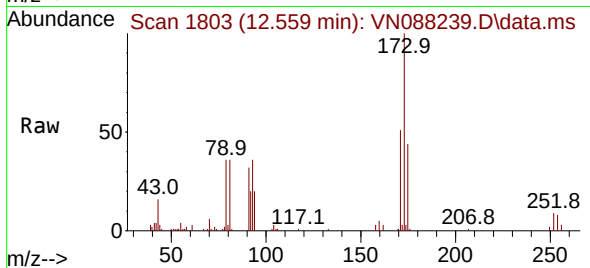
Tgt Ion:173 Resp: 56790
 Ion Ratio Lower Upper
 173 100
 175 48.2 24.9 74.6
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

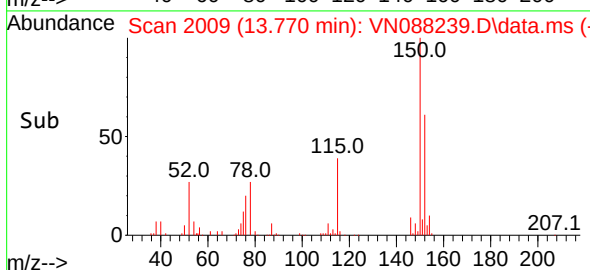
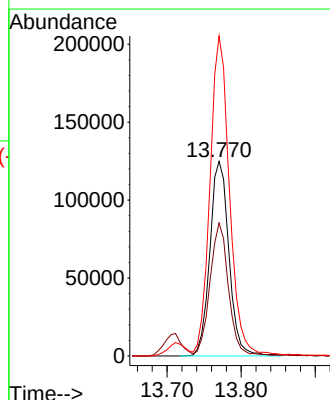
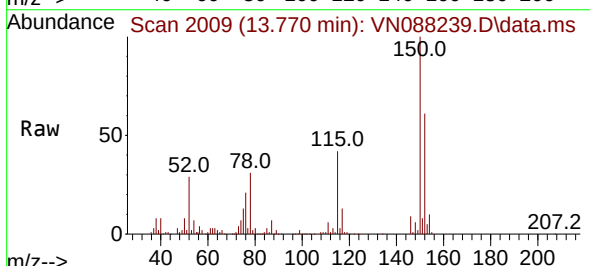
RT: 13.770 min Scan# 2009

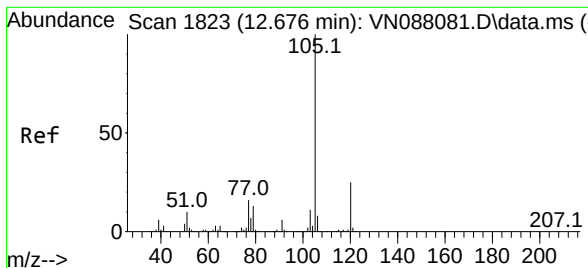
Delta R.T. 0.006 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Tgt Ion:152 Resp: 223747
 Ion Ratio Lower Upper
 152 100
 115 65.3 32.3 96.8
 150 166.0 0.0 351.0





#73

Isopropylbenzene

Concen: 19.976 ug/l

RT: 12.676 min Scan# 1812

Delta R.T. 0.006 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBS01

Tgt Ion:105 Resp: 34472

Ion Ratio Lower Upper

105 100

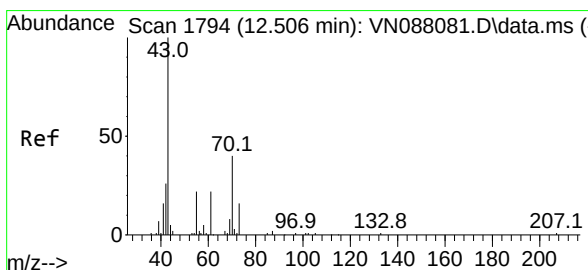
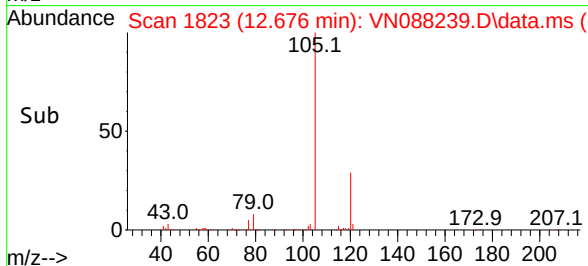
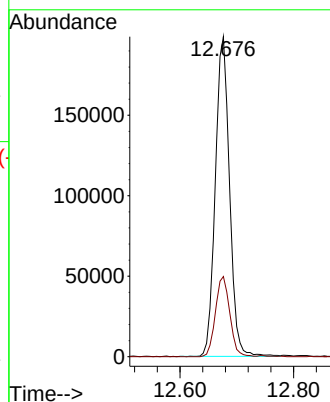
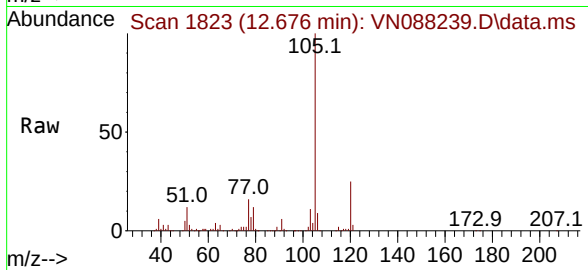
120 25.3 12.8 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#74

N-ethyl acetate

Concen: 20.434 ug/l m

RT: 12.612 min Scan# 1812

Delta R.T. 0.112 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Tgt Ion: 43 Resp: 100104

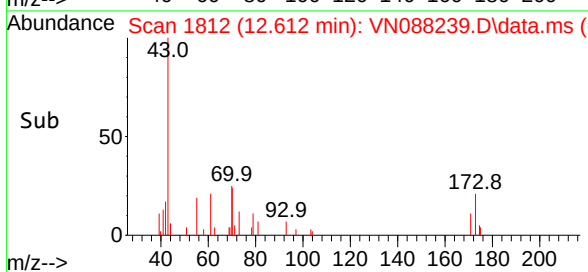
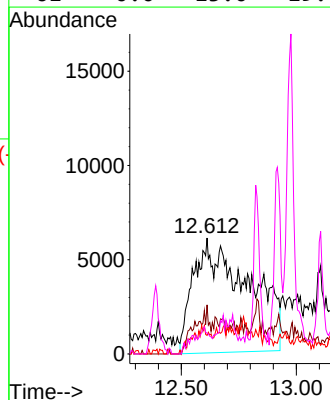
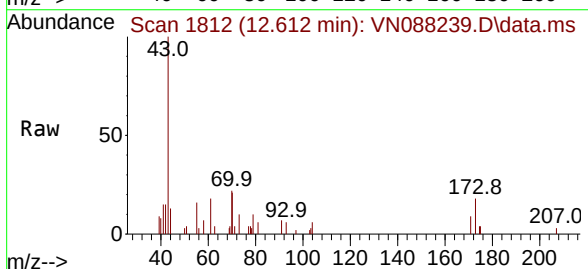
Ion Ratio Lower Upper

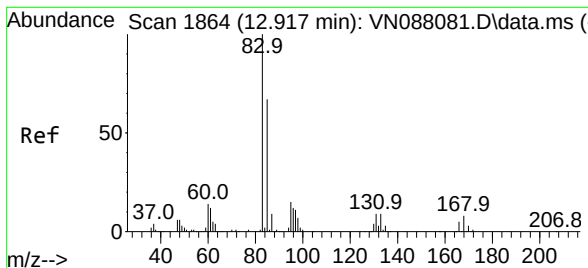
43 100

70 0.0 27.6 41.4#

55 0.1 13.0 19.6#

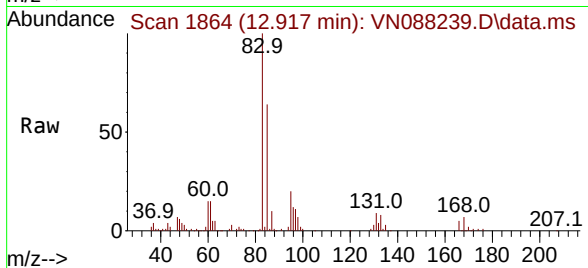
61 0.0 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 22.277 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

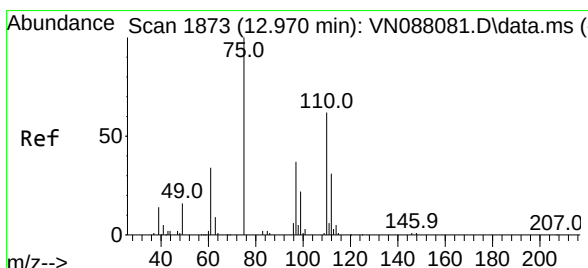
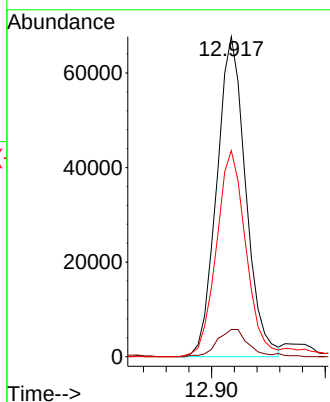
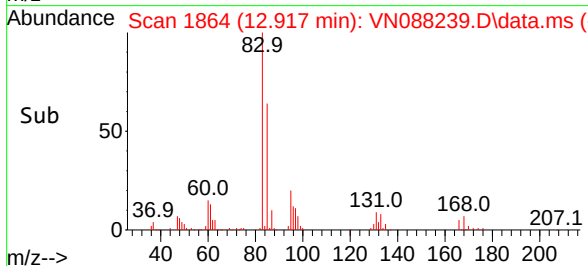
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



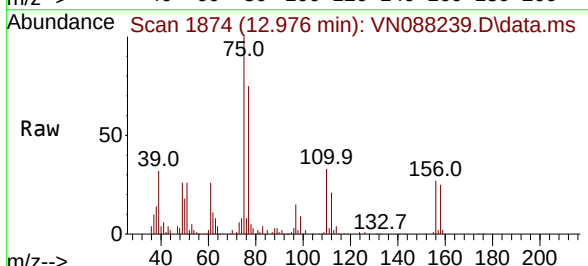
Tgt Ion: 83 Resp: 119688
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.4
85 65.4 32.1 96.3

Manual Integrations
APPROVED

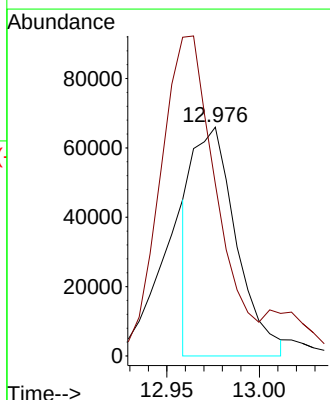
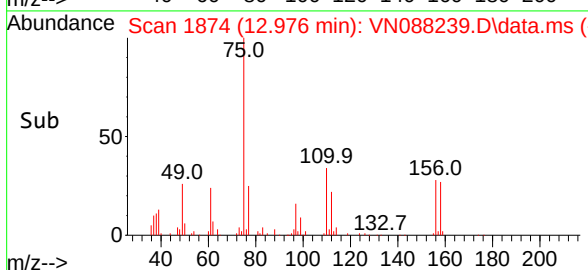
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025

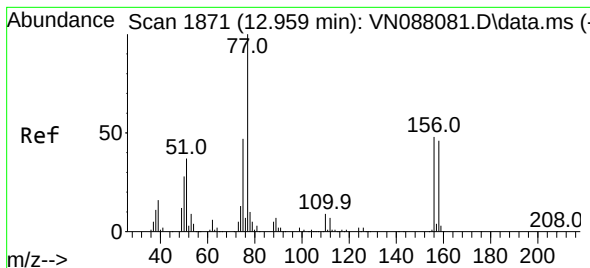


#76
1,2,3-Trichloropropane
Concen: 21.384 ug/l m
RT: 12.976 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44



Tgt Ion: 75 Resp: 109391
Ion Ratio Lower Upper
75 100
77 177.3 89.1 267.4





#77

Bromobenzene

Concen: 22.004 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBS01

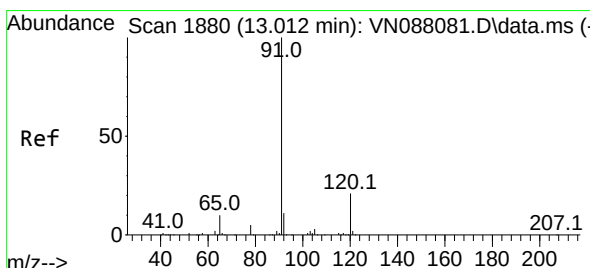
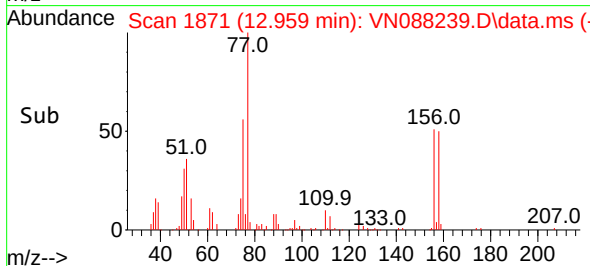
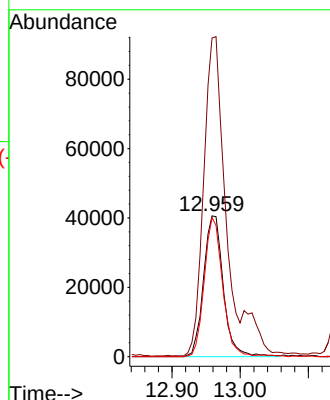
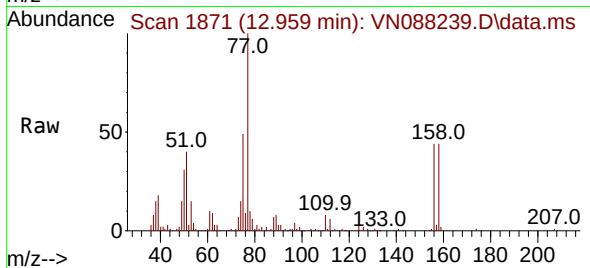
Tgt Ion:	156	Resp:	8188
Ion Ratio	Lower	Upper	
156	100		
77	236.9	119.3	358.0
158	91.4	48.2	144.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#78

n-propylbenzene

Concen: 19.859 ug/l

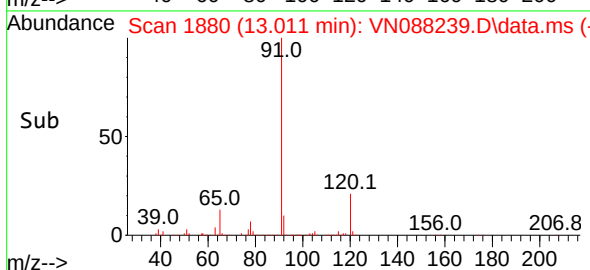
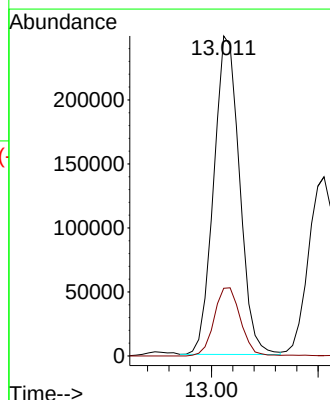
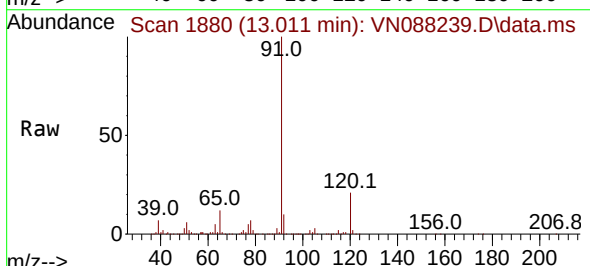
RT: 13.011 min Scan# 1880

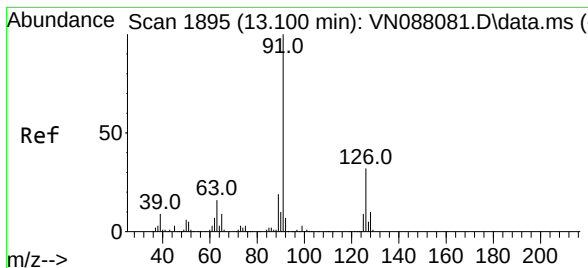
Delta R.T. -0.001 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Tgt Ion:	91	Resp:	418225
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.7	32.1





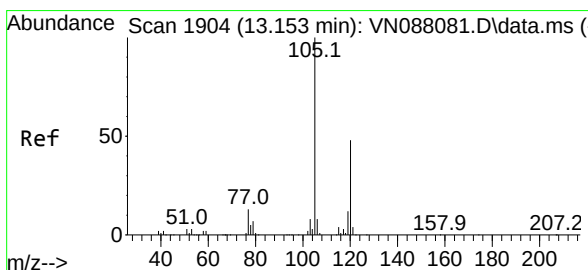
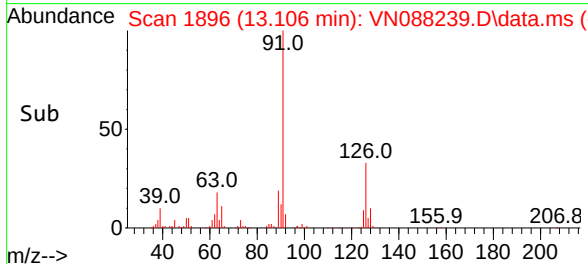
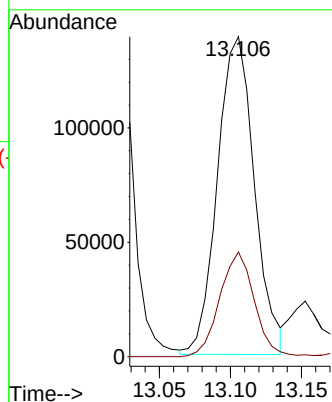
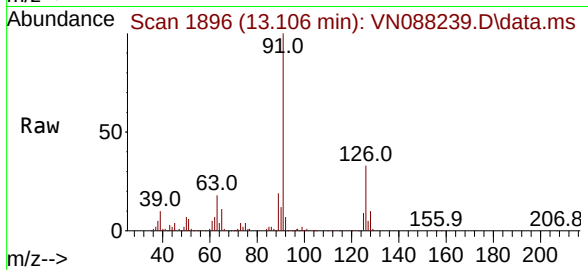
#79
2-Chlorotoluene
Concen: 20.937 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN1110MBS01

Tgt Ion: 91 Resp: 251440
Ion Ratio Lower Upper
91 100
126 30.9 16.1 48.3

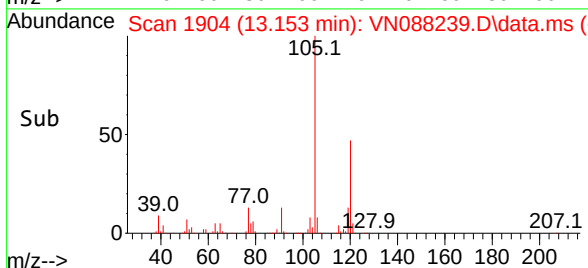
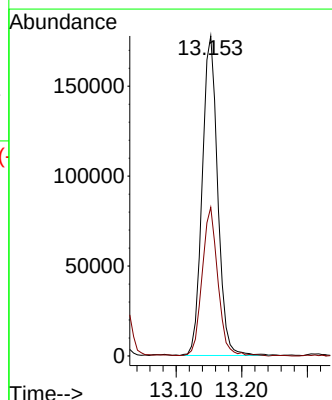
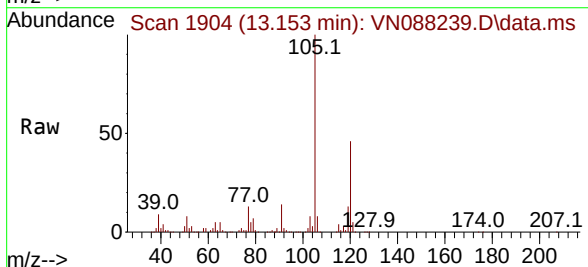
Manual Integrations
APPROVED

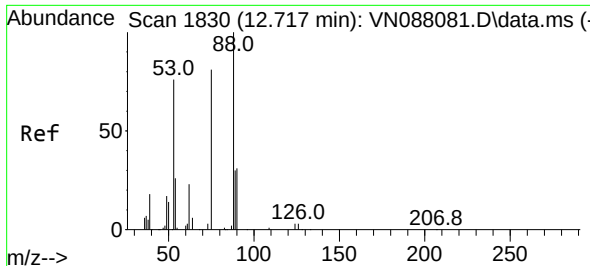
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#80
1,3,5-Trimethylbenzene
Concen: 20.426 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

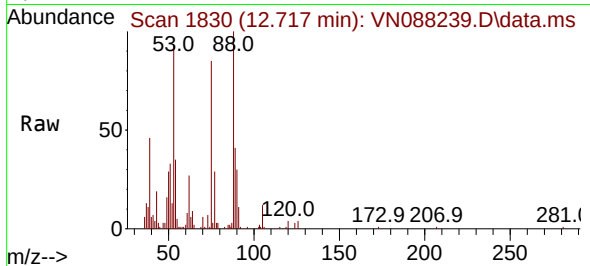
Tgt Ion:105 Resp: 292753
Ion Ratio Lower Upper
105 100
120 47.3 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.430 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

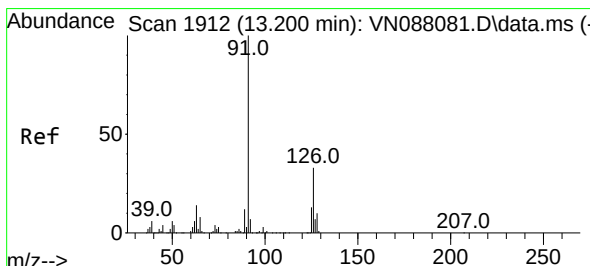
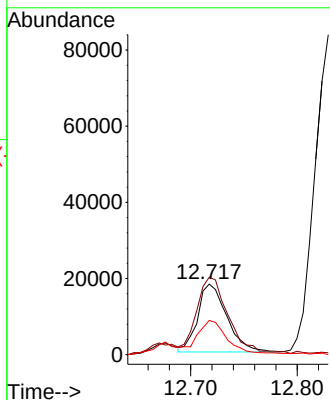
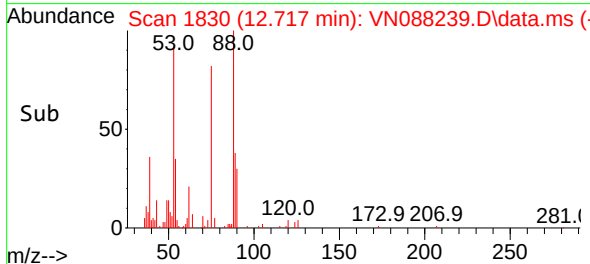
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBS01



Tgt Ion: 75 Resp: 33798
Ion Ratio Lower Upper
75 100
53 124.0 101.8 152.6
89 55.5 35.6 53.4

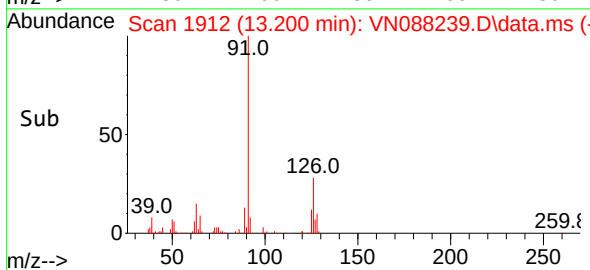
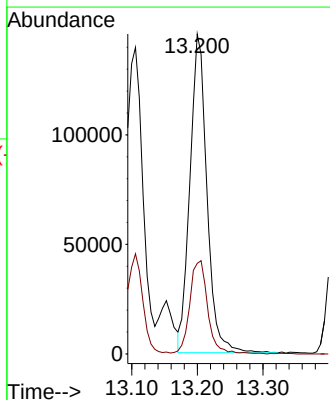
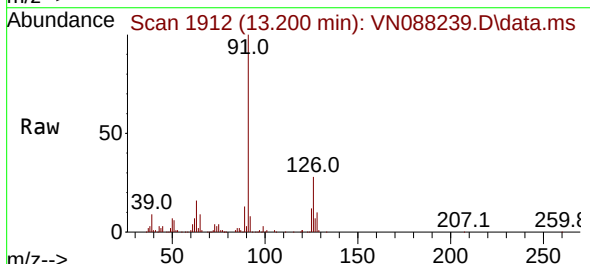
Manual Integrations
APPROVED

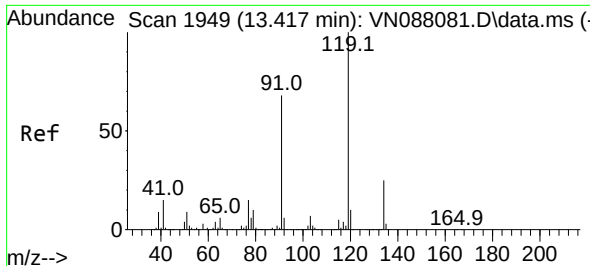
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#82
4-Chlorotoluene
Concen: 20.208 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

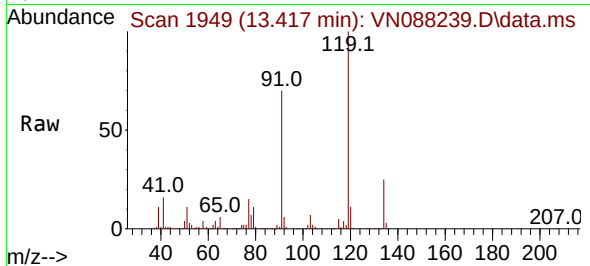
Tgt Ion: 91 Resp: 262569
Ion Ratio Lower Upper
91 100
126 31.1 15.6 46.8





#83
tert-Butylbenzene
Concen: 19.071 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

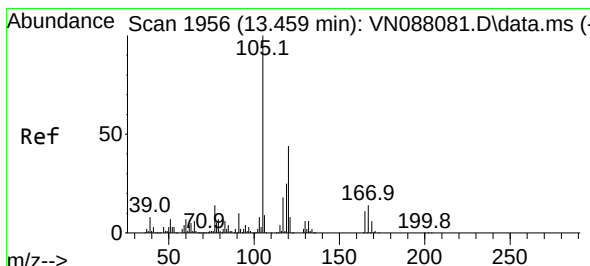
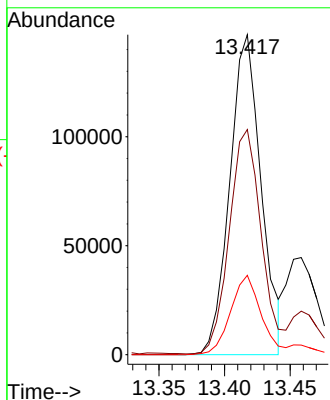
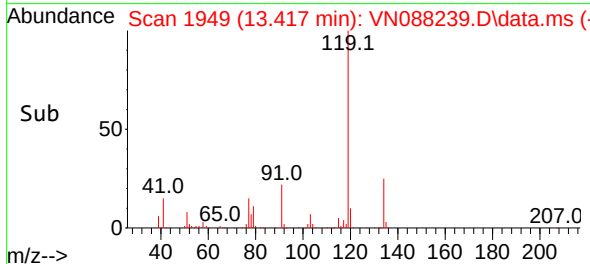
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBS01



Tgt Ion:119 Resp: 244168
Ion Ratio Lower Upper
119 100
91 72.3 35.0 105.0
134 24.2 12.6 37.8

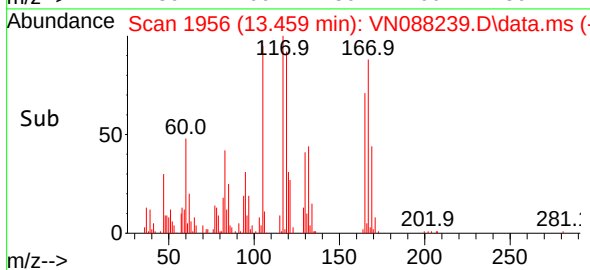
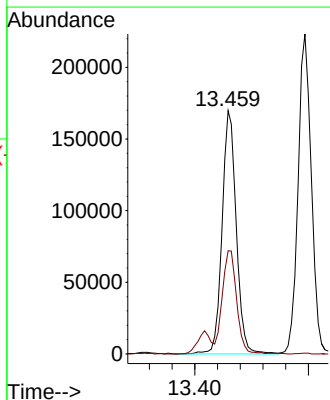
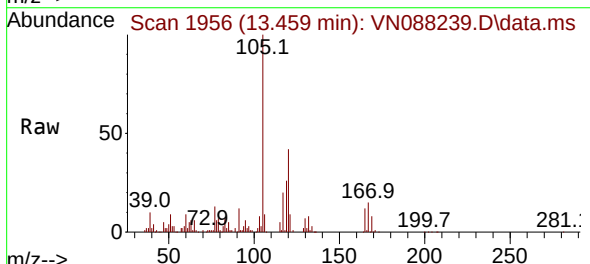
Manual Integrations
APPROVED

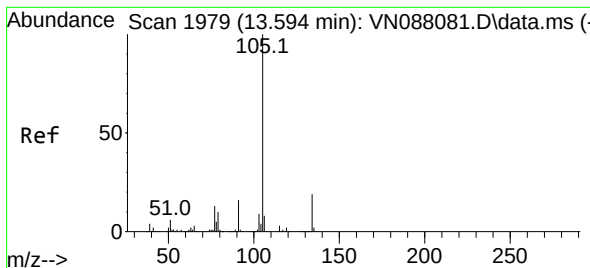
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#84
1,2,4-Trimethylbenzene
Concen: 20.585 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

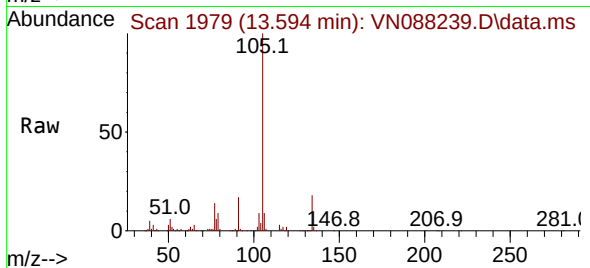
Tgt Ion:105 Resp: 295179
Ion Ratio Lower Upper
105 100
120 42.9 22.0 66.0





#85
sec-Butylbenzene
Concen: 19.208 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

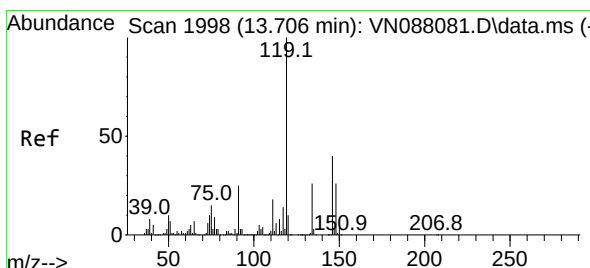
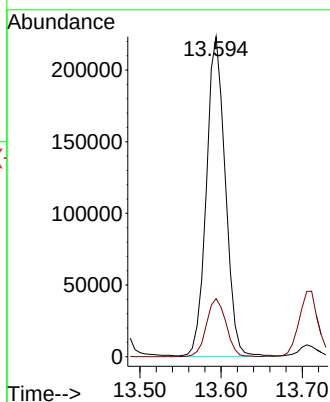
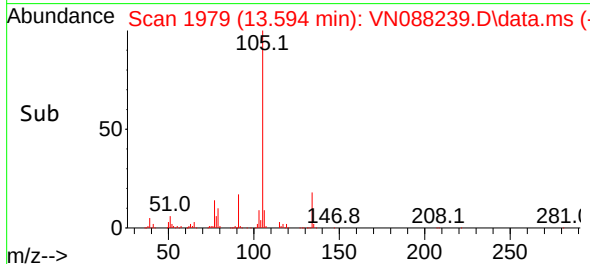
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01



Tgt Ion:105 Resp: 361300
Ion Ratio Lower Upper
105 100
134 18.8 9.6 28.6

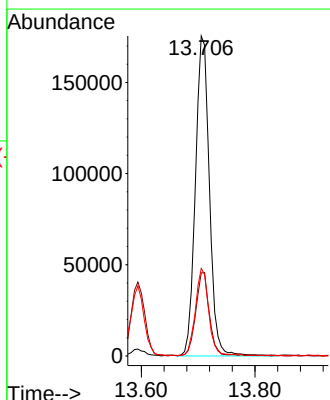
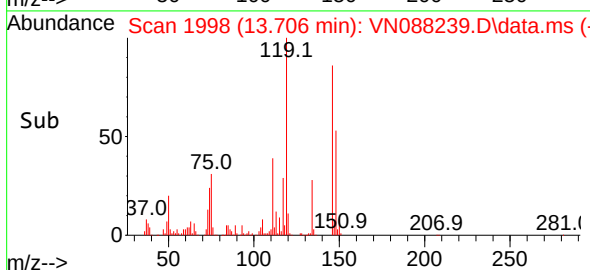
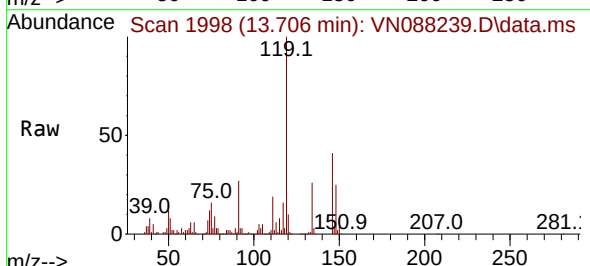
Manual Integrations
APPROVED

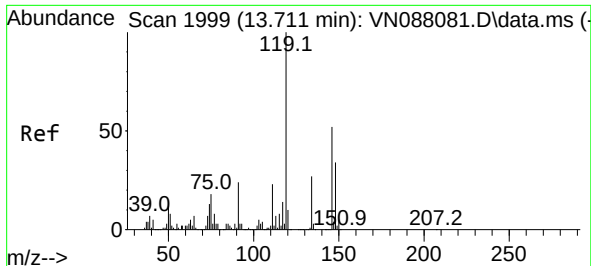
Reviewed By :John Carbone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#86
p-Isopropyltoluene
Concen: 20.006 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:119 Resp: 301885
Ion Ratio Lower Upper
119 100
134 25.6 12.7 38.0
91 25.4 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 20.523 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBS01

Tgt Ion:146 Resp: 15246

Ion Ratio Lower Upper

146 100

111 45.4 22.1 66.5

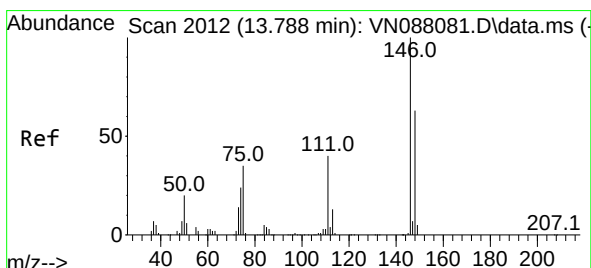
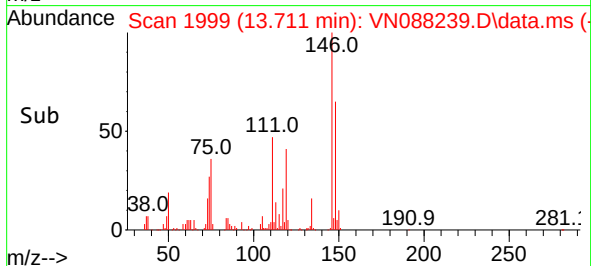
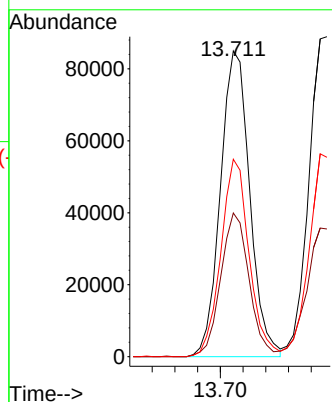
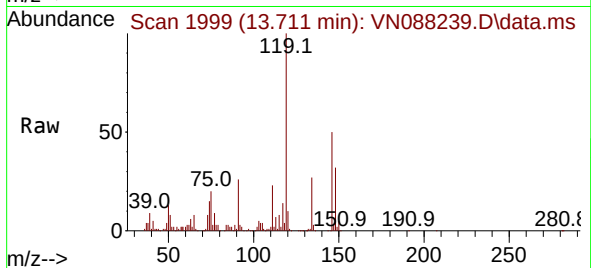
148 62.2 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#88

1,4-Dichlorobenzene

Concen: 20.175 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

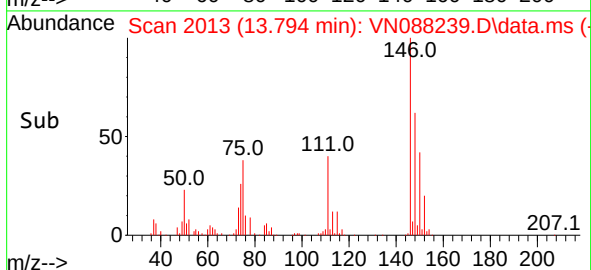
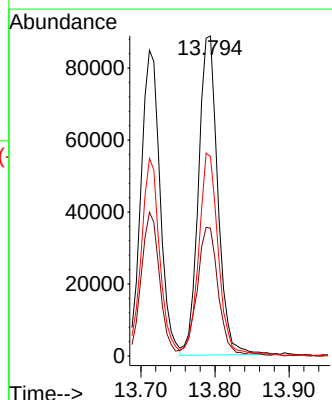
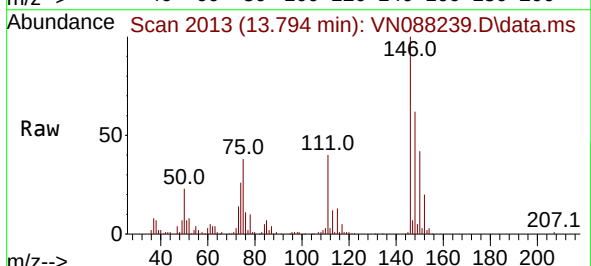
Tgt Ion:146 Resp: 160973

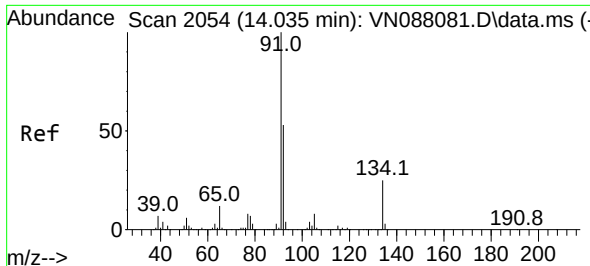
Ion Ratio Lower Upper

146 100

111 42.5 21.0 63.0

148 62.3 32.0 96.0





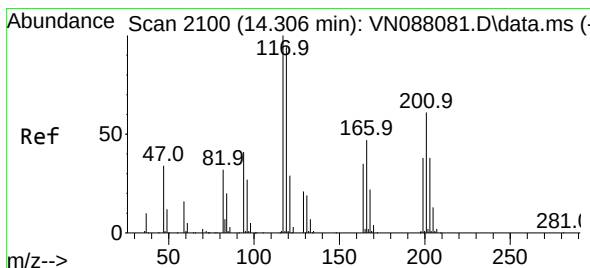
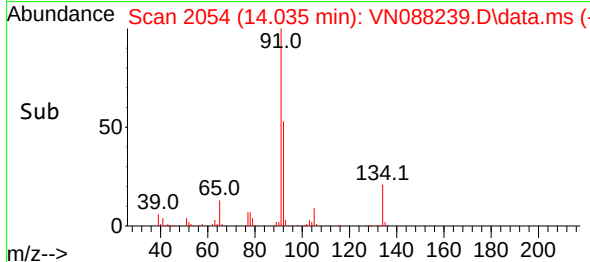
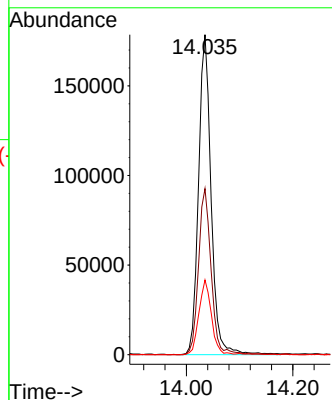
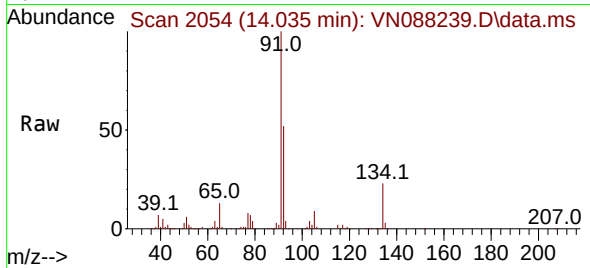
#89
n-Butylbenzene
Concen: 19.590 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN1110MBSD01

Tgt Ion: 91 Resp: 29280
Ion Ratio Lower Upper
91 100
92 52.2 25.9 77.8
134 23.2 11.7 35.0

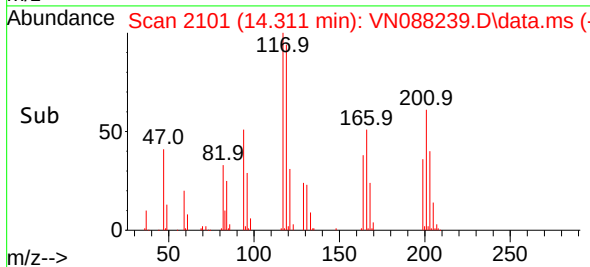
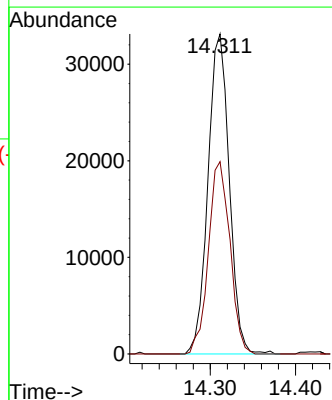
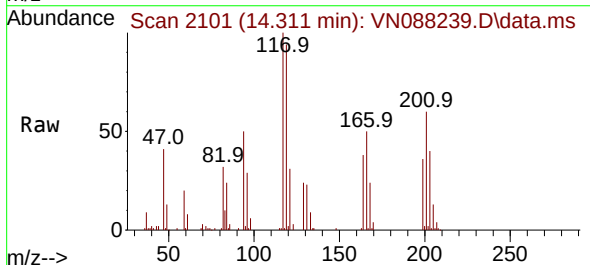
Manual Integrations
APPROVED

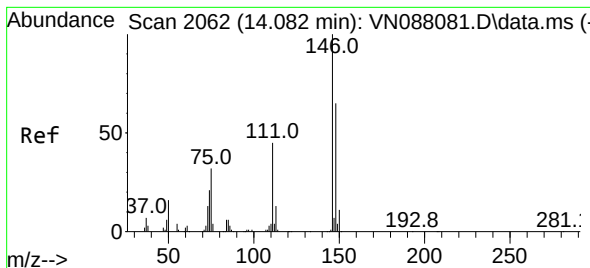
Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#90
Hexachloroethane
Concen: 19.663 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:117 Resp: 57458
Ion Ratio Lower Upper
117 100
201 60.8 29.1 87.4





#91

1,2-Dichlorobenzene

Concen: 20.346 ug/l

RT: 14.088 min Scan# 2062

Delta R.T. 0.006 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBS01

Tgt Ion:146 Resp: 14569

Ion Ratio Lower Upper

146 100

111 46.0 22.6 67.8

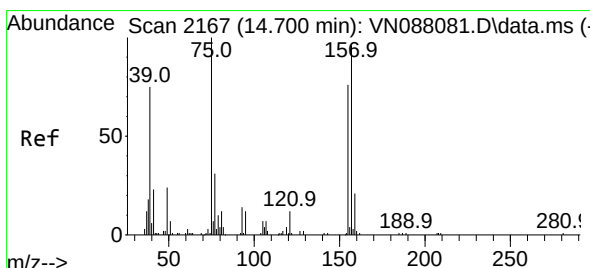
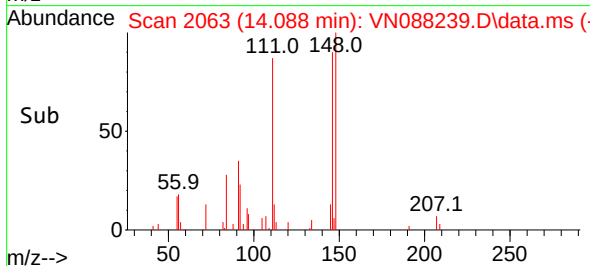
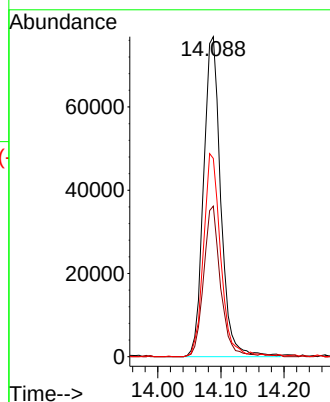
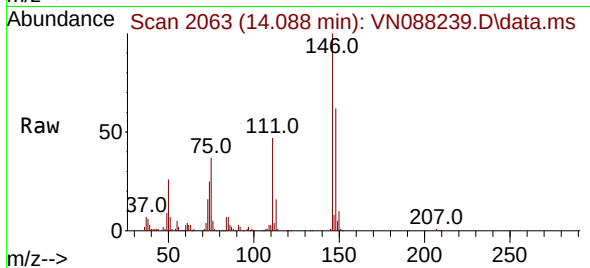
148 63.4 31.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.699 ug/l

RT: 14.700 min Scan# 2167

Delta R.T. -0.000 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

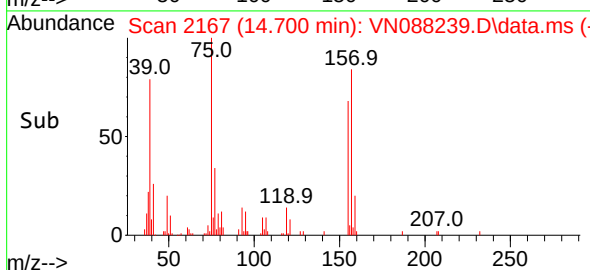
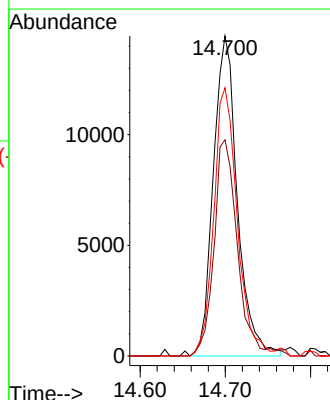
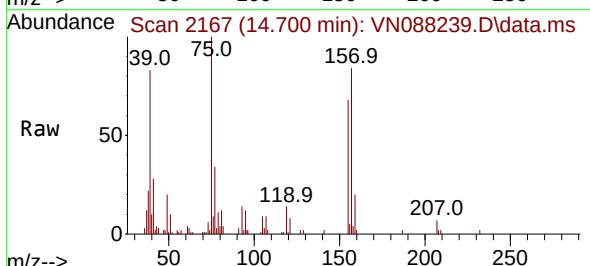
Tgt Ion: 75 Resp: 28385

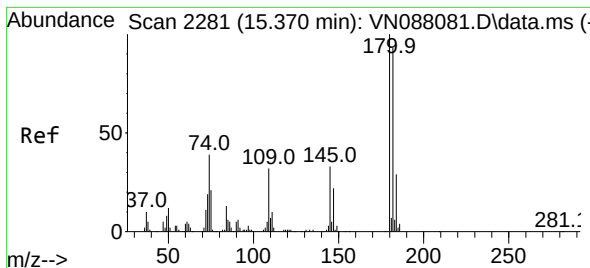
Ion Ratio Lower Upper

75 100

155 66.0 36.6 109.9

157 82.1 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 20.082 ug/l

RT: 15.370 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN1110MBS01

Tgt Ion:180 Resp: 87090

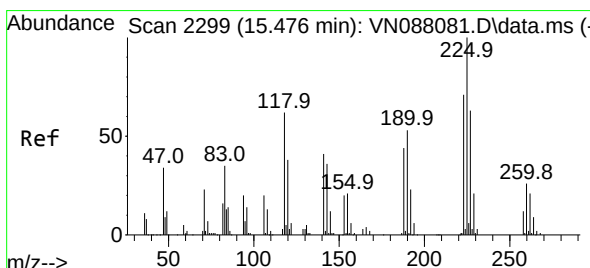
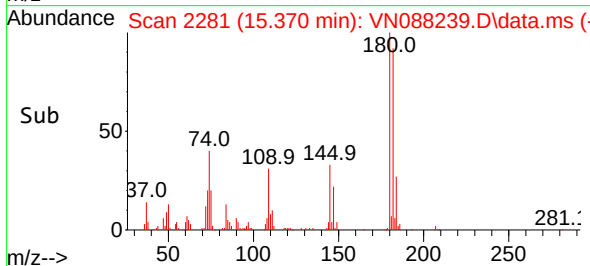
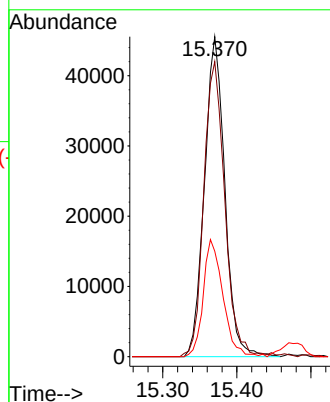
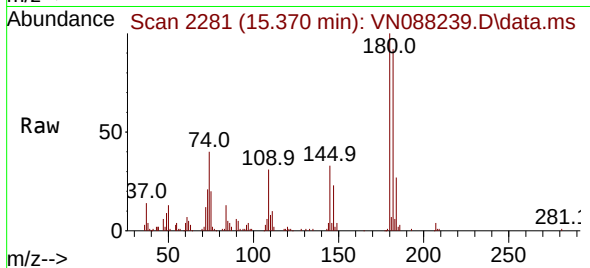
Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.9
145	35.4	16.5	49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2025

Supervised By :Semsettin Yesilyurt 11/11/2025



#94

Hexachlorobutadiene

Concen: 21.500 ug/l

RT: 15.476 min Scan# 2299

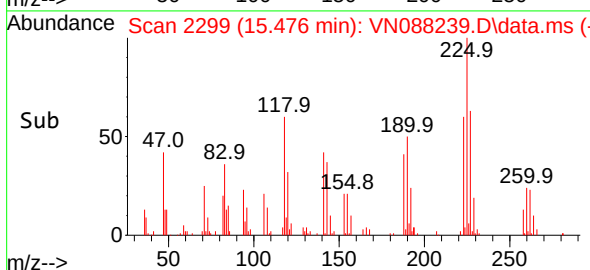
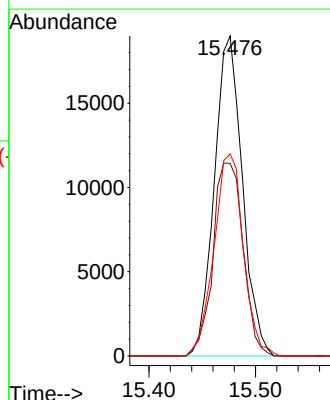
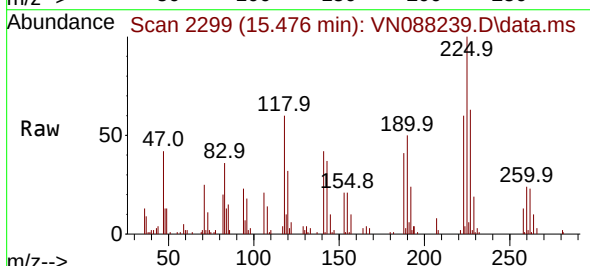
Delta R.T. -0.000 min

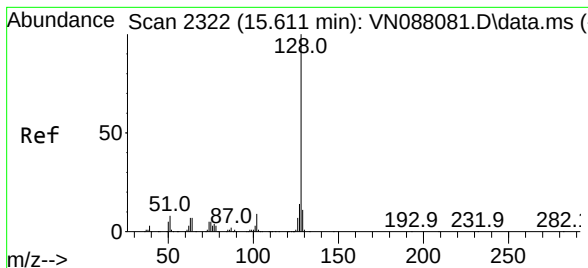
Lab File: VN088239.D

Acq: 10 Nov 2025 14:44

Tgt Ion:225 Resp: 34722

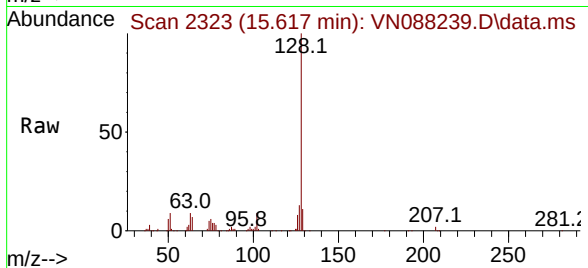
Ion	Ratio	Lower	Upper
225	100		
223	64.6	32.0	96.2
227	66.1	32.1	96.5





#95
Naphthalene
Concen: 19.840 ug/l
RT: 15.617 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

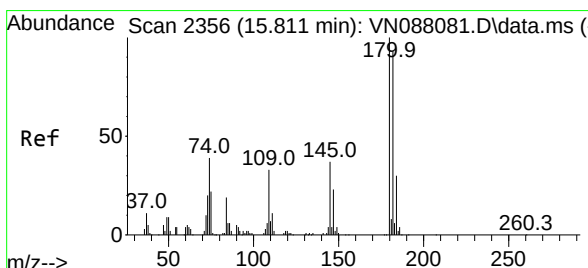
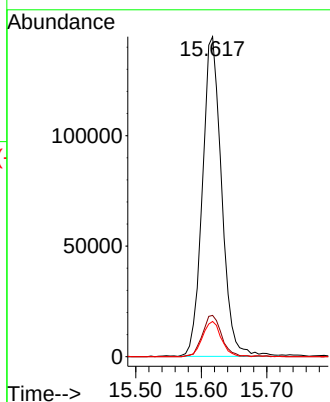
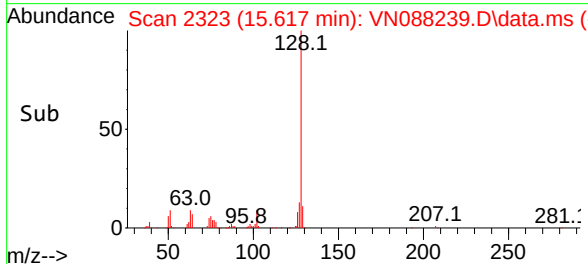
Instrument :
MSVOA_N
ClientSampleId :
VN1110MBS01



Tgt Ion:128 Resp: 294760
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.9 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/11/2025
Supervised By :Semsettin Yesilyurt 11/11/2025



#96
1,2,3-Trichlorobenzene
Concen: 19.266 ug/l
RT: 15.817 min Scan# 2357
Delta R.T. 0.006 min
Lab File: VN088239.D
Acq: 10 Nov 2025 14:44

Tgt Ion:180 Resp: 80113
Ion Ratio Lower Upper
180 100
182 96.2 46.8 140.3
145 37.2 17.3 52.0

