

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
 Data File : VN087631.D
 Acq On : 22 Aug 2025 11:16
 Operator : JC\MD
 Sample : VN0822WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS01

Quant Time: Aug 25 01:16:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/25/2025
 Supervised By : Semsettin Yesilyurt 08/25/2025

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	241192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	479192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	431937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	215397	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	231405	46.827	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.660%
35) Dibromofluoromethane	8.153	113	160215	46.308	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.620%
50) Toluene-d8	10.547	98	605493	46.759	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.829	95	212626	46.171	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.340%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	69686	20.343	ug/l	90
3) Chloromethane	2.383	50	67635	19.212	ug/l	100
4) Vinyl Chloride	2.536	62	76748	18.803	ug/l	99
5) Bromomethane	2.983	94	39436	18.724	ug/l	93
6) Chloroethane	3.142	64	49962	17.415	ug/l	95
7) Trichlorofluoromethane	3.506	101	109762	18.354	ug/l	97
8) Diethyl Ether	3.959	74	44652	17.144	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	58647	17.331	ug/l	97
10) Methyl Iodide	4.577	142	33165	18.139	ug/l	94
11) Tert butyl alcohol	5.530	59	80206	93.490	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	61382	17.652	ug/l	83
13) Acrolein	4.177	56	104444	99.029	ug/l	99
14) Allyl chloride	5.012	41	100717	15.983	ug/l	98
15) Acrylonitrile	5.706	53	201460	83.265	ug/l	99
16) Acetone	4.424	43	206663	76.823	ug/l	94
17) Carbon Disulfide	4.700	76	168956	17.649	ug/l	97
18) Methyl Acetate	5.018	43	95802	17.009	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	222926	17.089	ug/l	97
20) Methylene Chloride	5.259	84	69318	16.995	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	63619	16.881	ug/l	96
22) Diisopropyl ether	6.659	45	234550	17.248	ug/l	99
23) Vinyl Acetate	6.588	43	1076466	87.008	ug/l	98
24) 1,1-Dichloroethane	6.553	63	124374	16.681	ug/l	98
25) 2-Butanone	7.471	43	299672	84.672	ug/l	98
26) 2,2-Dichloropropane	7.471	77	109021	17.036	ug/l	99
27) cis-1,2-Dichloroethene	7.471	96	79102	17.557	ug/l	99
28) Bromochloromethane	7.794	49	69245	19.210	ug/l	97
29) Tetrahydrofuran	7.824	42	192753	84.627	ug/l	98
30) Chloroform	7.947	83	132880	17.460	ug/l	93
31) Cyclohexane	8.241	56	114346	18.396	ug/l	97
32) 1,1,1-Trichloroethane	8.153	97	112365	17.422	ug/l	96
36) 1,1-Dichloropropene	8.353	75	87041	16.399	ug/l	99
37) Ethyl Acetate	7.547	43	115459	15.919	ug/l	97
38) Carbon Tetrachloride	8.341	117	91391	17.440	ug/l	86
39) Methylcyclohexane	9.582	83	95630	16.365	ug/l	96
40) Benzene	8.588	78	276595	16.990	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
 Data File : VN087631.D
 Acq On : 22 Aug 2025 11:16
 Operator : JC\MD
 Sample : VN0822WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS01

Quant Time: Aug 25 01:16:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	65670	17.479	ug/l	98
42) 1,2-Dichloroethane	8.653	62	106027	16.948	ug/l	98
43) Isopropyl Acetate	8.677	43	191154	16.881	ug/l	99
44) Trichloroethene	9.335	130	62974	16.943	ug/l	99
45) 1,2-Dichloropropane	9.600	63	69939	16.299	ug/l	100
46) Dibromomethane	9.688	93	51222	16.774	ug/l	96
47) Bromodichloromethane	9.871	83	106323	16.989	ug/l	95
48) Methyl methacrylate	9.665	41	89743	16.755	ug/l	99
49) 1,4-Dioxane	9.688	88	25980	374.229	ug/l #	98
51) 4-Methyl-2-Pentanone	10.429	43	584152	85.502	ug/l	99
52) Toluene	10.612	92	171056	16.949	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	112073	17.301	ug/l	95
54) cis-1,3-Dichloropropene	10.294	75	116075	17.257	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	65157	16.689	ug/l	95
56) Ethyl methacrylate	10.859	69	104316	16.719	ug/l	97
57) 1,3-Dichloropropane	11.147	76	117218	16.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	304662	90.215	ug/l	99
59) 2-Hexanone	11.176	43	379051	87.788	ug/l	99
60) Dibromochloromethane	11.335	129	74801	16.535	ug/l	97
61) 1,2-Dibromoethane	11.447	107	68959	16.751	ug/l	98
64) Tetrachloroethene	11.082	164	48922	16.325	ug/l	92
65) Chlorobenzene	11.871	112	185206	17.235	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.941	131	62327	17.471	ug/l	99
67) Ethyl Benzene	11.941	91	321564	17.283	ug/l	97
68) m/p-Xylenes	12.047	106	239600	35.114	ug/l	99
69) o-Xylene	12.376	106	114234	17.083	ug/l	98
70) Styrene	12.388	104	195650	17.464	ug/l	98
71) Bromoform	12.559	173	46695	17.067	ug/l #	97
73) Isopropylbenzene	12.676	105	304422	17.490	ug/l	98
74) N-amyl acetate	12.594	43	102214m	15.496	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	104436	17.428	ug/l	97
76) 1,2,3-Trichloropropane	12.970	75	101760m	20.146	ug/l	
77) Bromobenzene	12.959	156	68703	16.741	ug/l	95
78) n-propylbenzene	13.012	91	376049	17.540	ug/l	100
79) 2-Chlorotoluene	13.106	91	225373	17.468	ug/l	97
80) 1,3,5-Trimethylbenzene	13.153	105	256037	17.340	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.717	75	29445	15.433	ug/l	90
82) 4-Chlorotoluene	13.200	91	237483	17.507	ug/l	100
83) tert-Butylbenzene	13.417	119	213593	17.359	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	261718	17.706	ug/l	98
85) sec-Butylbenzene	13.594	105	321980	17.634	ug/l	99
86) p-Isopropyltoluene	13.706	119	260272	17.262	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	138401	17.125	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	142344	16.925	ug/l	99
89) n-Butylbenzene	14.035	91	253824	16.950	ug/l	99
90) Hexachloroethane	14.306	117	49631	17.278	ug/l	98
91) 1,2-Dichlorobenzene	14.082	146	130957	17.080	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23900	16.789	ug/l	97
93) 1,2,4-Trichlorobenzene	15.370	180	79056	17.171	ug/l	99
94) Hexachlorobutadiene	15.476	225	30115	18.347	ug/l	93
95) Naphthalene	15.617	128	276337	16.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	72121	16.023	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087631.D
Acq On : 22 Aug 2025 11:16
Operator : JC\MD
Sample : VN0822WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

Quant Time: Aug 25 01:16:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

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

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

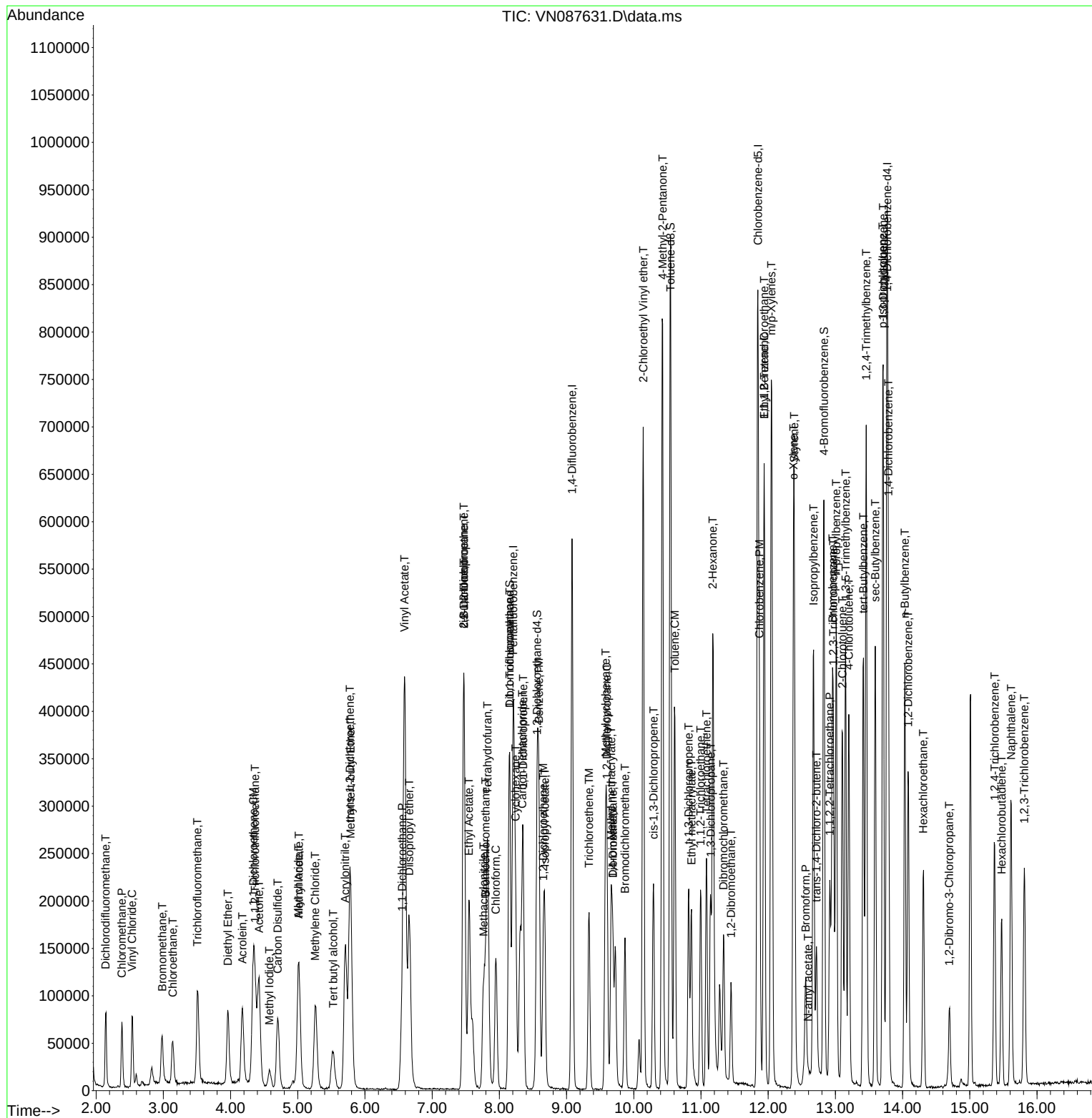
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082225\
Data File : VN087631.D
Acq On : 22 Aug 2025 11:16
Operator : JC\MD
Sample : VN0822WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

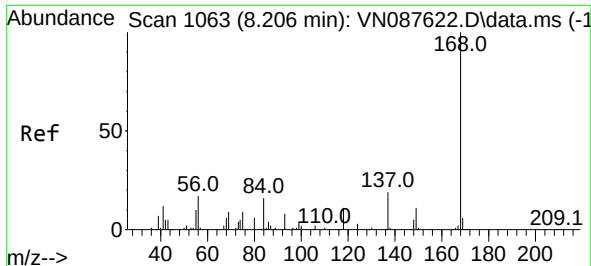
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01

Quant Time: Aug 25 01:16:38 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Manual Integrations
APPROVED

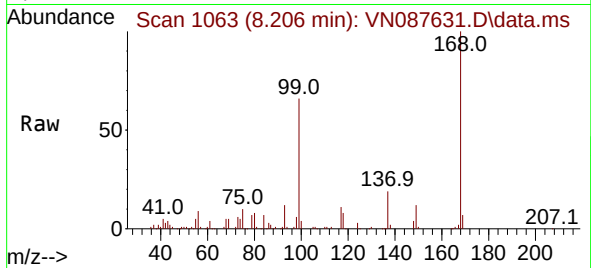
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

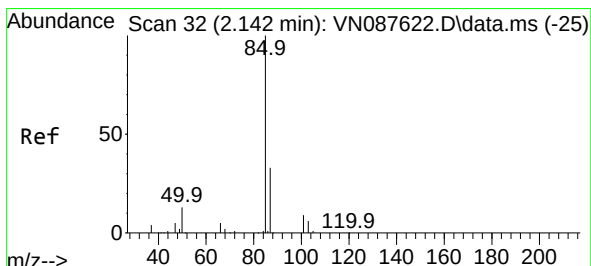
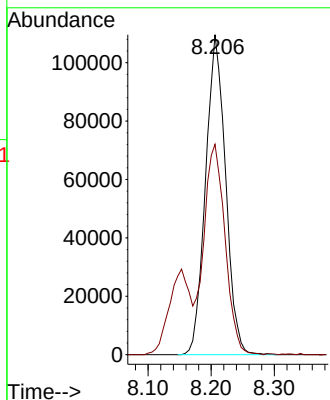
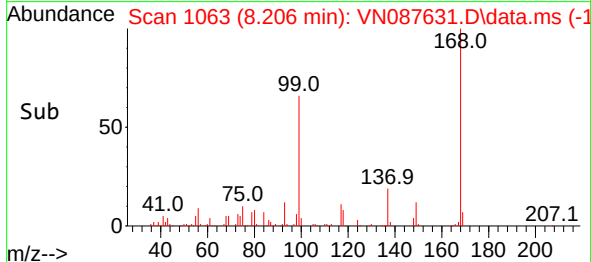
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion:168 Resp: 241192
Ion Ratio Lower Upper
168 100
99 65.8 57.2 85.8

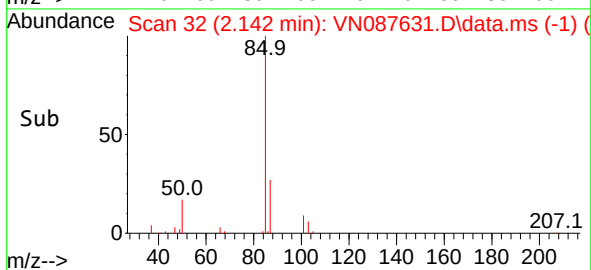
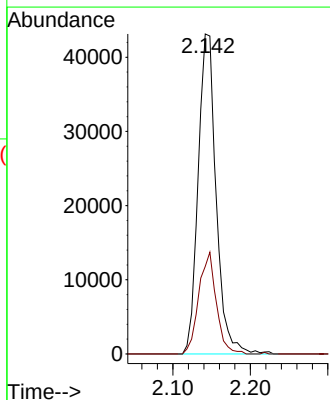
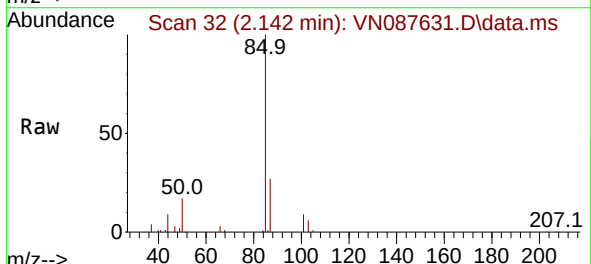
Manual Integrations
APPROVED

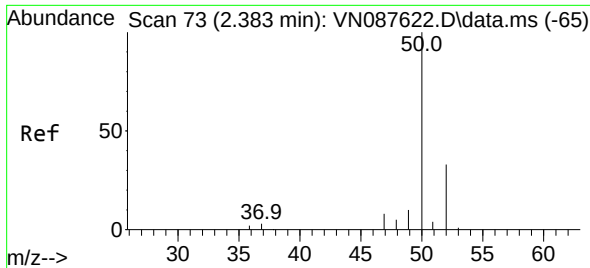
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#2
Dichlorodifluoromethane
Concen: 20.343 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Tgt Ion: 85 Resp: 69686
Ion Ratio Lower Upper
85 100
87 27.4 16.6 49.8





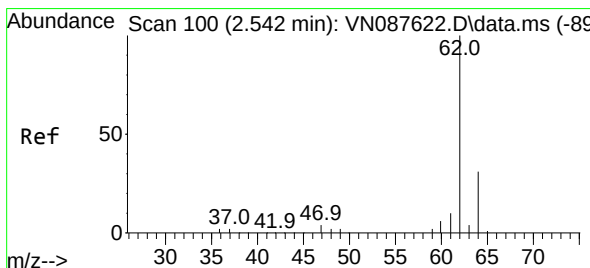
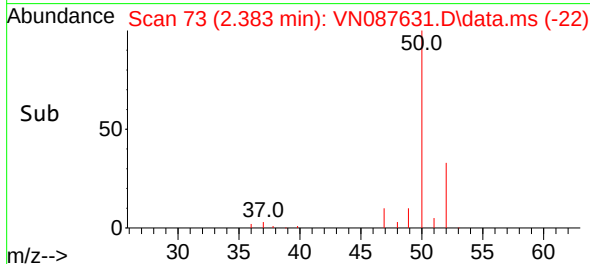
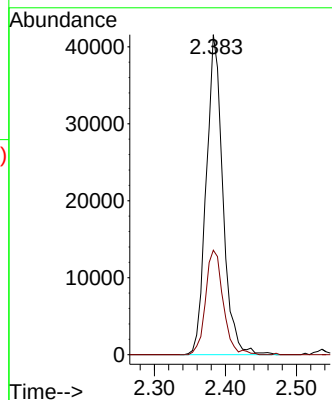
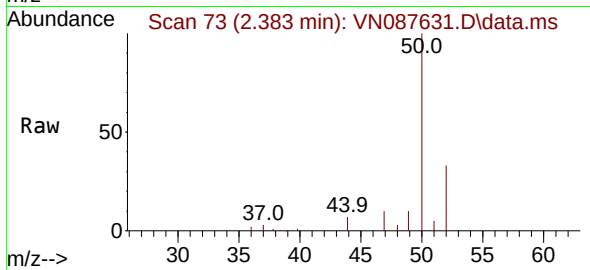
#3
Chloromethane
Concen: 19.212 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01

Tgt Ion: 50 Resp: 6763
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4

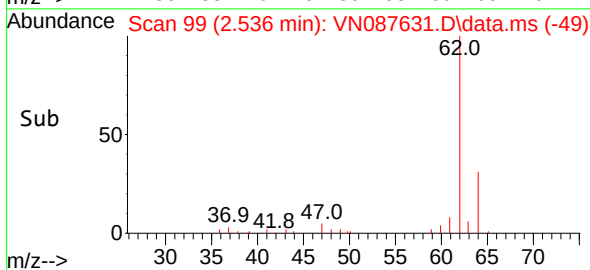
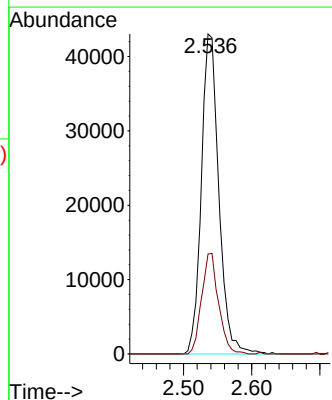
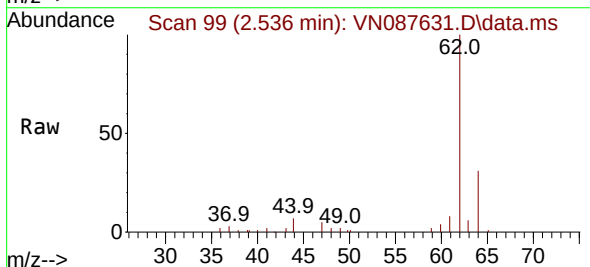
Manual Integrations
APPROVED

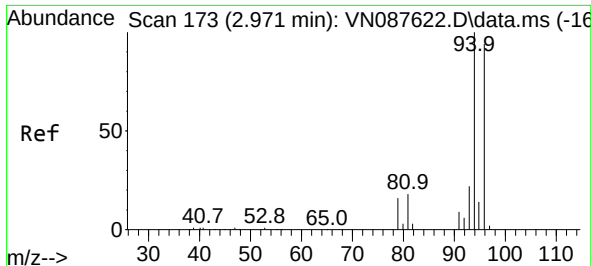
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#4
Vinyl Chloride
Concen: 18.803 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

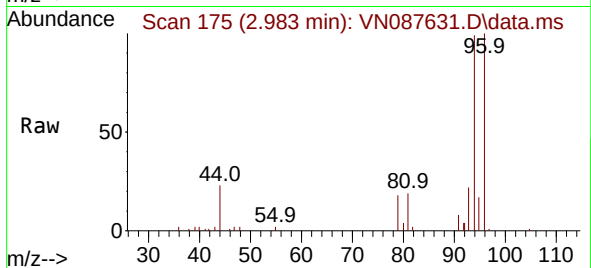
Tgt Ion: 62 Resp: 76748
Ion Ratio Lower Upper
62 100
64 31.3 24.6 37.0





#5
Bromomethane
Concen: 18.724 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

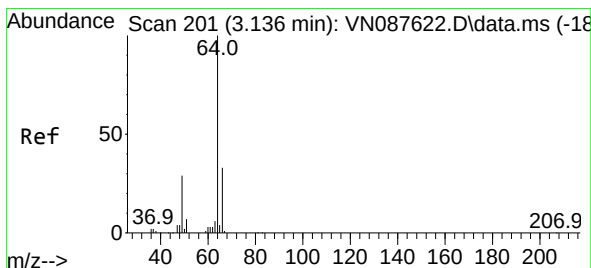
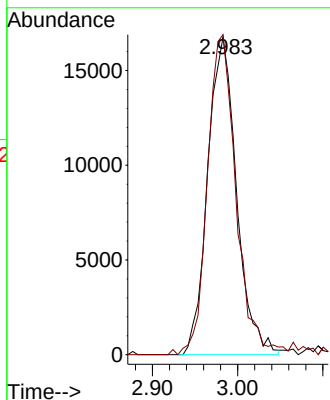
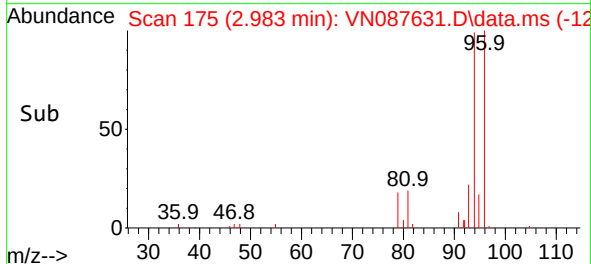
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 94 Resp: 39430
Ion Ratio Lower Upper
94 100
96 100.9 75.4 113.2

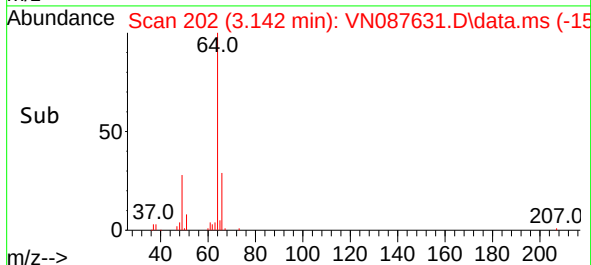
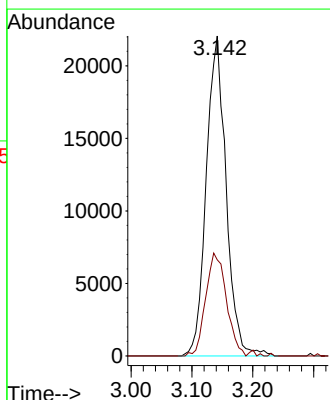
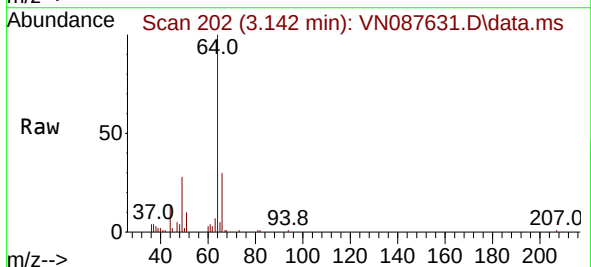
Manual Integrations
APPROVED

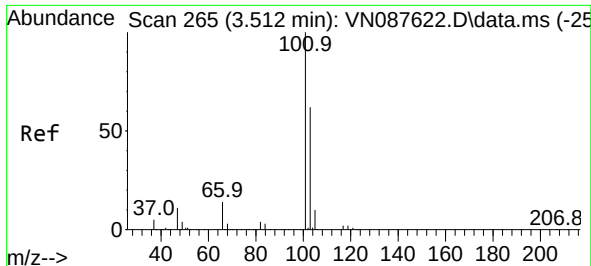
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#6
Chloroethane
Concen: 17.415 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

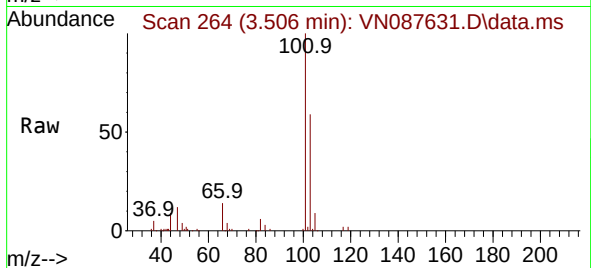
Tgt Ion: 64 Resp: 49962
Ion Ratio Lower Upper
64 100
66 30.0 26.2 39.2





#7
 Trichlorofluoromethane
 Concen: 18.354 ug/l
 RT: 3.506 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16

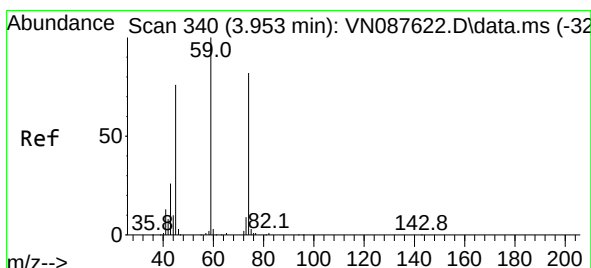
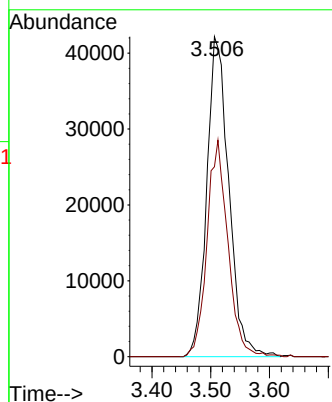
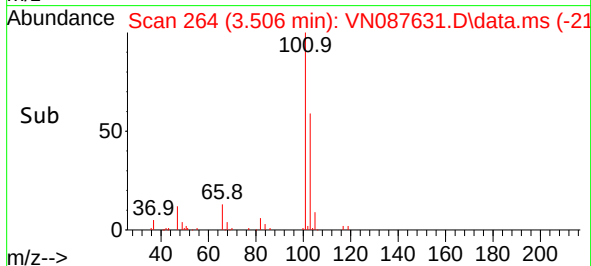
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS01



Tgt Ion:101 Resp: 109762
 Ion Ratio Lower Upper
 101 100
 103 59.3 49.4 74.0

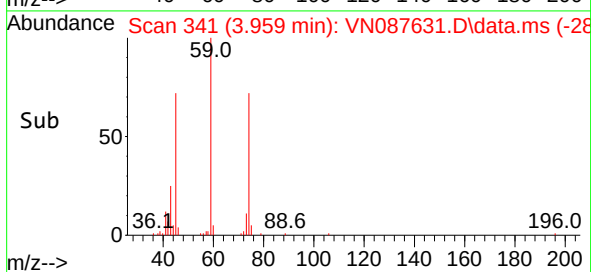
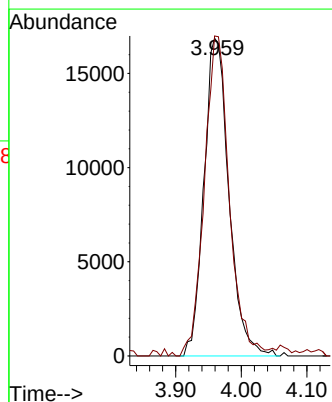
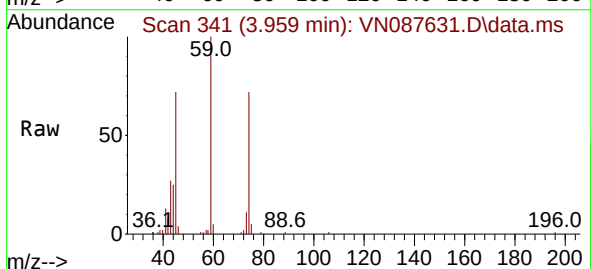
Manual Integrations
 APPROVED

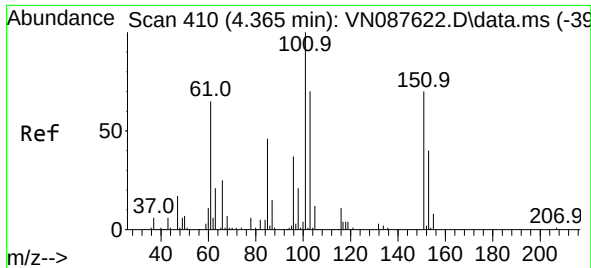
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#8
 Diethyl Ether
 Concen: 17.144 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16

Tgt Ion: 74 Resp: 44652
 Ion Ratio Lower Upper
 74 100
 45 100.7 50.6 151.9





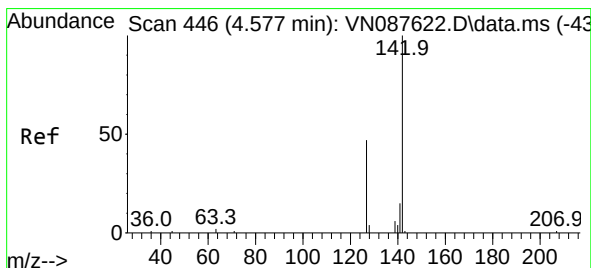
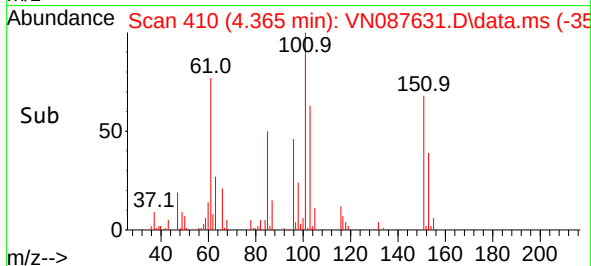
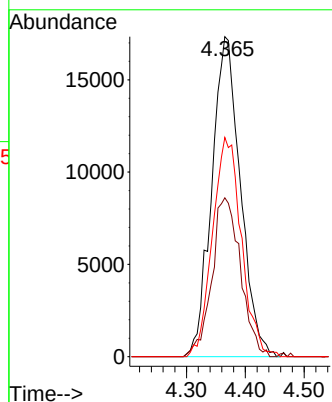
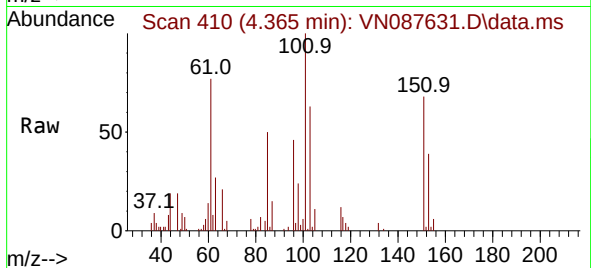
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.331 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01

Tgt Ion:101 Resp: 5864
Ion Ratio Lower Upper
101 100
85 49.6 36.6 55.0
151 69.0 54.7 82.1

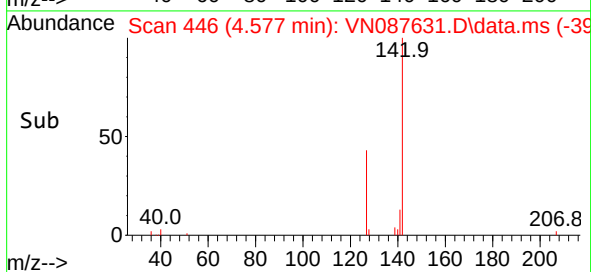
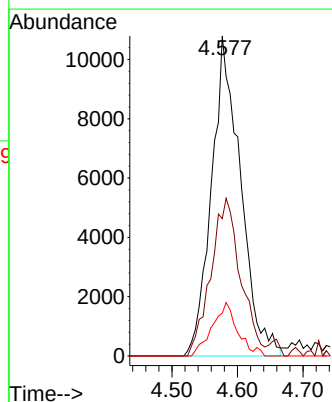
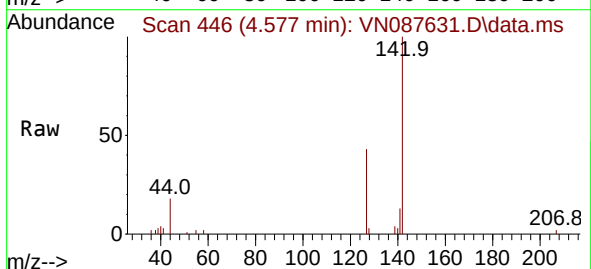
Manual Integrations
APPROVED

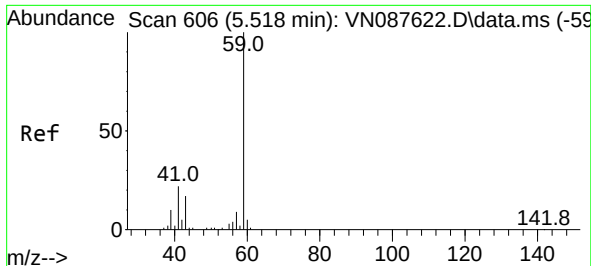
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#10
Methyl Iodide
Concen: 18.139 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

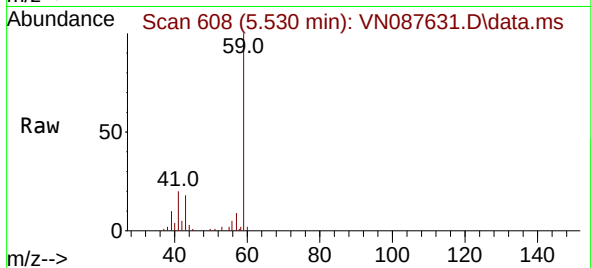
Tgt Ion:142 Resp: 33165
Ion Ratio Lower Upper
142 100
127 42.9 38.0 57.0
141 13.4 12.0 18.0





#11
Tert butyl alcohol
Concen: 93.490 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

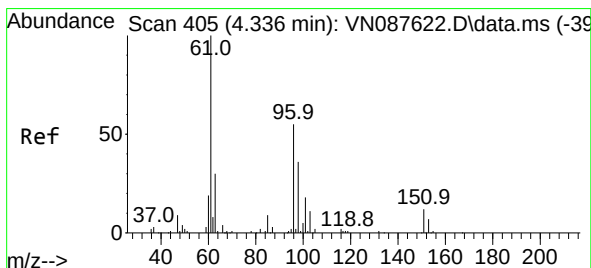
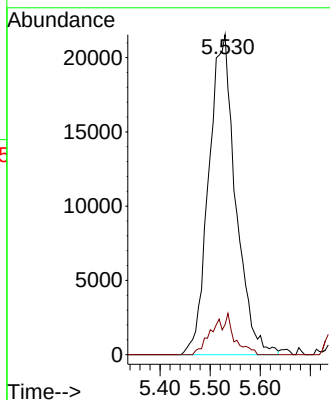
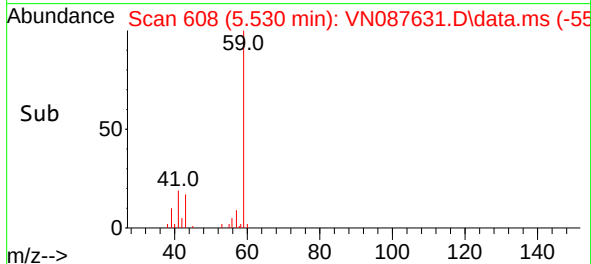
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



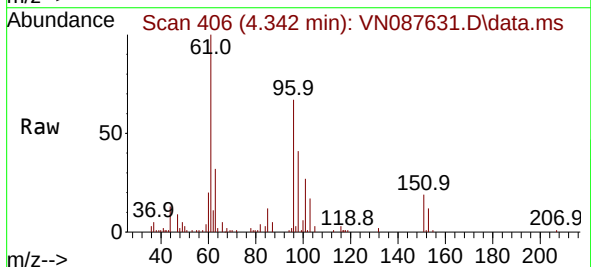
Tgt Ion: 59 Resp: 80200
Ion Ratio Lower Upper
59 100
57 5.6 9.0 13.4

Manual Integrations
APPROVED

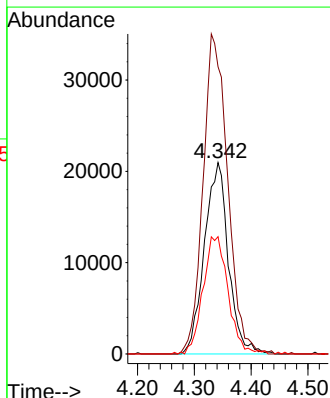
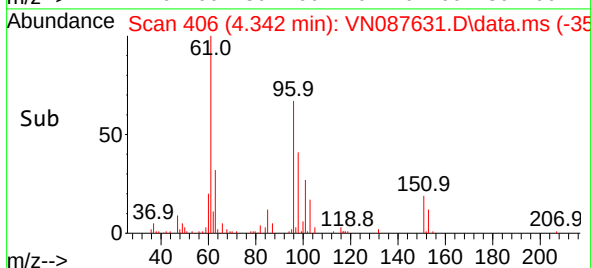
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

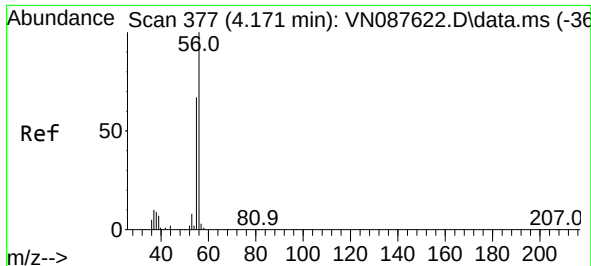


#12
1,1-Dichloroethene
Concen: 17.652 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16



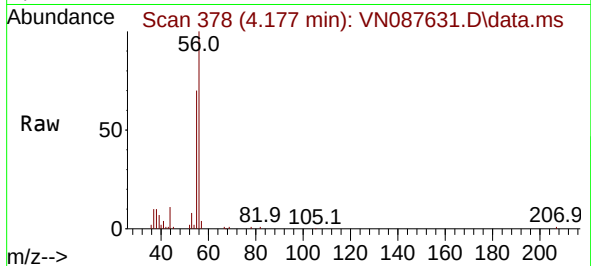
Tgt Ion: 96 Resp: 61382
Ion Ratio Lower Upper
96 100
61 150.0 143.8 215.8
98 61.3 52.1 78.1





#13
Acrolein
Concen: 99.029 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

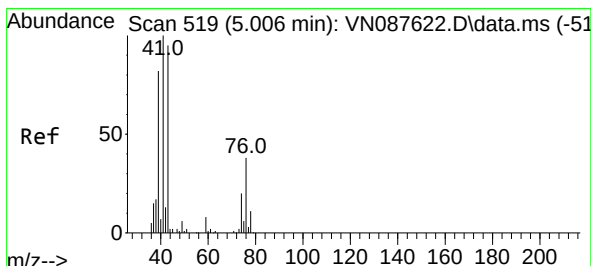
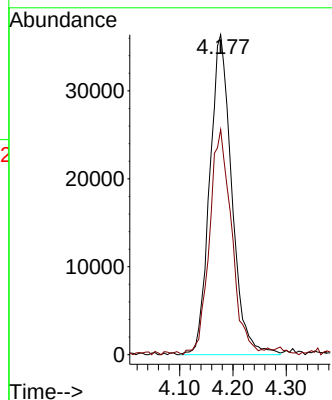
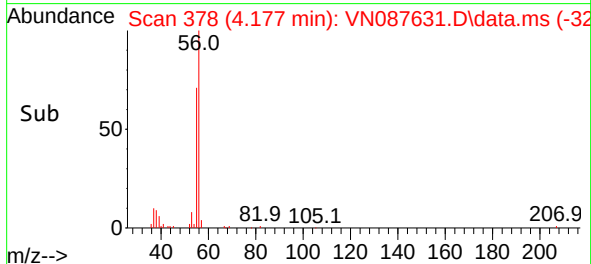
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 56 Resp: 10444
Ion Ratio Lower Upper
56 100
55 70.9 57.3 85.9

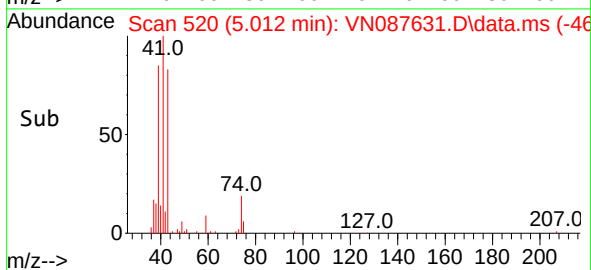
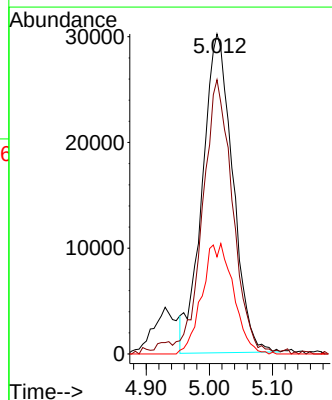
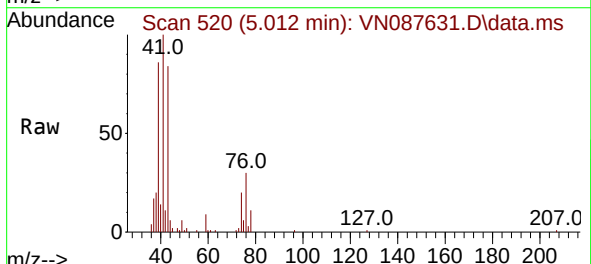
Manual Integrations
APPROVED

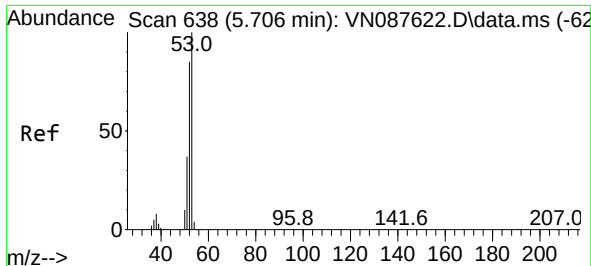
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#14
Allyl chloride
Concen: 15.983 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

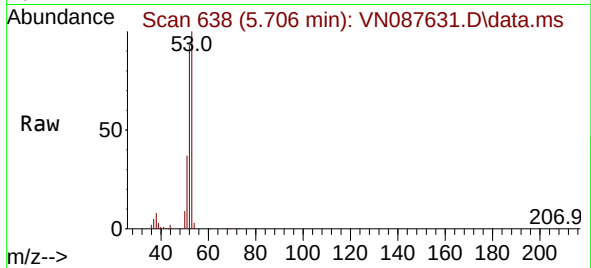
Tgt Ion: 41 Resp: 100717
Ion Ratio Lower Upper
41 100
39 82.1 63.9 95.9
76 36.0 28.1 42.1





#15
Acrylonitrile
Concen: 83.265 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

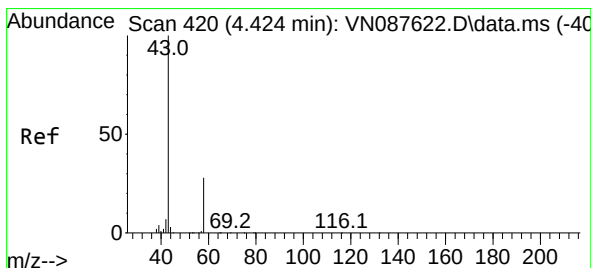
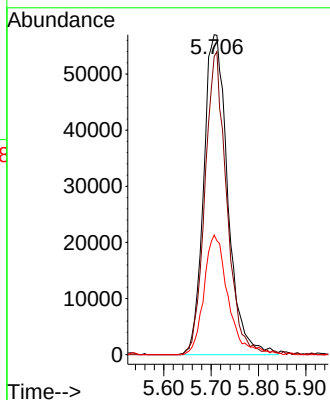
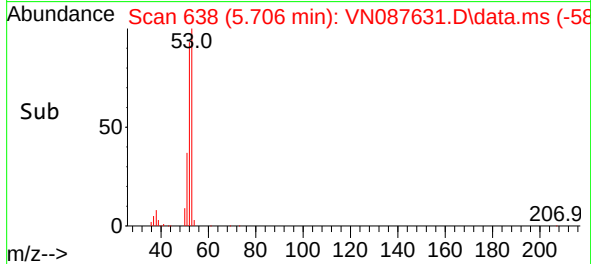
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 53 Resp: 201460
Ion Ratio Lower Upper
53 100
52 85.4 67.6 101.4
51 37.7 30.1 45.1

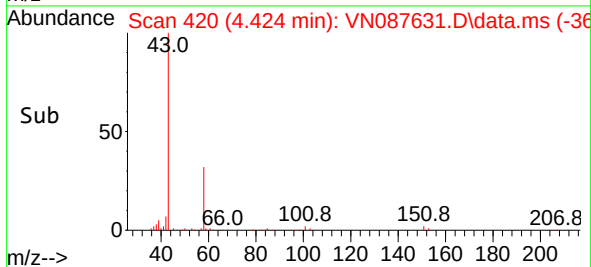
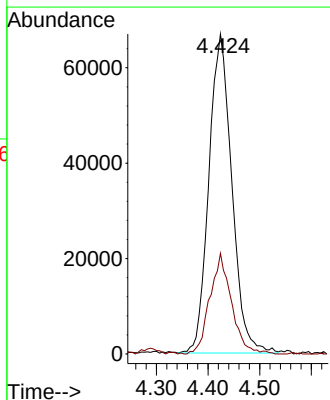
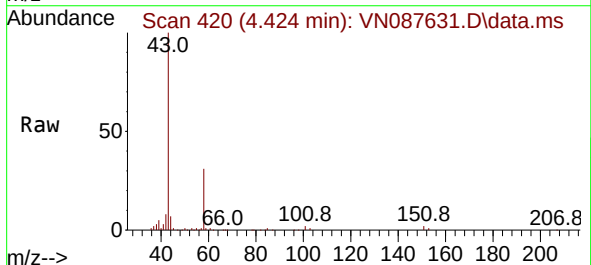
Manual Integrations
APPROVED

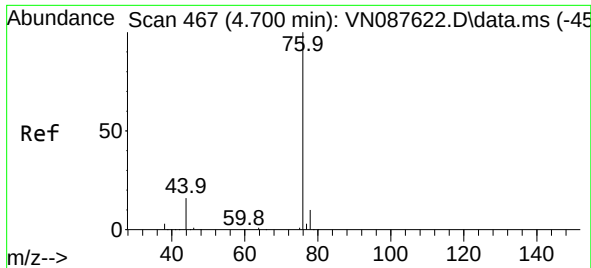
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#16
Acetone
Concen: 76.823 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

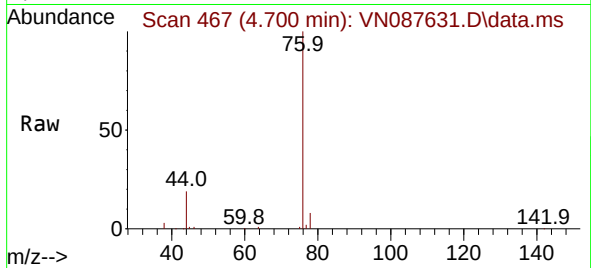
Tgt Ion: 43 Resp: 206663
Ion Ratio Lower Upper
43 100
58 31.6 22.6 33.8





#17
Carbon Disulfide
Concen: 17.649 ug/l
RT: 4.700 min Scan# 467
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

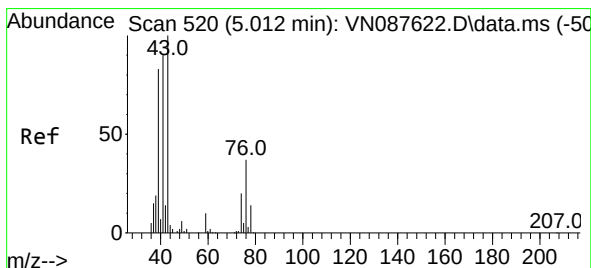
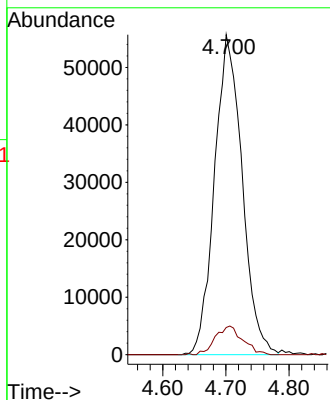
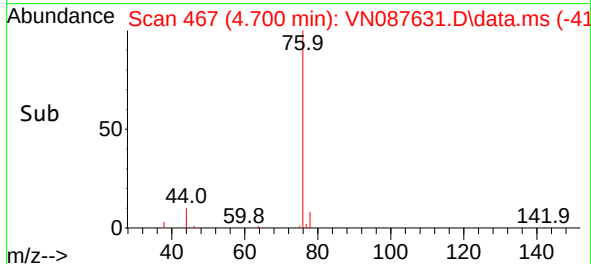
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 76 Resp: 168950
Ion Ratio Lower Upper
76 100
78 8.5 7.6 11.4

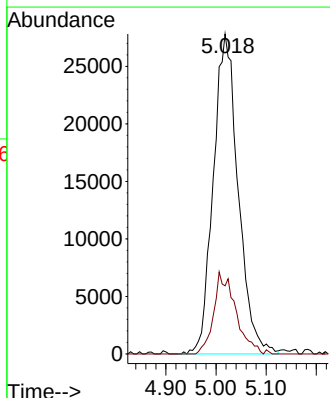
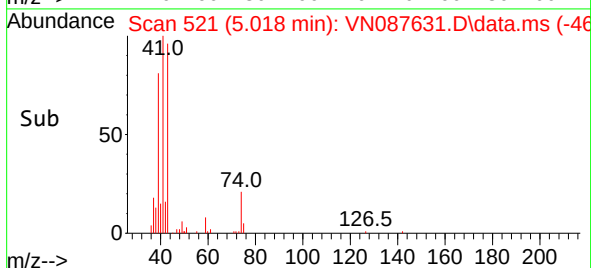
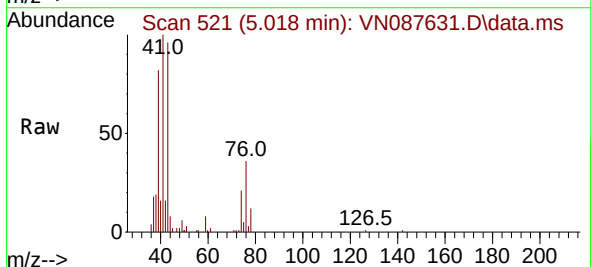
Manual Integrations
APPROVED

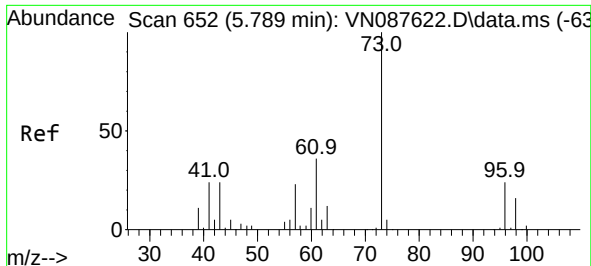
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#18
Methyl Acetate
Concen: 17.009 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Tgt Ion: 43 Resp: 95802
Ion Ratio Lower Upper
43 100
74 22.5 17.6 26.4





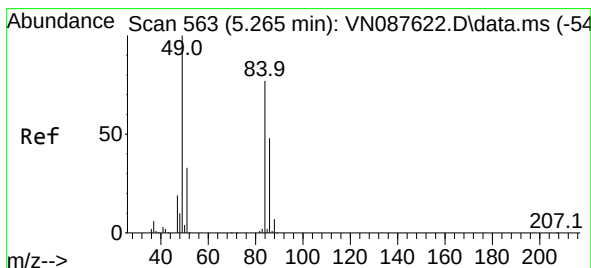
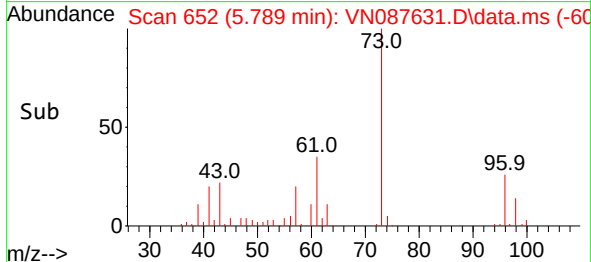
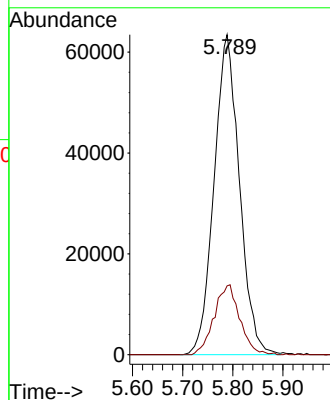
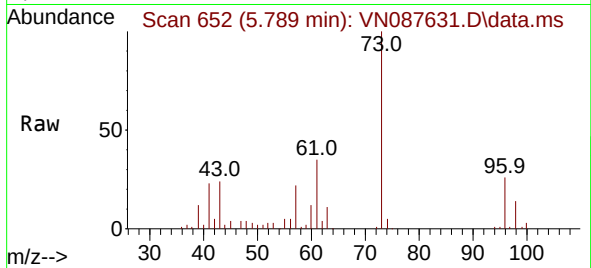
#19
Methyl tert-butyl Ether
Concen: 17.089 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01

Tgt Ion: 73 Resp: 222920
Ion Ratio Lower Upper
73 100
57 21.5 18.4 27.6

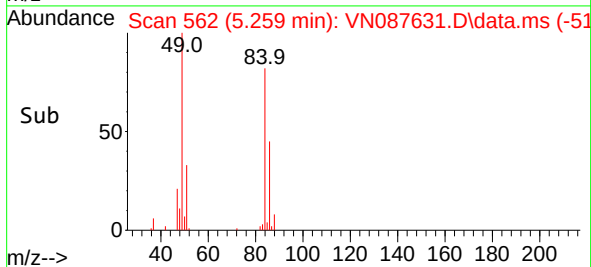
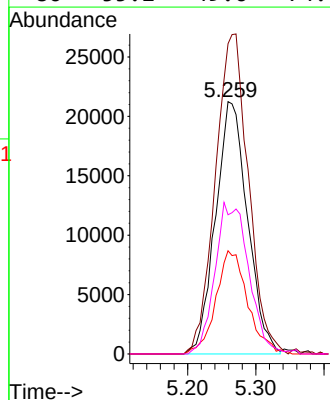
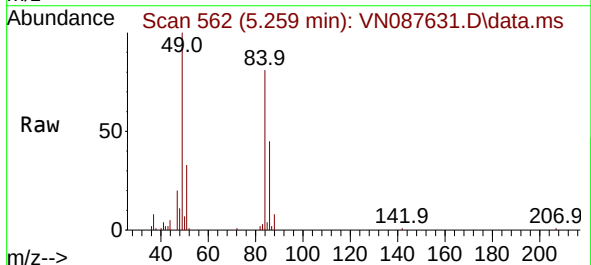
Manual Integrations
APPROVED

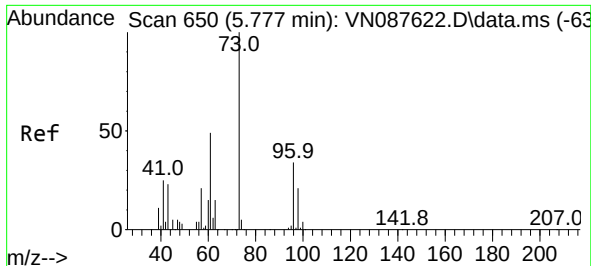
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#20
Methylene Chloride
Concen: 16.995 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

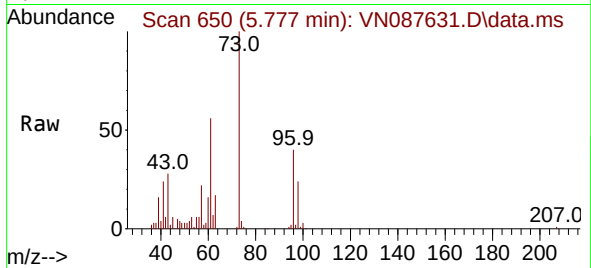
Tgt Ion: 84 Resp: 69318
Ion Ratio Lower Upper
84 100
49 123.0 103.4 155.2
51 40.9 33.8 50.8
86 55.2 49.6 74.4





#21
trans-1,2-Dichloroethene
Concen: 16.881 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

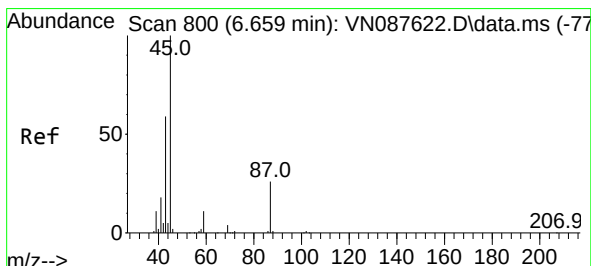
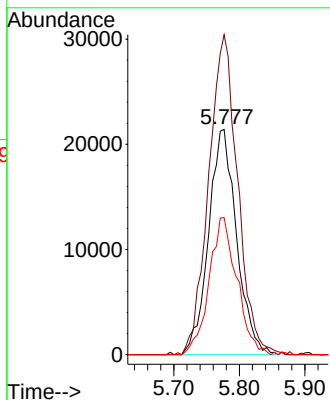
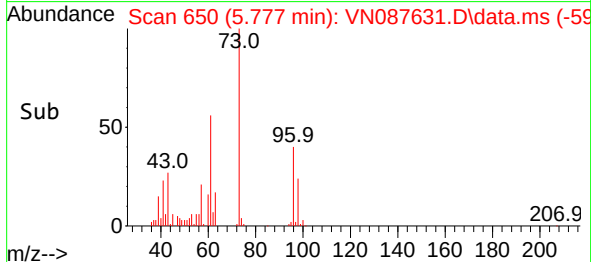
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 96 Resp: 63619
Ion Ratio Lower Upper
96 100
61 141.2 118.0 177.0
98 60.9 50.0 75.0

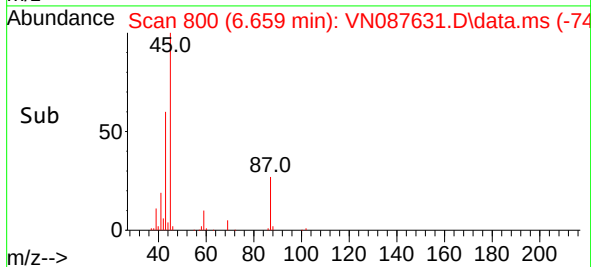
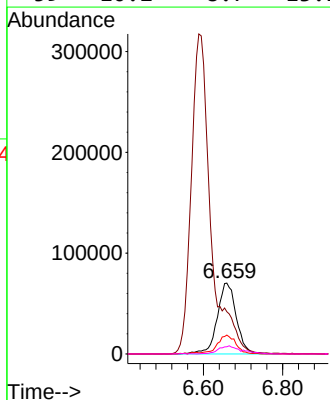
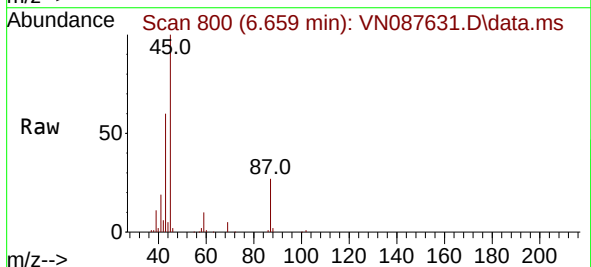
Manual Integrations
APPROVED

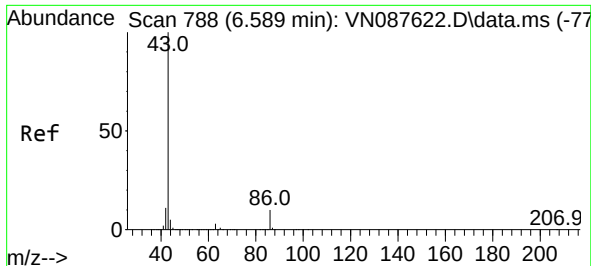
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#22
Diisopropyl ether
Concen: 17.248 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

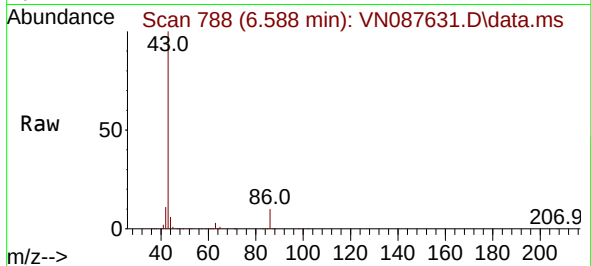
Tgt Ion: 45 Resp: 234550
Ion Ratio Lower Upper
45 100
43 58.5 47.7 71.5
87 26.6 21.4 32.0
59 10.2 8.7 13.1





#23
 Vinyl Acetate
 Concen: 87.008 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16

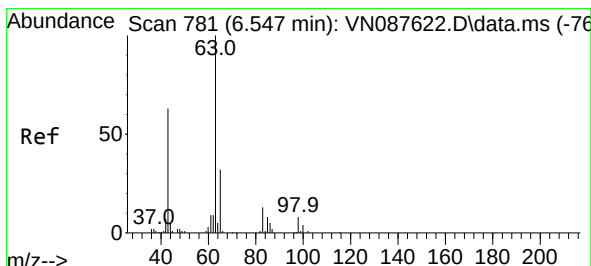
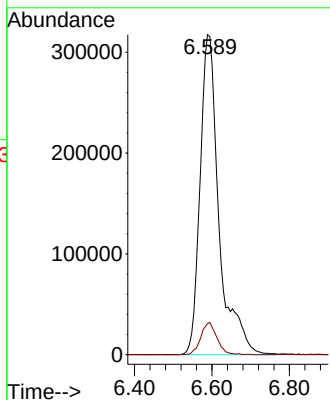
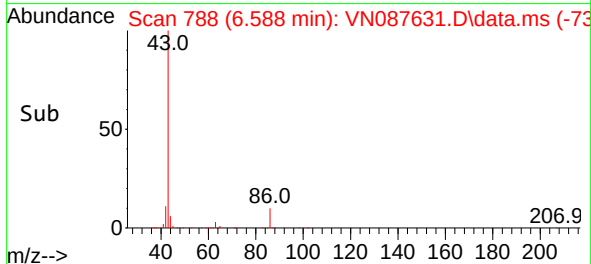
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS01



Tgt Ion: 43 Resp: 107646
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.4

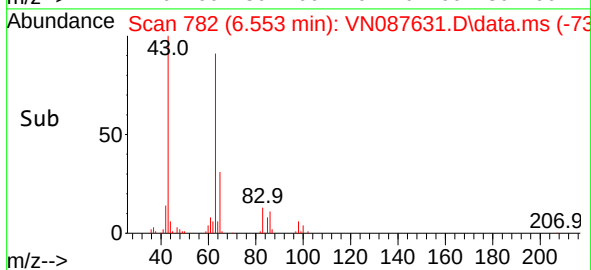
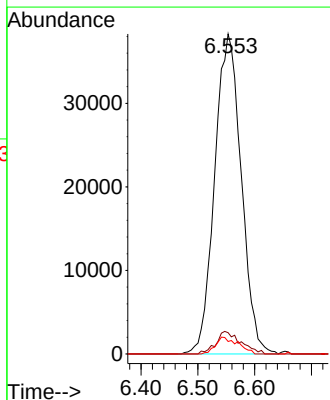
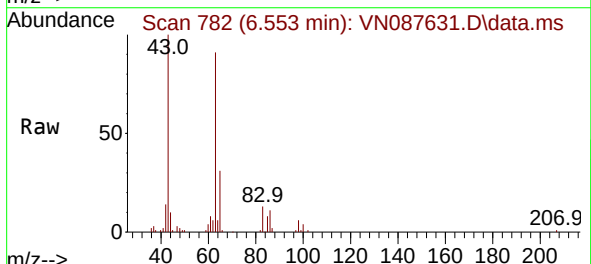
Manual Integrations
 APPROVED

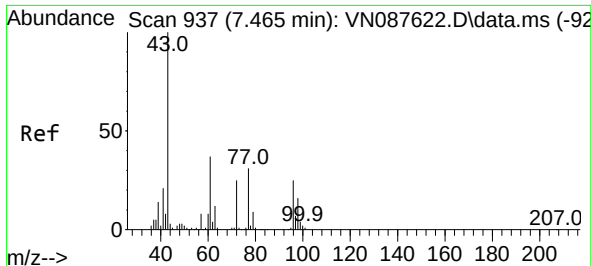
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#24
 1,1-Dichloroethane
 Concen: 16.681 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16

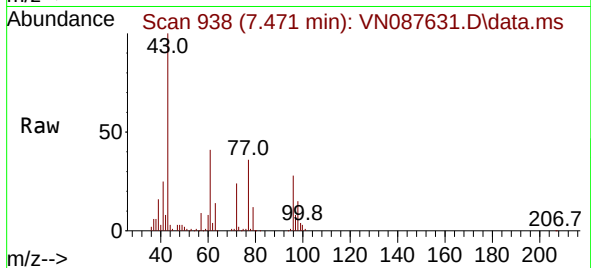
Tgt Ion: 63 Resp: 124374
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.8 11.4
 100 3.9 2.0 6.0





#25
2-Butanone
Concen: 84.672 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

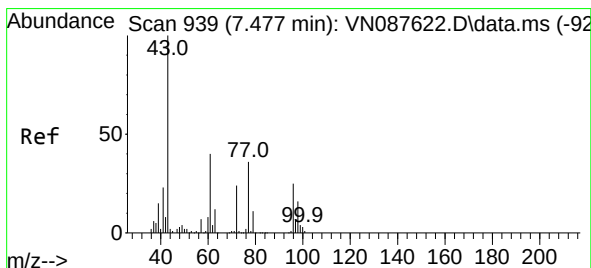
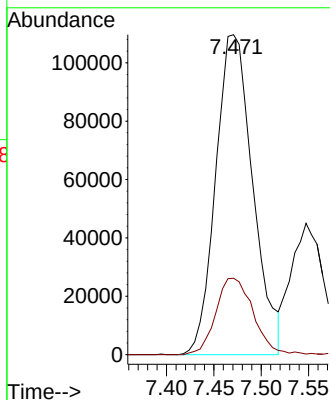
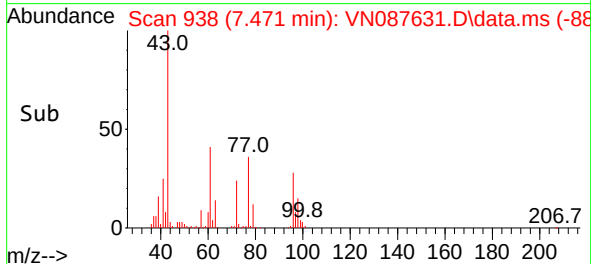
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 43 Resp: 299672
Ion Ratio Lower Upper
43 100
72 23.9 19.9 29.9

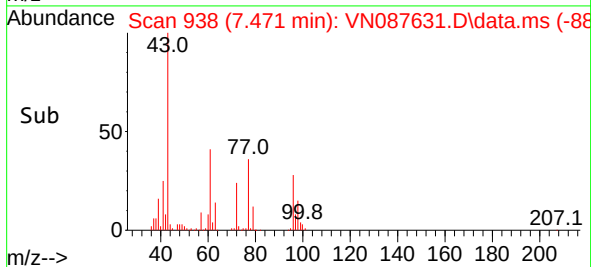
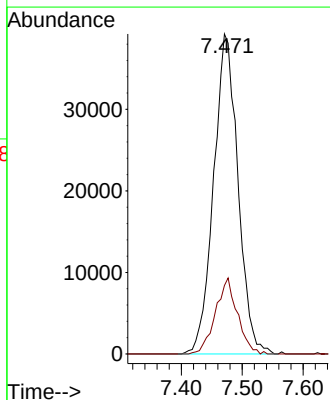
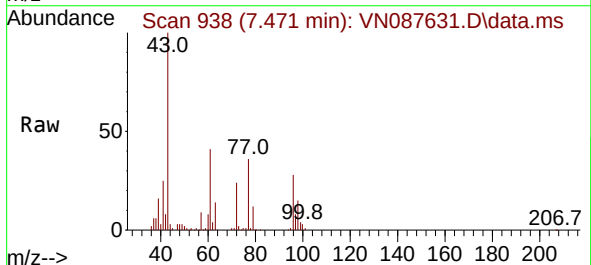
Manual Integrations
APPROVED

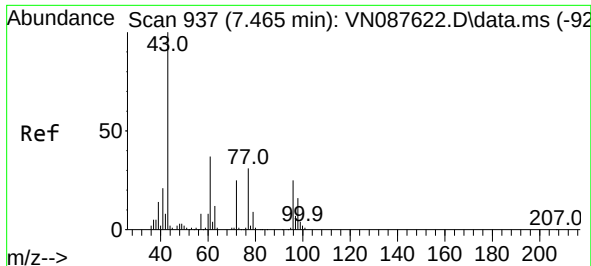
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#26
2,2-Dichloropropane
Concen: 17.036 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Tgt Ion: 77 Resp: 109021
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.7





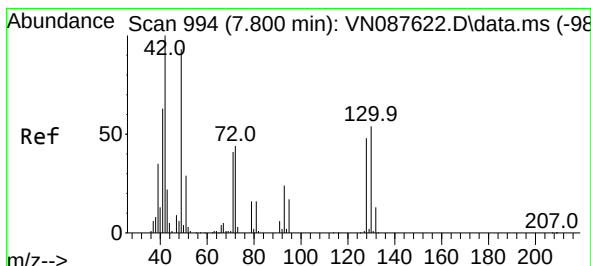
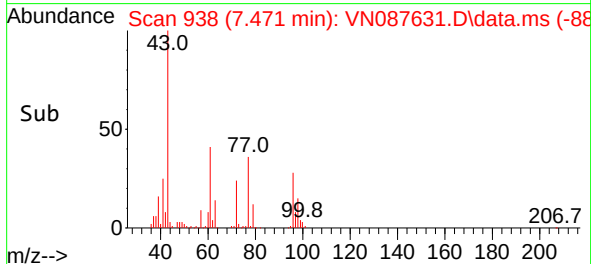
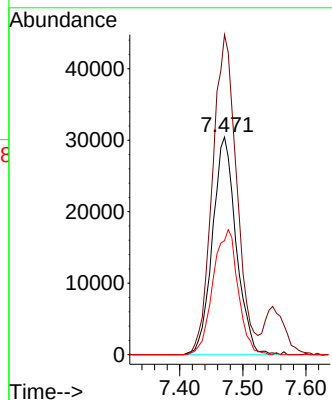
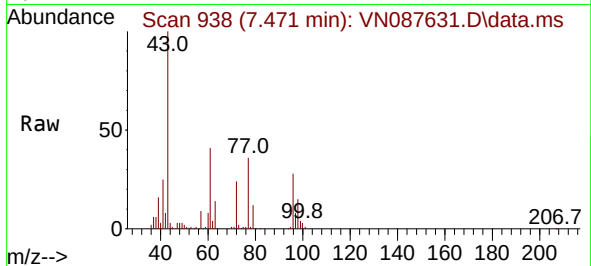
#27
 cis-1,2-Dichloroethene
 Concen: 17.557 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS01

Tgt Ion: 96 Resp: 7910
 Ion Ratio Lower Upper
 96 100
 61 151.3 0.0 301.8
 98 60.7 0.0 126.2

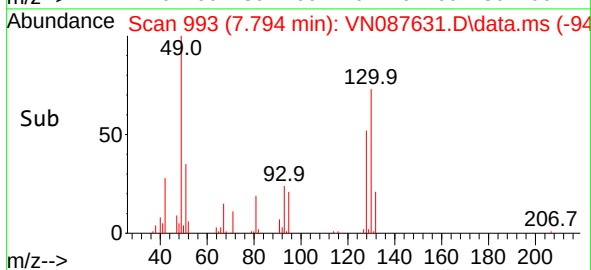
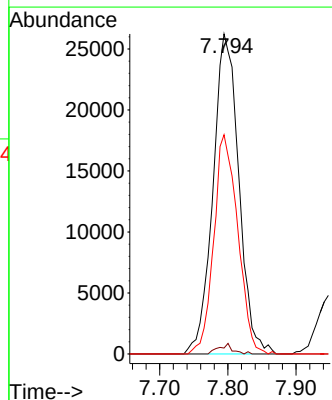
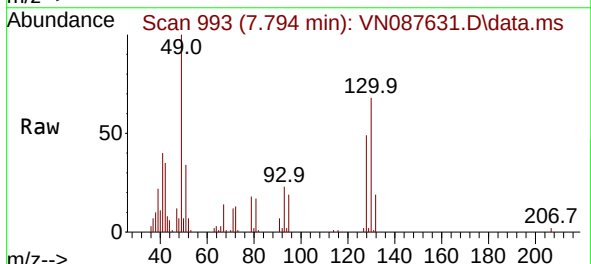
Manual Integrations
 APPROVED

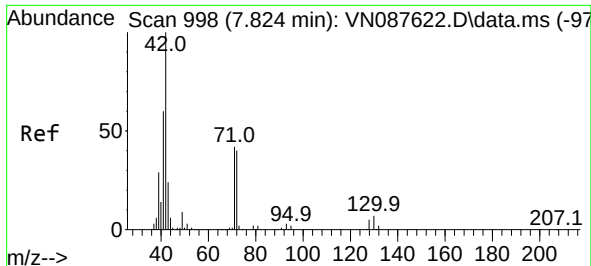
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#28
 Bromochloromethane
 Concen: 19.210 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16

Tgt Ion: 49 Resp: 69245
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 63.6 53.1 79.7





#29

Tetrahydrofuran

Concen: 84.627 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBS01

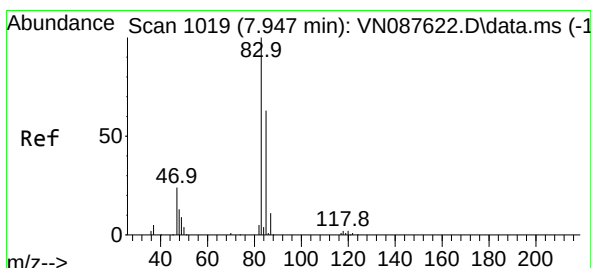
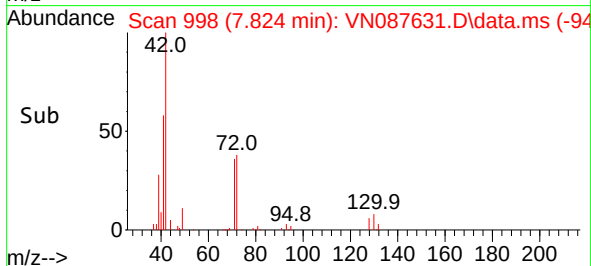
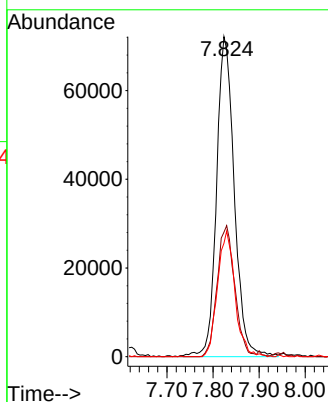
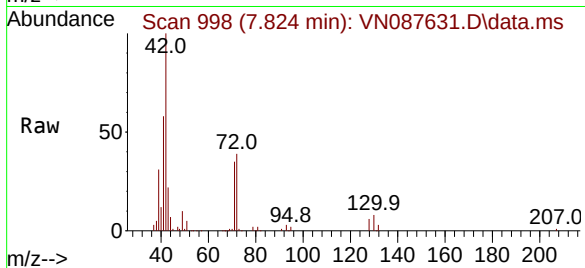
Tgt Ion: 42 Resp: 19275
 Ion Ratio Lower Upper
 42 100
 72 40.6 33.7 50.5
 71 38.5 31.9 47.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#30

Chloroform

Concen: 17.460 ug/l

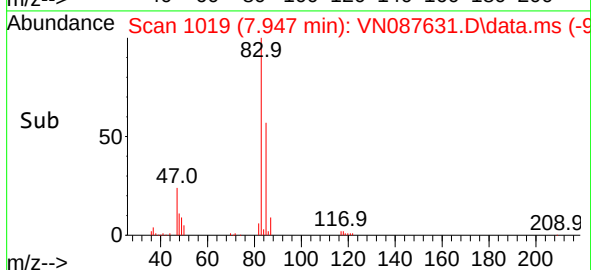
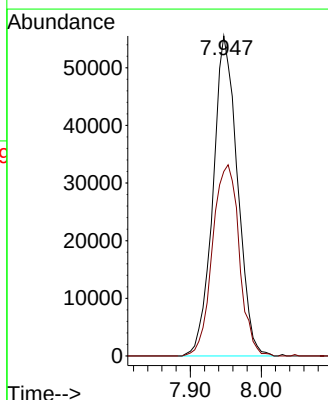
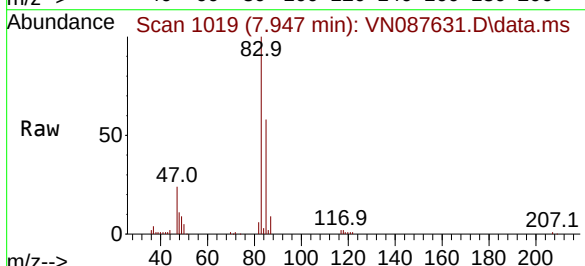
RT: 7.947 min Scan# 1019

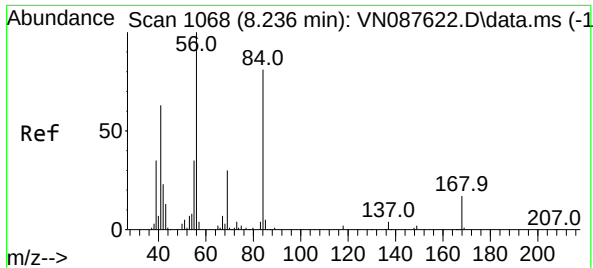
Delta R.T. -0.000 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

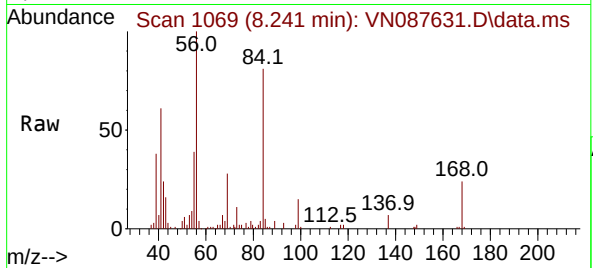
Tgt Ion: 83 Resp: 132880
 Ion Ratio Lower Upper
 83 100
 85 57.7 50.7 76.1





#31
Cyclohexane
Concen: 18.396 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

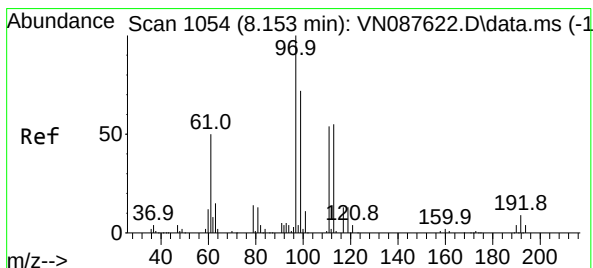
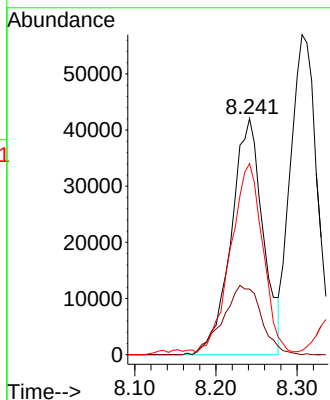
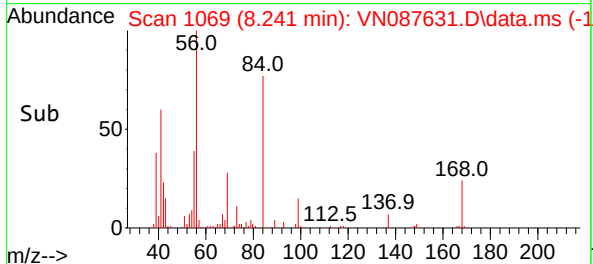
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 56 Resp: 114340
Ion Ratio Lower Upper
56 100
69 27.8 23.7 35.5
84 78.8 64.7 97.1

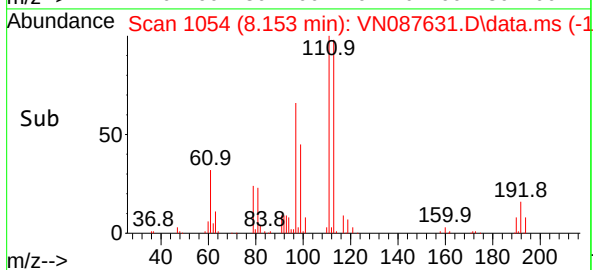
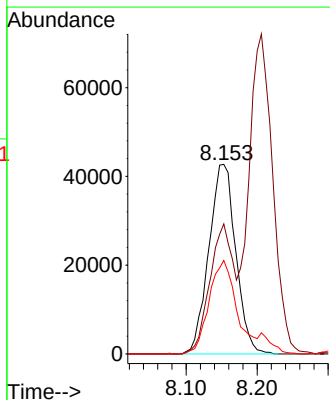
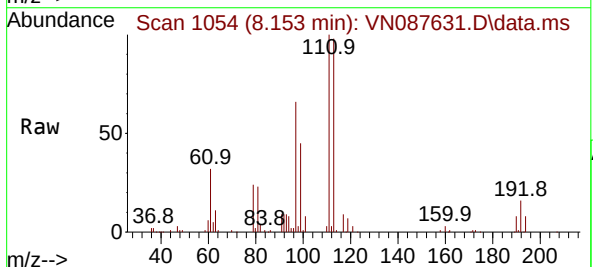
Manual Integrations
APPROVED

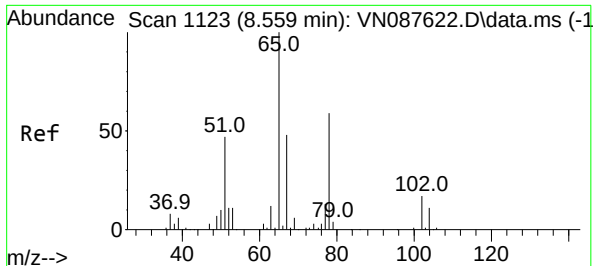
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#32
1,1,1-Trichloroethane
Concen: 17.422 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Tgt Ion: 97 Resp: 112365
Ion Ratio Lower Upper
97 100
99 59.8 52.2 78.2
61 50.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 46.827 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBS01

Tgt Ion: 65 Resp: 23140

Ion Ratio Lower Upper

65 100

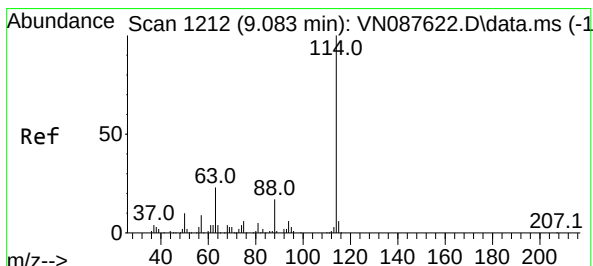
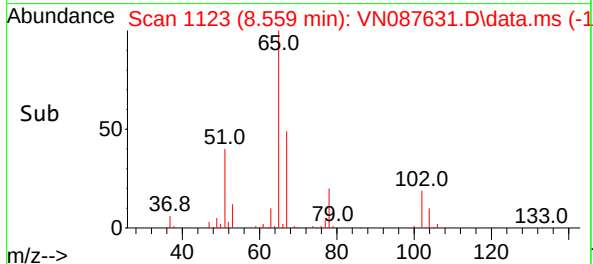
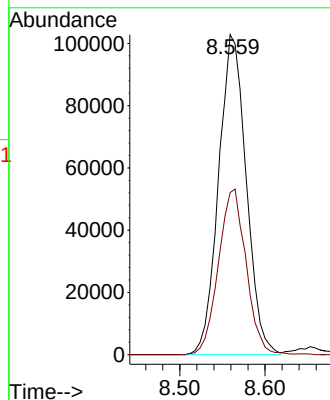
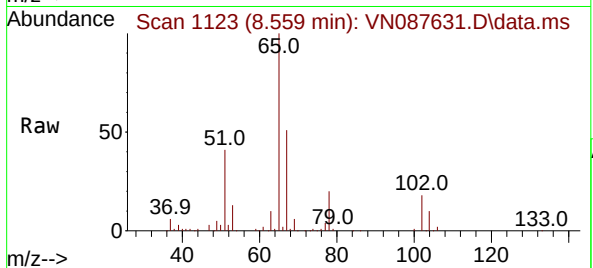
67 51.9 0.0 100.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

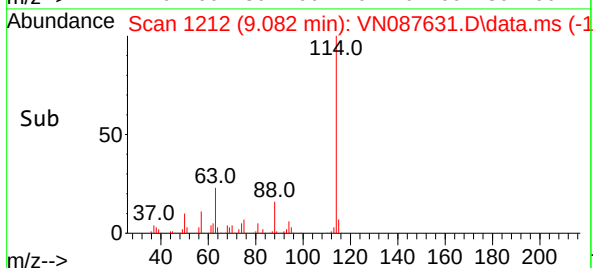
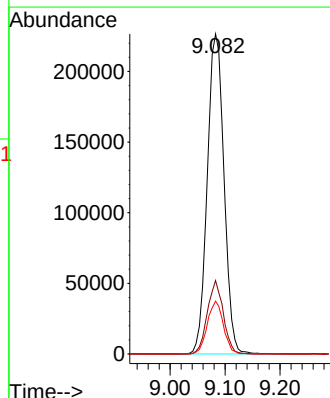
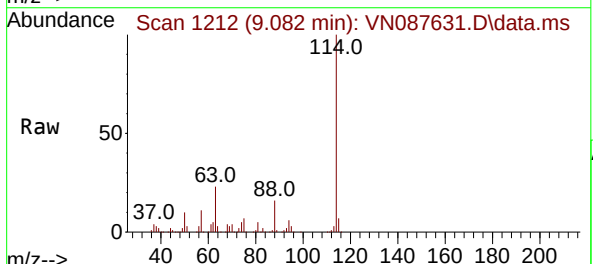
Tgt Ion:114 Resp: 479192

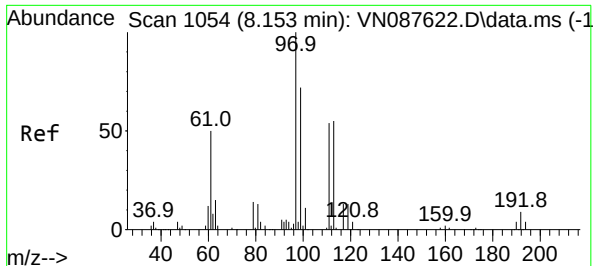
Ion Ratio Lower Upper

114 100

63 23.0 0.0 45.2

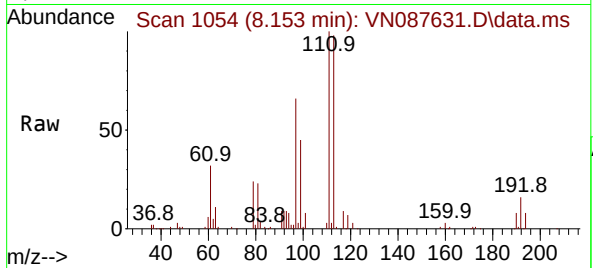
88 16.5 0.0 33.4





#35
Dibromofluoromethane
Concen: 46.308 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

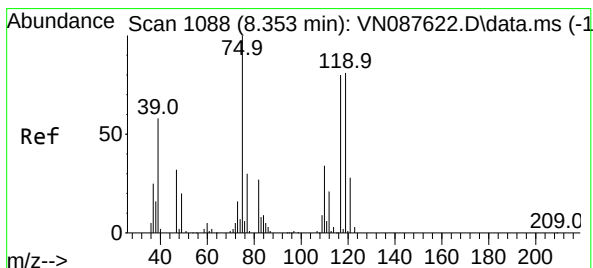
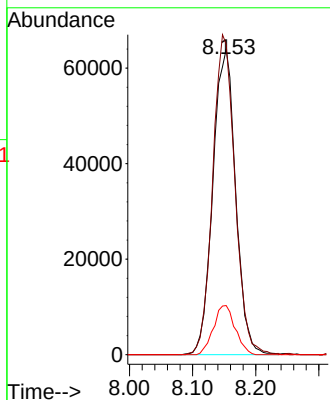
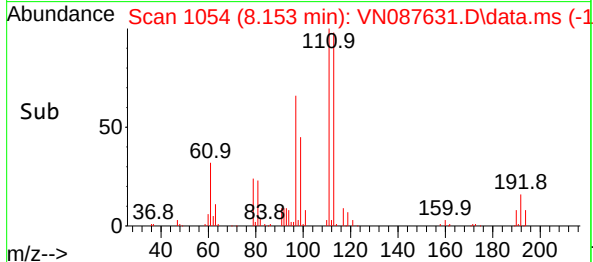
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 113 Resp: 160215
Ion Ratio Lower Upper
113 100
111 102.0 82.8 124.2
192 15.3 12.8 19.2

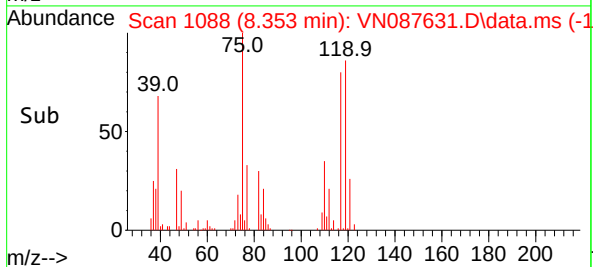
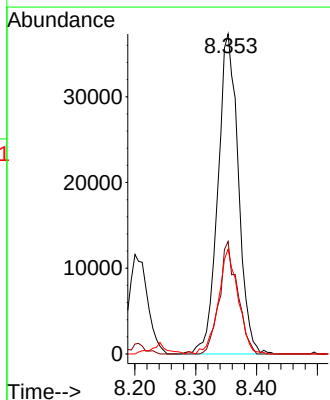
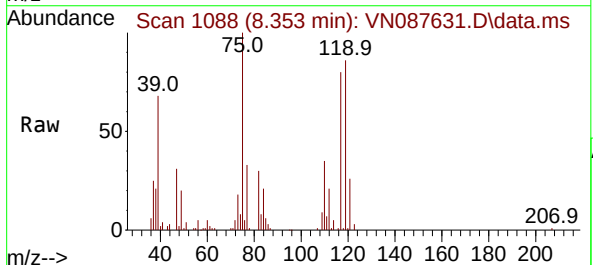
Manual Integrations
APPROVED

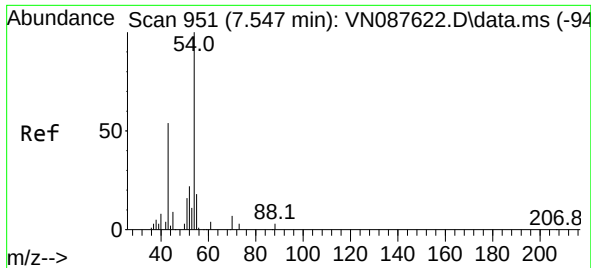
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#36
1,1-Dichloropropene
Concen: 16.399 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

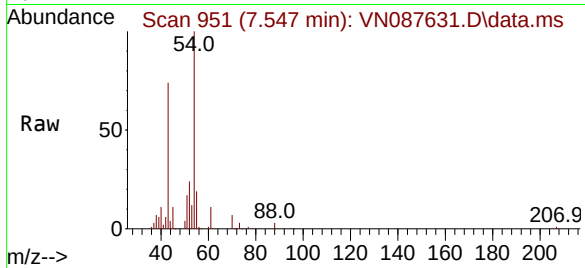
Tgt Ion: 75 Resp: 87041
Ion Ratio Lower Upper
75 100
110 31.4 15.9 47.6
77 31.9 24.4 36.6





#37
Ethyl Acetate
Concen: 15.919 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

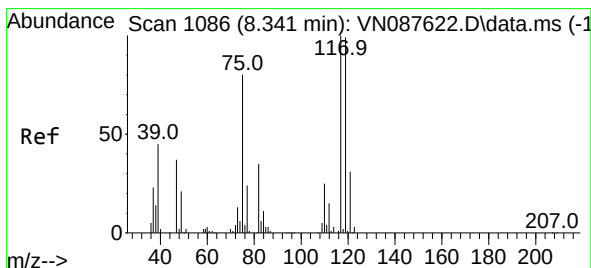
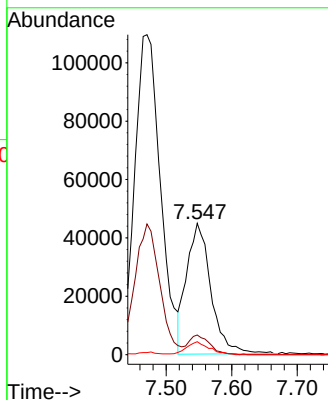
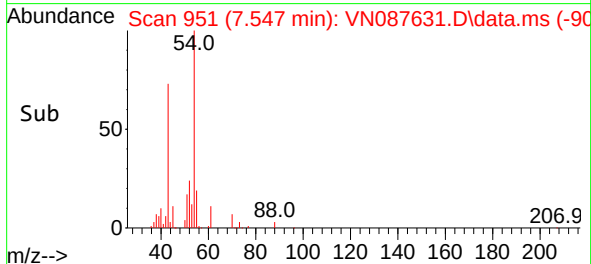
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 43 Resp: 11545
Ion Ratio Lower Upper
43 100
61 13.1 9.3 13.9
70 9.3 7.0 10.6

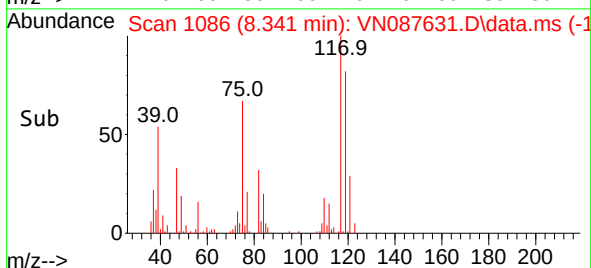
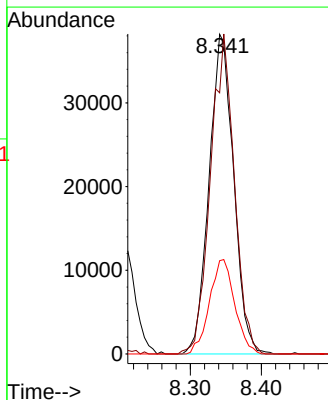
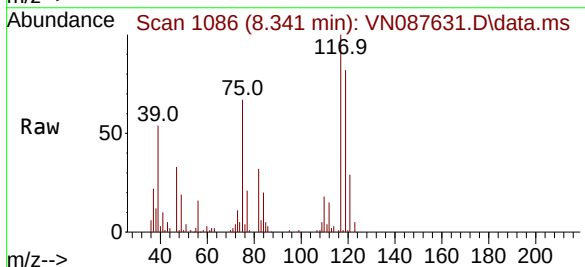
Manual Integrations
APPROVED

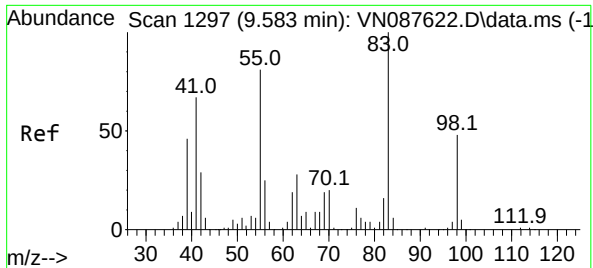
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#38
Carbon Tetrachloride
Concen: 17.440 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Tgt Ion:117 Resp: 91391
Ion Ratio Lower Upper
117 100
119 81.7 79.0 118.6
121 29.2 25.0 37.6





#39

Methylcyclohexane

Concen: 16.365 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBS01

Tgt Ion: 83 Resp: 95630

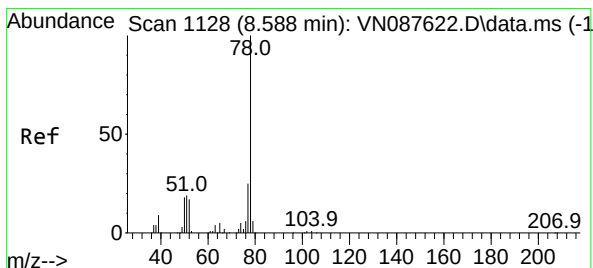
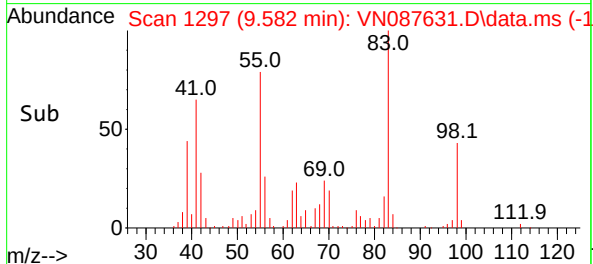
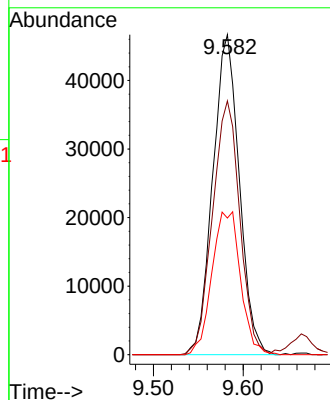
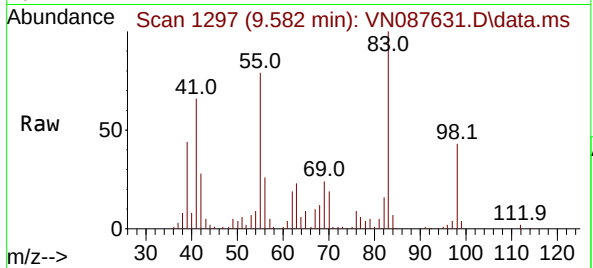
Ion	Ratio	Lower	Upper
83	100		
55	79.3	64.6	96.8
98	42.7	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#40

Benzene

Concen: 16.990 ug/l

RT: 8.588 min Scan# 1128

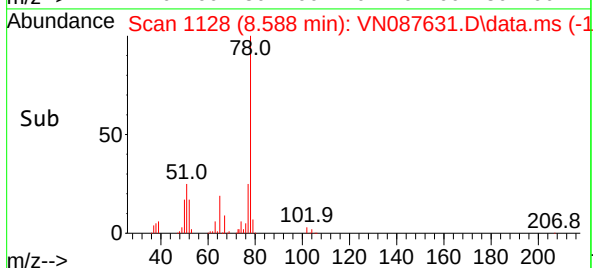
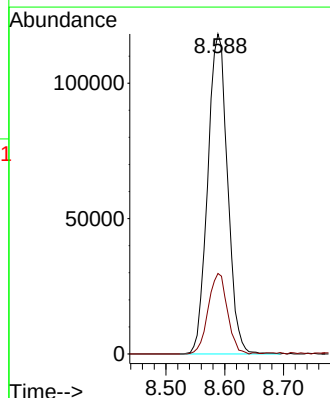
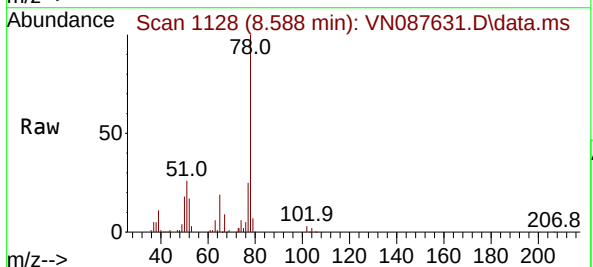
Delta R.T. -0.000 min

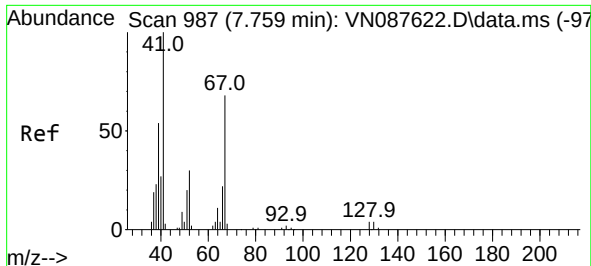
Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

Tgt Ion: 78 Resp: 276595

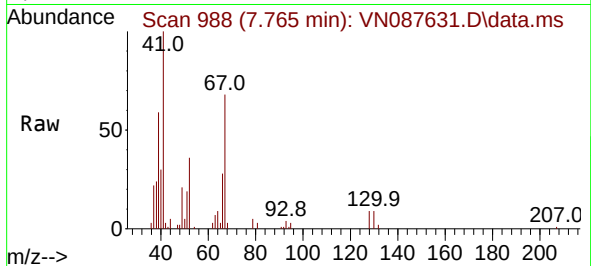
Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.7	29.5





#41
Methacrylonitrile
Concen: 17.479 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

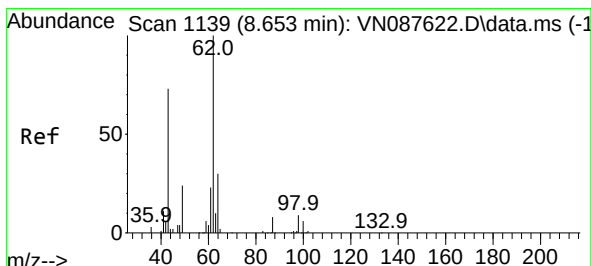
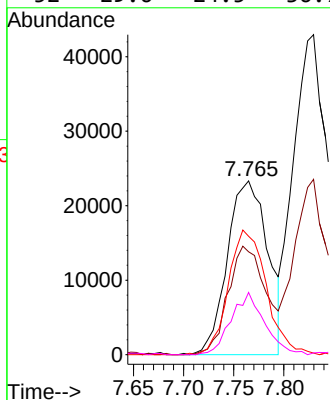
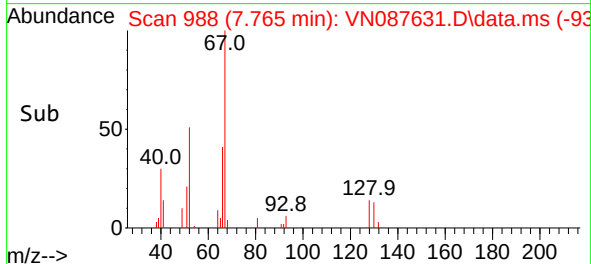
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 41 Resp: 65670
Ion Ratio Lower Upper
41 100
39 58.5 45.4 68.0
67 67.1 55.3 82.9
52 29.6 24.5 36.7

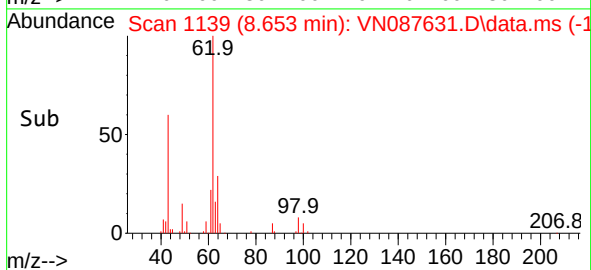
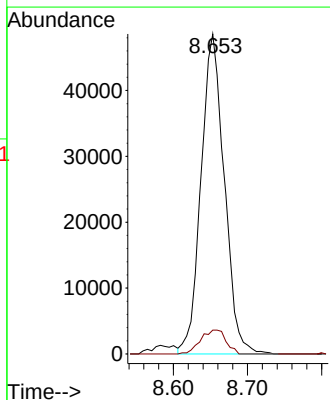
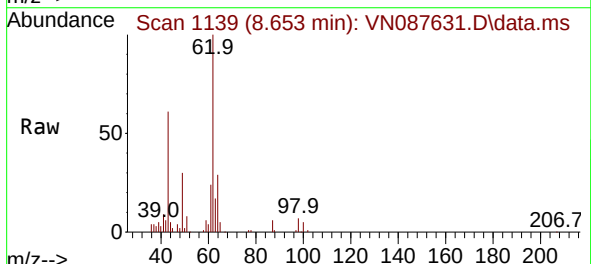
Manual Integrations
APPROVED

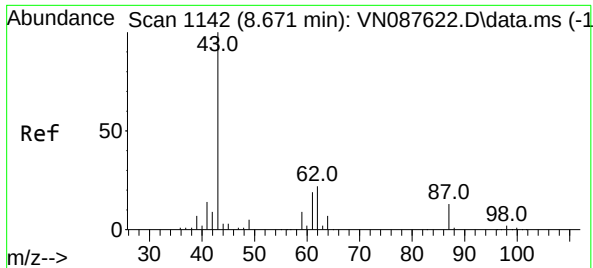
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#42
1,2-Dichloroethane
Concen: 16.948 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

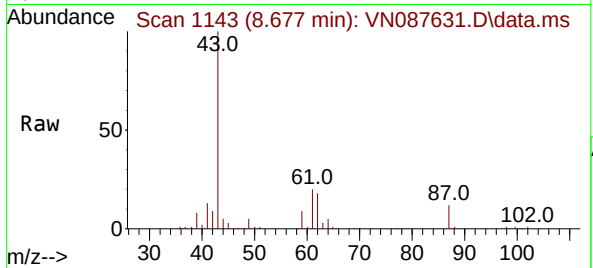
Tgt Ion: 62 Resp: 106027
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.4





#43
Isopropyl Acetate
Concen: 16.881 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

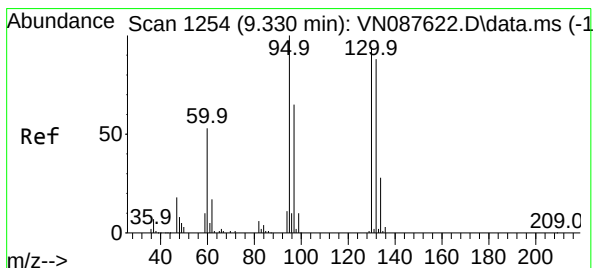
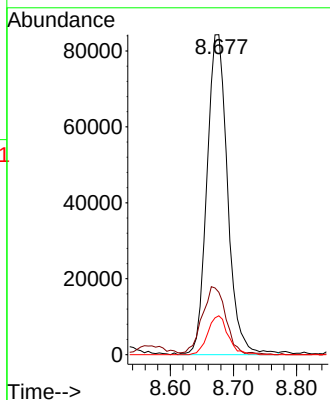
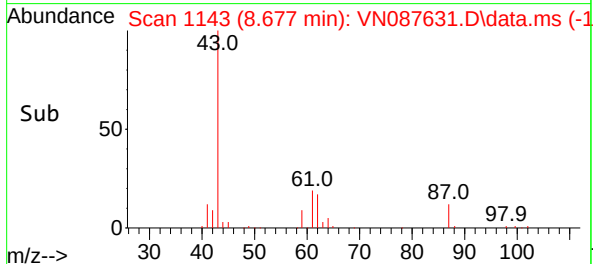
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 43 Resp: 191154
Ion Ratio Lower Upper
43 100
61 23.2 18.8 28.2
87 11.9 9.6 14.4

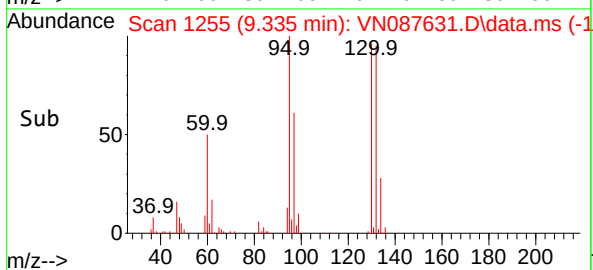
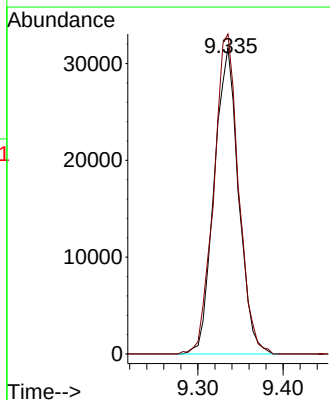
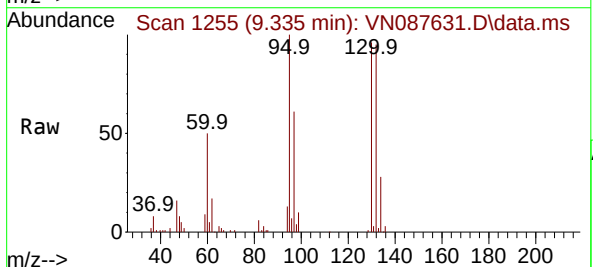
Manual Integrations
APPROVED

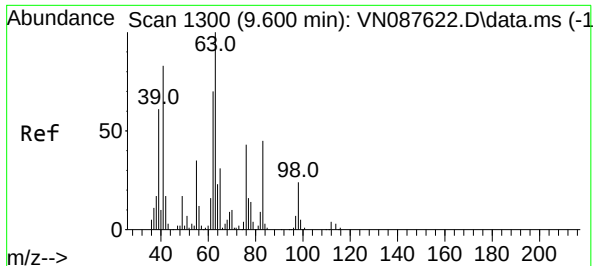
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#44
Trichloroethene
Concen: 16.943 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Tgt Ion:130 Resp: 62974
Ion Ratio Lower Upper
130 100
95 104.5 0.0 212.0





#45

1,2-Dichloropropane

Concen: 16.299 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBS01

Tgt Ion: 63 Resp: 69939

Ion Ratio Lower Upper

63 100

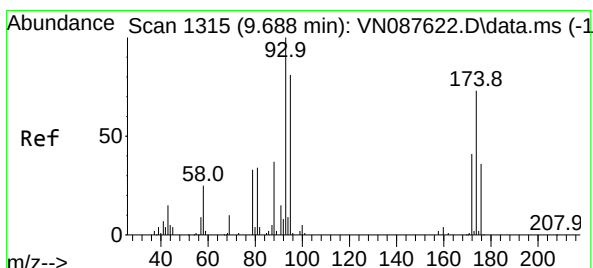
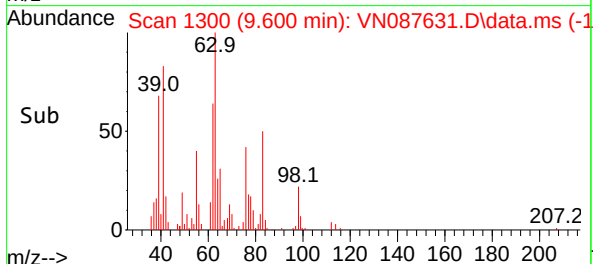
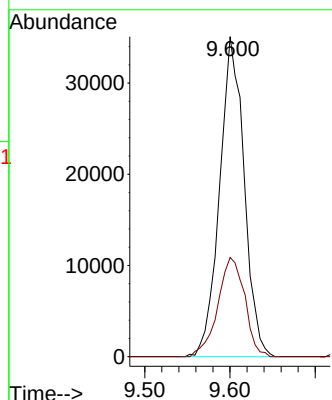
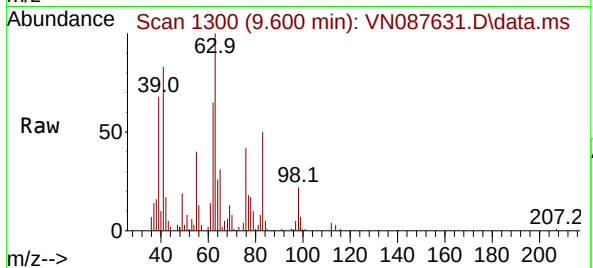
65 31.0 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#46

Dibromomethane

Concen: 16.774 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

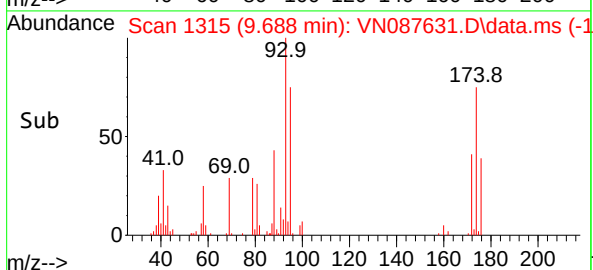
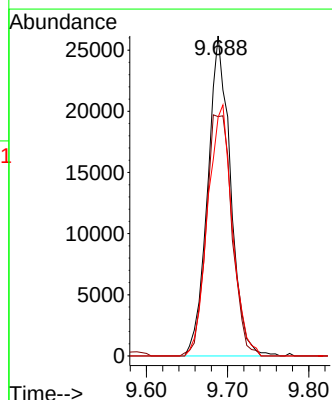
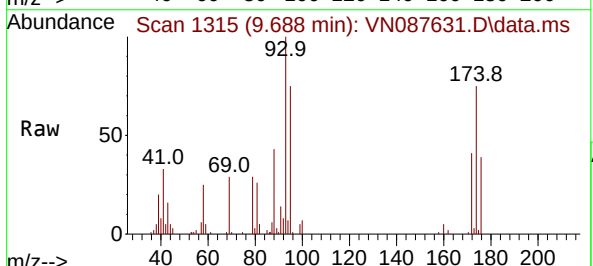
Tgt Ion: 93 Resp: 51222

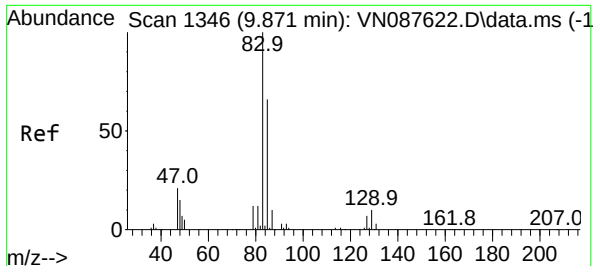
Ion Ratio Lower Upper

93 100

95 84.6 66.2 99.4

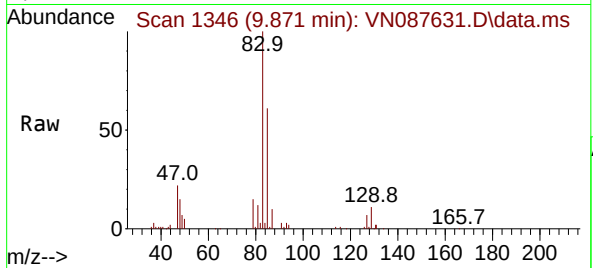
174 83.9 63.4 95.2





#47
Bromodichloromethane
Concen: 16.989 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

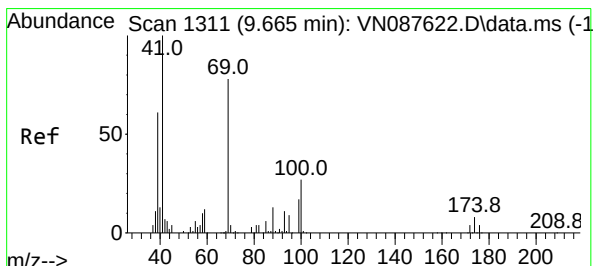
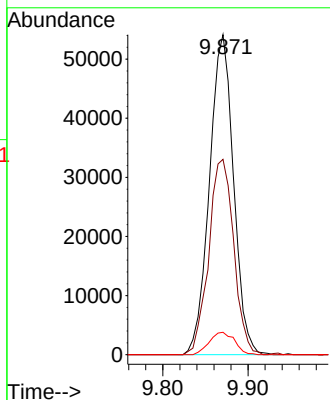
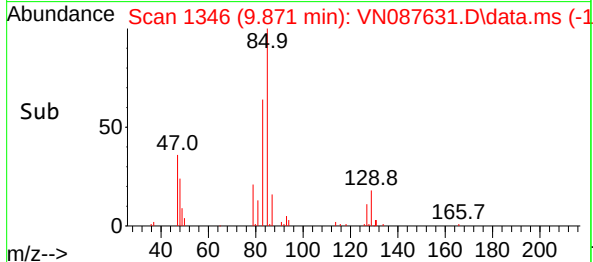
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



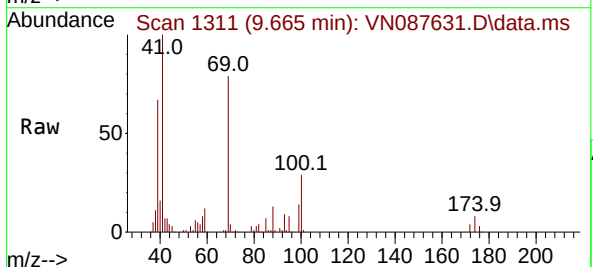
Tgt Ion: 83 Resp: 10632
Ion Ratio Lower Upper
83 100
85 61.1 52.5 78.7
127 7.0 5.8 8.6

Manual Integrations
APPROVED

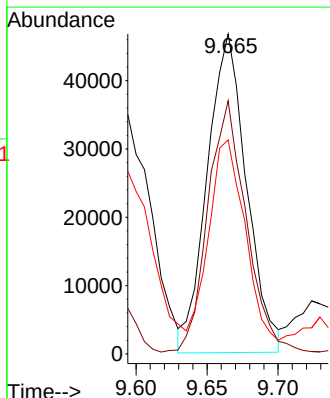
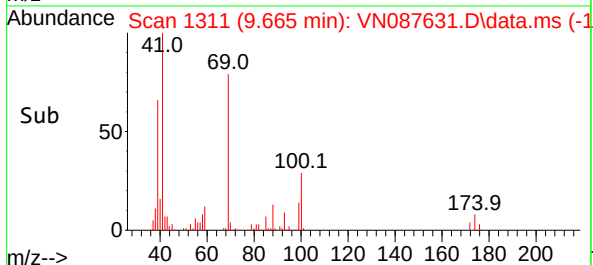
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

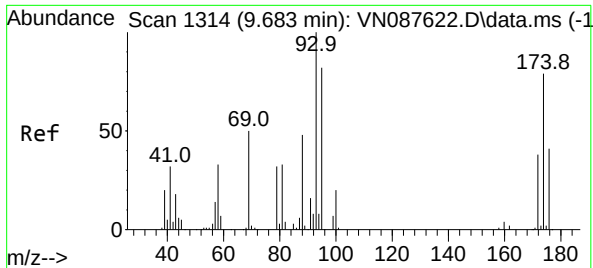


#48
Methyl methacrylate
Concen: 16.755 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16



Tgt Ion: 41 Resp: 89743
Ion Ratio Lower Upper
41 100
69 77.3 62.7 94.1
39 65.0 52.9 79.3





#49

1,4-Dioxane

Concen: 374.229 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBS01

Tgt Ion: 88 Resp: 25980

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

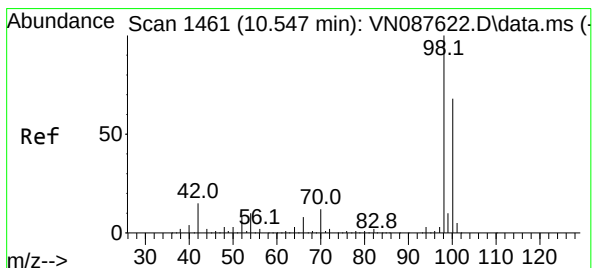
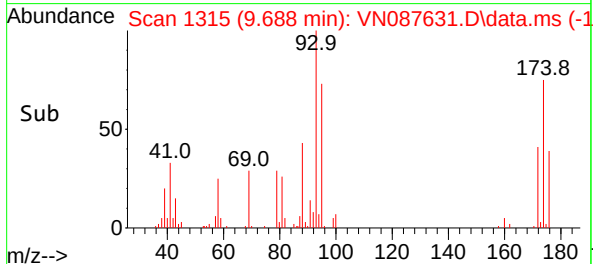
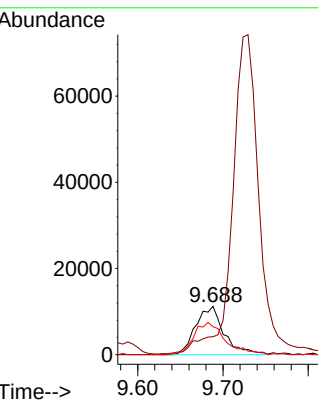
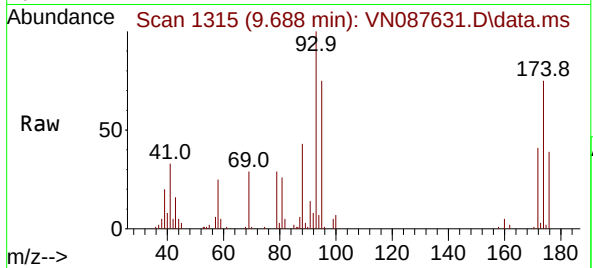
58 74.1 57.9 86.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#50

Toluene-d8

Concen: 46.759 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087631.D

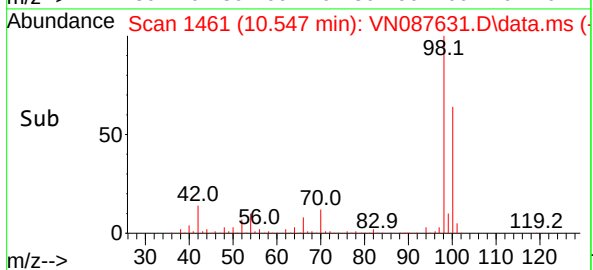
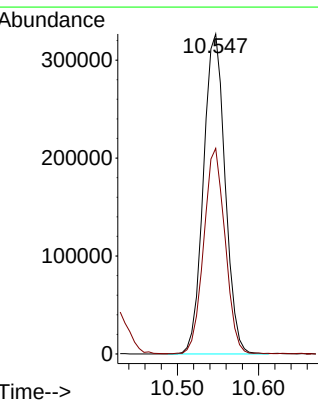
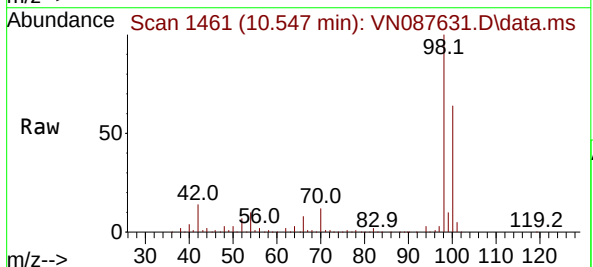
Acq: 22 Aug 2025 11:16

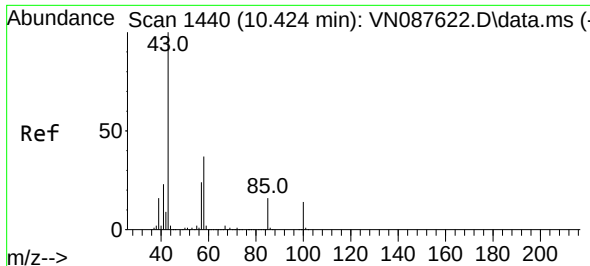
Tgt Ion: 98 Resp: 605493

Ion Ratio Lower Upper

98 100

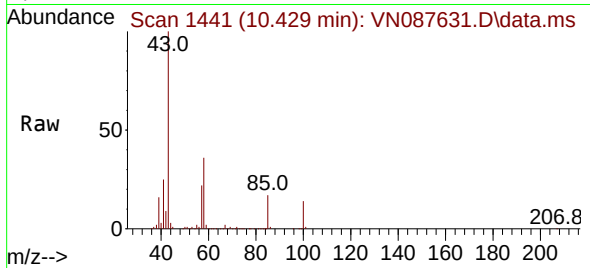
100 63.3 52.8 79.2





#51
4-Methyl-2-Pentanone
Concen: 85.502 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

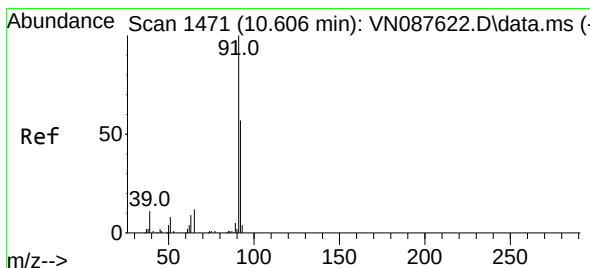
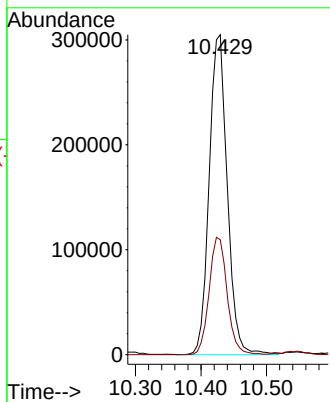
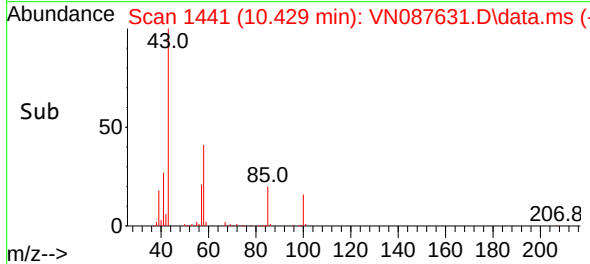
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 43 Resp: 584152
Ion Ratio Lower Upper
43 100
58 36.6 29.6 44.4

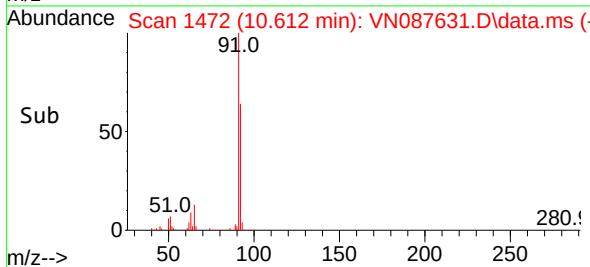
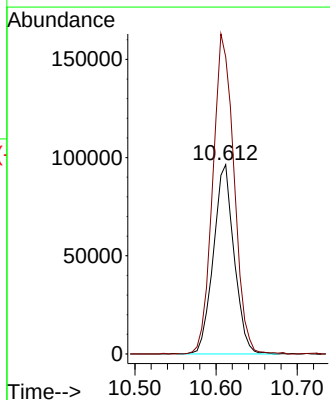
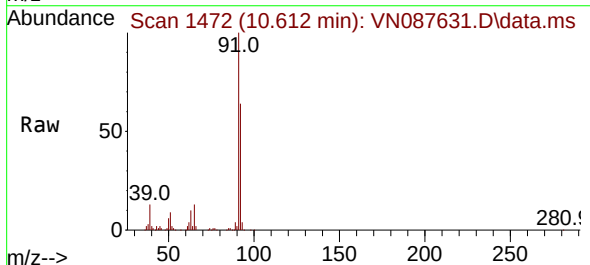
Manual Integrations
APPROVED

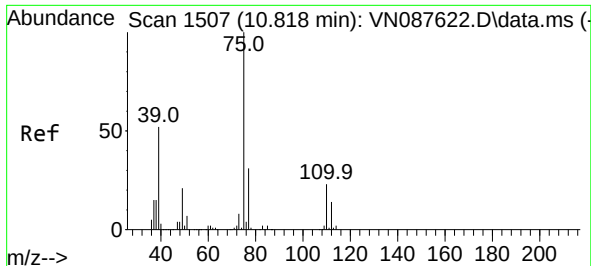
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#52
Toluene
Concen: 16.949 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

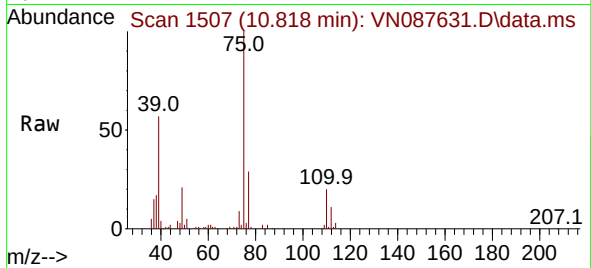
Tgt Ion: 92 Resp: 171056
Ion Ratio Lower Upper
92 100
91 173.6 140.4 210.6





#53
t-1,3-Dichloropropene
Concen: 17.301 ug/l
RT: 10.818 min Scan# 11207
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

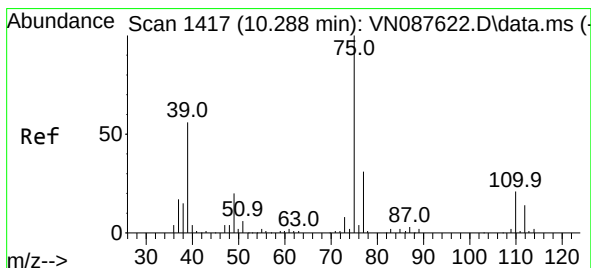
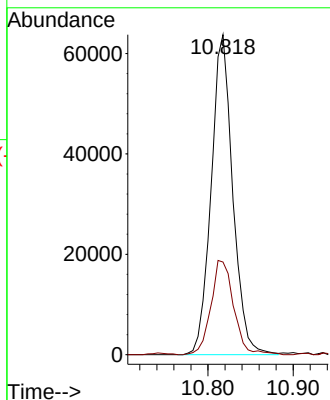
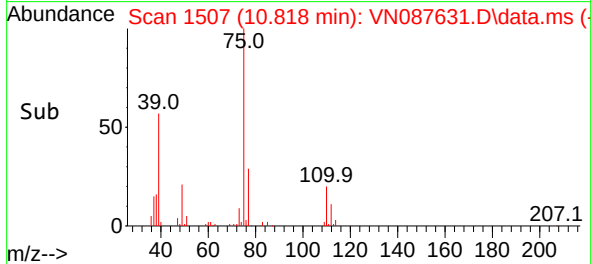
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 75 Resp: 11207
Ion Ratio Lower Upper
75 100
77 28.9 25.2 37.8

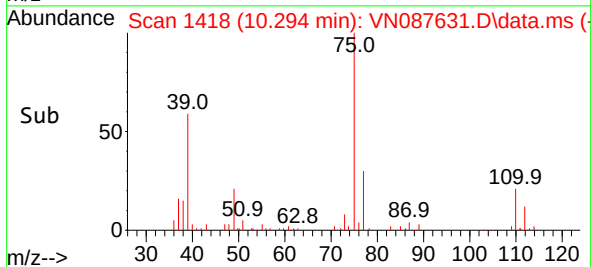
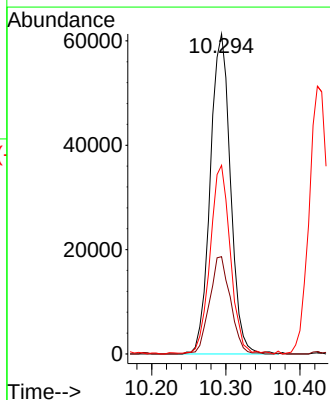
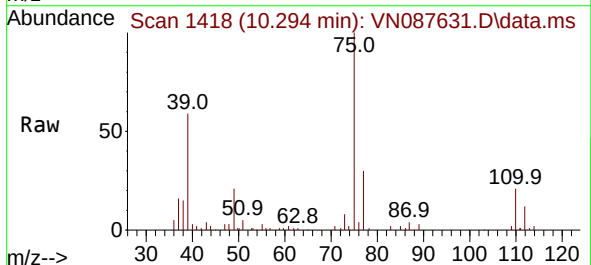
Manual Integrations
APPROVED

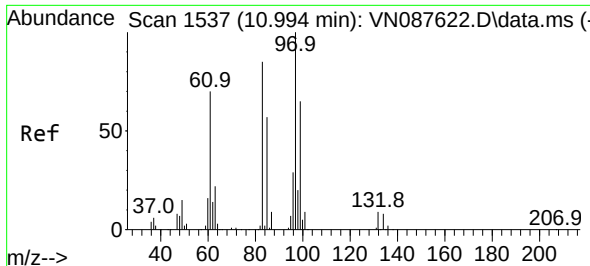
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#54
cis-1,3-Dichloropropene
Concen: 17.257 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

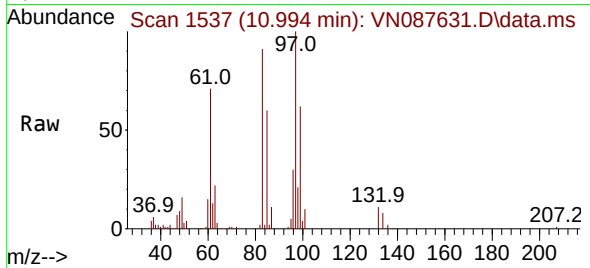
Tgt Ion: 75 Resp: 116075
Ion Ratio Lower Upper
75 100
77 30.4 24.6 37.0
39 58.7 45.2 67.8





#55
1,1,2-Trichloroethane
Concen: 16.689 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

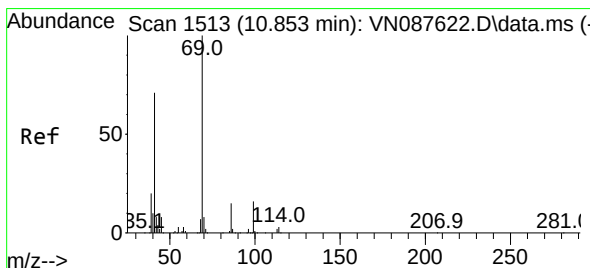
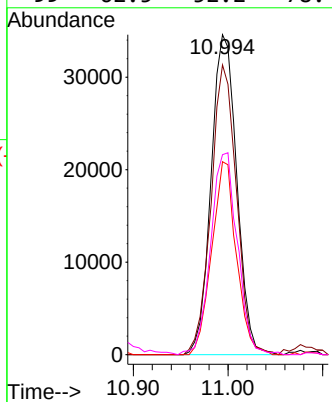
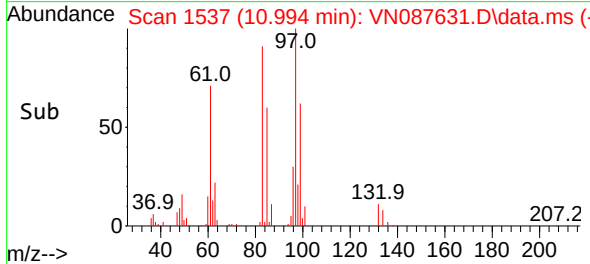
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



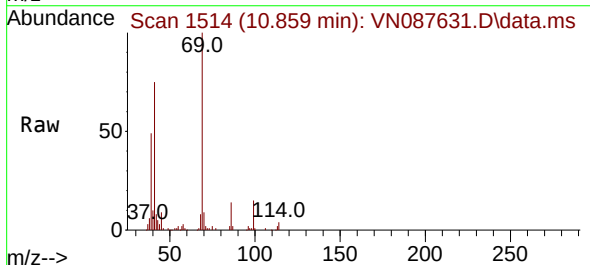
Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.6	68.2	102.4
85	60.3	45.5	68.3
99	62.5	52.2	78.4

Manual Integrations
APPROVED

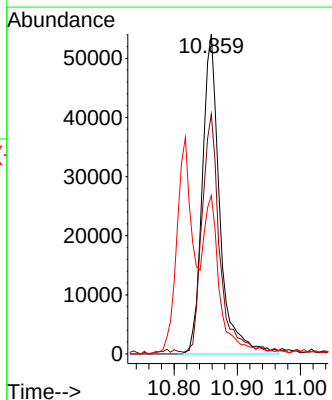
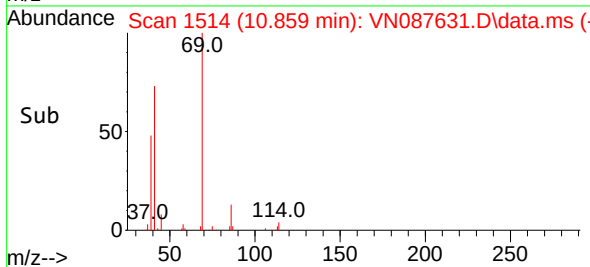
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

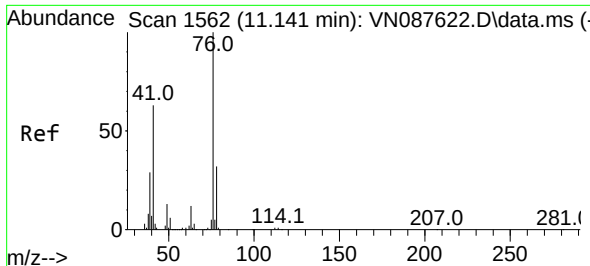


#56
Ethyl methacrylate
Concen: 16.719 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16



Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.9	56.5	84.7
39	44.2	34.2	51.4





#57

1,3-Dichloropropane

Concen: 16.965 ug/l

RT: 11.147 min Scan# 117218

Delta R.T. 0.006 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBS01

Tgt Ion: 76 Resp: 117218

Ion Ratio Lower Upper

76 100

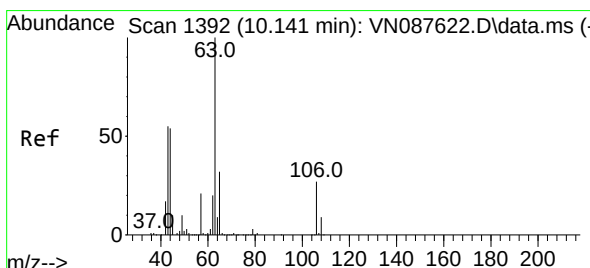
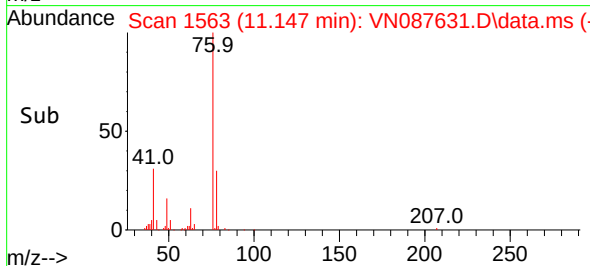
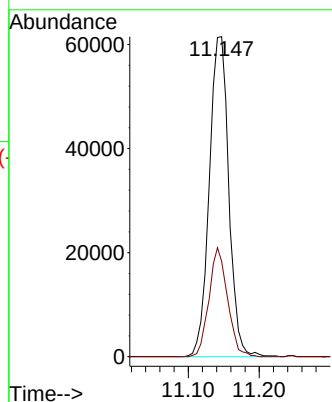
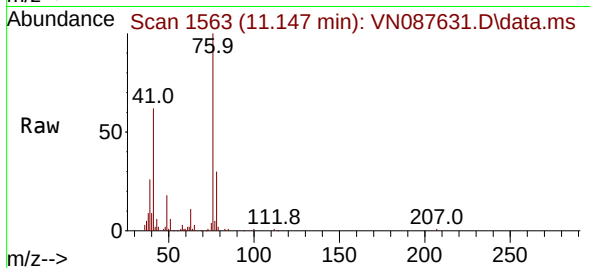
78 32.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#58

2-Chloroethyl Vinyl ether

Concen: 90.215 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087631.D

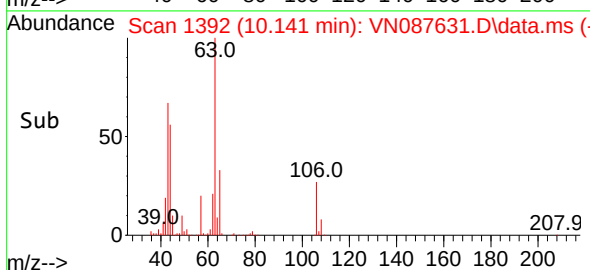
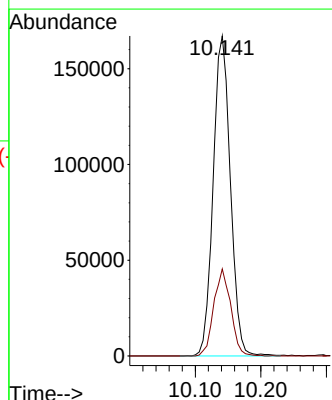
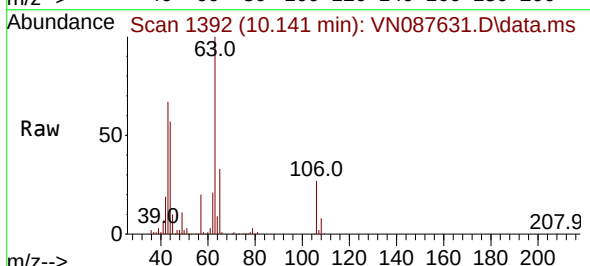
Acq: 22 Aug 2025 11:16

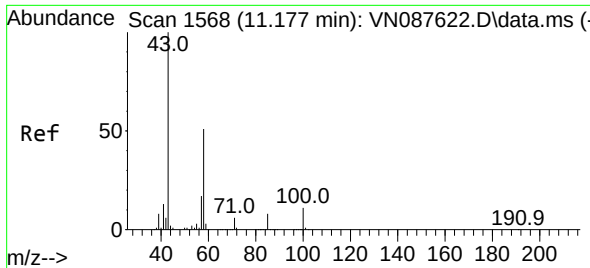
Tgt Ion: 63 Resp: 304662

Ion Ratio Lower Upper

63 100

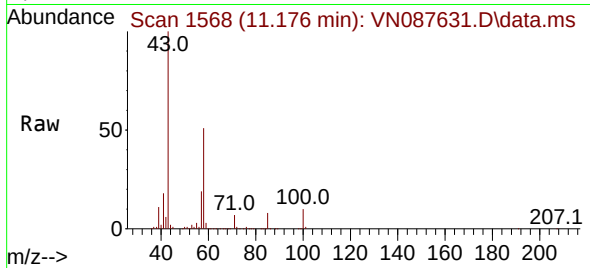
106 26.8 21.1 31.7





#59
2-Hexanone
Concen: 87.788 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

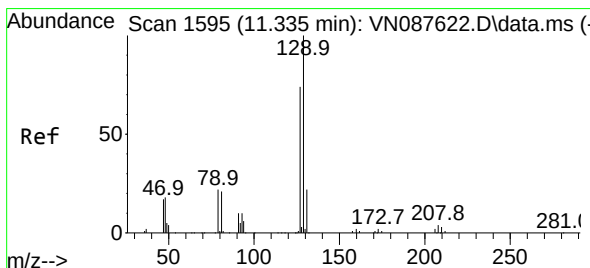
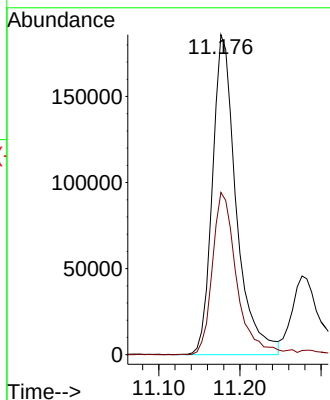
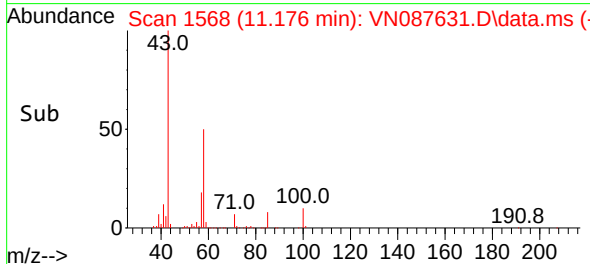
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



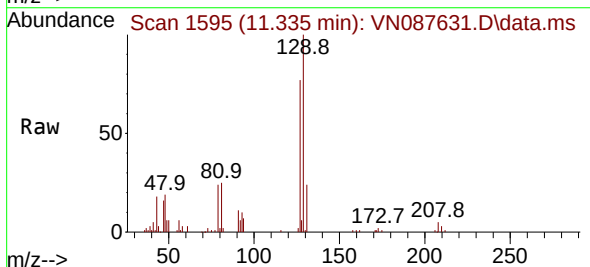
Tgt Ion: 43 Resp: 37905
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.8

Manual Integrations
APPROVED

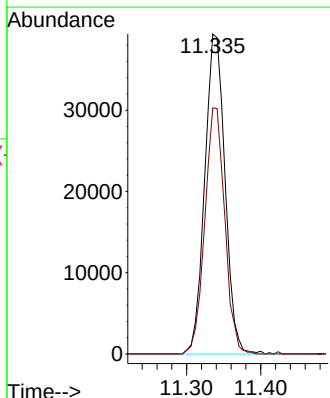
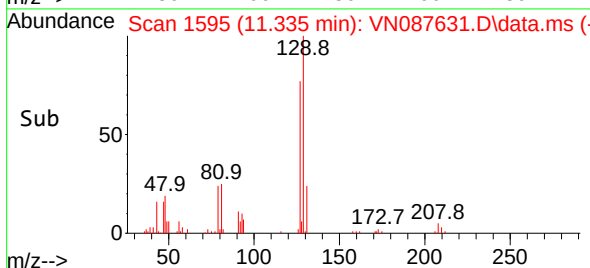
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

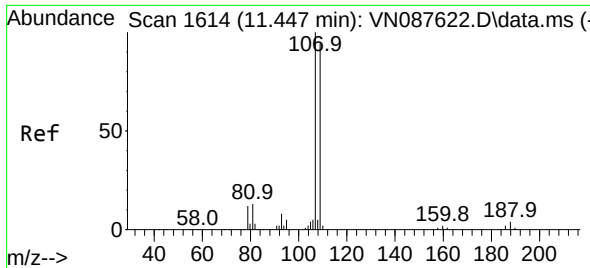


#60
Dibromochloromethane
Concen: 16.535 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16



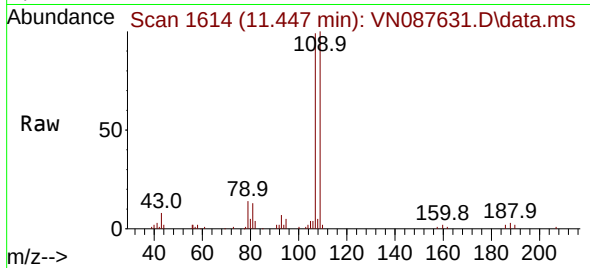
Tgt Ion:129 Resp: 74801
Ion Ratio Lower Upper
129 100
127 75.9 39.1 117.3





#61
1,2-Dibromoethane
Concen: 16.751 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

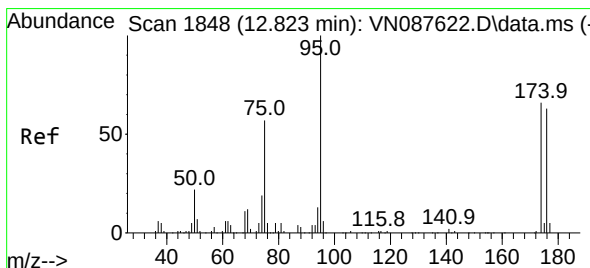
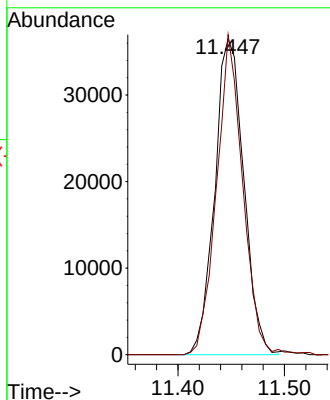
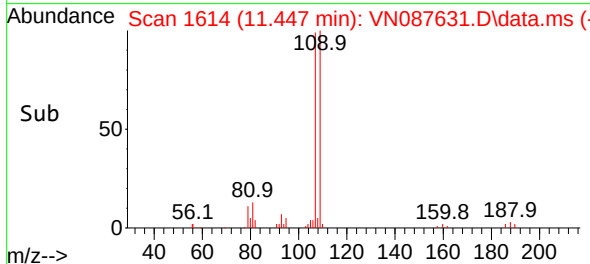
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion:107 Resp: 6895
Ion Ratio Lower Upper
107 100
109 91.8 74.7 112.1

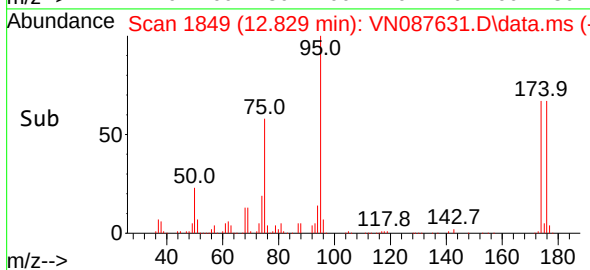
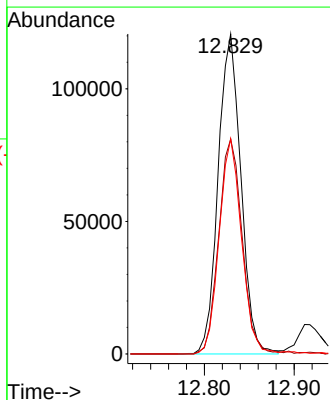
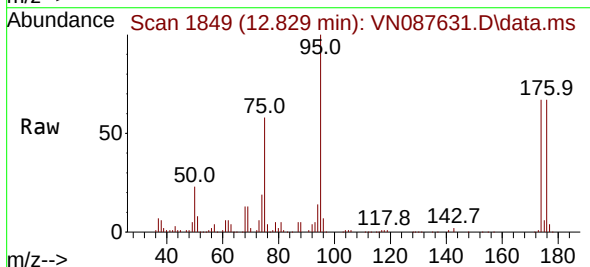
Manual Integrations
APPROVED

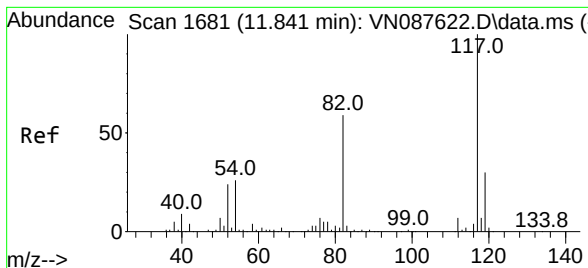
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#62
4-Bromofluorobenzene
Concen: 46.171 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

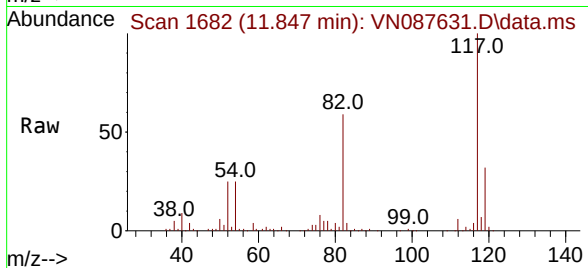
Tgt Ion: 95 Resp: 212626
Ion Ratio Lower Upper
95 100
174 69.3 0.0 138.4
176 66.0 0.0 132.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11847
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

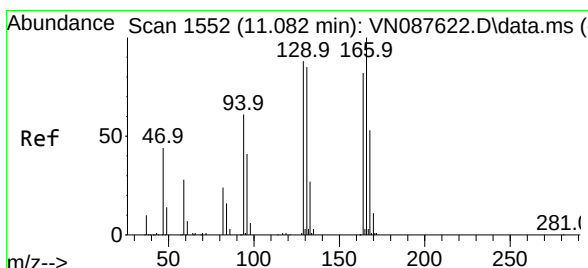
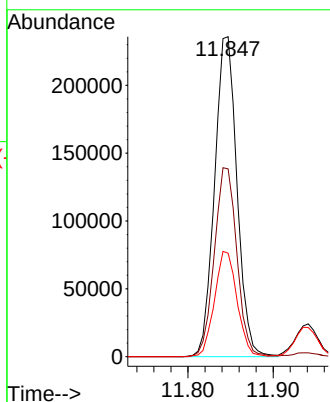
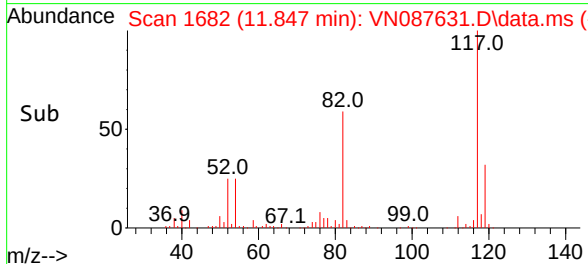
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



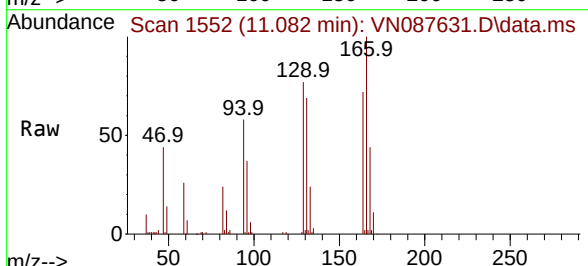
Tgt Ion:117 Resp: 43193
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 32.4 24.3 36.5

Manual Integrations
APPROVED

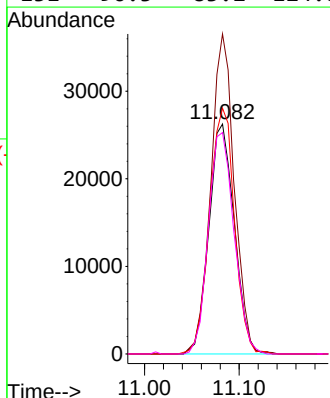
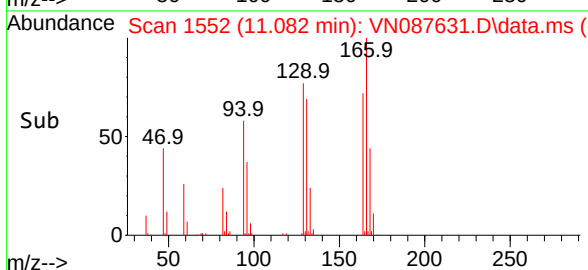
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

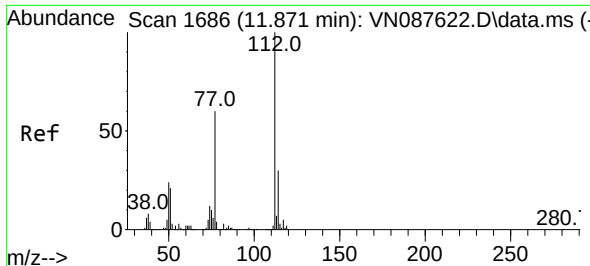


#64
Tetrachloroethene
Concen: 16.325 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16



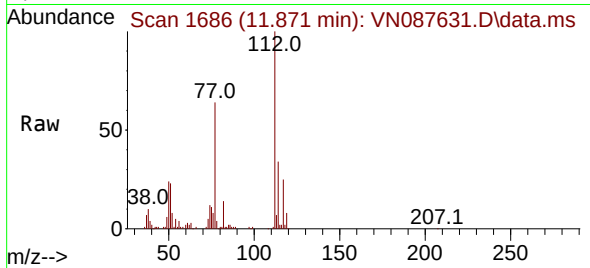
Tgt Ion:164 Resp: 48922
Ion Ratio Lower Upper
164 100
166 139.2 97.7 146.5
129 106.9 85.9 128.9
131 96.3 83.2 124.8





#65
Chlorobenzene
Concen: 17.235 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

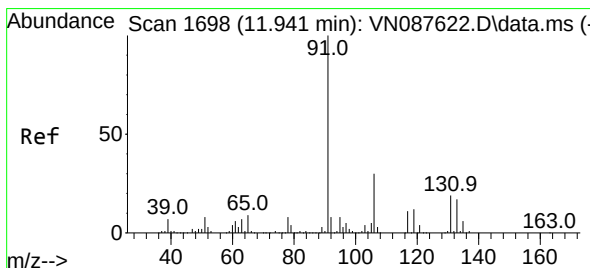
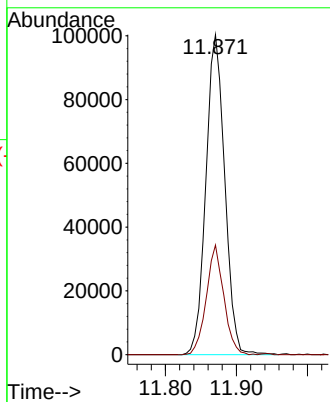
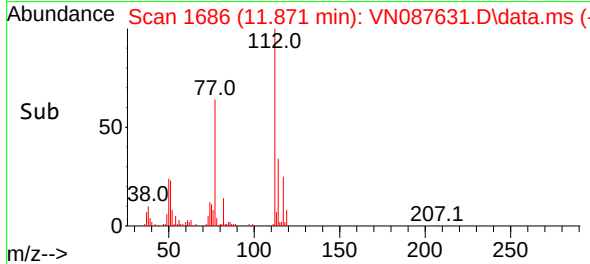
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



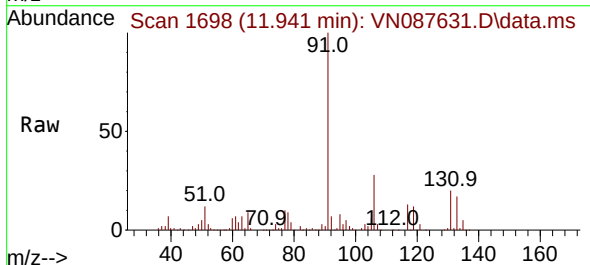
Tgt Ion:112 Resp: 185200
Ion Ratio Lower Upper
112 100
114 34.3 24.3 36.5

Manual Integrations
APPROVED

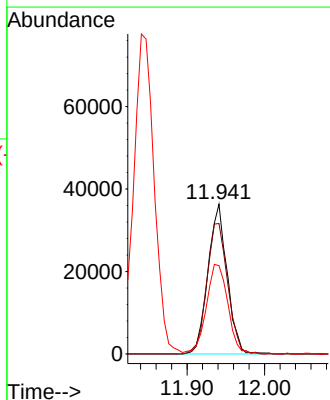
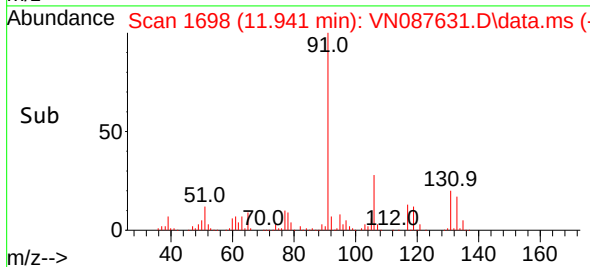
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

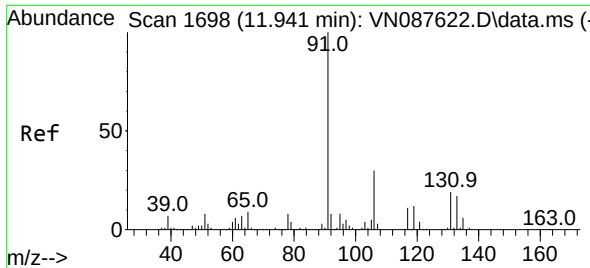


#66
1,1,1,2-Tetrachloroethane
Concen: 17.471 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16



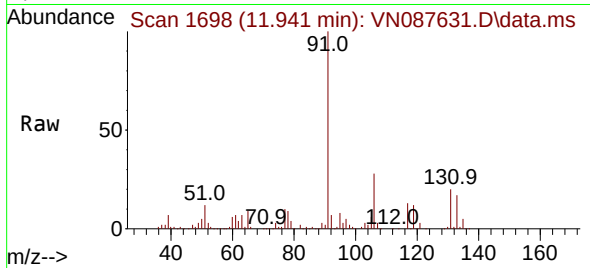
Tgt Ion:131 Resp: 62327
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.0
119 66.8 32.6 97.7





#67
Ethyl Benzene
Concen: 17.283 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

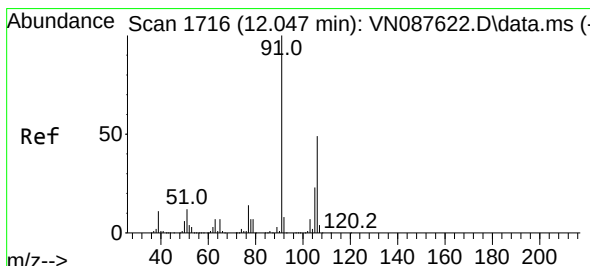
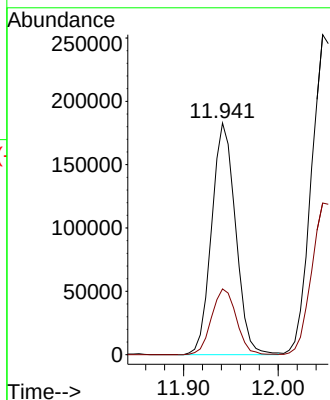
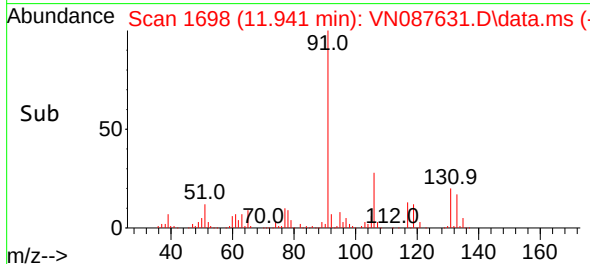
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 91 Resp: 321564
Ion Ratio Lower Upper
91 100
106 28.4 24.1 36.1

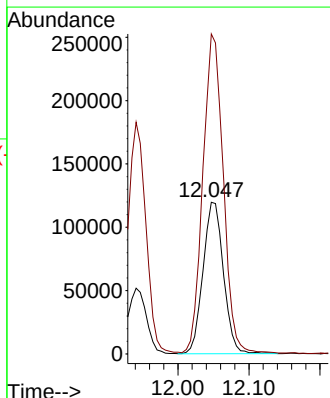
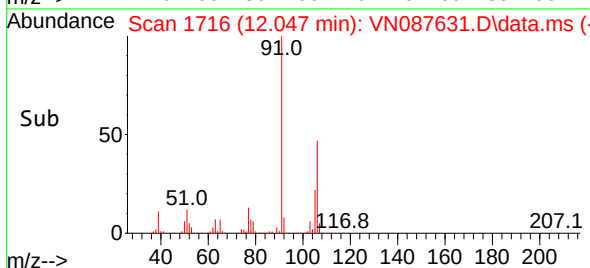
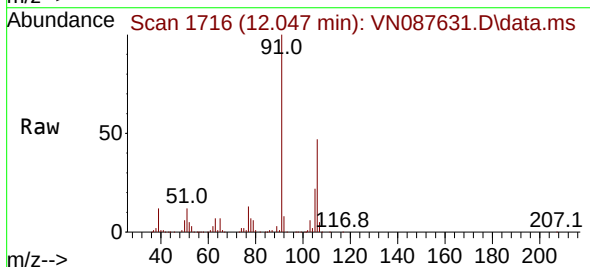
Manual Integrations
APPROVED

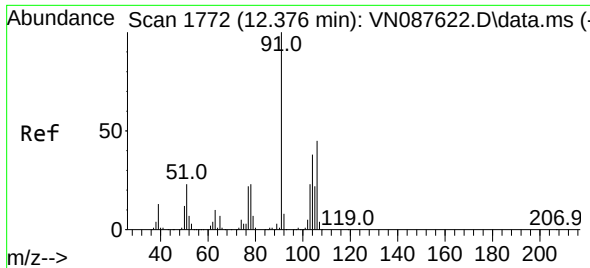
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#68
m/p-Xylenes
Concen: 35.114 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

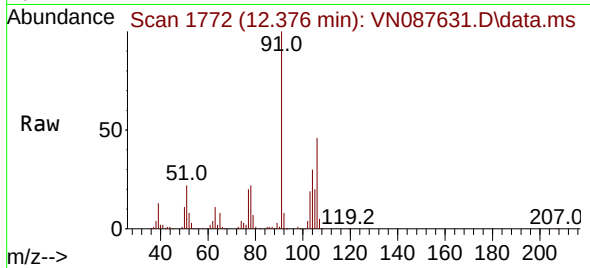
Tgt Ion:106 Resp: 239600
Ion Ratio Lower Upper
106 100
91 210.4 169.3 253.9





#69
o-Xylene
Concen: 17.083 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

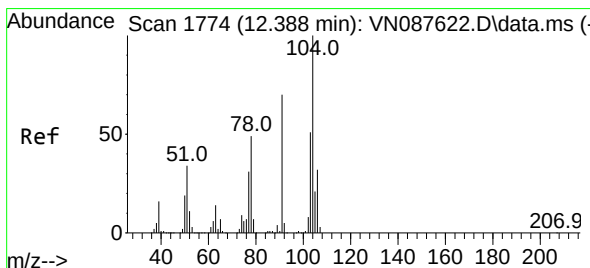
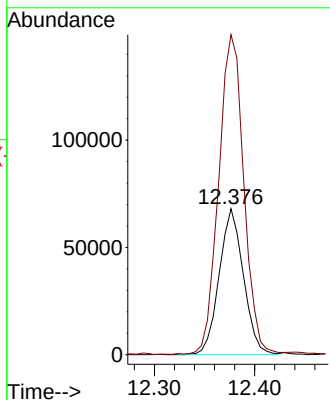
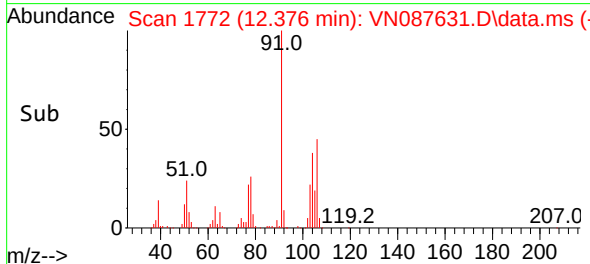
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion:106 Resp: 114234
Ion Ratio Lower Upper
106 100
91 226.6 111.4 334.2

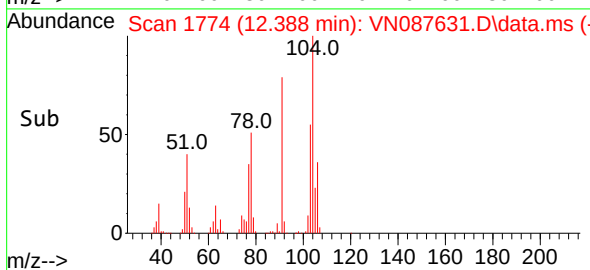
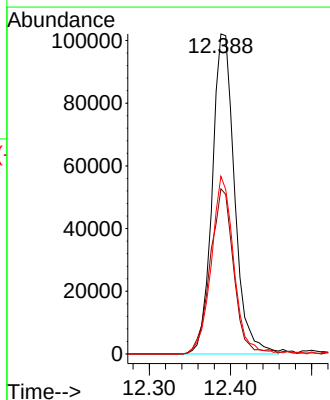
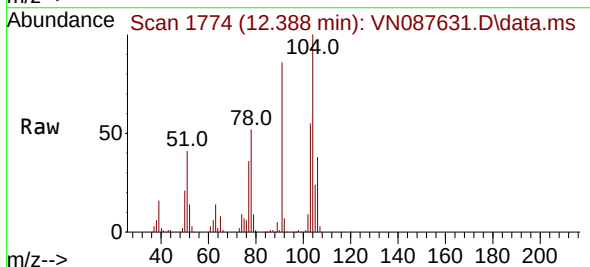
Manual Integrations
APPROVED

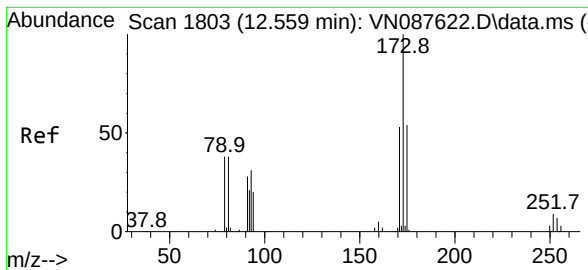
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#70
Styrene
Concen: 17.464 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Tgt Ion:104 Resp: 195650
Ion Ratio Lower Upper
104 100
78 54.3 42.2 63.2
103 55.8 43.4 65.2





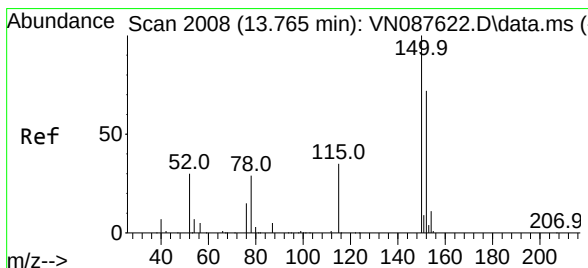
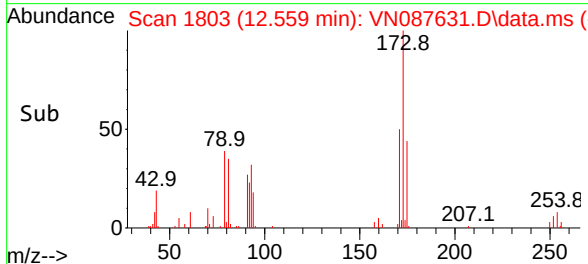
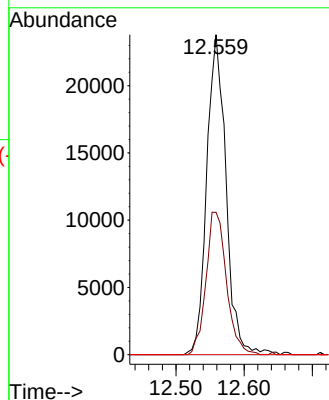
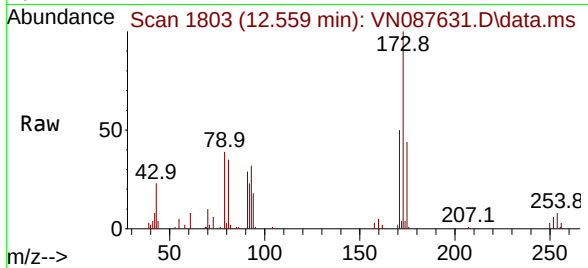
#71
Bromoform
Concen: 17.067 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01

Tgt Ion:173 Resp: 4669
Ion Ratio Lower Upper
173 100
175 47.5 24.9 74.6
254 0.0 0.1 0.1

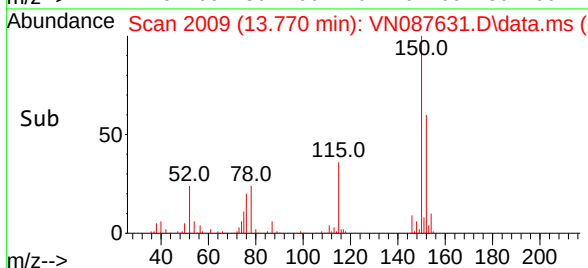
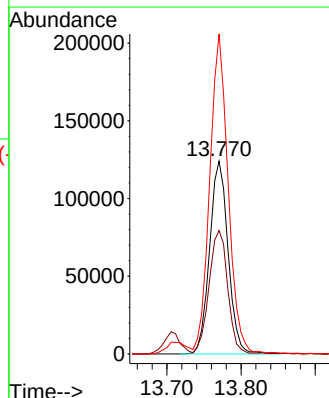
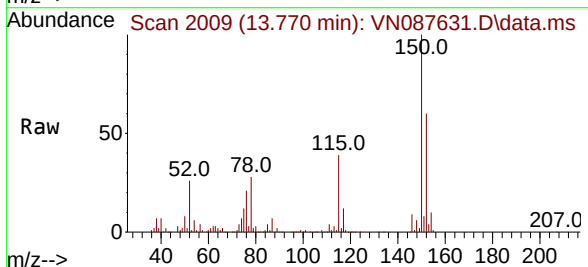
Manual Integrations
APPROVED

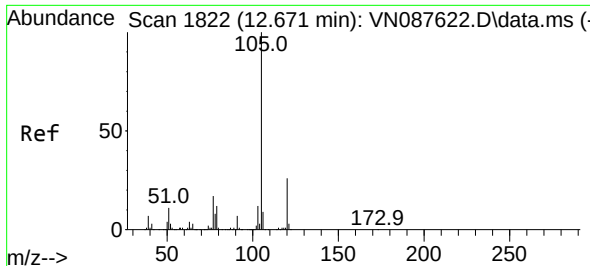
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

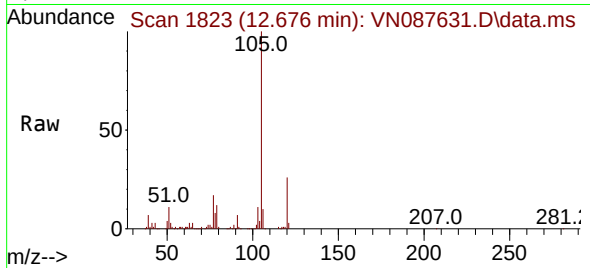
Tgt Ion:152 Resp: 215397
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 164.6 0.0 351.0





#73
Isopropylbenzene
Concen: 17.490 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

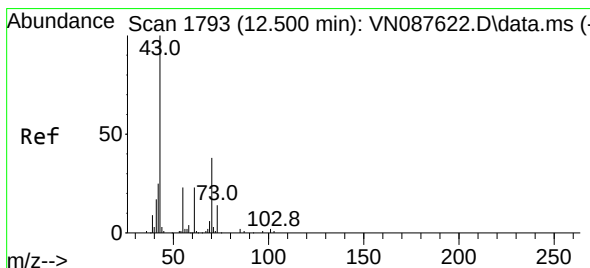
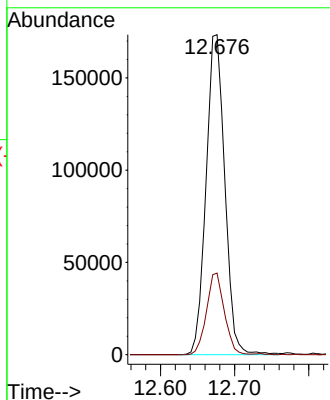
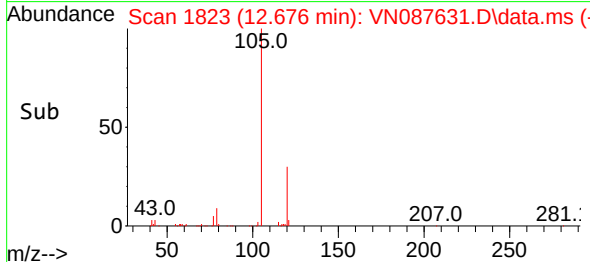
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion:105 Resp: 30442
Ion Ratio Lower Upper
105 100
120 24.3 12.8 38.3

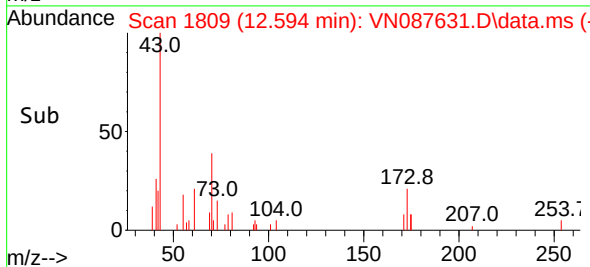
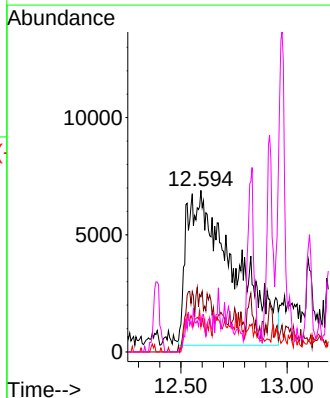
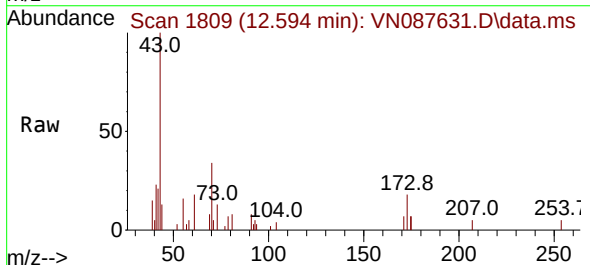
Manual Integrations
APPROVED

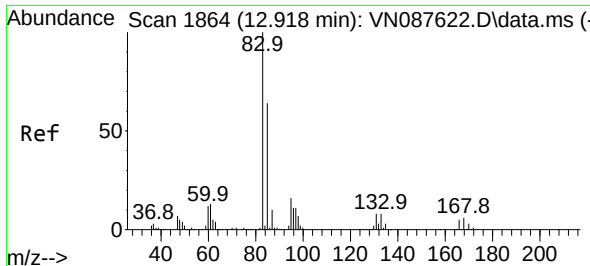
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#74
N-ethyl acetate
Concen: 15.496 ug/l m
RT: 12.594 min Scan# 1809
Delta R.T. 0.094 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

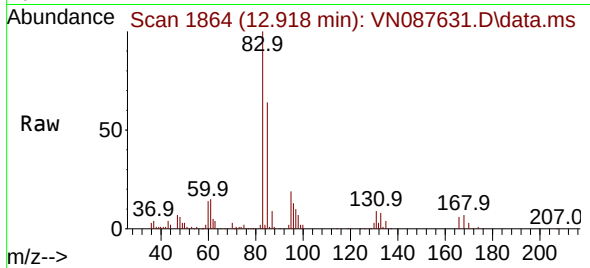
Tgt Ion: 43 Resp: 102214
Ion Ratio Lower Upper
43 100
70 7.4 27.6 41.4#
55 2.6 13.0 19.6#
61 3.3 13.0 19.6#





#75
1,1,2,2-Tetrachloroethane
Concen: 17.428 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

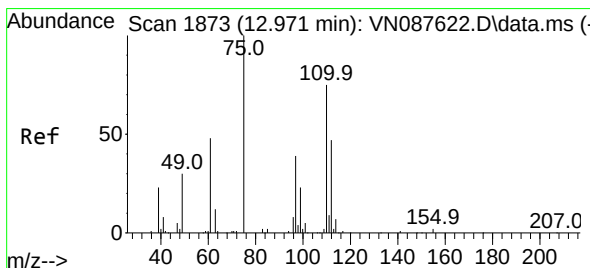
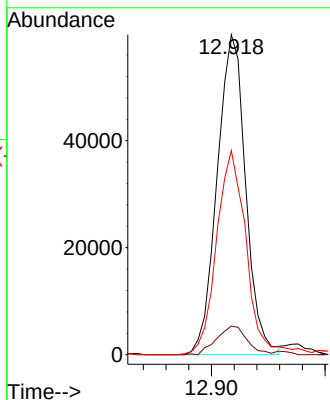
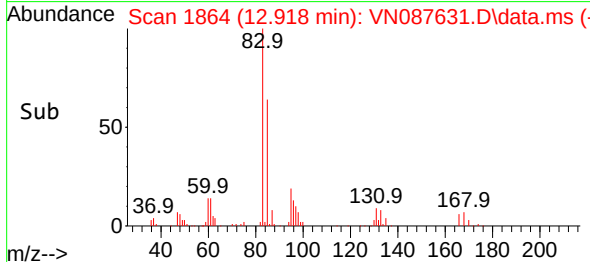
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



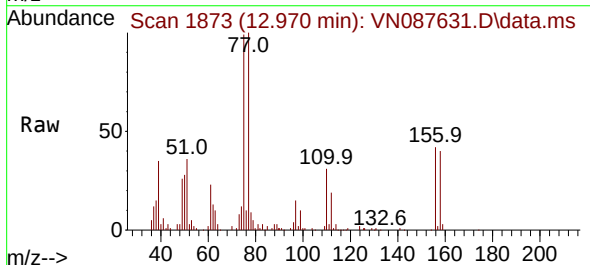
Tgt Ion: 83 Resp: 104430
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.6 32.1 96.3

Manual Integrations
APPROVED

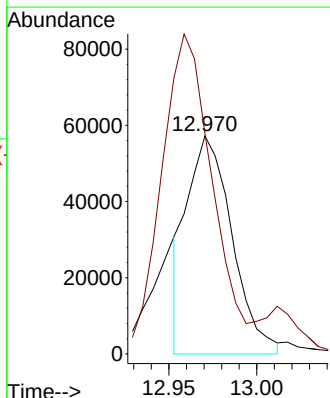
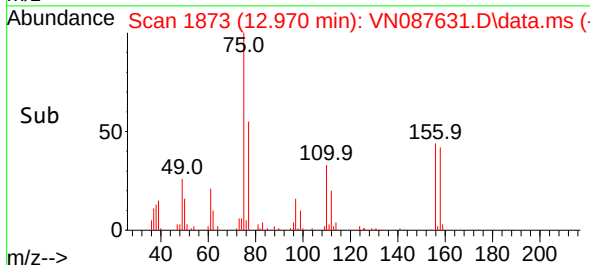
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

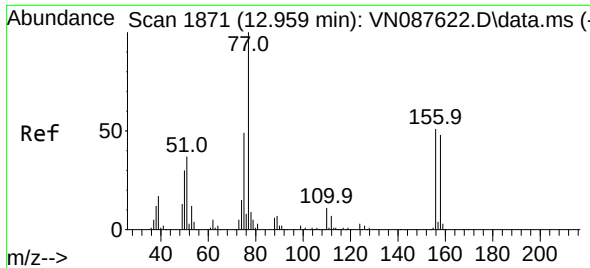


#76
1,2,3-Trichloropropane
Concen: 20.146 ug/l m
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16



Tgt Ion: 75 Resp: 101760
Ion Ratio Lower Upper
75 100
77 168.8 89.1 267.4





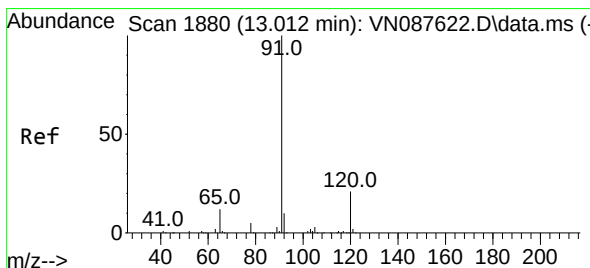
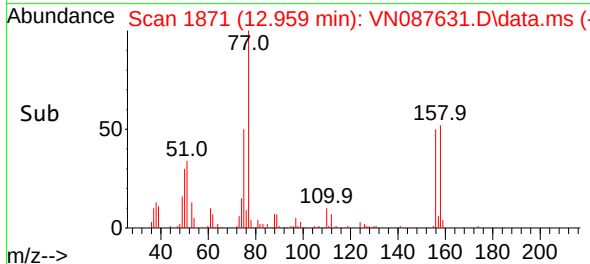
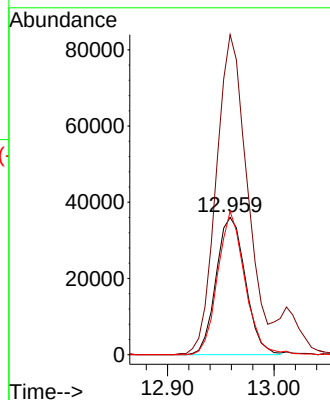
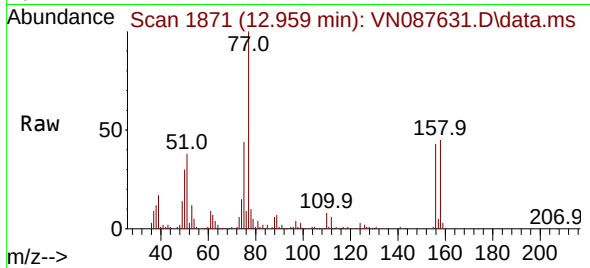
#77
Bromobenzene
Concen: 16.741 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01

Tgt Ion:156 Resp: 6870
Ion Ratio Lower Upper
156 100
77 250.0 119.3 358.0
158 97.2 48.2 144.6

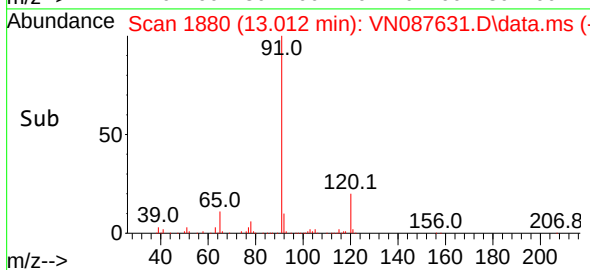
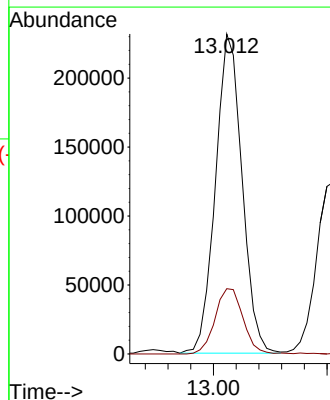
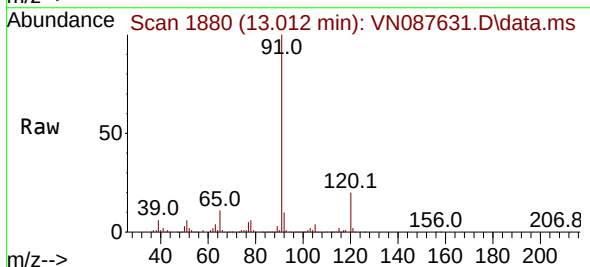
Manual Integrations
APPROVED

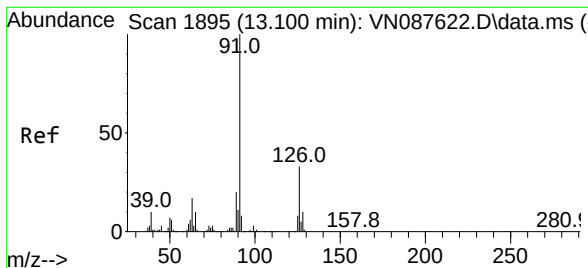
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#78
n-propylbenzene
Concen: 17.540 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

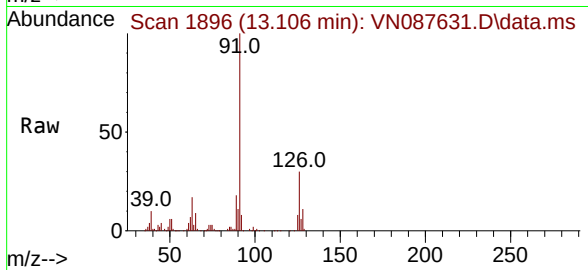
Tgt Ion: 91 Resp: 376049
Ion Ratio Lower Upper
91 100
120 21.6 10.7 32.1





#79
2-Chlorotoluene
Concen: 17.468 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

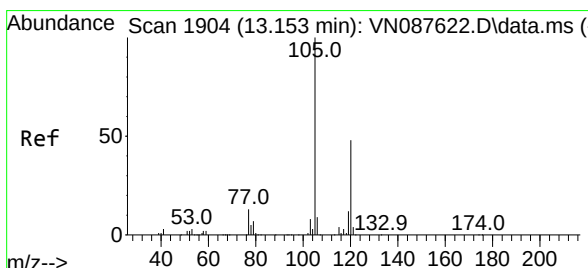
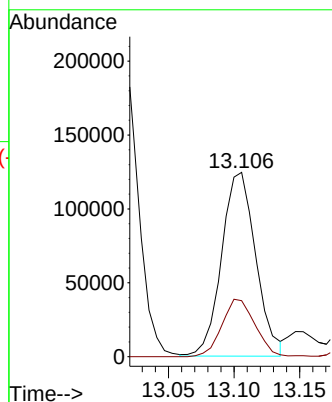
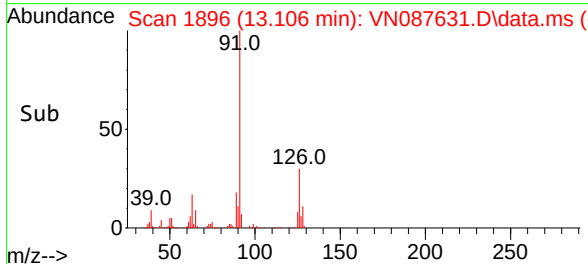
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



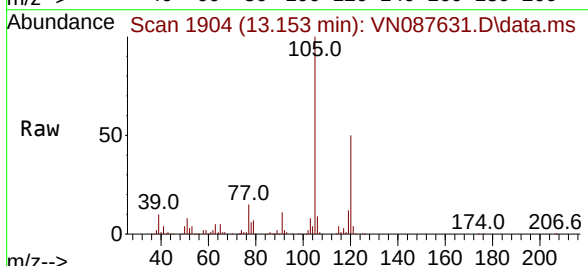
Tgt Ion: 91 Resp: 22537
Ion Ratio Lower Upper
91 100
126 30.6 16.1 48.3

Manual Integrations
APPROVED

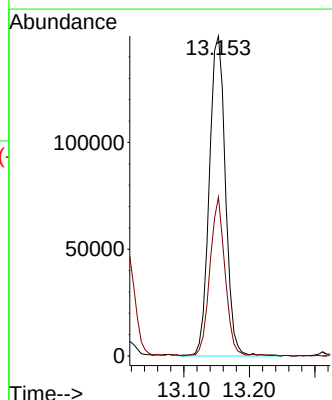
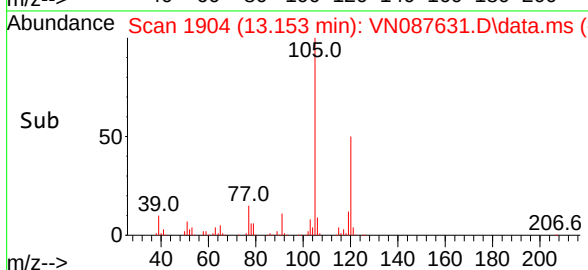
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025

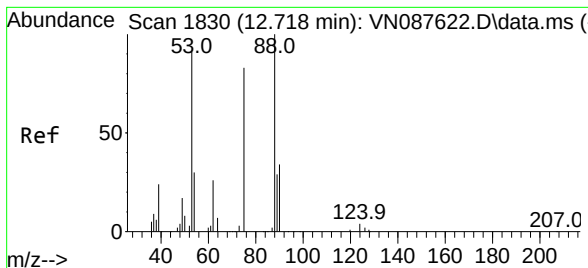


#80
1,3,5-Trimethylbenzene
Concen: 17.340 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16



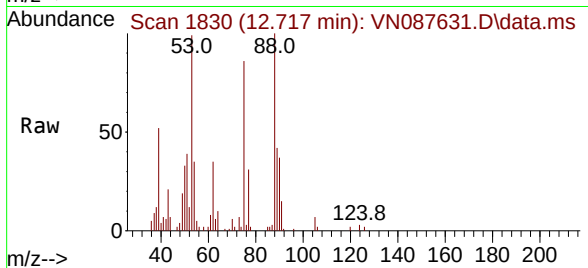
Tgt Ion:105 Resp: 256037
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6





#81
trans-1,4-Dichloro-2-butene
Concen: 15.433 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

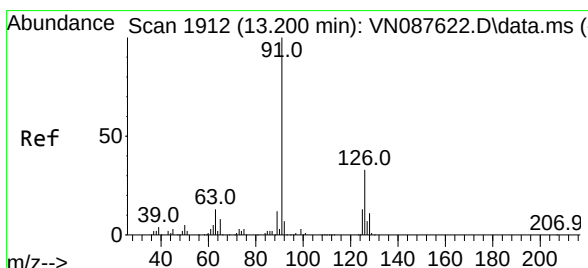
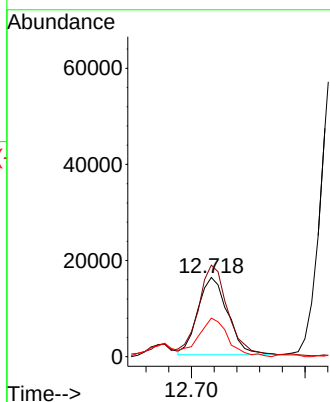
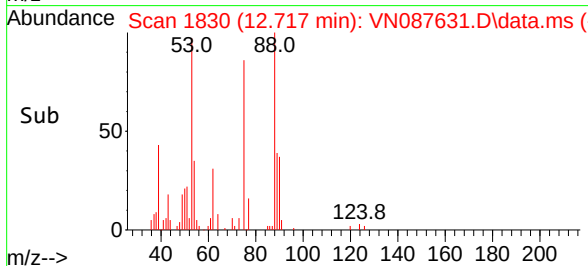
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 75 Resp: 2944
Ion Ratio Lower Upper
75 100
53 115.4 101.8 152.6
89 49.3 35.6 53.4

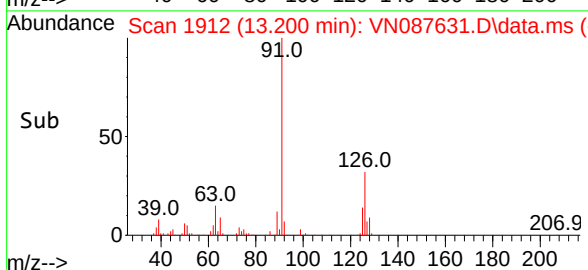
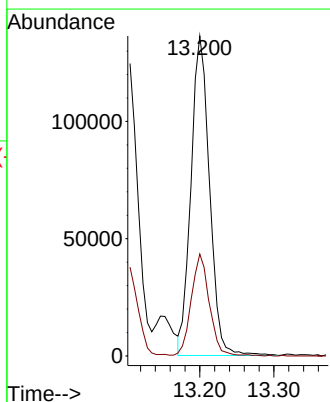
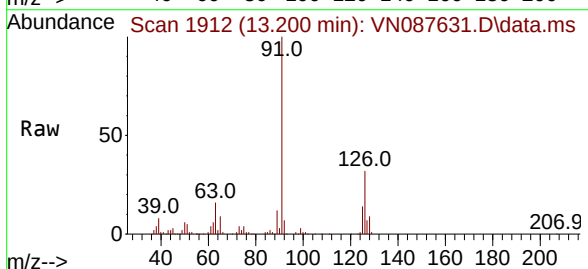
Manual Integrations
APPROVED

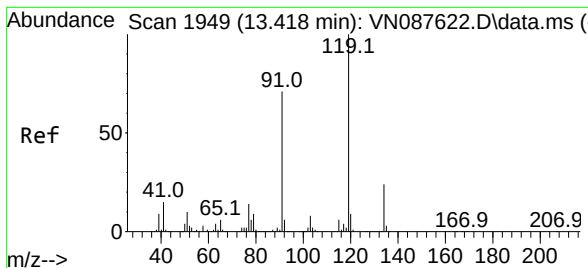
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#82
4-Chlorotoluene
Concen: 17.507 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

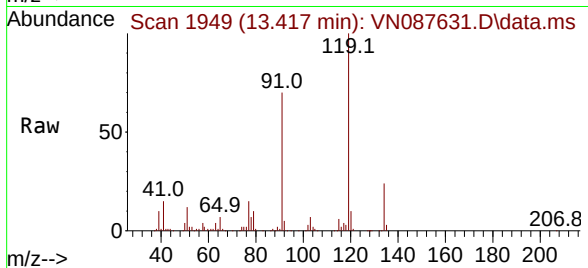
Tgt Ion: 91 Resp: 237483
Ion Ratio Lower Upper
91 100
126 31.2 15.6 46.8





#83
 tert-Butylbenzene
 Concen: 17.359 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16

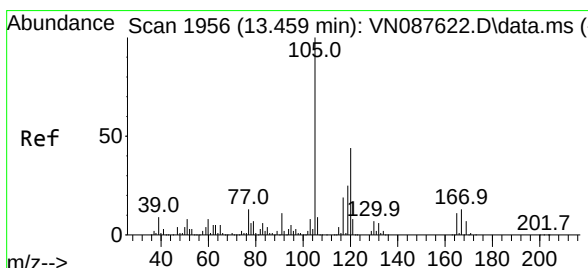
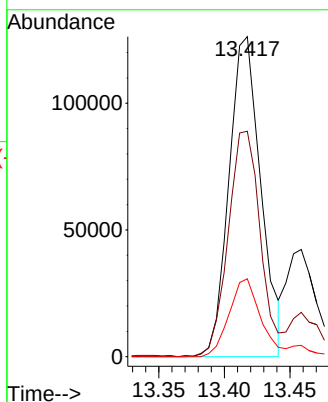
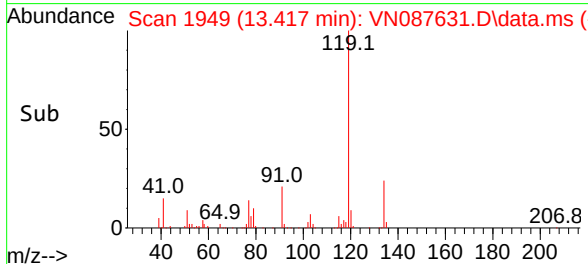
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS01



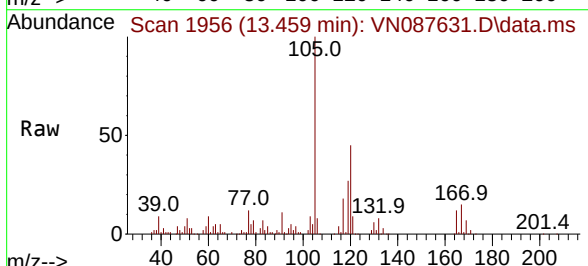
Tgt Ion:119 Resp: 21359
 Ion Ratio Lower Upper
 119 100
 91 70.7 35.0 105.0
 134 24.1 12.6 37.8

Manual Integrations
 APPROVED

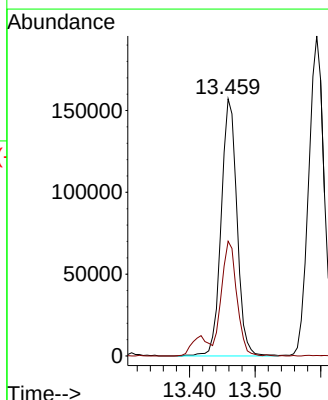
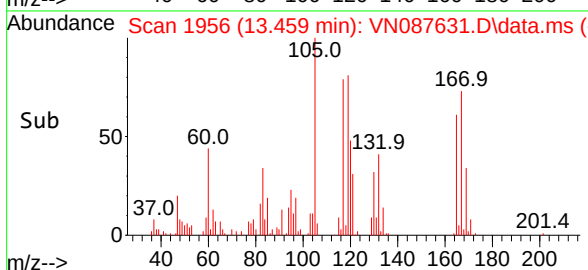
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

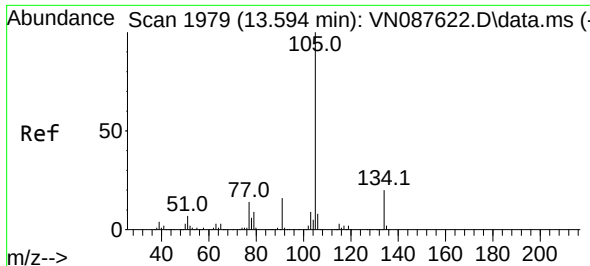


#84
 1,2,4-Trimethylbenzene
 Concen: 17.706 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16



Tgt Ion:105 Resp: 261718
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.0 66.0





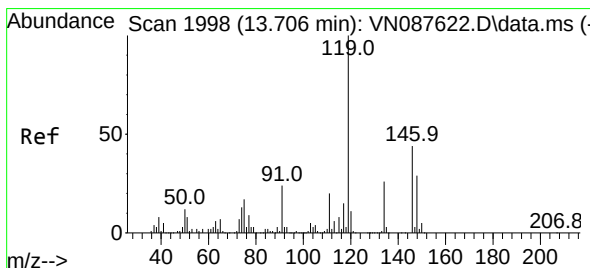
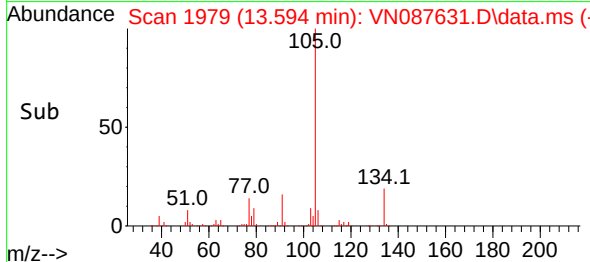
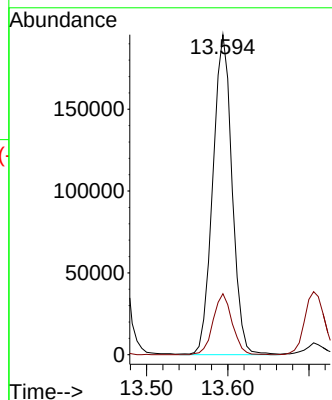
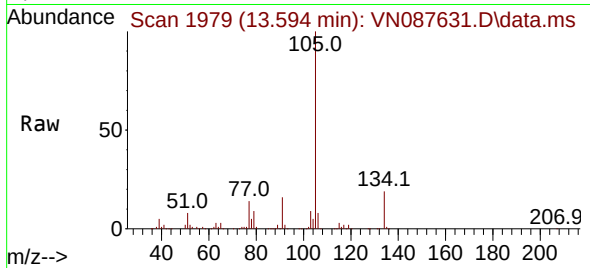
#85
 sec-Butylbenzene
 Concen: 17.634 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS01

Tgt Ion:105 Resp: 321980
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.6 28.6

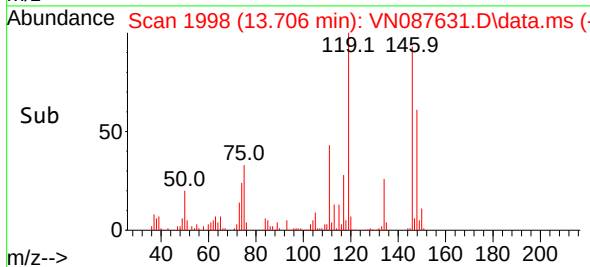
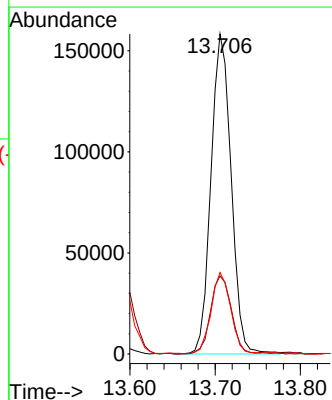
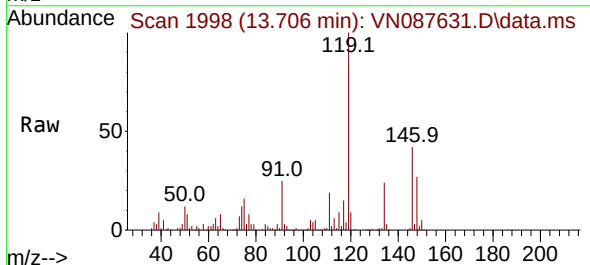
Manual Integrations
 APPROVED

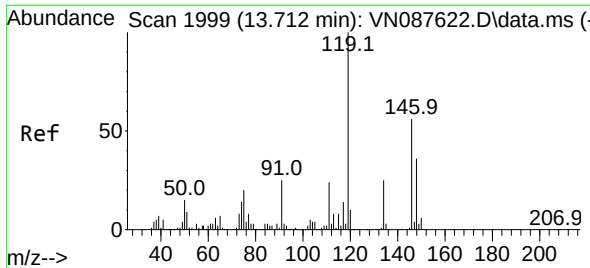
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025



#86
 p-Isopropyltoluene
 Concen: 17.262 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16

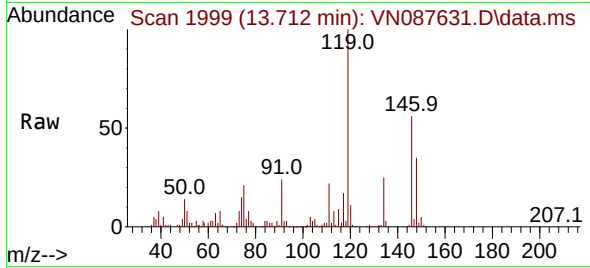
Tgt Ion:119 Resp: 260272
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.7 38.0
 91 24.9 12.5 37.5





#87
 1,3-Dichlorobenzene
 Concen: 17.125 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16

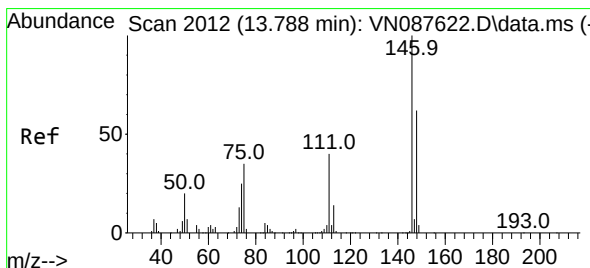
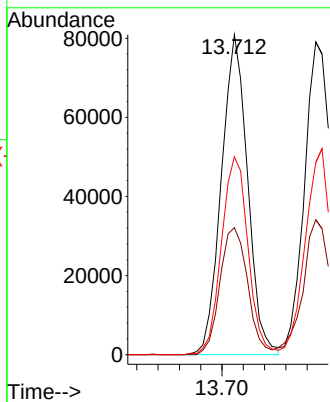
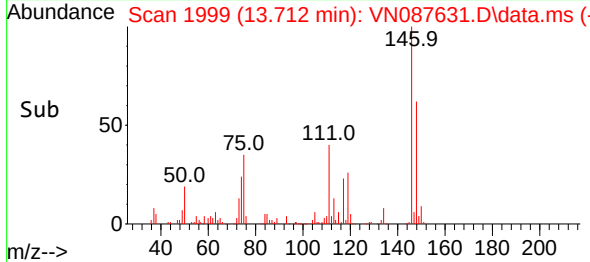
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822WBS01



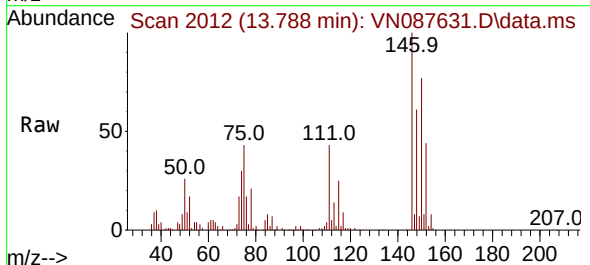
Tgt Ion:146 Resp: 13840
 Ion Ratio Lower Upper
 146 100
 111 41.8 22.1 66.5
 148 62.8 32.0 96.2

Manual Integrations
 APPROVED

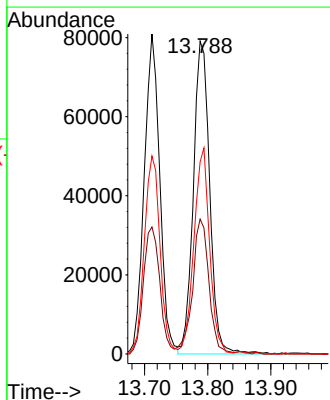
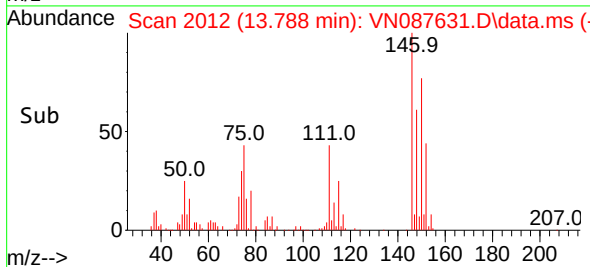
Reviewed By :John Carlone 08/25/2025
 Supervised By :Semsettin Yesilyurt 08/25/2025

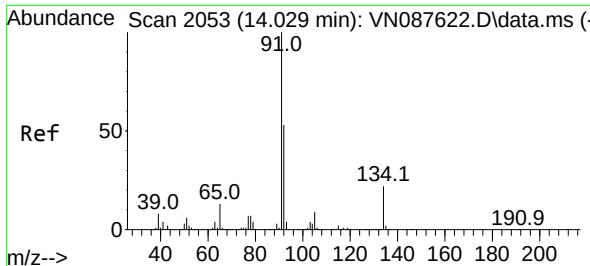


#88
 1,4-Dichlorobenzene
 Concen: 16.925 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087631.D
 Acq: 22 Aug 2025 11:16



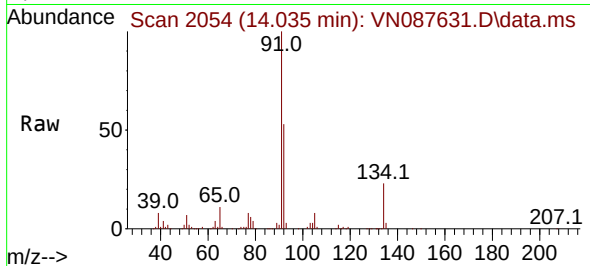
Tgt Ion:146 Resp: 142344
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.0 63.0
 148 62.5 32.0 96.0





#89
n-Butylbenzene
Concen: 16.950 ug/l
RT: 14.035 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

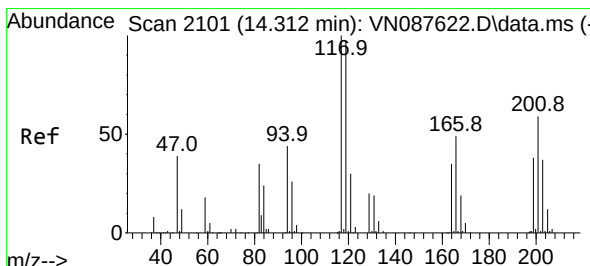
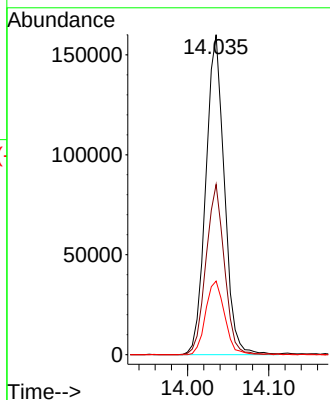
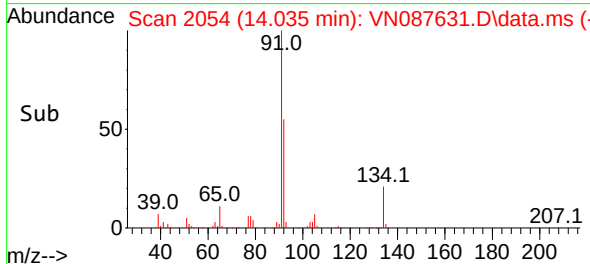
Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01



Tgt Ion: 91 Resp: 253824
Ion Ratio Lower Upper
91 100
92 52.9 25.9 77.8
134 23.7 11.7 35.0

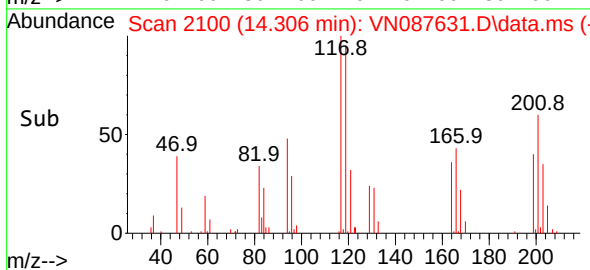
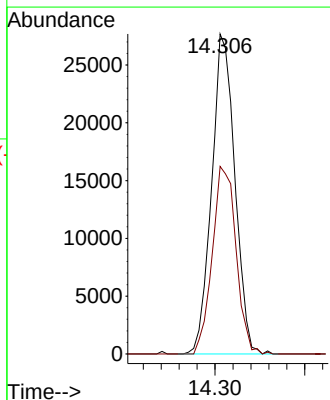
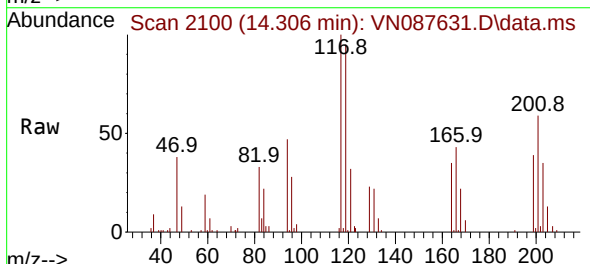
Manual Integrations
APPROVED

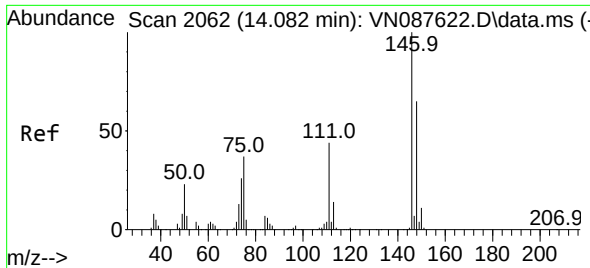
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#90
Hexachloroethane
Concen: 17.278 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Tgt Ion:117 Resp: 49631
Ion Ratio Lower Upper
117 100
201 60.0 29.1 87.4





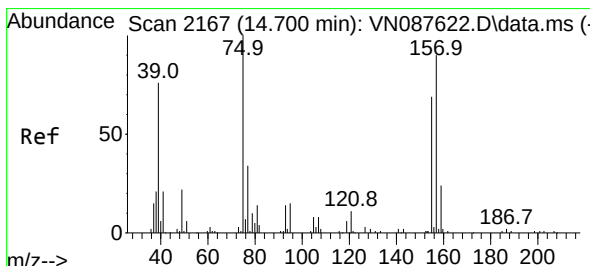
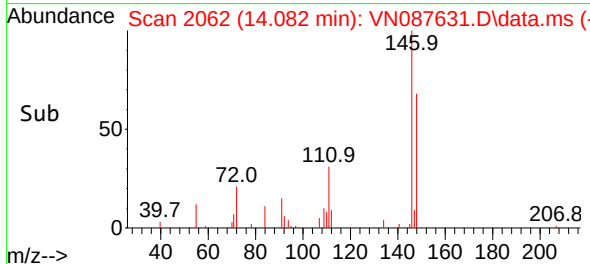
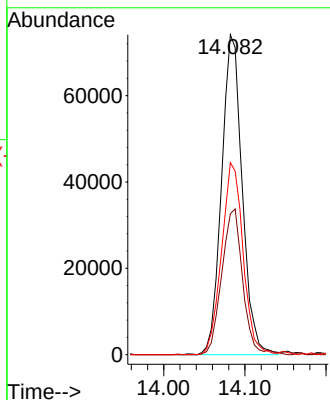
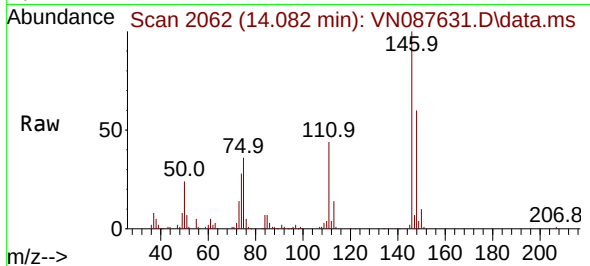
#91
1,2-Dichlorobenzene
Concen: 17.080 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0822WBS01

Tgt Ion:146 Resp: 13095
Ion Ratio Lower Upper
146 100
111 46.2 22.6 67.8
148 62.4 31.9 95.9

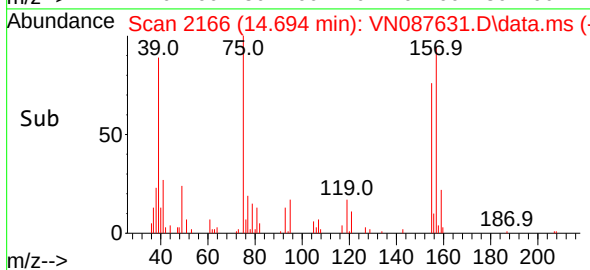
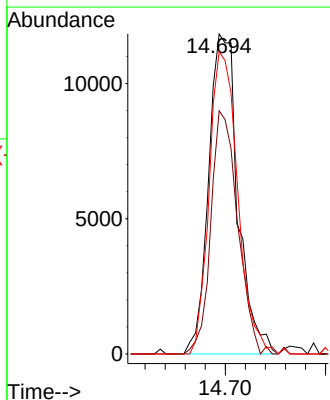
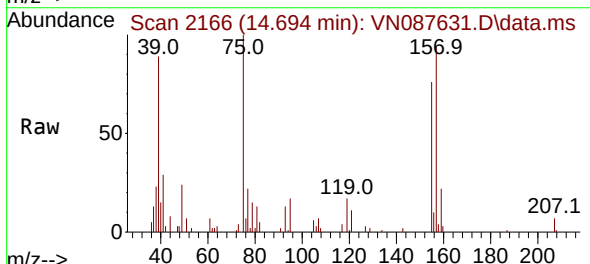
Manual Integrations
APPROVED

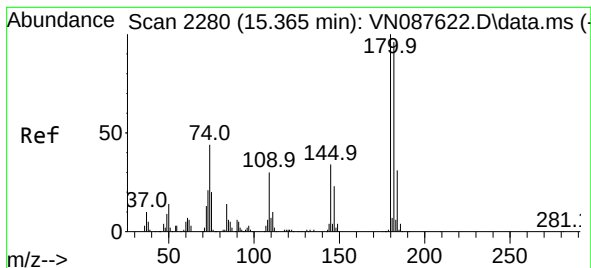
Reviewed By :John Carlone 08/25/2025
Supervised By :Semsettin Yesilyurt 08/25/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.789 ug/l
RT: 14.694 min Scan# 2166
Delta R.T. -0.006 min
Lab File: VN087631.D
Acq: 22 Aug 2025 11:16

Tgt Ion: 75 Resp: 23900
Ion Ratio Lower Upper
75 100
155 69.7 36.6 109.9
157 92.4 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 17.171 ug/l

RT: 15.370 min Scan# 2280

Delta R.T. 0.006 min

Lab File: VN087631.D

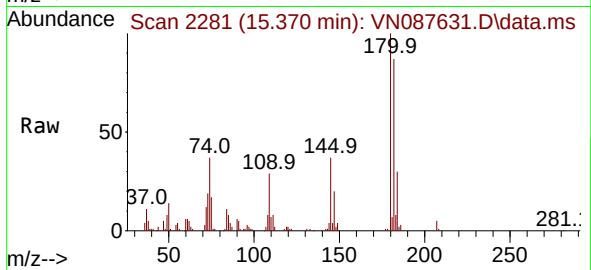
Acq: 22 Aug 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBS01



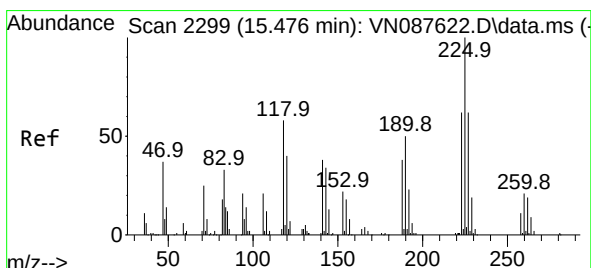
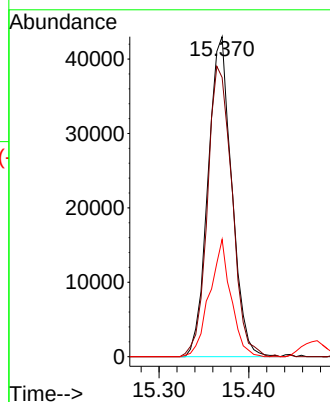
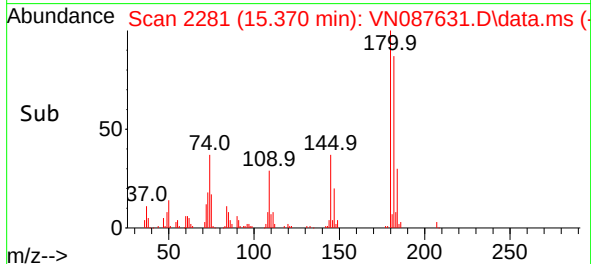
Tgt Ion:	180	Resp:	7905
Ion Ratio	Lower	Upper	
180	100		
182	93.7	47.6	142.9
145	33.0	16.5	49.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#94

Hexachlorobutadiene

Concen: 18.347 ug/l

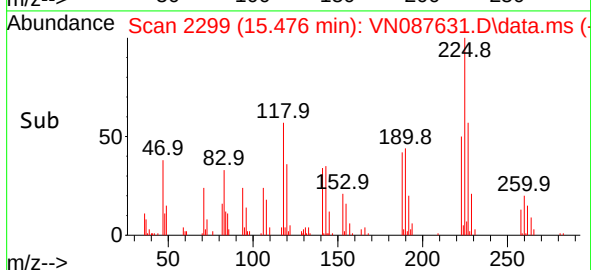
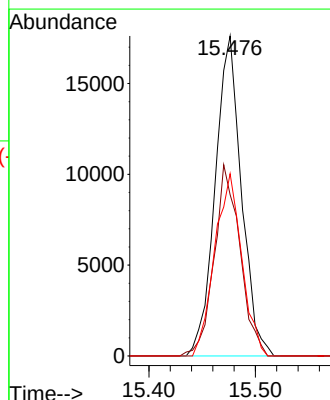
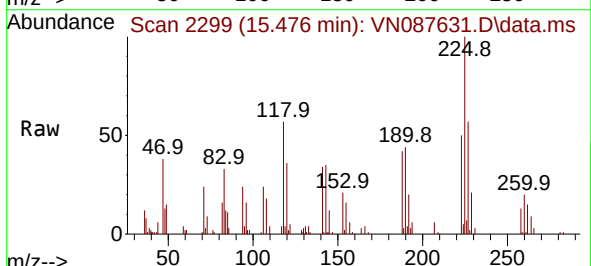
RT: 15.476 min Scan# 2299

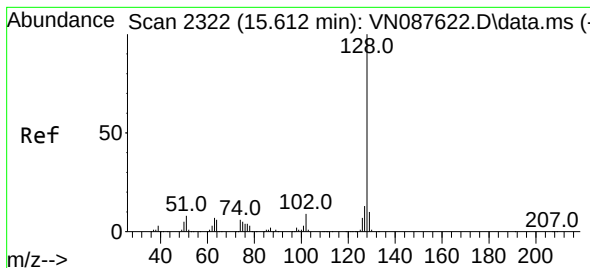
Delta R.T. -0.000 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

Tgt Ion:	225	Resp:	30115
Ion Ratio	Lower	Upper	
225	100		
223	58.6	32.0	96.2
227	58.8	32.1	96.5





#95

Naphthalene

Concen: 16.945 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0822WBS01

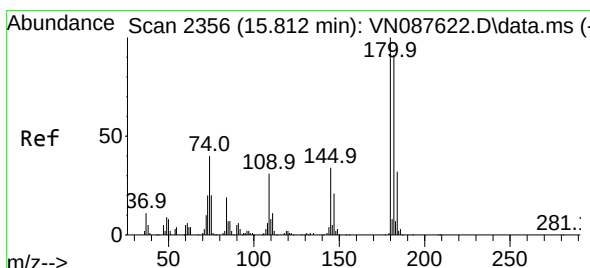
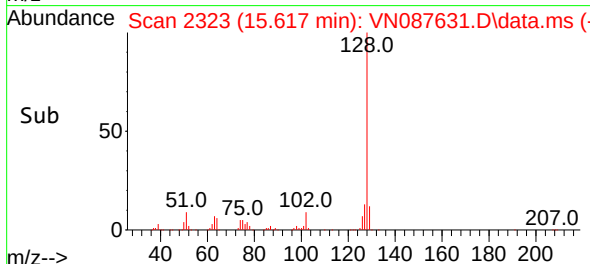
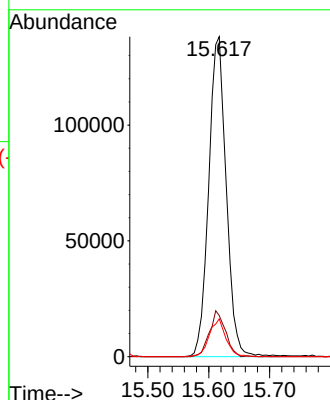
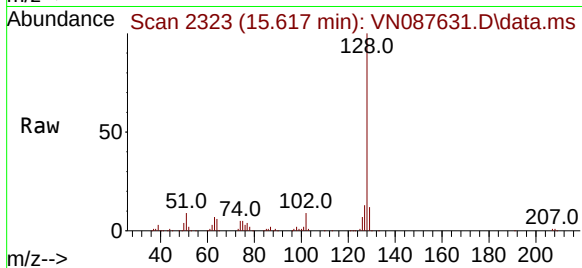
Tgt Ion:	128	Resp:	27633
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.2	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/25/2025

Supervised By :Semsettin Yesilyurt 08/25/2025



#96

1,2,3-Trichlorobenzene

Concen: 16.023 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087631.D

Acq: 22 Aug 2025 11:16

Tgt Ion:	180	Resp:	72121
Ion Ratio	Lower	Upper	
180	100		
182	99.0	46.8	140.3
145	36.3	17.3	52.0

