

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087808.D
 Acq On : 11 Sep 2025 18:53
 Operator : JC\MD
 Sample : VN0911WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS02

Quant Time: Sep 12 02:58:25 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)

Internal Standards						
1) Pentafluorobenzene	8.206	168	149844	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	281092	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	272562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	147013	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	222239	72.387	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 144.780%#	
35) Dibromofluoromethane	8.153	113	161035	79.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 158.700%#	
50) Toluene-d8	10.547	98	579094	76.237	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 152.480%#	
62) 4-Bromofluorobenzene	12.829	95	205488	76.068	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 152.140%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	54503	25.610	ug/l	94
3) Chloromethane	2.383	50	64365	29.429	ug/l	100
4) Vinyl Chloride	2.542	62	70630	27.852	ug/l	99
5) Bromomethane	2.983	94	25690	19.634	ug/l	91
6) Chloroethane	3.142	64	50317	28.231	ug/l	97
7) Trichlorofluoromethane	3.512	101	111447	29.997	ug/l	96
8) Diethyl Ether	3.965	74	46160	28.528	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	56789	27.013	ug/l	94
10) Methyl Iodide	4.583	142	25385	20.767	ug/l #	93
11) Tert butyl alcohol	5.530	59	81317	152.569	ug/l	99
12) 1,1-Dichloroethene	4.342	96	62318	28.846	ug/l	97
13) Acrolein	4.171	56	51711	78.920	ug/l	96
14) Allyl chloride	5.012	41	96694	24.699	ug/l	97
15) Acrylonitrile	5.706	53	236254	157.172	ug/l	97
16) Acetone	4.424	43	231795	138.693	ug/l	95
17) Carbon Disulfide	4.706	76	157129	26.419	ug/l	100
18) Methyl Acetate	5.018	43	132775	37.943	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	239277	29.524	ug/l	95
20) Methylene Chloride	5.271	84	74153	30.183	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	64930	27.731	ug/l	85
22) Diisopropyl ether	6.659	45	247665	29.315	ug/l	98
23) Vinyl Acetate	6.594	43	1091082	141.952	ug/l	100
24) 1,1-Dichloroethane	6.553	63	134532	29.043	ug/l	98
25) 2-Butanone	7.471	43	339945	154.606	ug/l	98
26) 2,2-Dichloropropane	7.471	77	87912	22.112	ug/l	97
27) cis-1,2-Dichloroethene	7.471	96	81448	29.098	ug/l	95
28) Bromochloromethane	7.800	49	63255	28.246	ug/l	98
29) Tetrahydrofuran	7.824	42	221114	156.260	ug/l	98
30) Chloroform	7.953	83	145941	30.867	ug/l	100
31) Cyclohexane	8.241	56	92945	24.069	ug/l	100
32) 1,1,1-Trichloroethane	8.153	97	119081	29.719	ug/l	96
36) 1,1-Dichloropropene	8.353	75	88399	28.392	ug/l	99
37) Ethyl Acetate	7.547	43	126271	29.679	ug/l	95
38) Carbon Tetrachloride	8.347	117	95546	31.082	ug/l	96
39) Methylcyclohexane	9.582	83	82066	23.941	ug/l	95
40) Benzene	8.588	78	293341	30.718	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	70150	31.831	ug/l	98
42) 1,2-Dichloroethane	8.653	62	113230	30.856	ug/l	99
43) Isopropyl Acetate	8.677	43	207388	31.222	ug/l	98
44) Trichloroethene	9.330	130	65022	29.824	ug/l	92
45) 1,2-Dichloropropane	9.606	63	76707	30.474	ug/l	93
46) Dibromomethane	9.694	93	56764	31.690	ug/l	95
47) Bromodichloromethane	9.871	83	123181	33.554	ug/l	96
48) Methyl methacrylate	9.665	41	94231	29.992	ug/l	96
49) 1,4-Dioxane	9.682	88	25712	631.386	ug/l #	84
51) 4-Methyl-2-Pentanone	10.424	43	687556	171.562	ug/l	100
52) Toluene	10.612	92	181985	30.740	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	111440	29.327	ug/l	97
54) cis-1,3-Dichloropropene	10.294	75	119590	30.310	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	75491	32.963	ug/l	97
56) Ethyl methacrylate	10.859	69	118299	32.322	ug/l	98
57) 1,3-Dichloropropane	11.141	76	129845	32.036	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	282515	142.614	ug/l	99
59) 2-Hexanone	11.177	43	436656	172.399	ug/l	99
60) Dibromochloromethane	11.335	129	88304	33.277	ug/l	100
61) 1,2-Dibromoethane	11.447	107	82199	34.039	ug/l	97
64) Tetrachloroethene	11.082	164	59685	31.563	ug/l	90
65) Chlorobenzene	11.871	112	200029	29.499	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.935	131	73064	32.456	ug/l	97
67) Ethyl Benzene	11.941	91	341307	29.071	ug/l	98
68) m/p-Xylenes	12.047	106	252714	58.691	ug/l	99
69) o-Xylene	12.376	106	129139	30.604	ug/l	93
70) Styrene	12.394	104	216897	30.681	ug/l	99
71) Bromoform	12.559	173	57284	33.179	ug/l #	97
73) Isopropylbenzene	12.671	105	311217	26.198	ug/l	100
74) N-amyl acetate	12.535	43	36536	8.116	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.918	83	127085	31.072	ug/l	99
76) 1,2,3-Trichloropropane	12.971	75	148241	42.999	ug/l	64
77) Bromobenzene	12.959	156	80174	28.623	ug/l	98
78) n-propylbenzene	13.012	91	388588	26.556	ug/l	99
79) 2-Chlorotoluene	13.100	91	245313	27.858	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	275761	27.363	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	25947	19.925	ug/l	98
82) 4-Chlorotoluene	13.200	91	254463	27.485	ug/l	99
83) tert-Butylbenzene	13.412	119	233888	27.851	ug/l	96
84) 1,2,4-Trimethylbenzene	13.459	105	281777	27.931	ug/l	99
85) sec-Butylbenzene	13.594	105	335951	26.957	ug/l	99
86) p-Isopropyltoluene	13.706	119	273836	26.610	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	157698	28.589	ug/l	97
88) 1,4-Dichlorobenzene	13.788	146	161904	28.205	ug/l	98
89) n-Butylbenzene	14.035	91	261342	25.571	ug/l	98
90) Hexachloroethane	14.312	117	47860	24.411	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	156427	29.892	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	27316	28.115	ug/l	92
93) 1,2,4-Trichlorobenzene	15.364	180	87960	27.991	ug/l	99
94) Hexachlorobutadiene	15.476	225	32646	29.141	ug/l	97
95) Naphthalene	15.612	128	311153	27.955	ug/l	98
96) 1,2,3-Trichlorobenzene	15.812	180	87263	28.406	ug/l	99

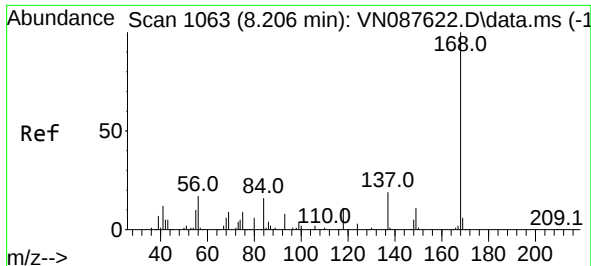
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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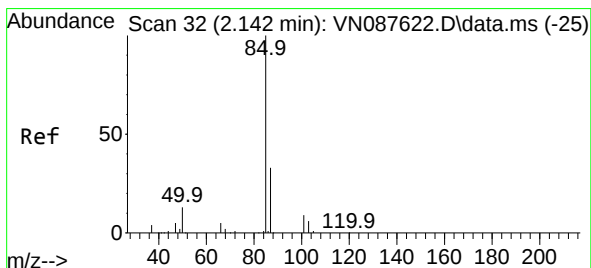
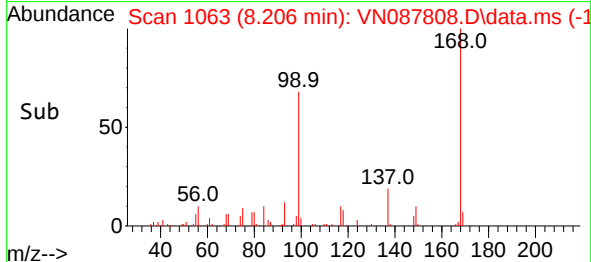
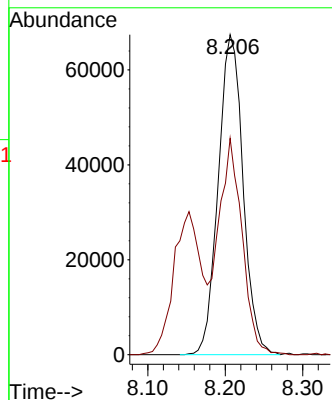
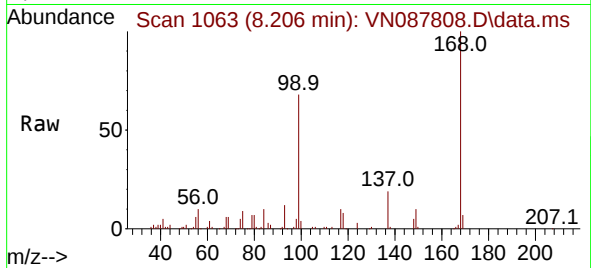
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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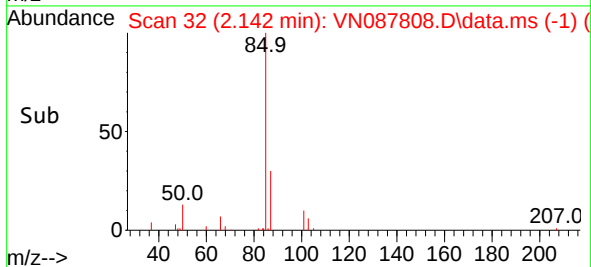
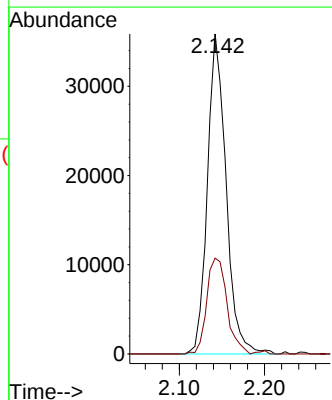
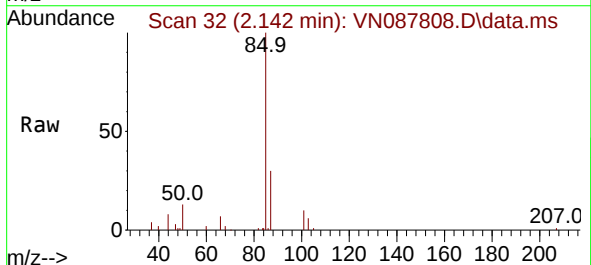
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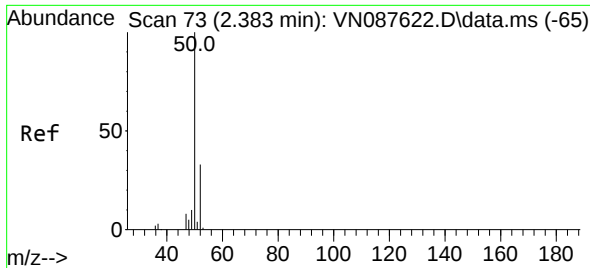
Tgt Ion:168 Resp: 149844
Ion Ratio Lower Upper
168 100
99 67.1 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 25.610 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 85 Resp: 54503
Ion Ratio Lower Upper
85 100
87 30.0 16.6 49.8

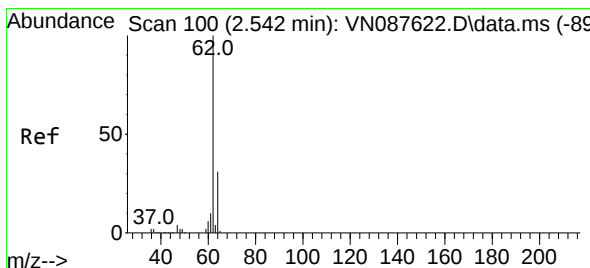
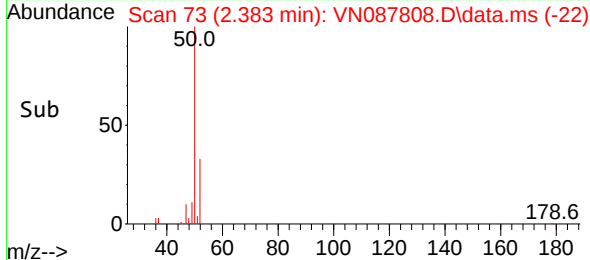
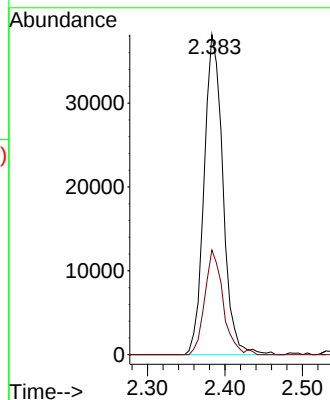
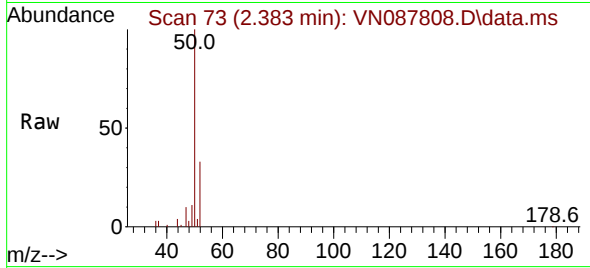




#3
Chloromethane
Concen: 29.429 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

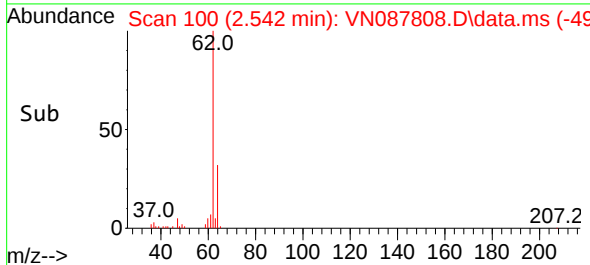
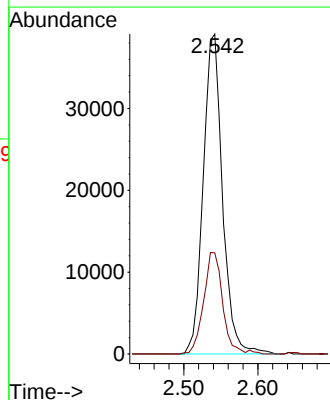
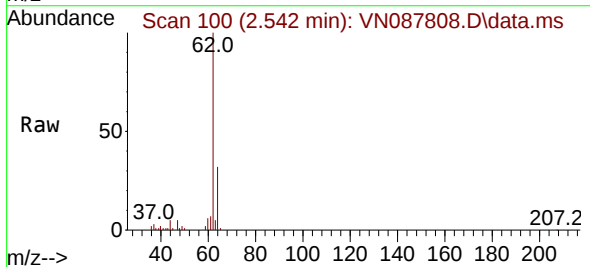
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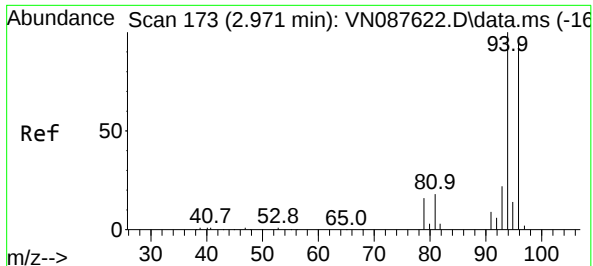
Tgt Ion: 50 Resp: 64365
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.4



#4
Vinyl Chloride
Concen: 27.852 ug/l
RT: 2.542 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN087808.D
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Tgt Ion: 62 Resp: 70630
Ion Ratio Lower Upper
62 100
64 31.6 24.6 37.0

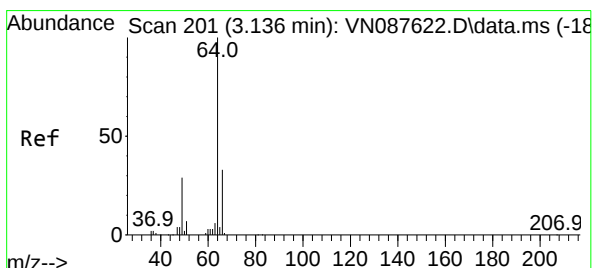
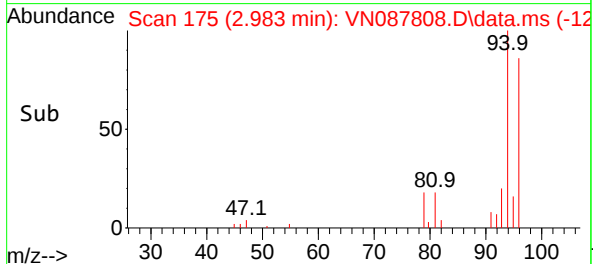
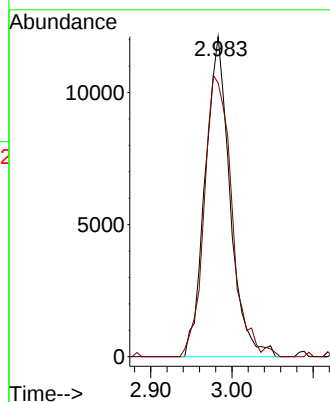
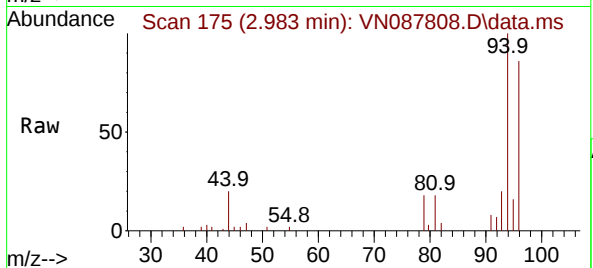




#5
Bromomethane
Concen: 19.634 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

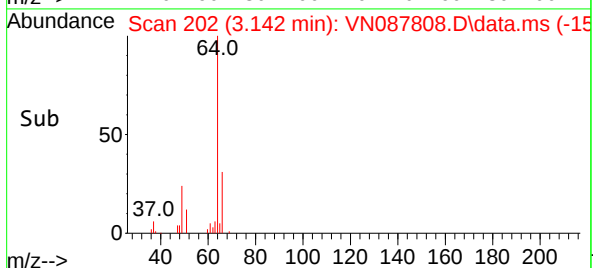
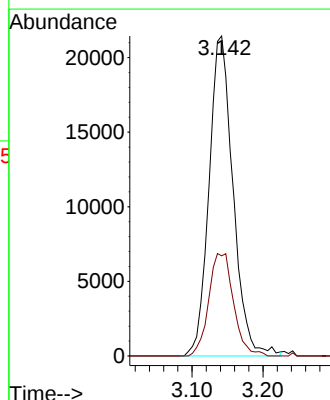
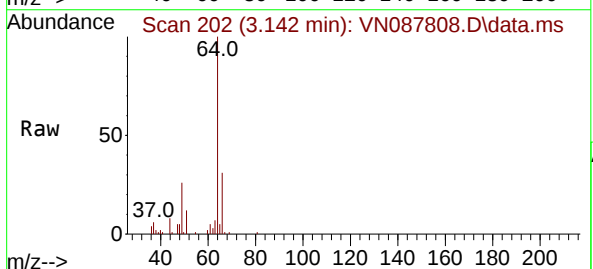
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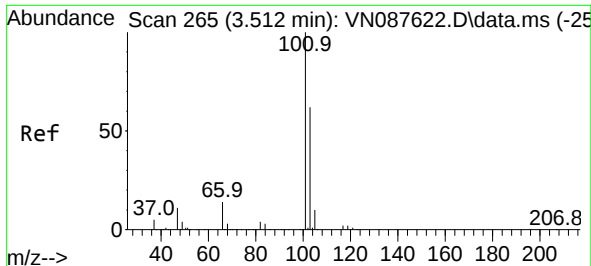
Tgt Ion: 94 Resp: 25690
Ion Ratio Lower Upper
94 100
96 85.6 75.4 113.2



#6
Chloroethane
Concen: 28.231 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 64 Resp: 50317
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.2

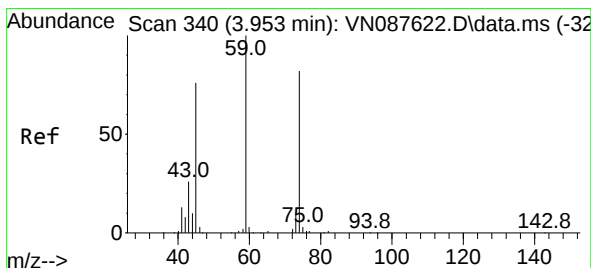
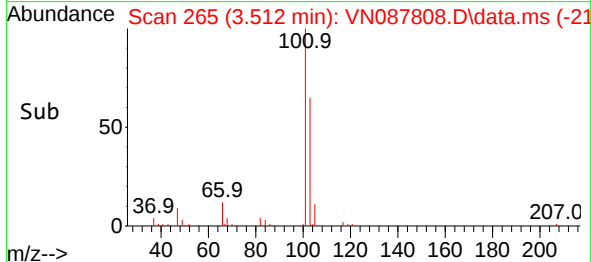
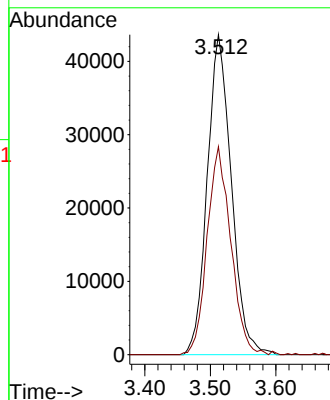
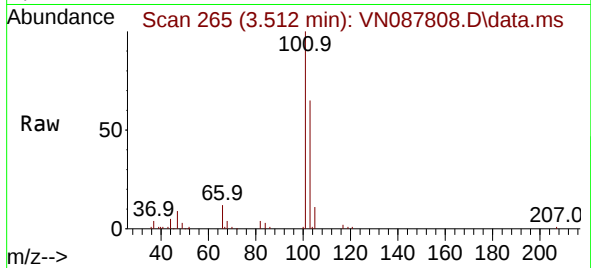




#7
 Trichlorofluoromethane
 Concen: 29.997 ug/l
 RT: 3.512 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN087808.D
 Acq: 11 Sep 2025 18:53

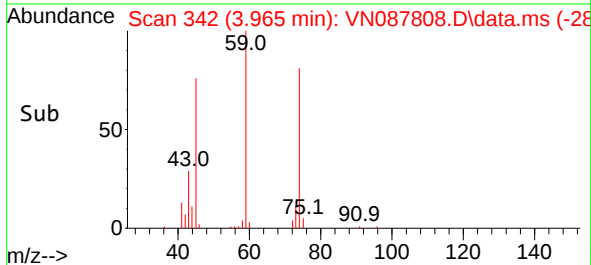
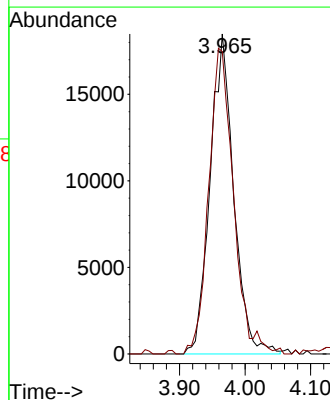
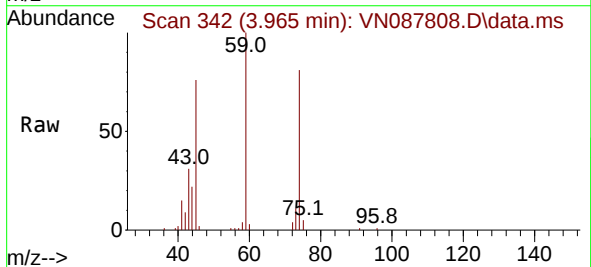
Instrument :
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 VN0911WBS02

Tgt Ion:101 Resp: 111447
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.4 74.0



#8
 Diethyl Ether
 Concen: 28.528 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087808.D
 Acq: 11 Sep 2025 18:53

Tgt Ion: 74 Resp: 46160
 Ion Ratio Lower Upper
 74 100
 45 97.6 50.6 151.9

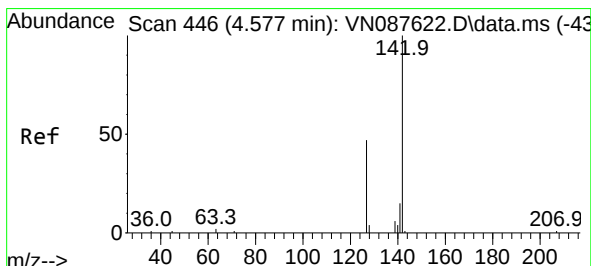
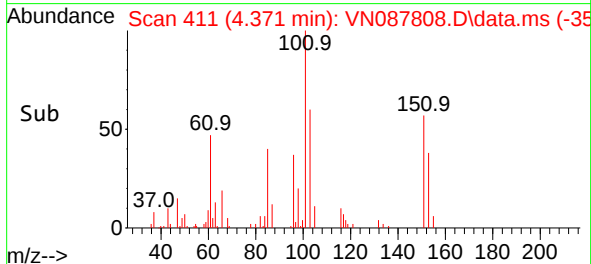
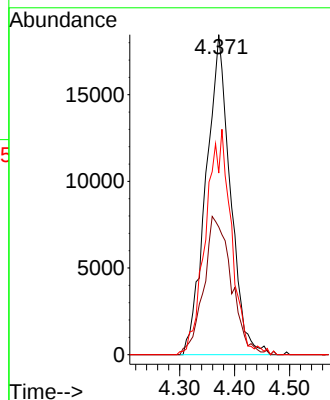
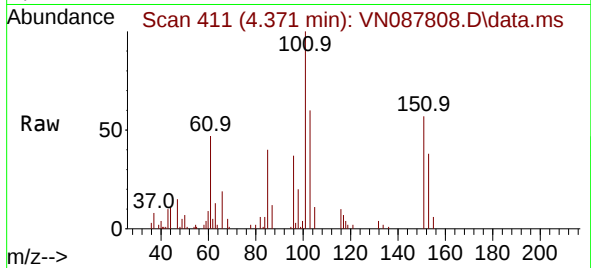




#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.013 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN087808.D
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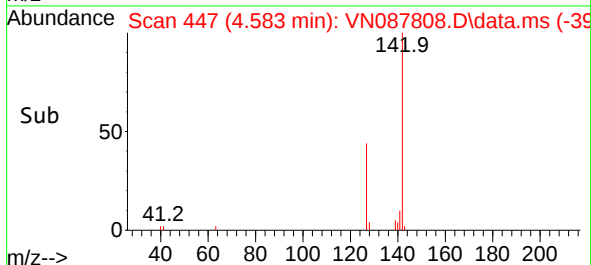
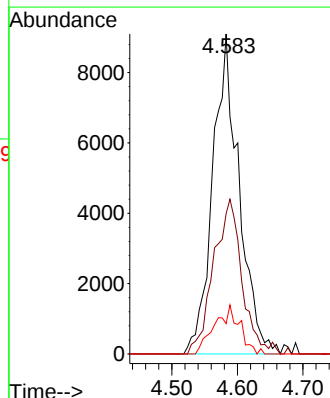
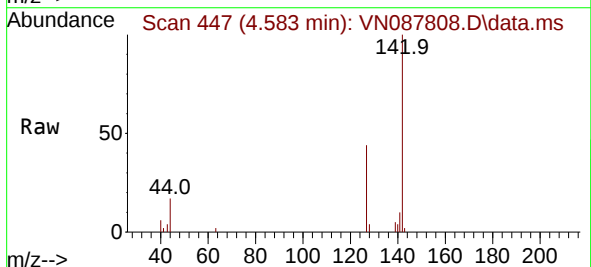
Instrument :
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ClientSampleId :
VN0911WBS02

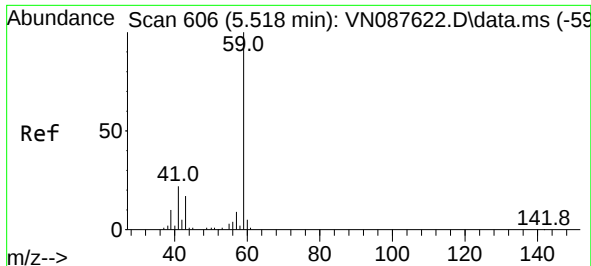
Tgt Ion:101 Resp: 56789
Ion Ratio Lower Upper
101 100
85 49.0 36.6 55.0
151 74.4 54.7 82.1



#10
Methyl Iodide
Concen: 20.767 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion:142 Resp: 25385
Ion Ratio Lower Upper
142 100
127 43.9 38.0 57.0
141 9.5 12.0 18.0#

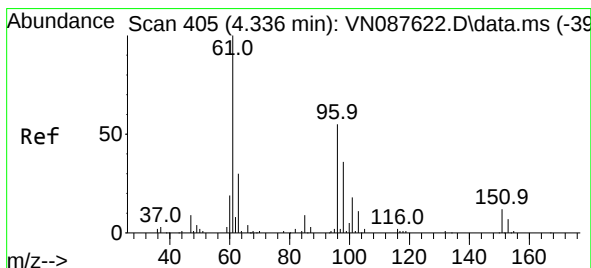
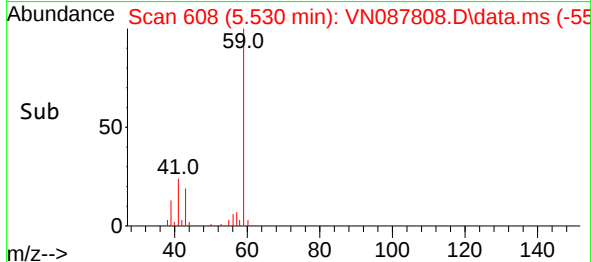
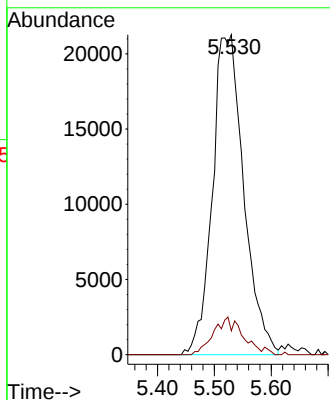
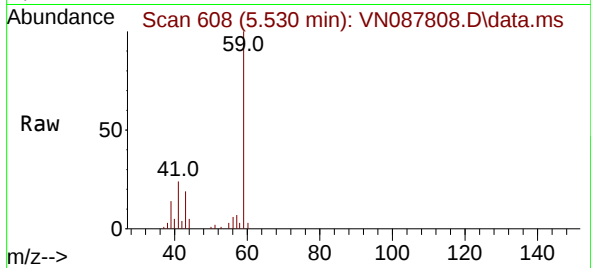




#11
Tert butyl alcohol
Concen: 152.569 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

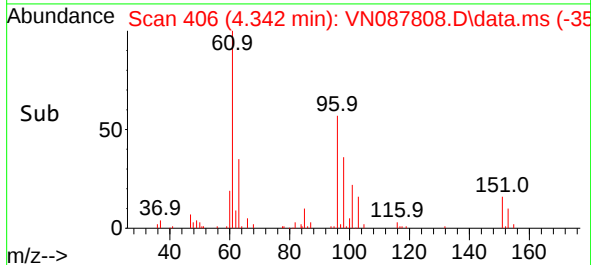
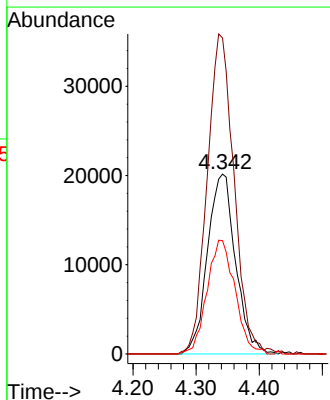
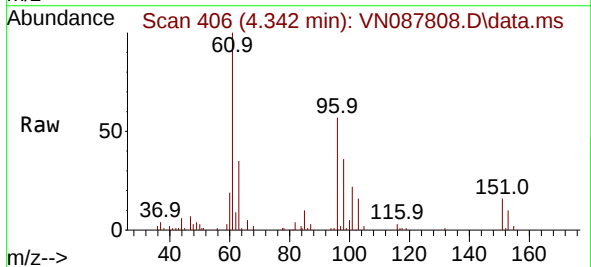
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

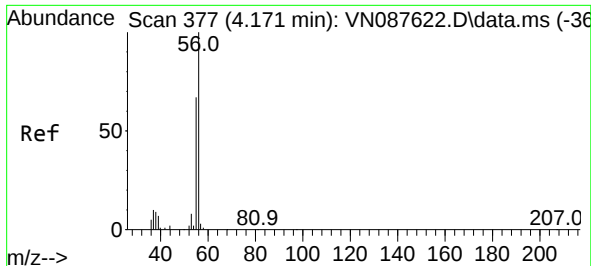
Tgt Ion: 59 Resp: 81317
Ion Ratio Lower Upper
59 100
57 10.8 9.0 13.4



#12
1,1-Dichloroethene
Concen: 28.846 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 96 Resp: 62318
Ion Ratio Lower Upper
96 100
61 175.8 143.8 215.8
98 63.0 52.1 78.1

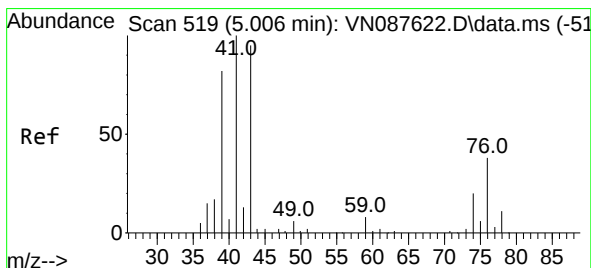
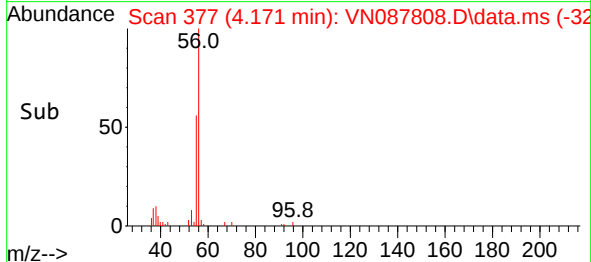
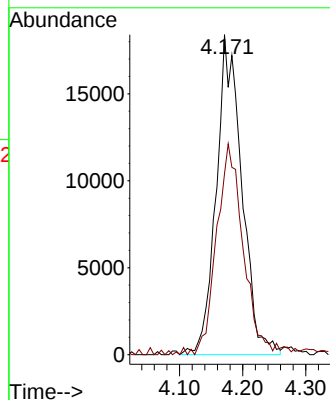
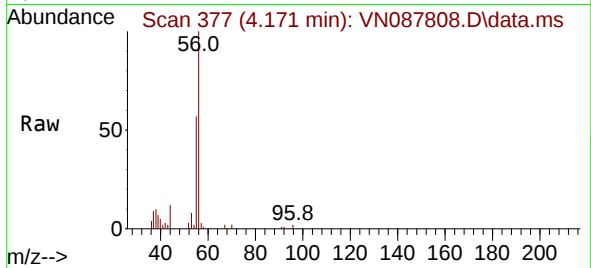




#13
Acrolein
Concen: 78.920 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

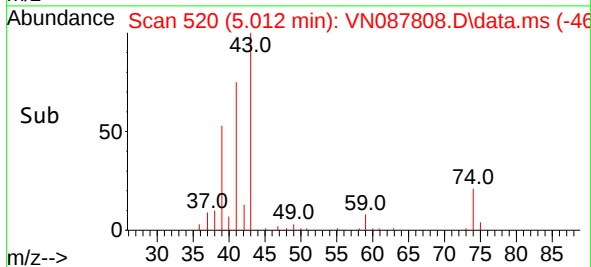
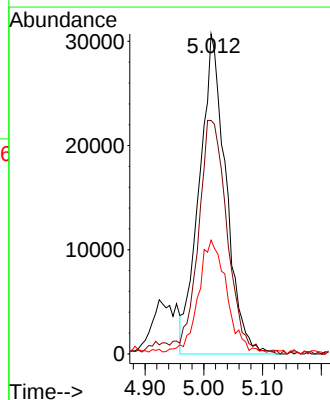
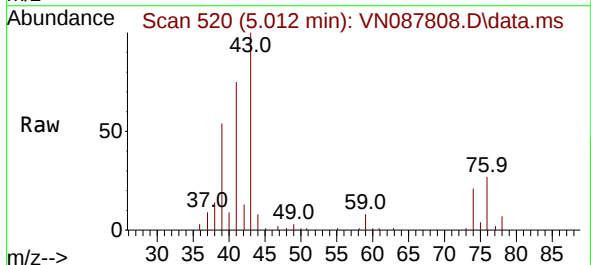
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

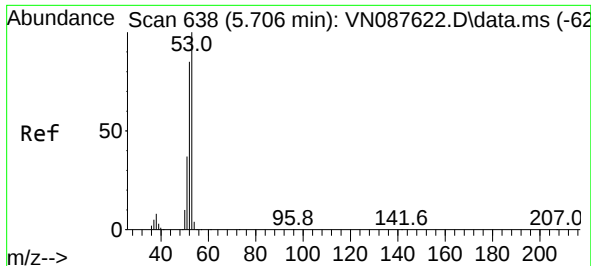
Tgt Ion: 56 Resp: 51711
Ion Ratio Lower Upper
56 100
55 68.0 57.3 85.9



#14
Allyl chloride
Concen: 24.699 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 41 Resp: 96694
Ion Ratio Lower Upper
41 100
39 77.4 63.9 95.9
76 36.9 28.1 42.1

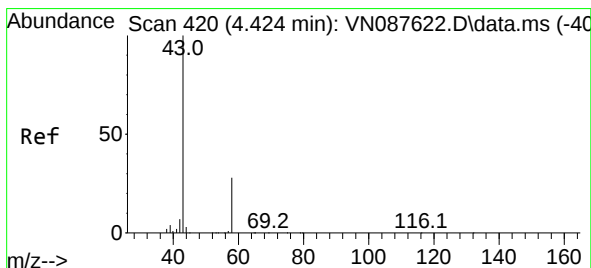
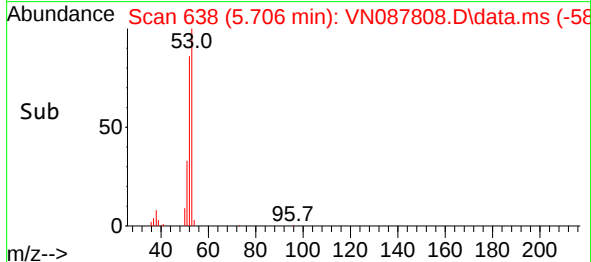
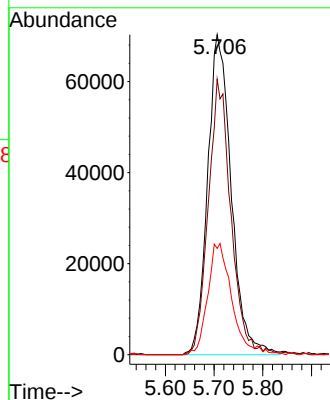
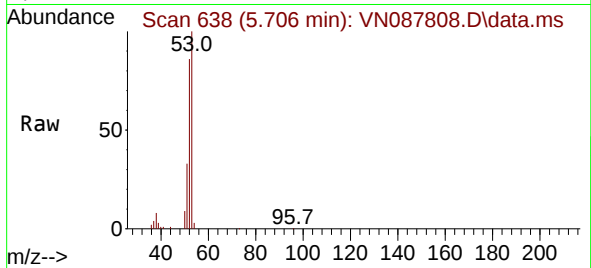




#15
Acrylonitrile
Concen: 157.172 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

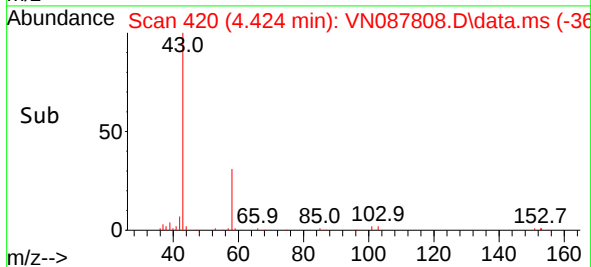
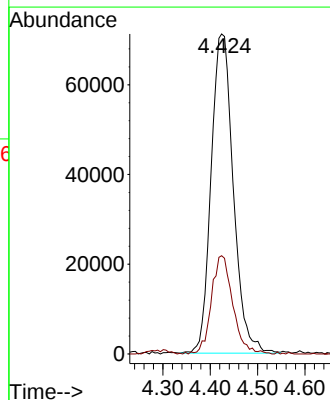
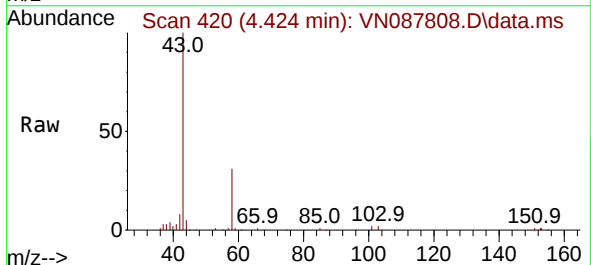
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

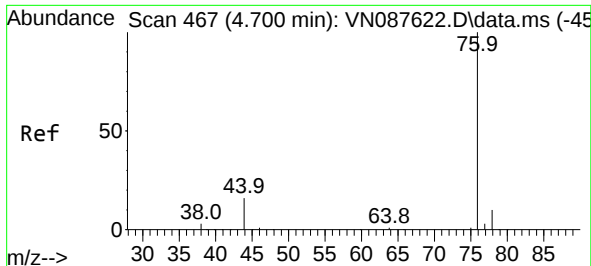
Tgt Ion: 53 Resp: 236254
Ion Ratio Lower Upper
53 100
52 82.4 67.6 101.4
51 35.7 30.1 45.1



#16
Acetone
Concen: 138.693 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 43 Resp: 231795
Ion Ratio Lower Upper
43 100
58 30.8 22.6 33.8

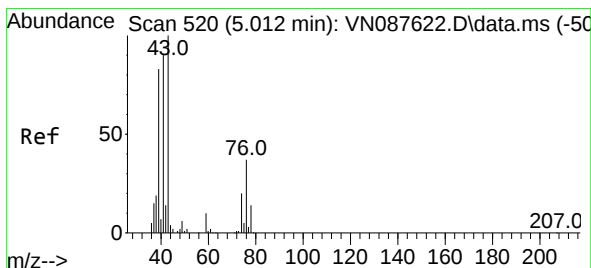
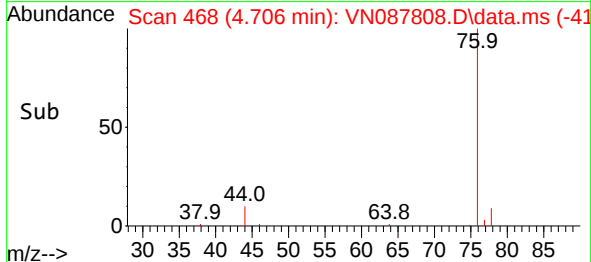
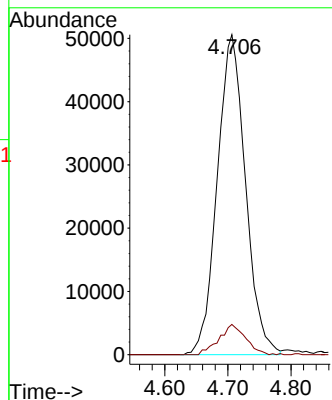
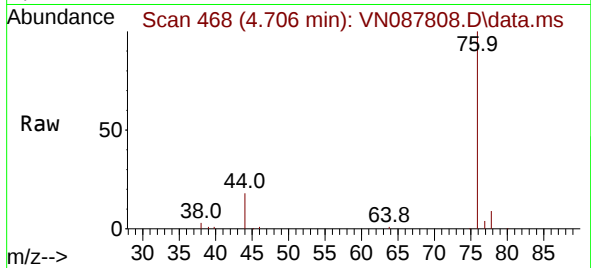




#17
Carbon Disulfide
Concen: 26.419 ug/l
RT: 4.706 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

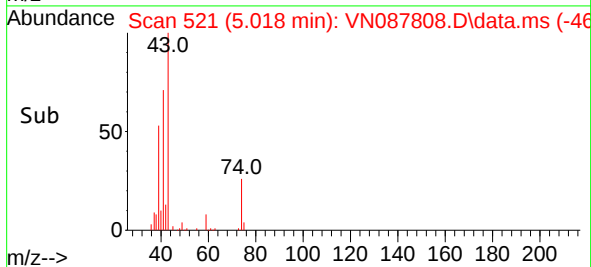
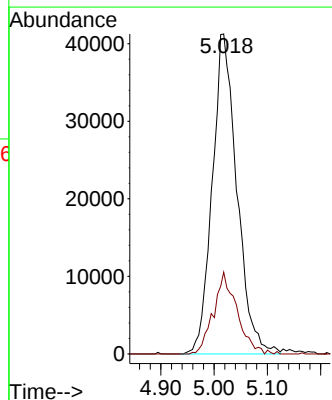
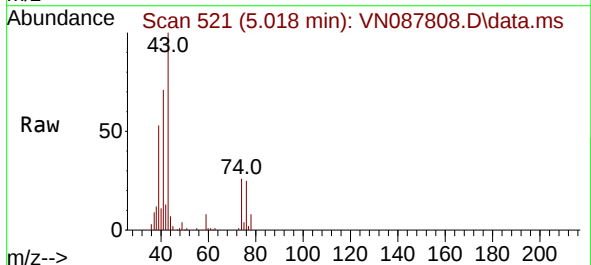
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

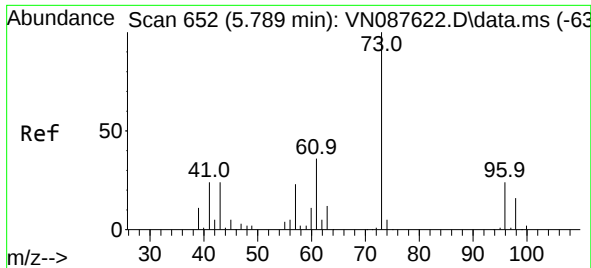
Tgt Ion: 76 Resp: 157129
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4



#18
Methyl Acetate
Concen: 37.943 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 43 Resp: 132775
Ion Ratio Lower Upper
43 100
74 24.3 17.6 26.4

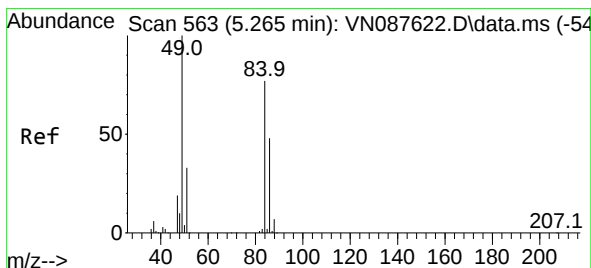
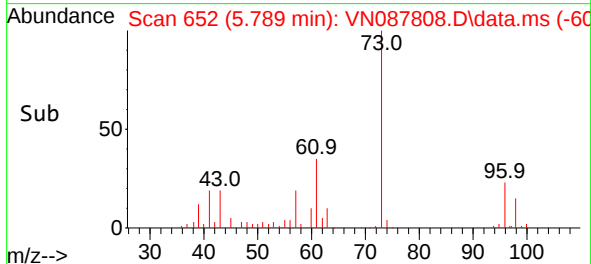
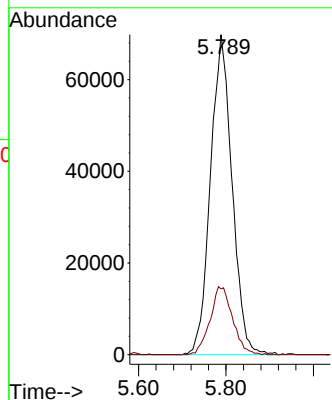
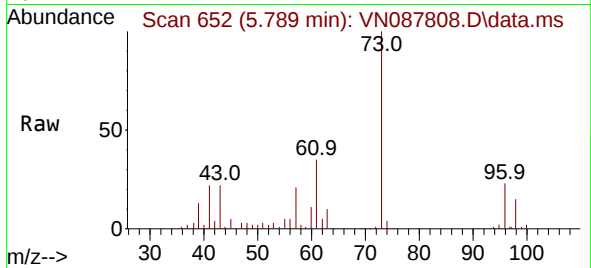




#19
Methyl tert-butyl Ether
Concen: 29.524 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

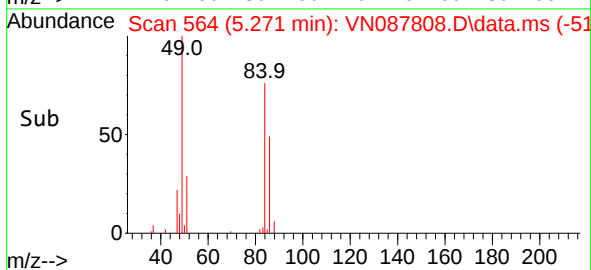
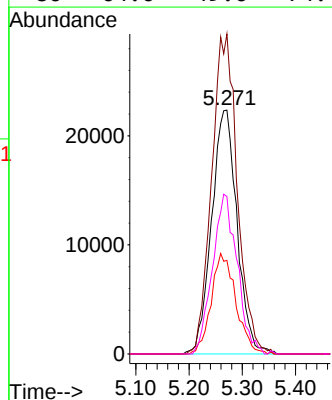
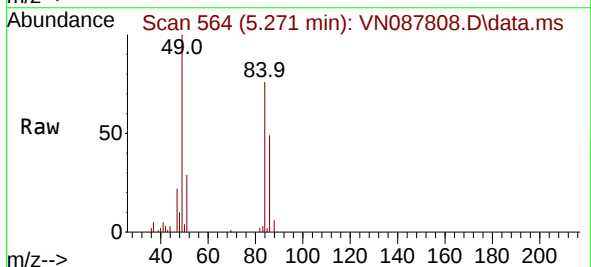
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

Tgt Ion: 73 Resp: 239277
Ion Ratio Lower Upper
73 100
57 20.5 18.4 27.6



#20
Methylene Chloride
Concen: 30.183 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 84 Resp: 74153
Ion Ratio Lower Upper
84 100
49 131.2 103.4 155.2
51 38.4 33.8 50.8
86 64.6 49.6 74.4

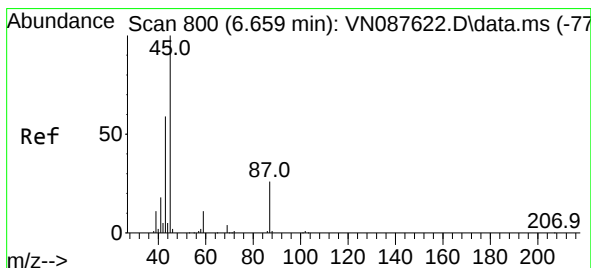
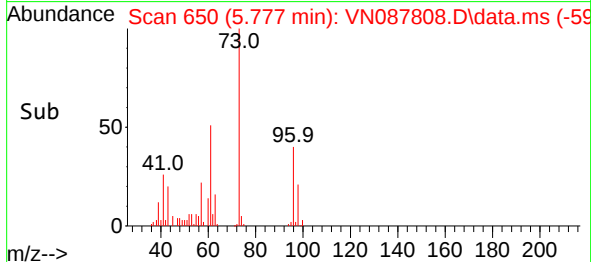
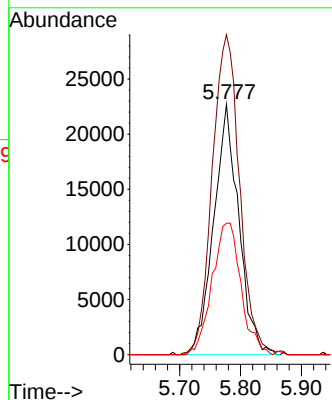
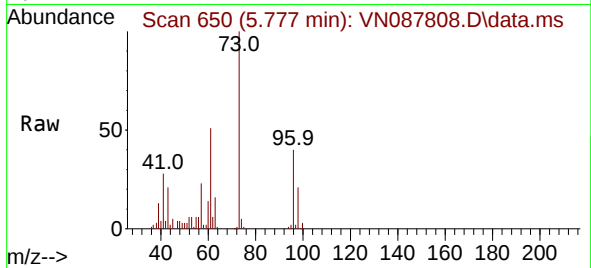




#21
trans-1,2-Dichloroethene
Concen: 27.731 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

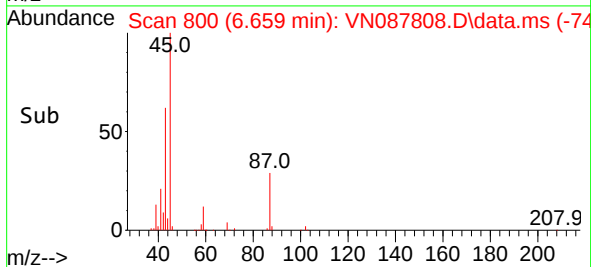
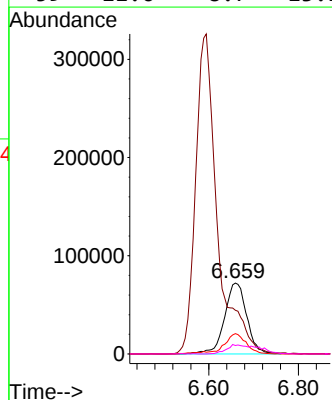
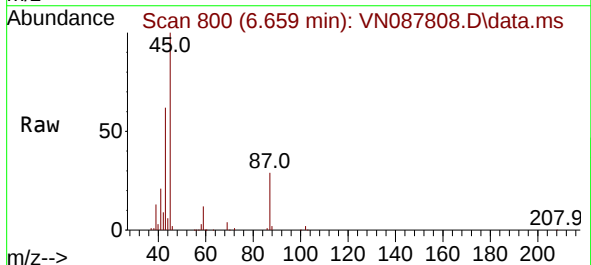
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

Tgt Ion: 96 Resp: 64930
Ion Ratio Lower Upper
96 100
61 127.8 118.0 177.0
98 52.5 50.0 75.0



#22
Diisopropyl ether
Concen: 29.315 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 45 Resp: 247665
Ion Ratio Lower Upper
45 100
43 60.3 47.7 71.5
87 28.5 21.4 32.0
59 11.6 8.7 13.1

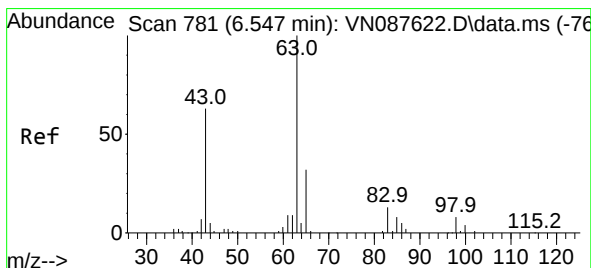
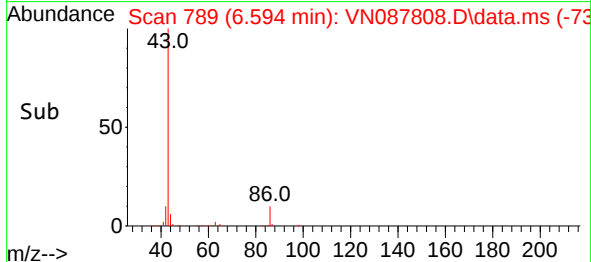
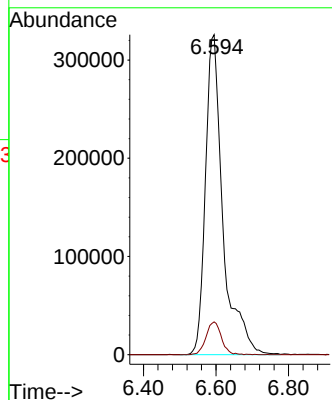
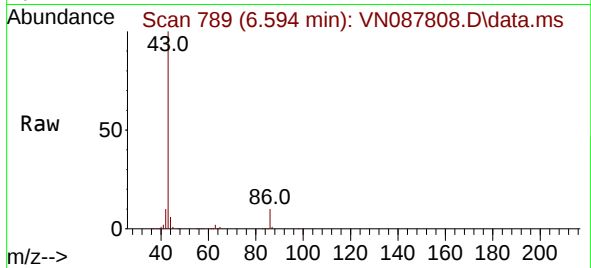




#23
 Vinyl Acetate
 Concen: 141.952 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN087808.D
 Acq: 11 Sep 2025 18:53

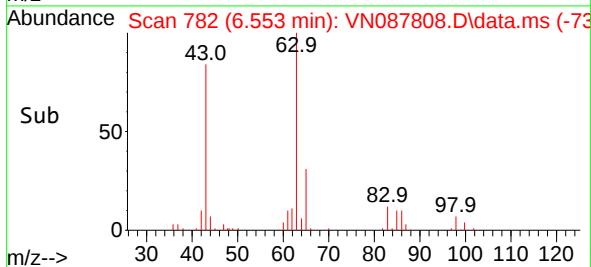
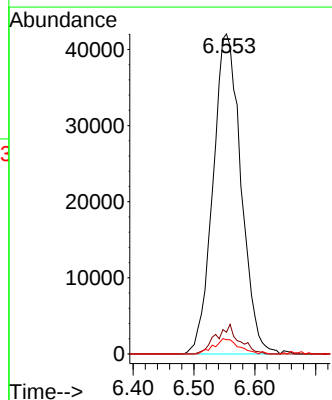
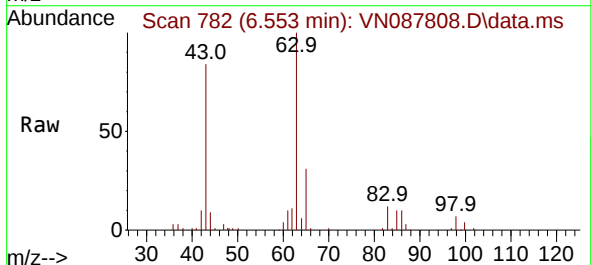
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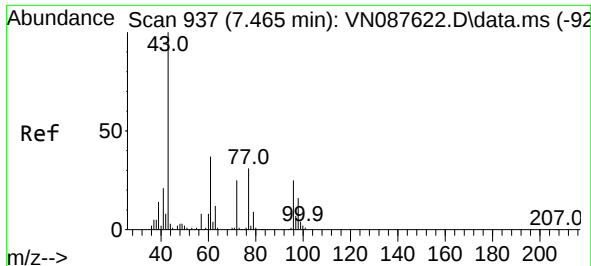
Tgt Ion: 43 Resp: 1091082
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 29.043 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087808.D
 Acq: 11 Sep 2025 18:53

Tgt Ion: 63 Resp: 134532
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.5 2.0 6.0

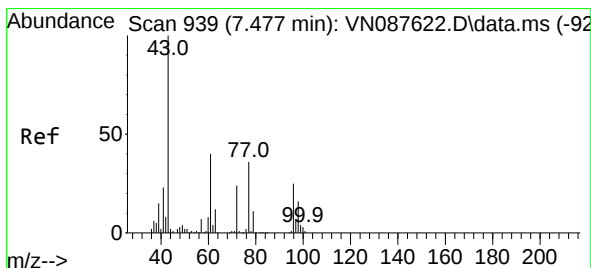
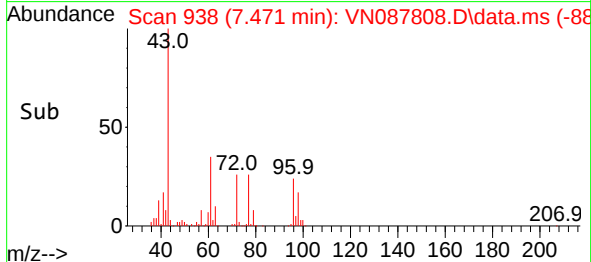
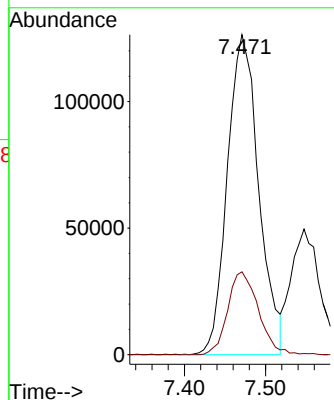
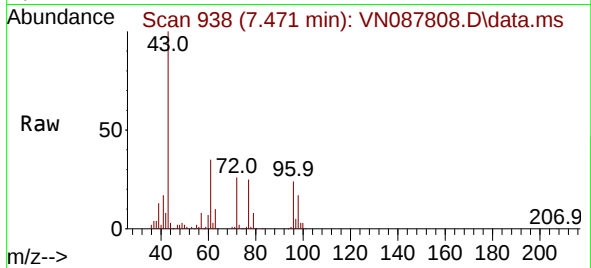




#25
2-Butanone
Concen: 154.606 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

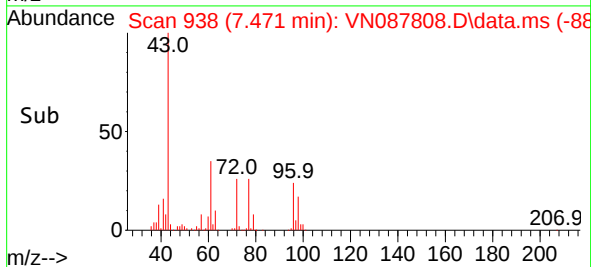
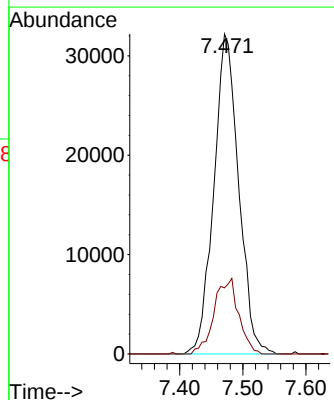
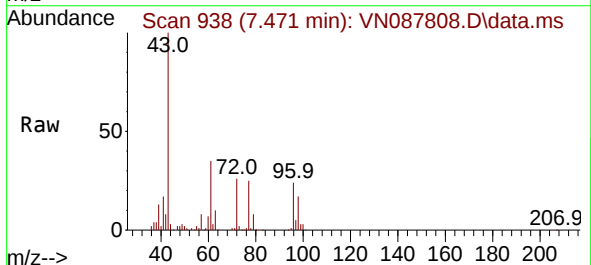
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

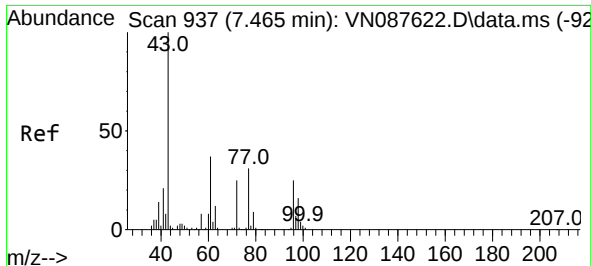
Tgt Ion: 43 Resp: 339945
Ion Ratio Lower Upper
43 100
72 25.9 19.9 29.9



#26
2,2-Dichloropropane
Concen: 22.112 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 77 Resp: 87912
Ion Ratio Lower Upper
77 100
97 23.3 10.9 32.7

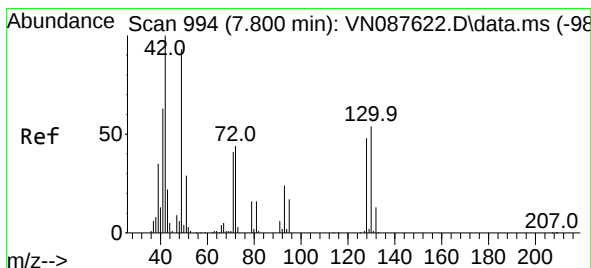
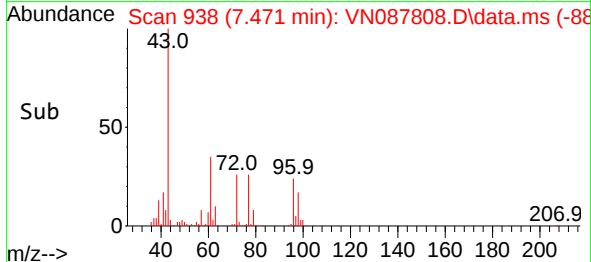
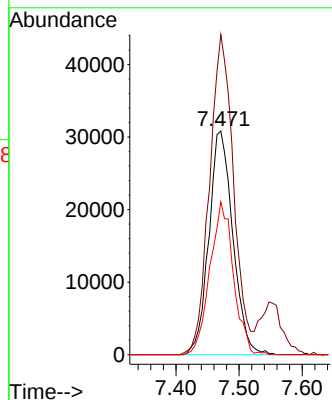
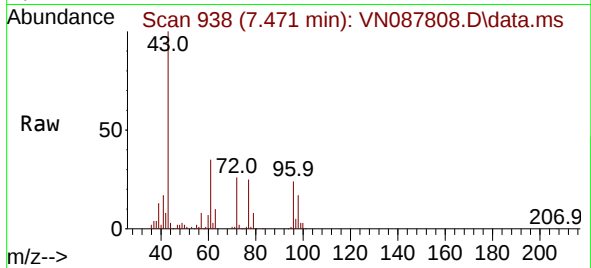




#27
 cis-1,2-Dichloroethene
 Concen: 29.098 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VN087808.D
 Acq: 11 Sep 2025 18:53

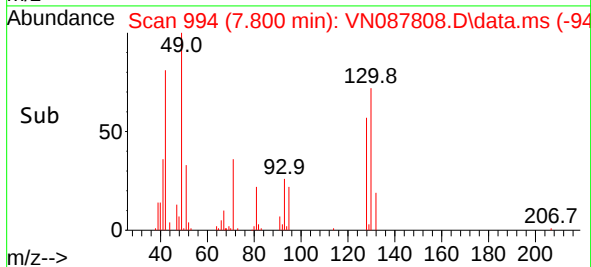
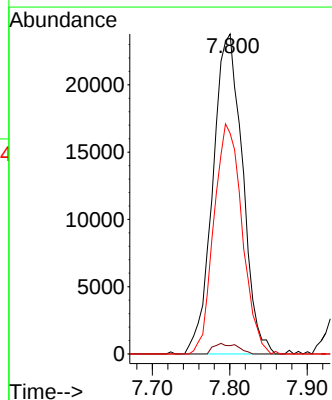
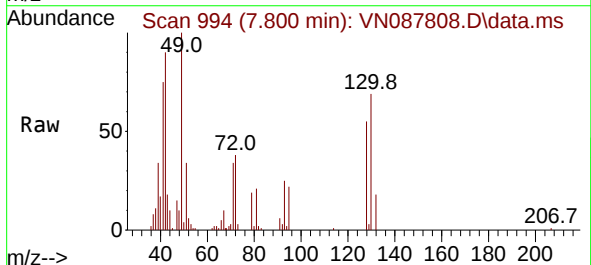
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS02

Tgt Ion: 96 Resp: 81448
 Ion Ratio Lower Upper
 96 100
 61 143.6 0.0 301.8
 98 66.9 0.0 126.2



#28
 Bromochloromethane
 Concen: 28.246 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087808.D
 Acq: 11 Sep 2025 18:53

Tgt Ion: 49 Resp: 63255
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 3.0
 130 68.4 53.1 79.7





#29

Tetrahydrofuran

Concen: 156.260 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS02

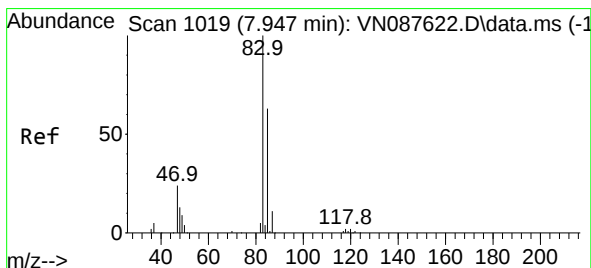
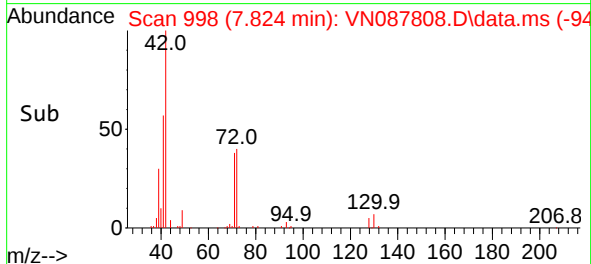
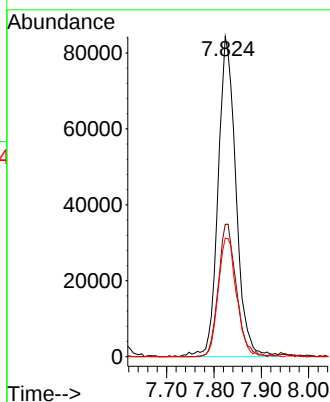
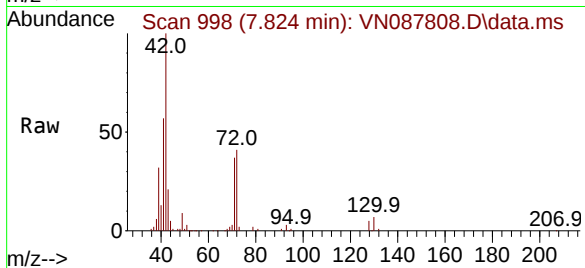
Tgt Ion: 42 Resp: 221114

Ion Ratio Lower Upper

42 100

72 41.5 33.7 50.5

71 38.2 31.9 47.9



#30

Chloroform

Concen: 30.867 ug/l

RT: 7.953 min Scan# 1020

Delta R.T. 0.006 min

Lab File: VN087808.D

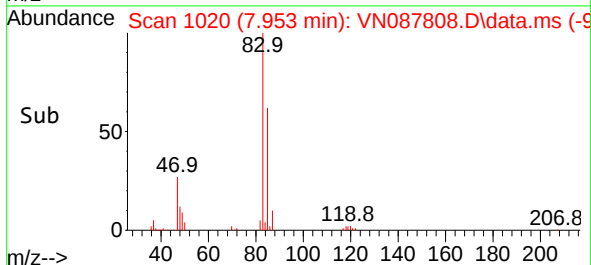
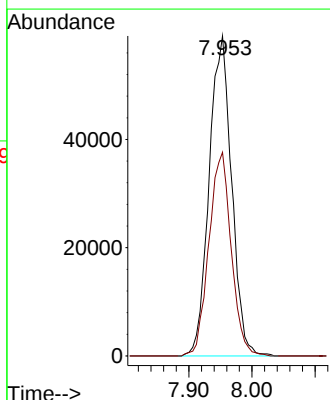
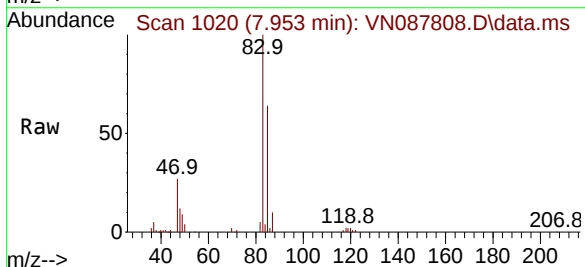
Acq: 11 Sep 2025 18:53

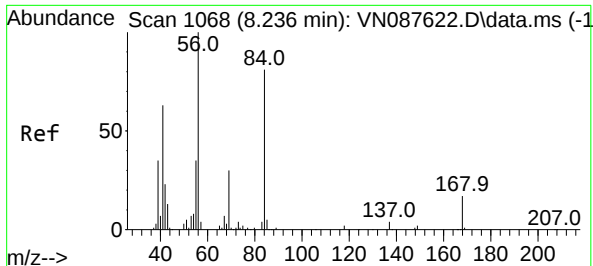
Tgt Ion: 83 Resp: 145941

Ion Ratio Lower Upper

83 100

85 63.6 50.7 76.1





#31

Cyclohexane

Concen: 24.069 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS02

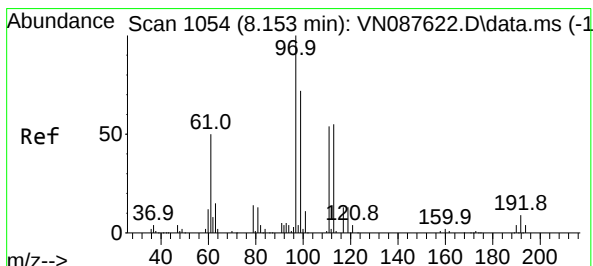
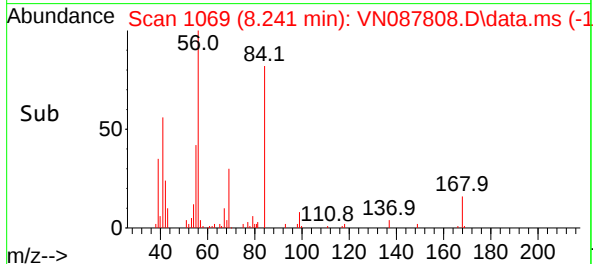
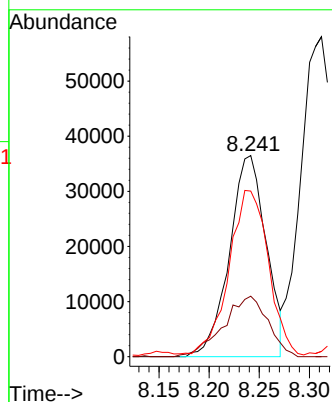
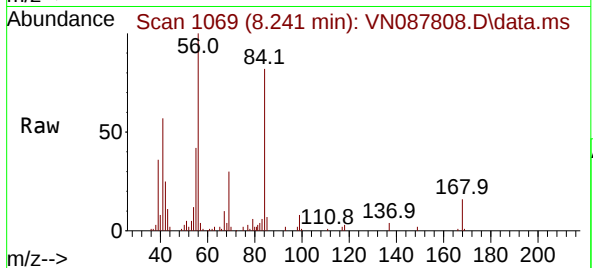
Tgt Ion: 56 Resp: 92945

Ion Ratio Lower Upper

56 100

69 29.3 23.7 35.5

84 80.9 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 29.719 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

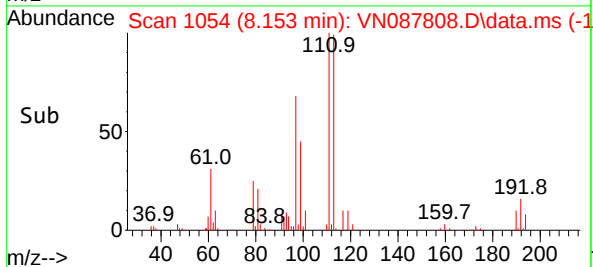
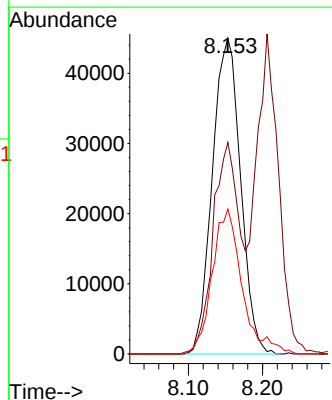
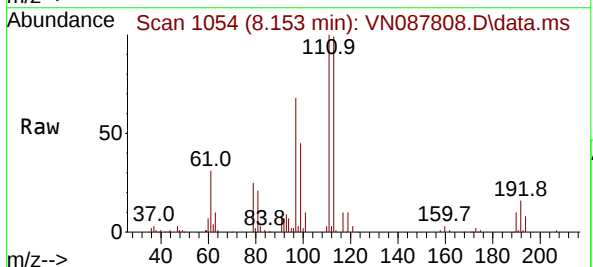
Tgt Ion: 97 Resp: 119081

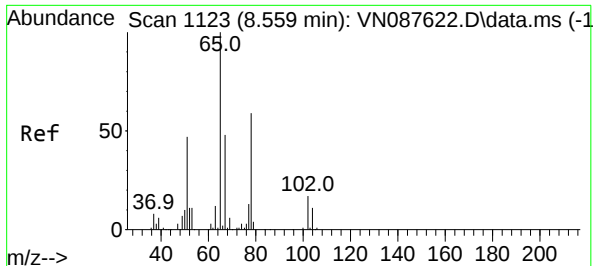
Ion Ratio Lower Upper

97 100

99 62.5 52.2 78.2

61 48.5 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 72.387 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

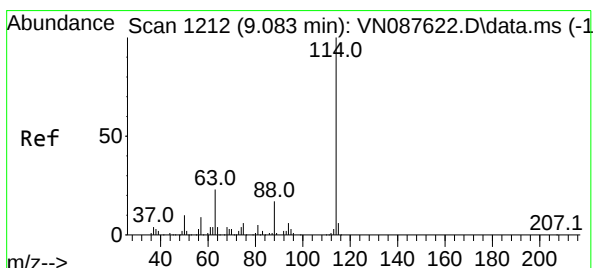
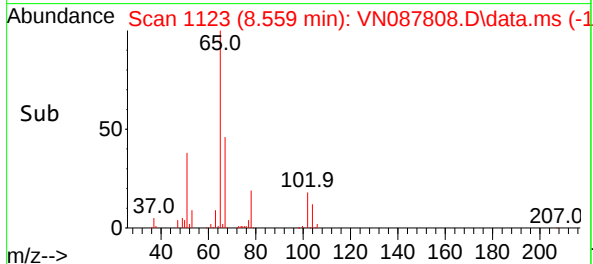
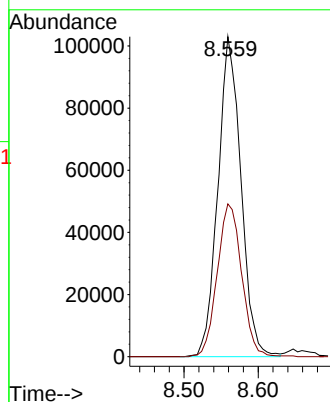
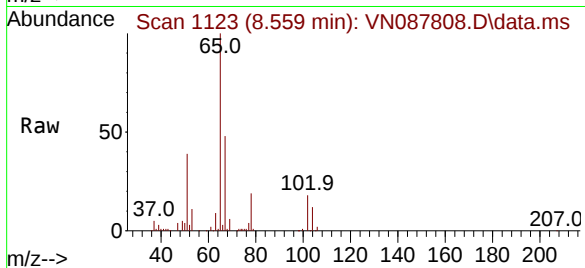
VN0911WBS02

Tgt Ion: 65 Resp: 222239

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

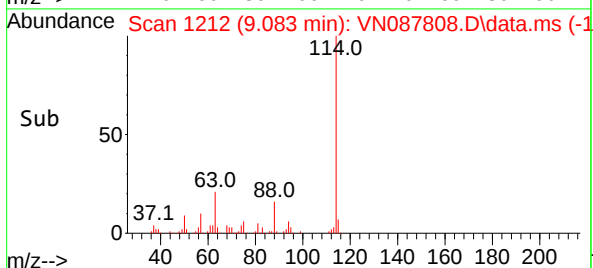
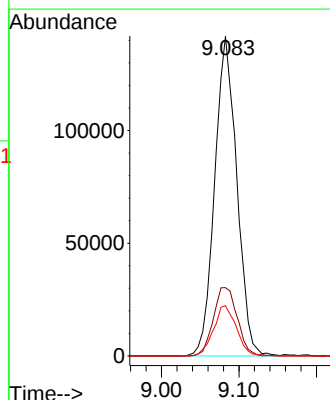
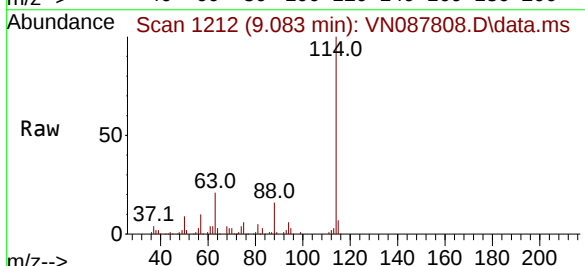
Tgt Ion: 114 Resp: 281092

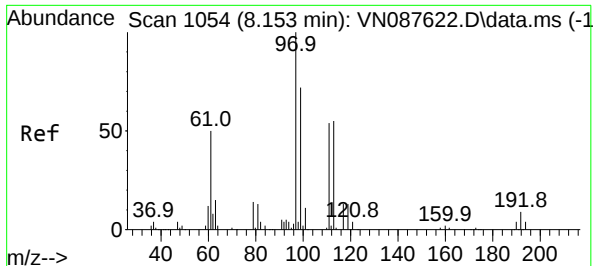
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 79.348 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS02

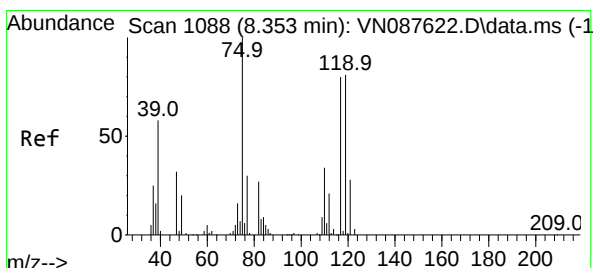
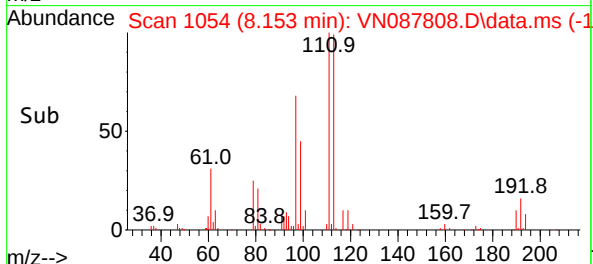
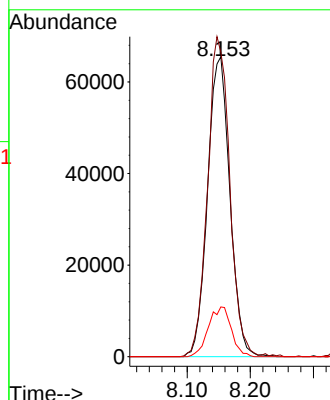
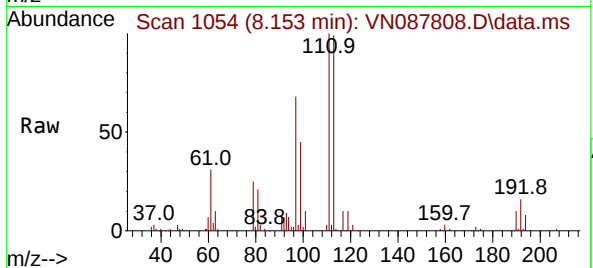
Tgt Ion:113 Resp: 161035

Ion Ratio Lower Upper

113 100

111 105.6 82.8 124.2

192 17.0 12.8 19.2



#36

1,1-Dichloropropene

Concen: 28.392 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

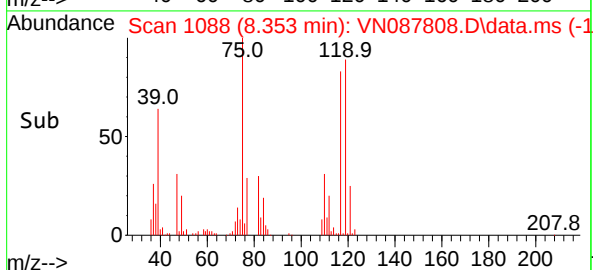
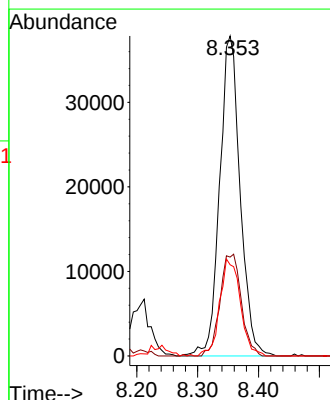
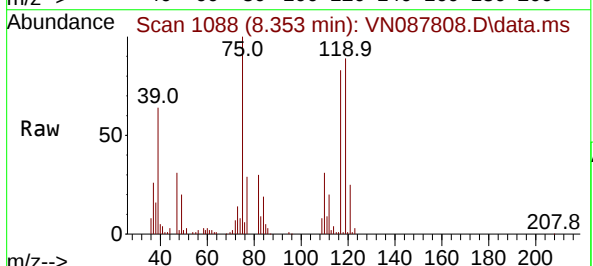
Tgt Ion: 75 Resp: 88399

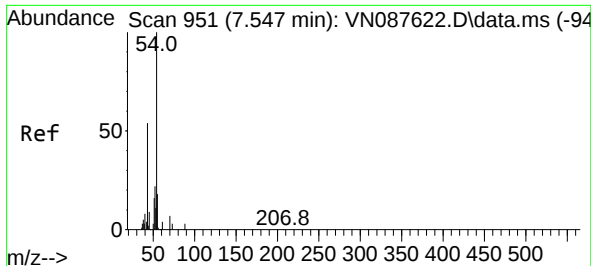
Ion Ratio Lower Upper

75 100

110 33.0 15.9 47.6

77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 29.679 ug/l

RT: 7.547 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS02

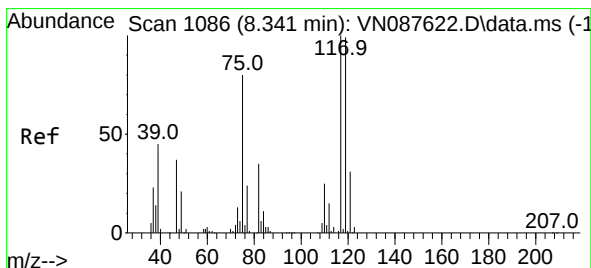
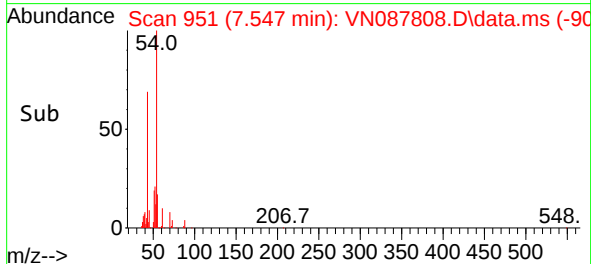
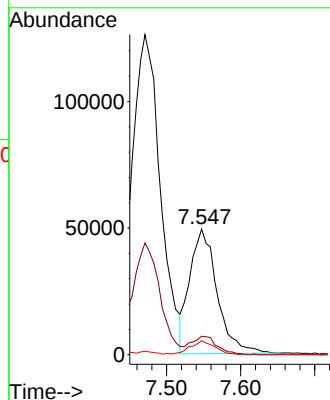
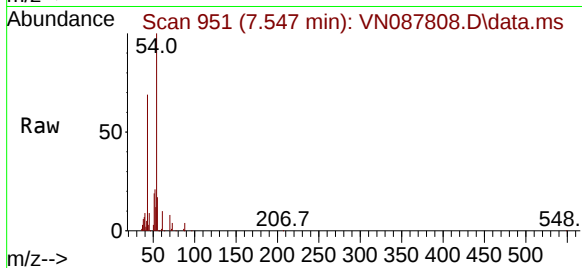
Tgt Ion: 43 Resp: 126271

Ion Ratio Lower Upper

43 100

61 13.7 9.3 13.9

70 10.1 7.0 10.6



#38

Carbon Tetrachloride

Concen: 31.082 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. 0.006 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

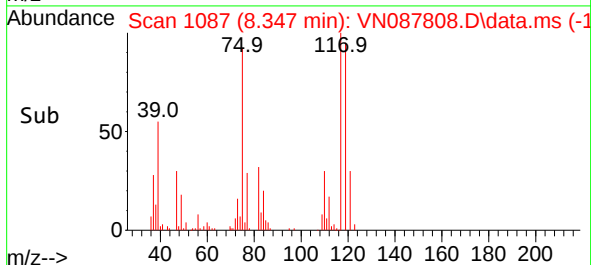
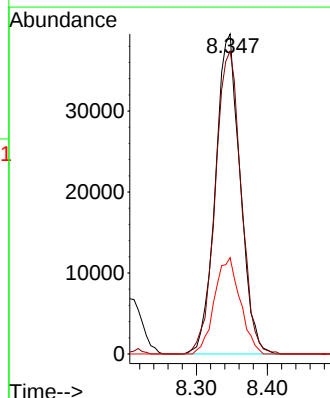
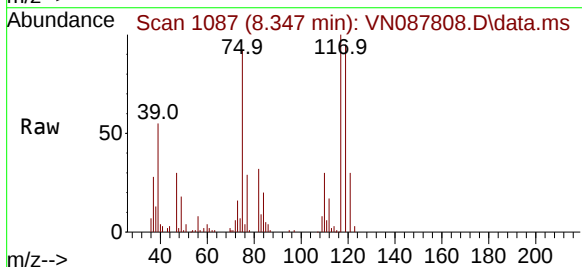
Tgt Ion: 117 Resp: 95546

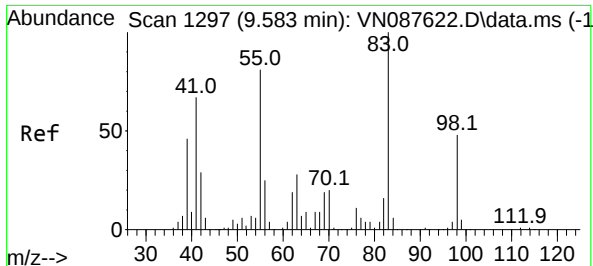
Ion Ratio Lower Upper

117 100

119 94.7 79.0 118.6

121 30.1 25.0 37.6





#39

Methylcyclohexane

Concen: 23.941 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS02

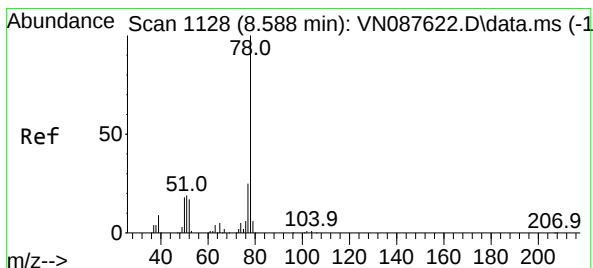
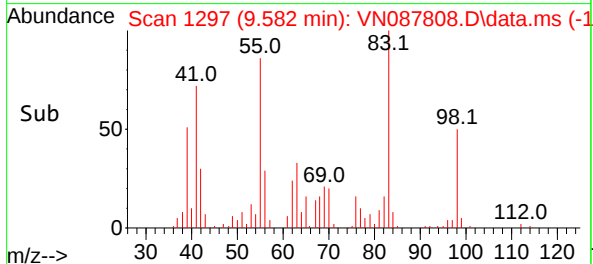
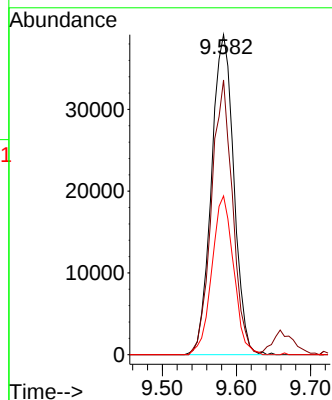
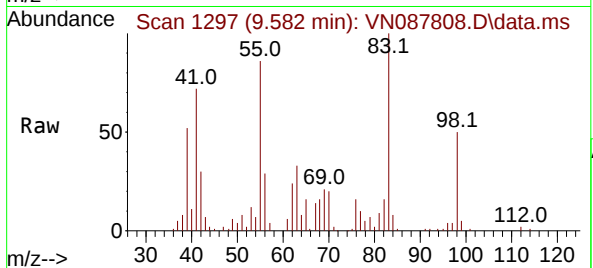
Tgt Ion: 83 Resp: 82066

Ion Ratio Lower Upper

83 100

55 85.8 64.6 96.8

98 49.6 38.4 57.6



#40

Benzene

Concen: 30.718 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087808.D

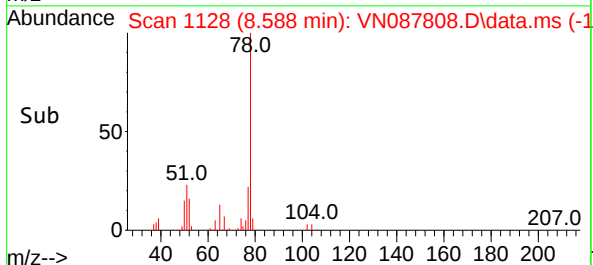
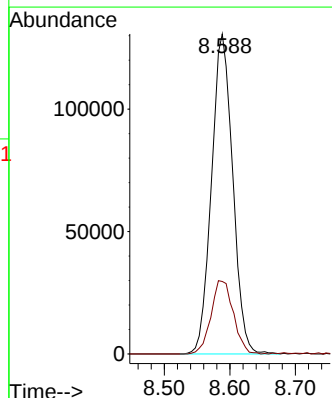
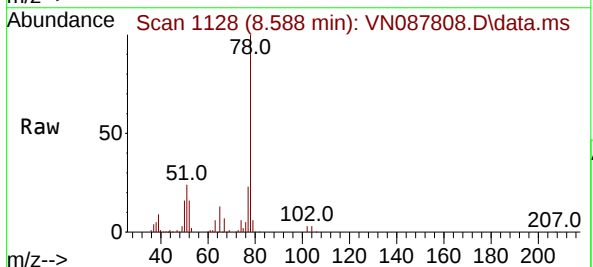
Acq: 11 Sep 2025 18:53

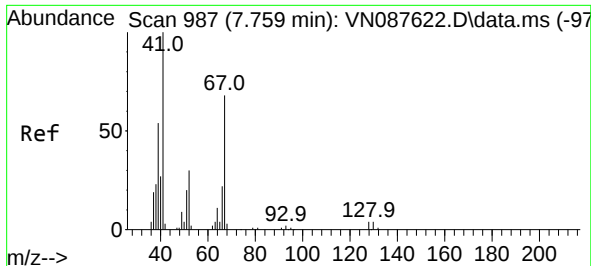
Tgt Ion: 78 Resp: 293341

Ion Ratio Lower Upper

78 100

77 22.6 19.7 29.5

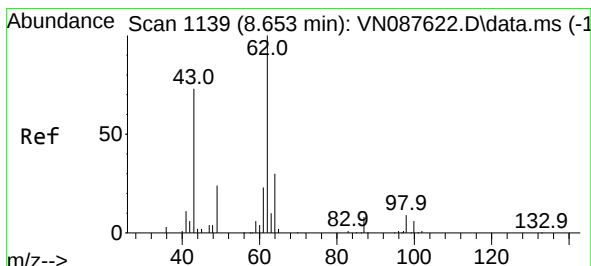
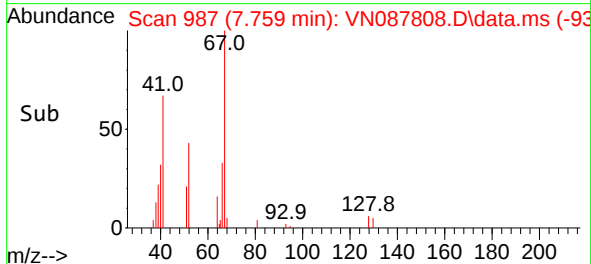
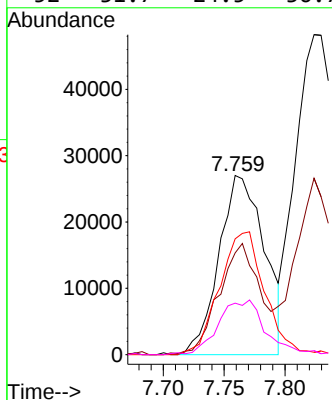
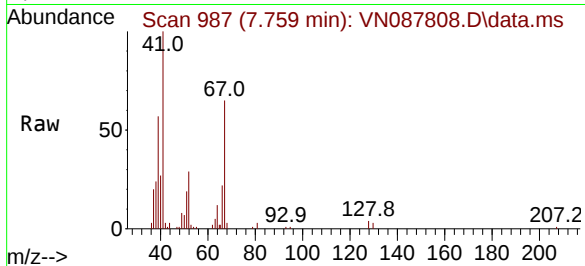




#41
Methacrylonitrile
Concen: 31.831 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

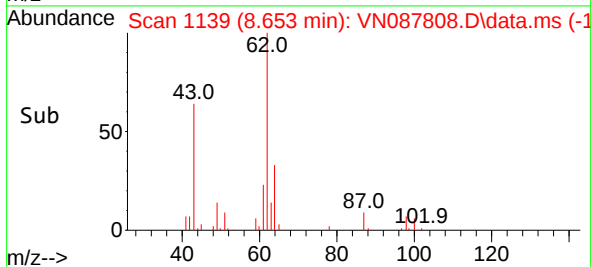
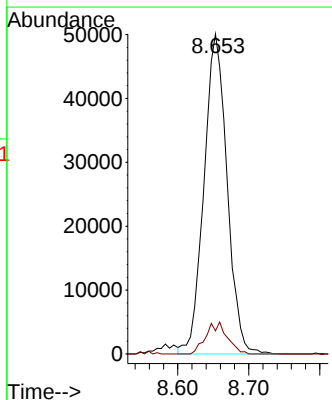
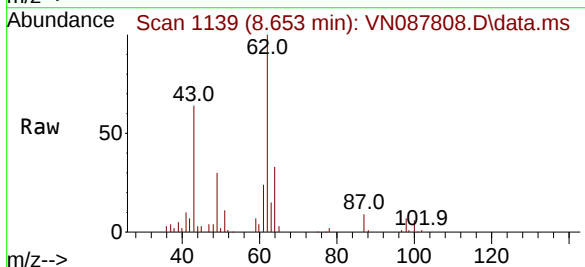
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

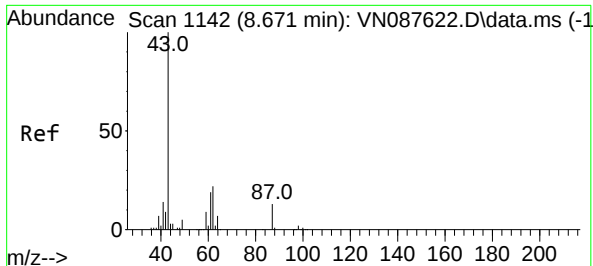
Tgt Ion:	41	Resp:	70150
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.4	68.0
67	68.3	55.3	82.9
52	31.7	24.5	36.7



#42
1,2-Dichloroethane
Concen: 30.856 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion:	62	Resp:	113230
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.4





#43

Isopropyl Acetate

Concen: 31.222 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS02

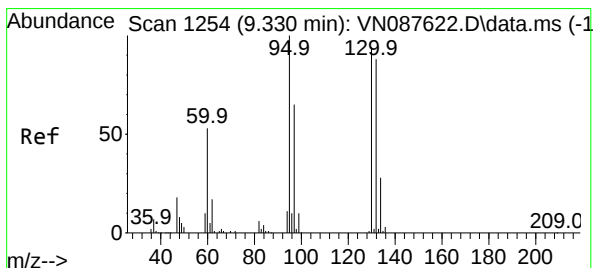
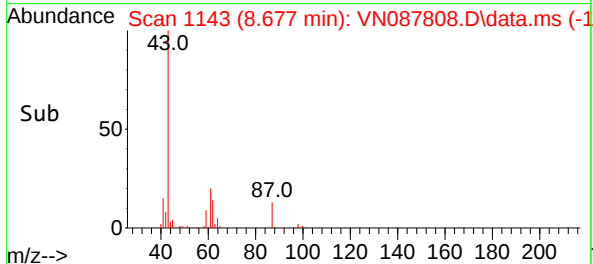
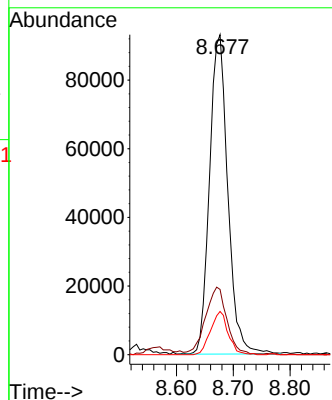
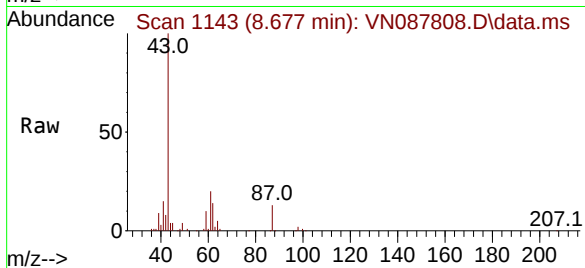
Tgt Ion: 43 Resp: 207388

Ion Ratio Lower Upper

43 100

61 24.5 18.8 28.2

87 13.0 9.6 14.4



#44

Trichloroethene

Concen: 29.824 ug/l

RT: 9.330 min Scan# 1254

Delta R.T. -0.000 min

Lab File: VN087808.D

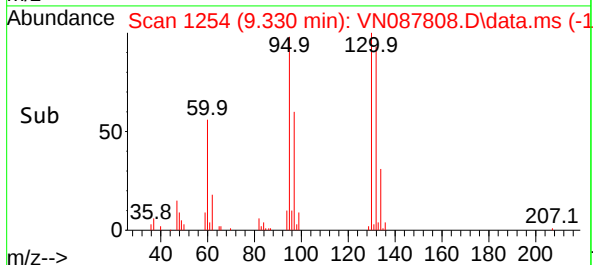
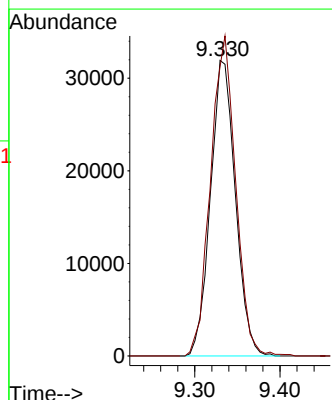
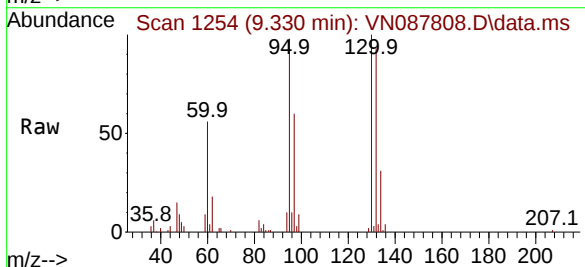
Acq: 11 Sep 2025 18:53

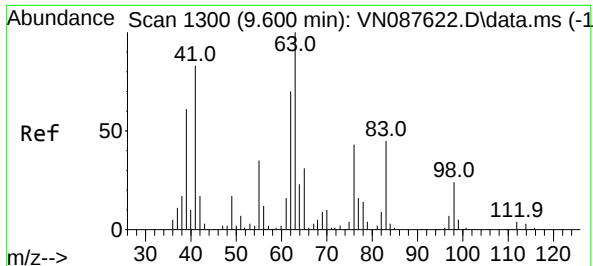
Tgt Ion:130 Resp: 65022

Ion Ratio Lower Upper

130 100

95 97.9 0.0 212.0





#45

1,2-Dichloropropane

Concen: 30.474 ug/l

RT: 9.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

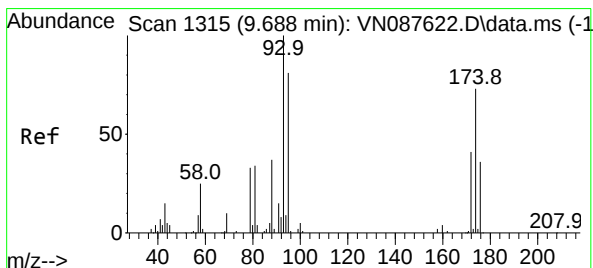
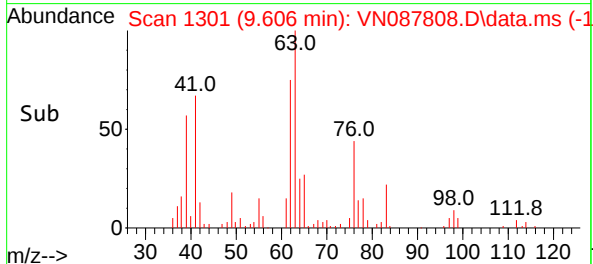
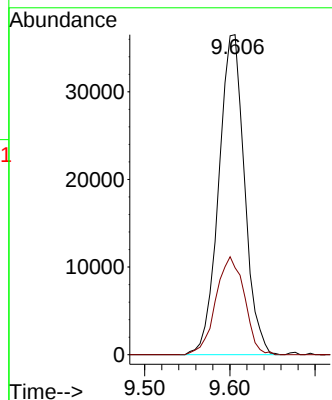
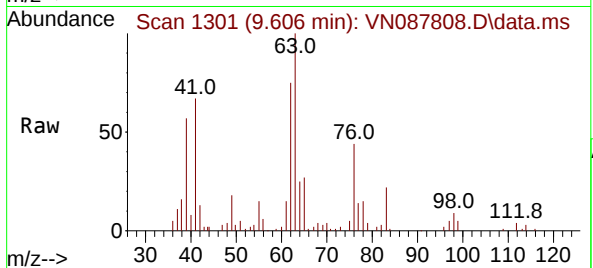
VN0911WBS02

Tgt Ion: 63 Resp: 76707

Ion Ratio Lower Upper

63 100

65 27.2 25.0 37.4



#46

Dibromomethane

Concen: 31.690 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

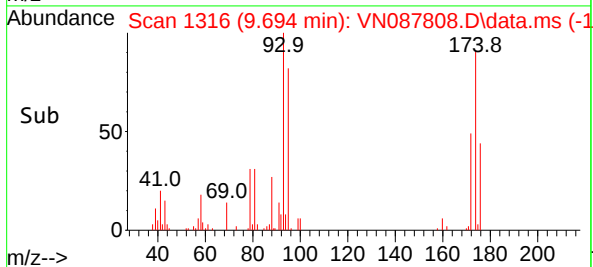
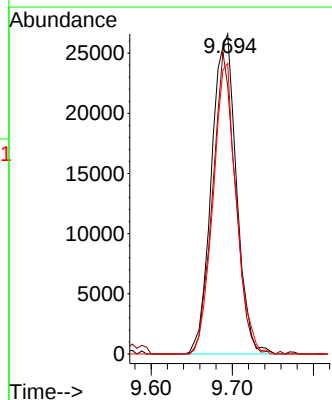
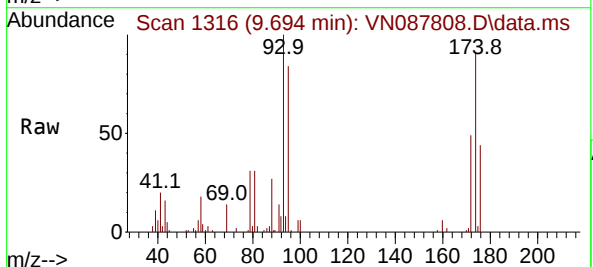
Tgt Ion: 93 Resp: 56764

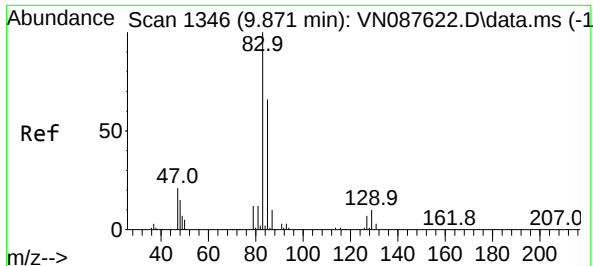
Ion Ratio Lower Upper

93 100

95 86.2 66.2 99.4

174 85.1 63.4 95.2

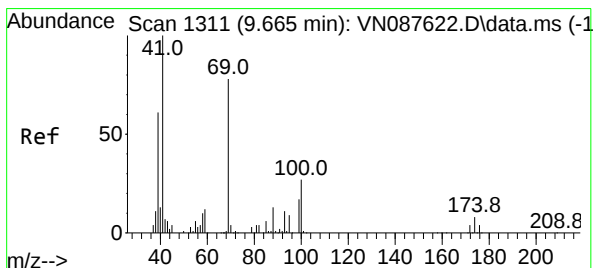
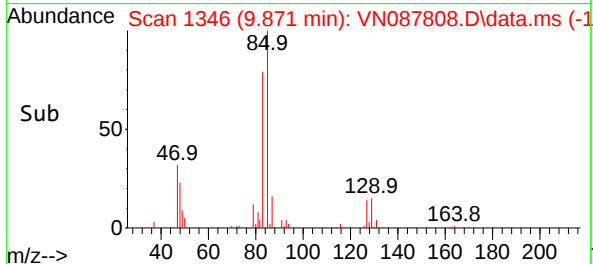
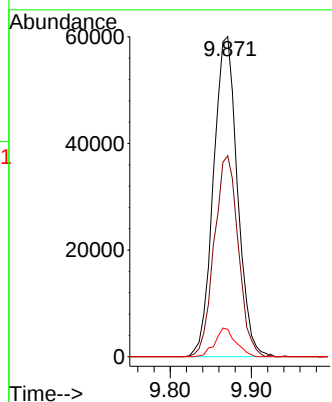
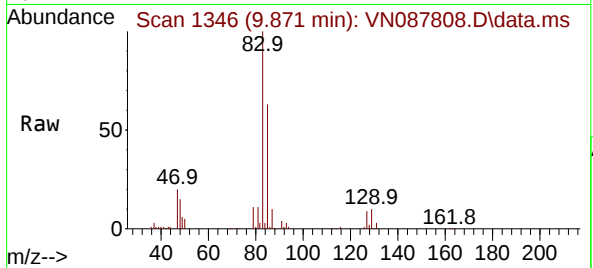




#47
Bromodichloromethane
Concen: 33.554 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

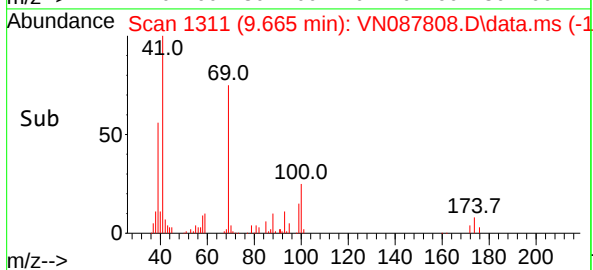
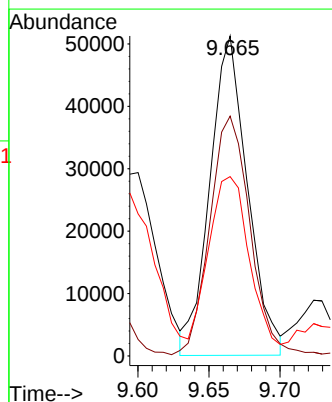
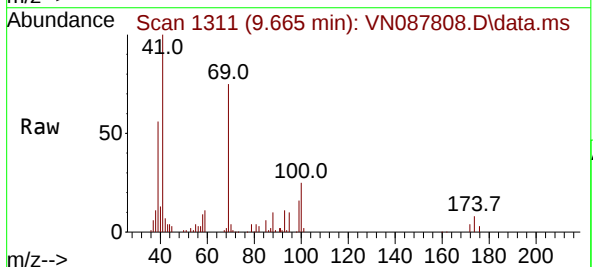
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

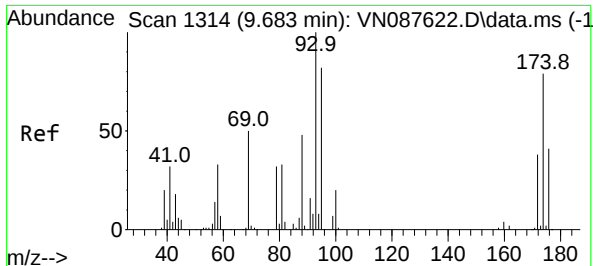
Tgt Ion: 83 Resp: 123181
Ion Ratio Lower Upper
83 100
85 62.8 52.5 78.7
127 8.6 5.8 8.6



#48
Methyl methacrylate
Concen: 29.992 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 41 Resp: 94231
Ion Ratio Lower Upper
41 100
69 81.3 62.7 94.1
39 61.6 52.9 79.3





#49

1,4-Dioxane

Concen: 631.386 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS02

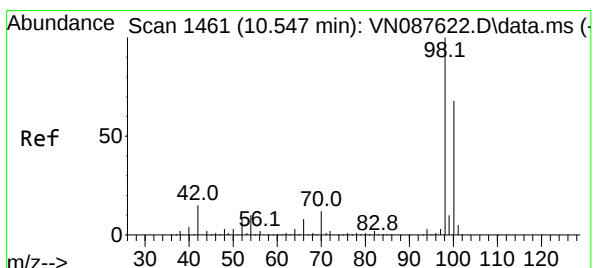
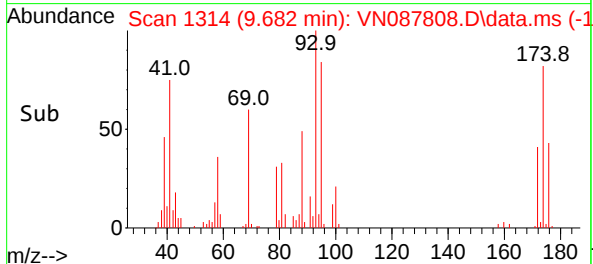
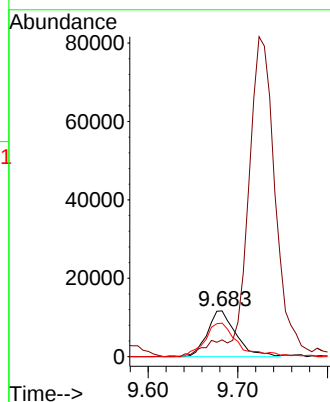
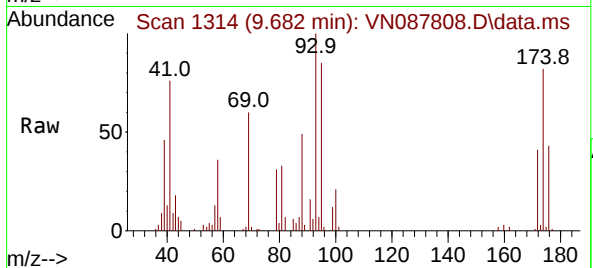
Tgt Ion: 88 Resp: 25712

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 85.5 57.9 86.9



#50

Toluene-d8

Concen: 76.237 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087808.D

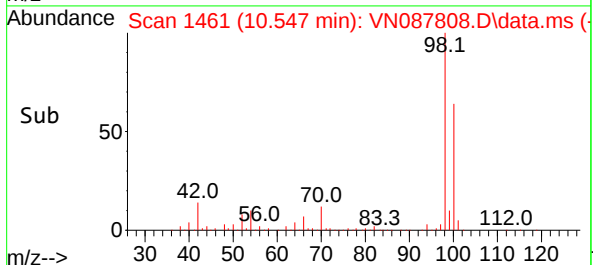
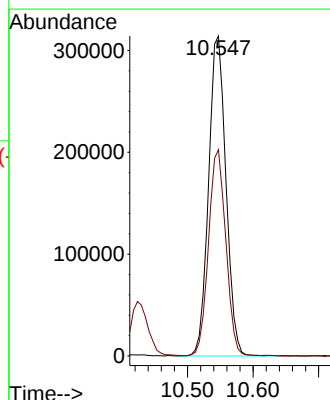
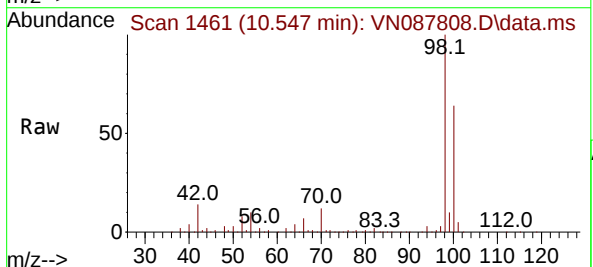
Acq: 11 Sep 2025 18:53

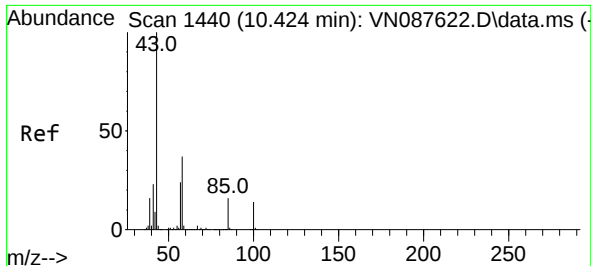
Tgt Ion: 98 Resp: 579094

Ion Ratio Lower Upper

98 100

100 64.1 52.8 79.2

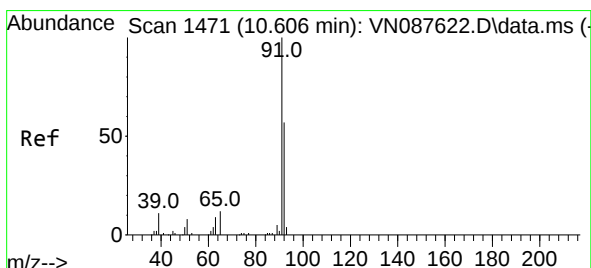
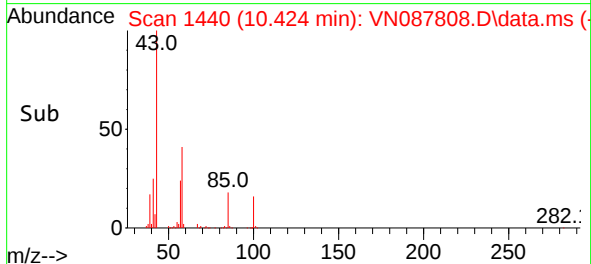
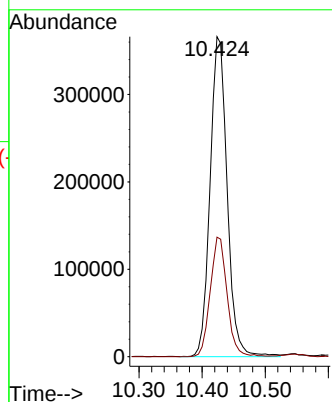
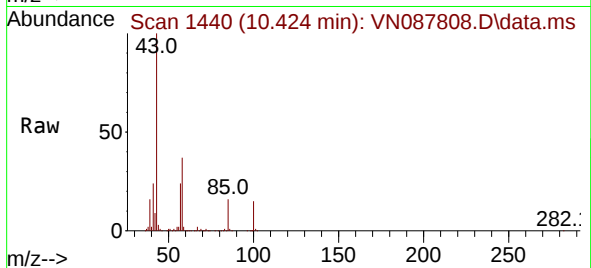




#51
4-Methyl-2-Pentanone
Concen: 171.562 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

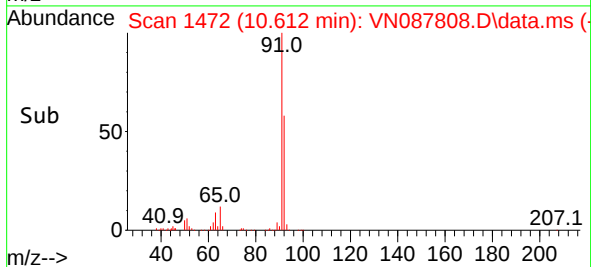
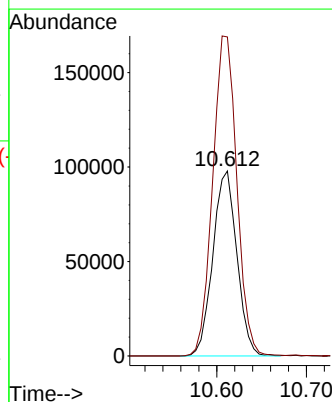
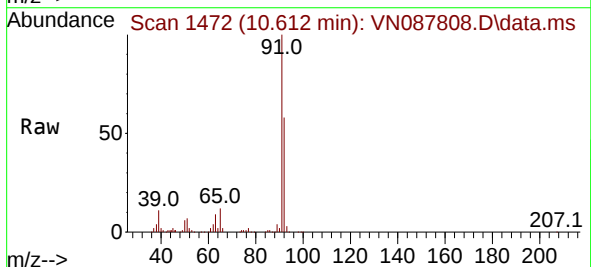
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

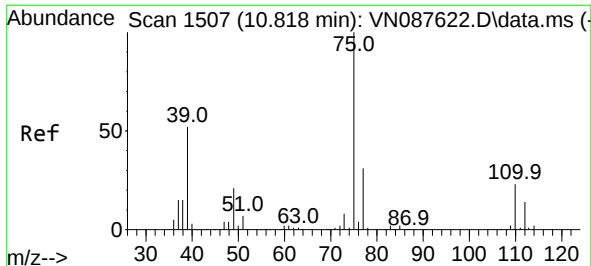
Tgt Ion: 43 Resp: 687556
Ion Ratio Lower Upper
43 100
58 36.9 29.6 44.4



#52
Toluene
Concen: 30.740 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 92 Resp: 181985
Ion Ratio Lower Upper
92 100
91 174.1 140.4 210.6

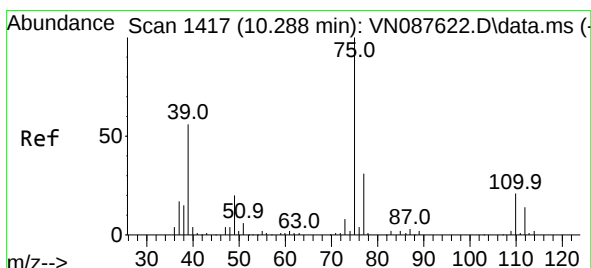
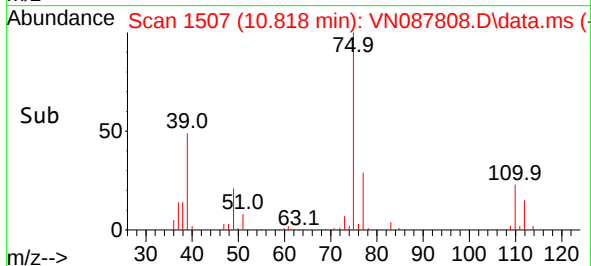
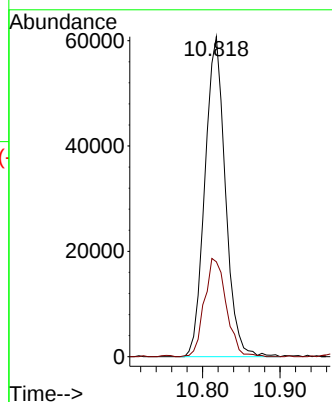
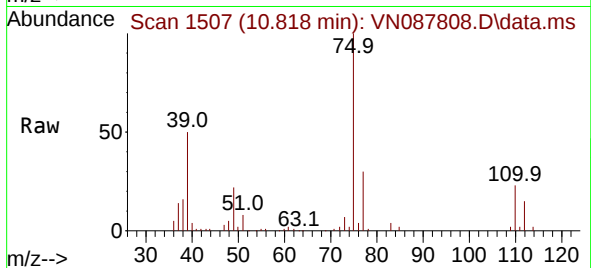




#53
 t-1,3-Dichloropropene
 Concen: 29.327 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087808.D
 Acq: 11 Sep 2025 18:53

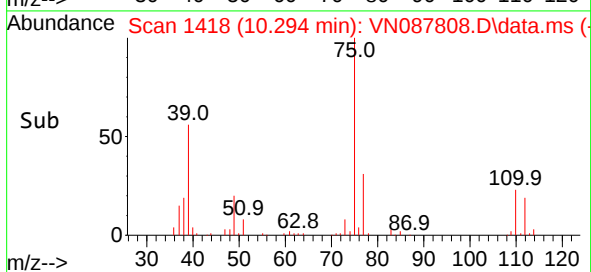
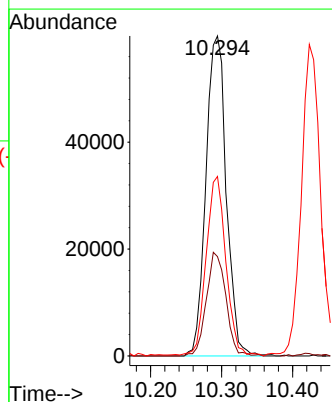
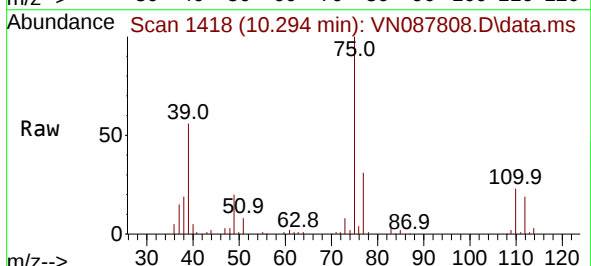
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS02

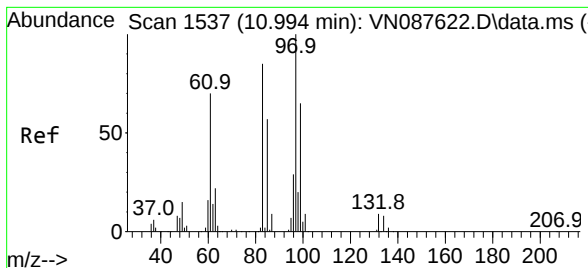
Tgt Ion: 75 Resp: 111440
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 30.310 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087808.D
 Acq: 11 Sep 2025 18:53

Tgt Ion: 75 Resp: 119590
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.6 37.0
 39 55.8 45.2 67.8

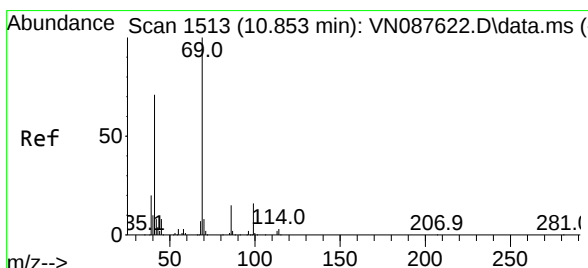
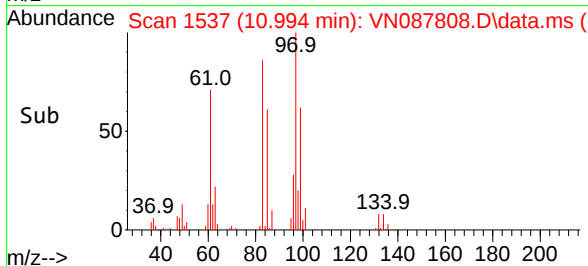
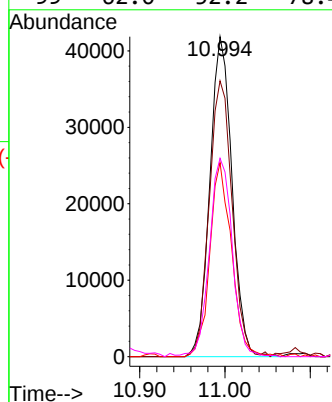
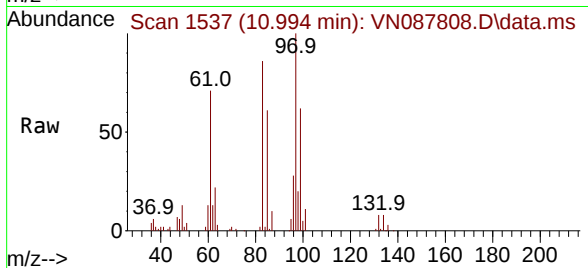




#55
1,1,2-Trichloroethane
Concen: 32.963 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

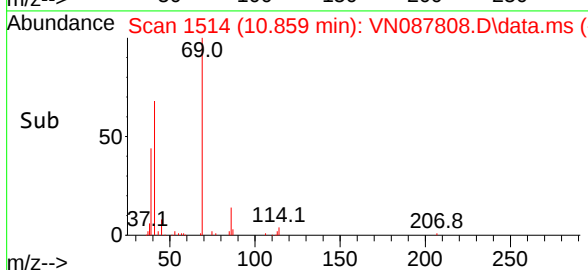
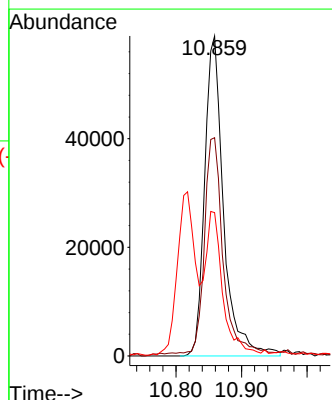
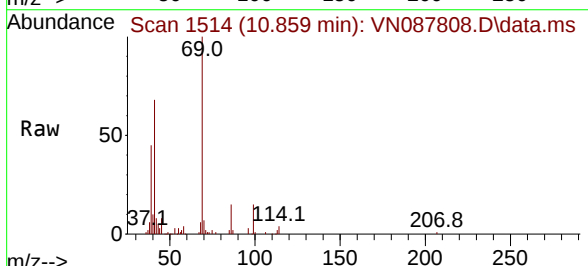
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

Tgt Ion:	97	Resp:	75491
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.2	102.4
85	60.6	45.5	68.3
99	62.0	52.2	78.4



#56
Ethyl methacrylate
Concen: 32.322 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion:	69	Resp:	118299
Ion	Ratio	Lower	Upper
69	100		
41	69.9	56.5	84.7
39	40.5	34.2	51.4





#57

1,3-Dichloropropane

Concen: 32.036 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

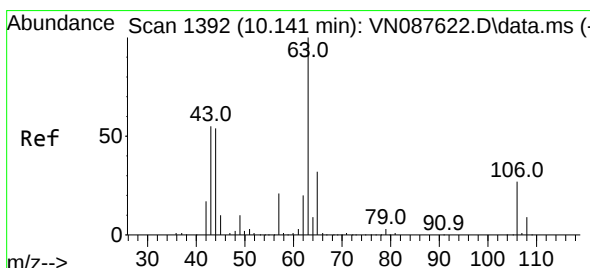
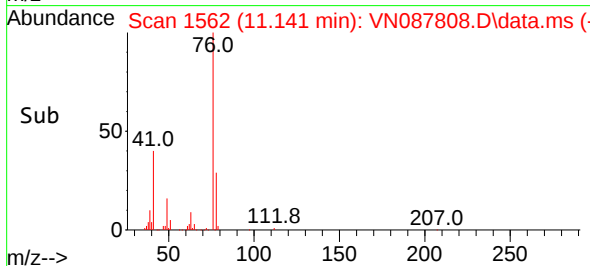
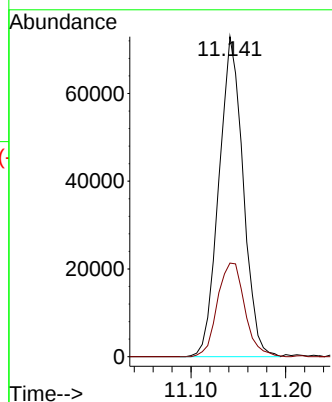
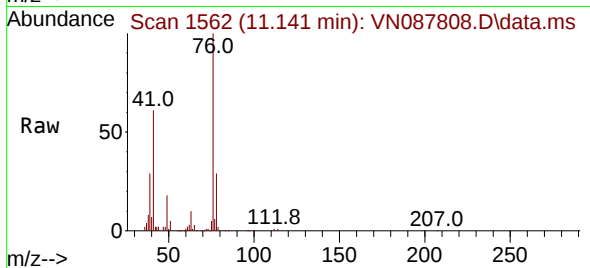
VN0911WBS02

Tgt Ion: 76 Resp: 129845

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 142.614 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087808.D

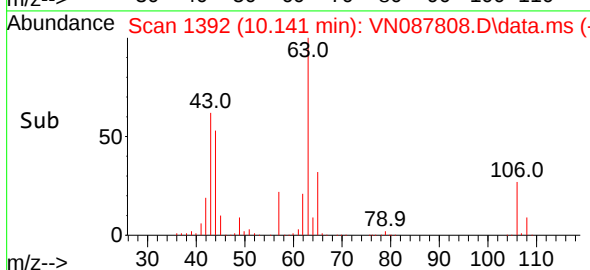
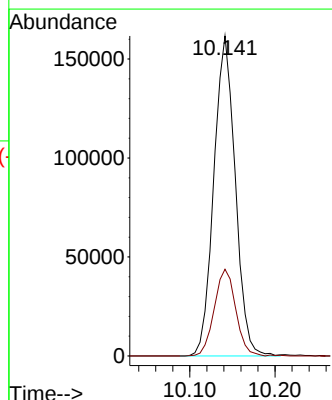
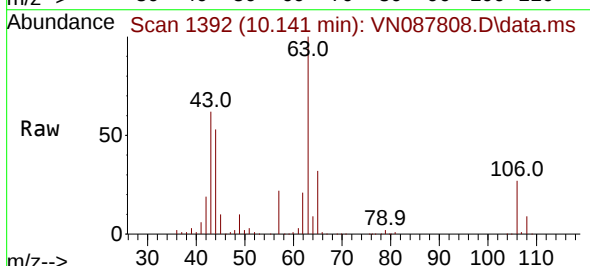
Acq: 11 Sep 2025 18:53

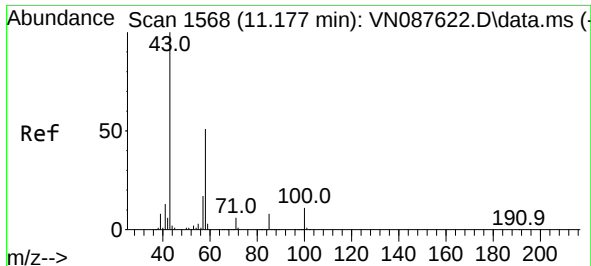
Tgt Ion: 63 Resp: 282515

Ion Ratio Lower Upper

63 100

106 27.0 21.1 31.7

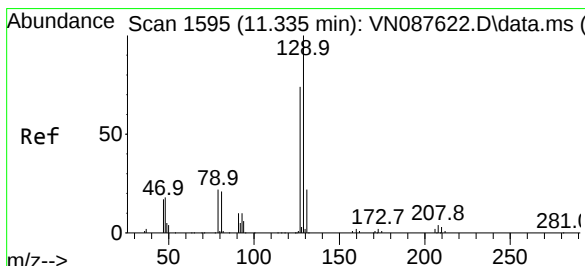
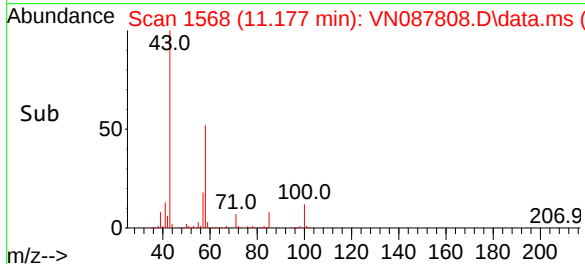
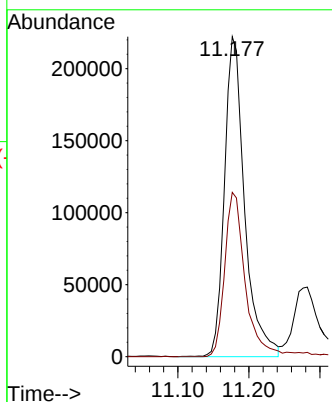
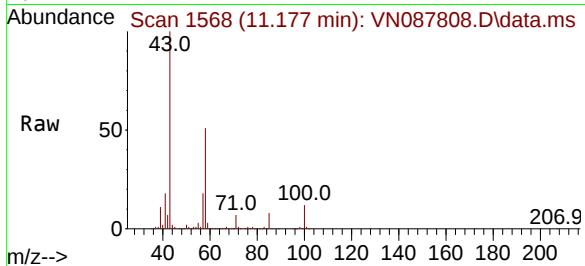




#59
2-Hexanone
Concen: 172.399 ug/l
RT: 11.177 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

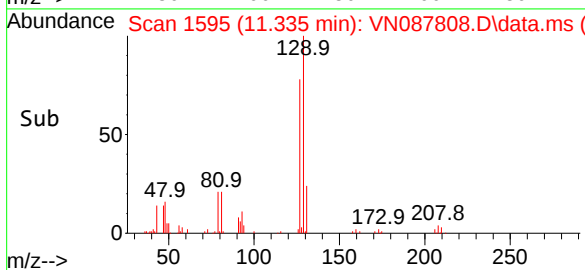
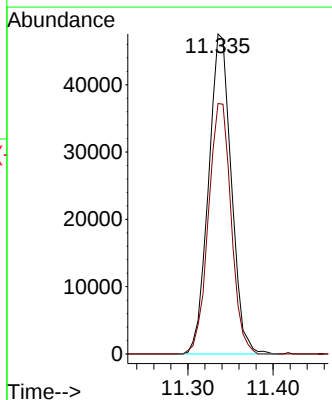
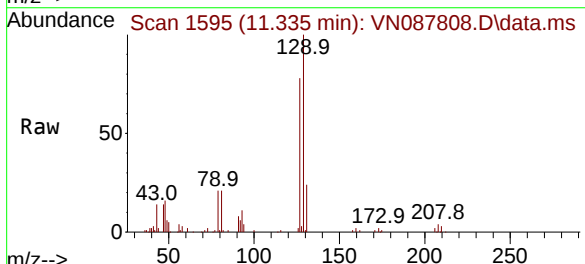
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

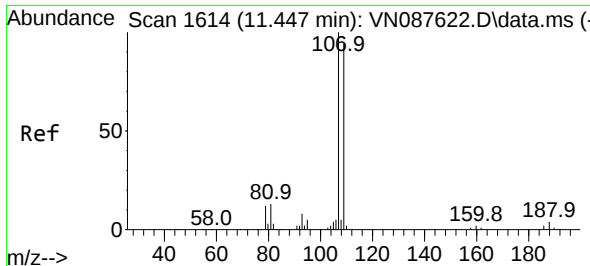
Tgt Ion: 43 Resp: 436656
Ion Ratio Lower Upper
43 100
58 52.6 25.9 77.8



#60
Dibromochloromethane
Concen: 33.277 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 129 Resp: 88304
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.3

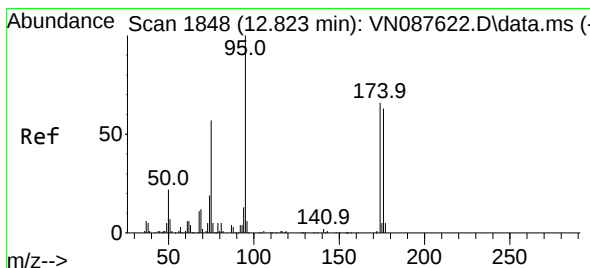
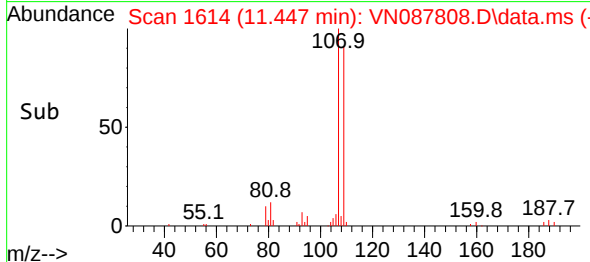
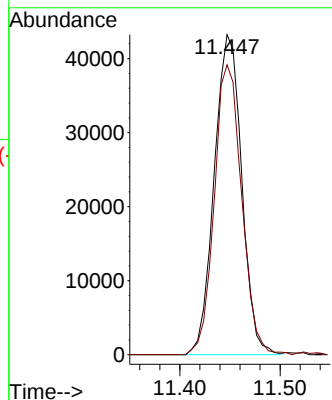
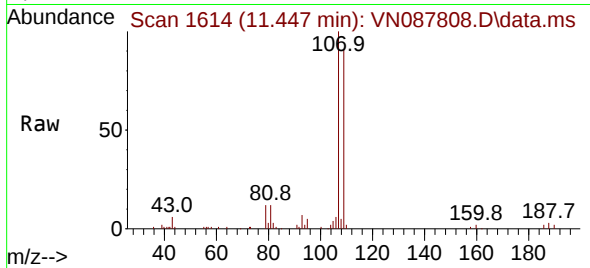




#61
1,2-Dibromoethane
Concen: 34.039 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

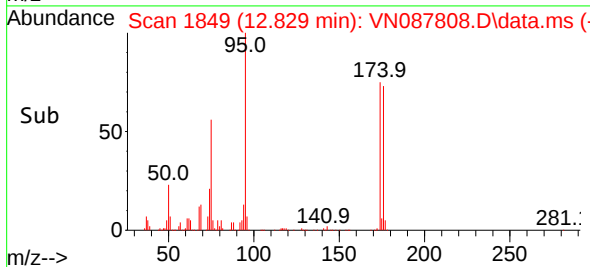
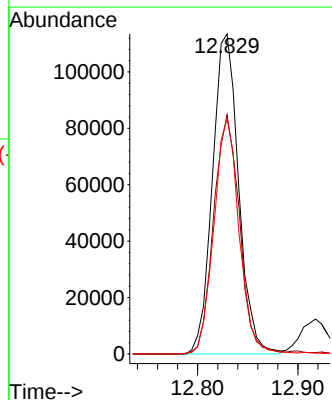
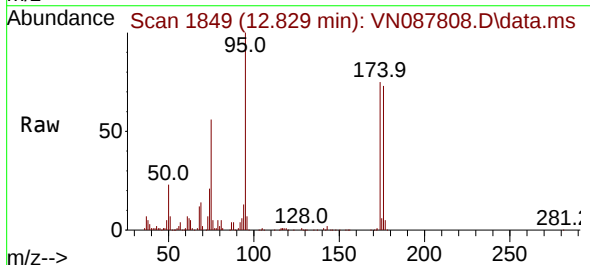
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

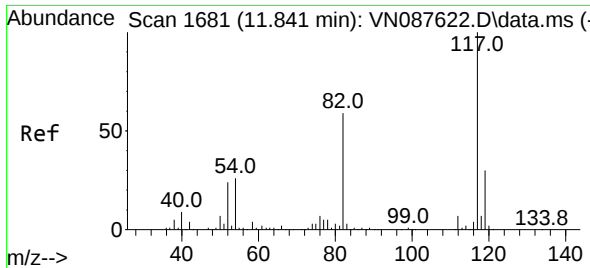
Tgt Ion:107 Resp: 82199
Ion Ratio Lower Upper
107 100
109 90.3 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 76.068 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 95 Resp: 205488
Ion Ratio Lower Upper
95 100
174 73.8 0.0 138.4
176 71.3 0.0 132.6

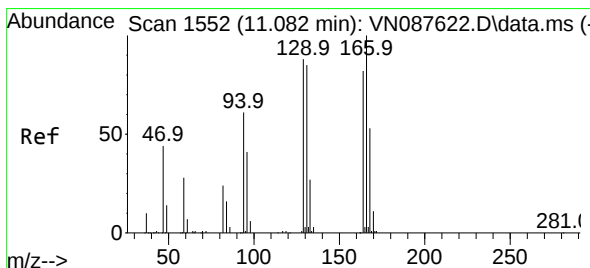
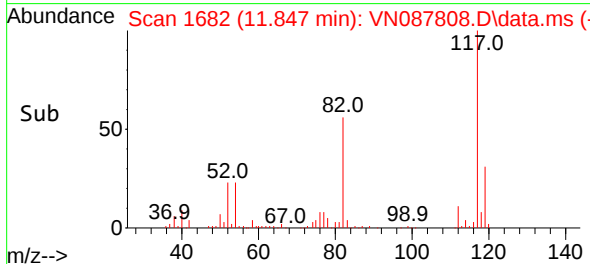
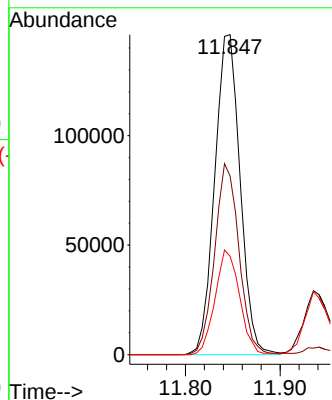
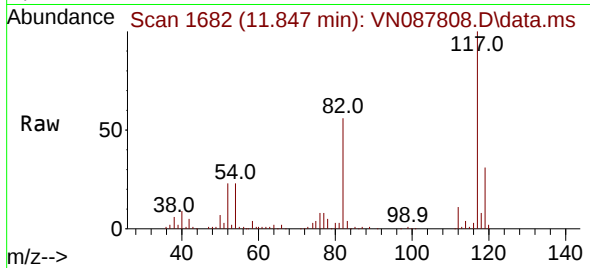




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

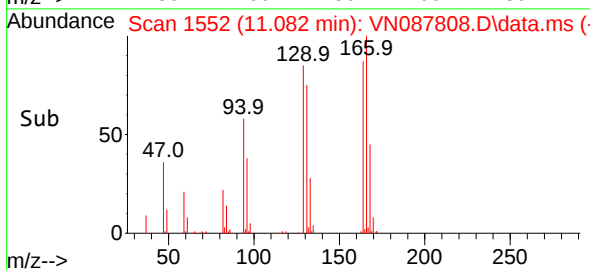
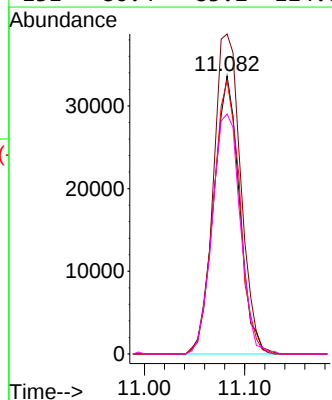
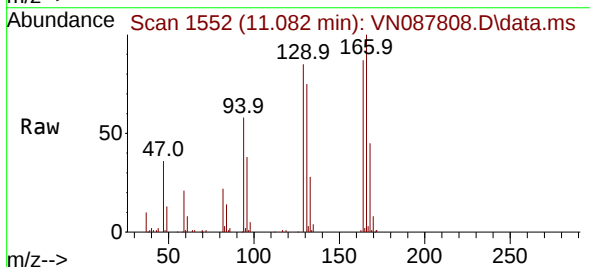
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

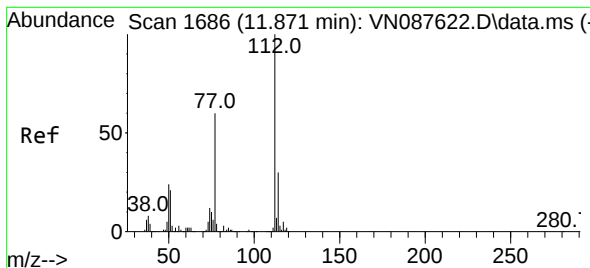
Tgt Ion:117 Resp: 272562
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 30.7 24.3 36.5



#64
Tetrachloroethene
Concen: 31.563 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion:164 Resp: 59685
Ion Ratio Lower Upper
164 100
166 115.2 97.7 146.5
129 98.3 85.9 128.9
131 86.4 83.2 124.8

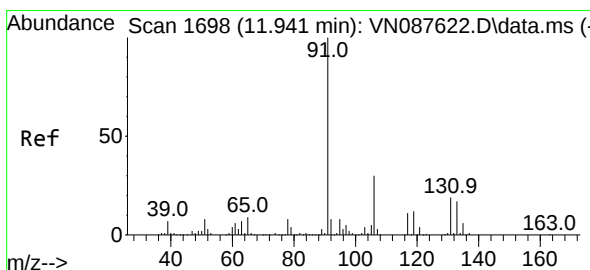
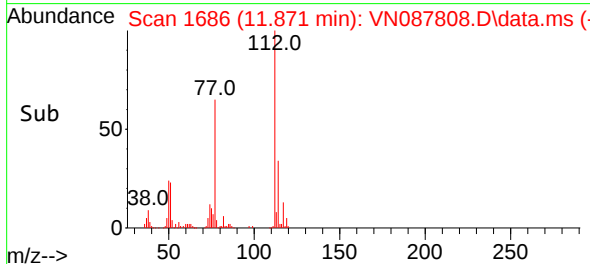
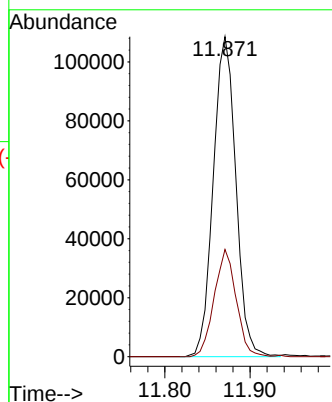
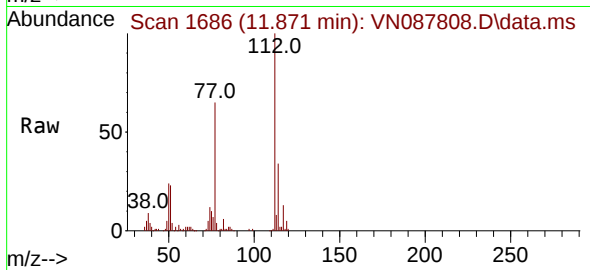




#65
Chlorobenzene
Concen: 29.499 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

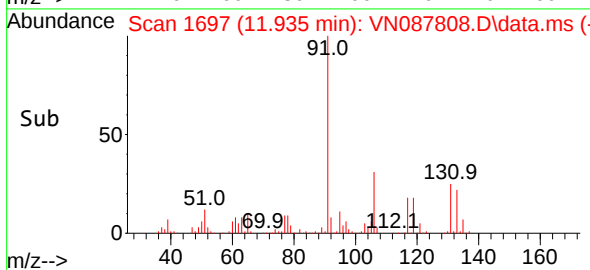
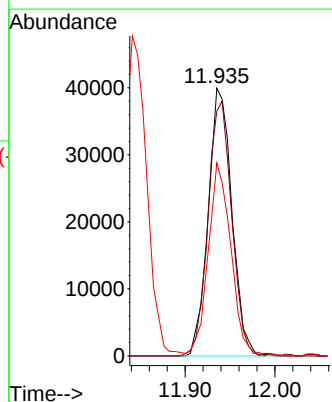
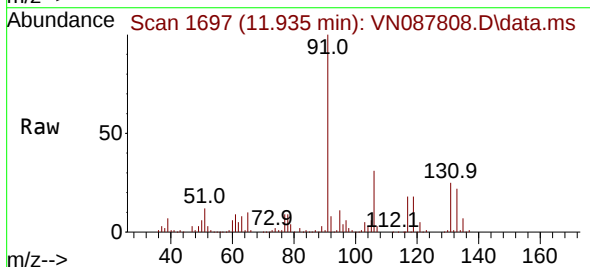
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

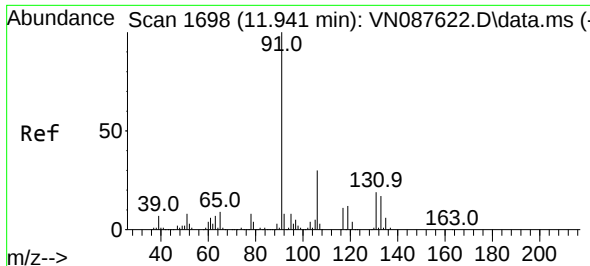
Tgt Ion:112 Resp: 200029
Ion Ratio Lower Upper
112 100
114 33.5 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 32.456 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion:131 Resp: 73064
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.0
119 69.3 32.6 97.7

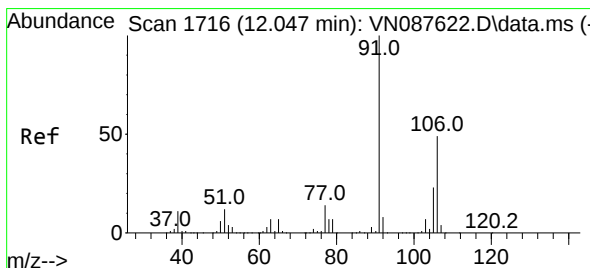
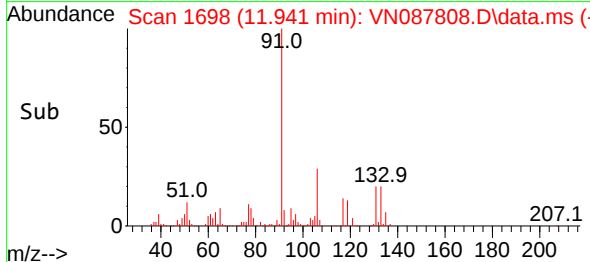
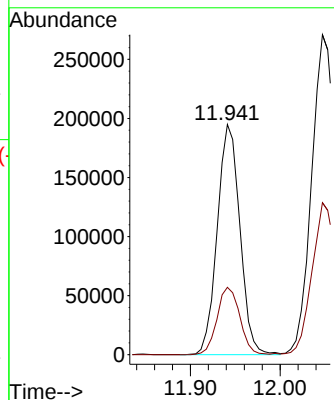
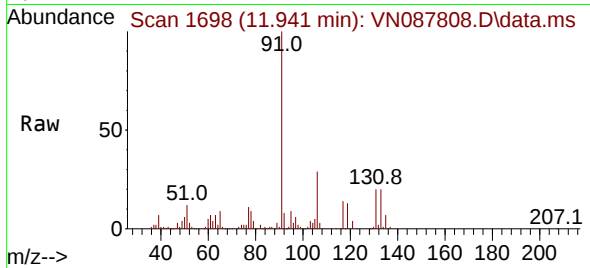




#67
Ethyl Benzene
Concen: 29.071 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

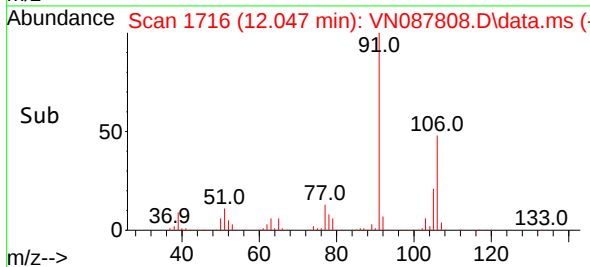
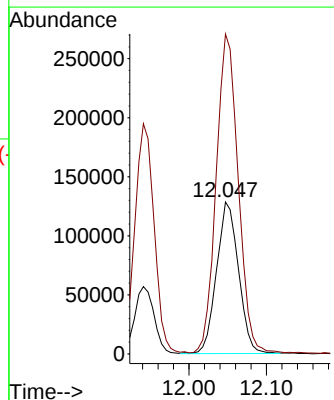
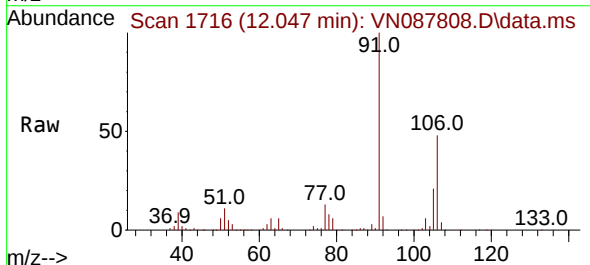
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

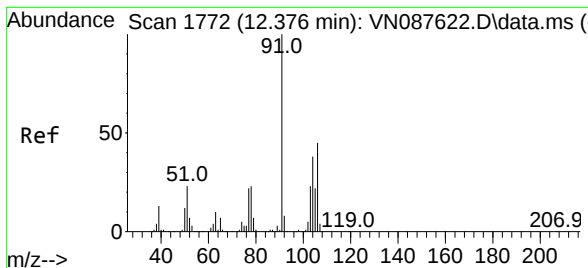
Tgt Ion: 91 Resp: 341307
Ion Ratio Lower Upper
91 100
106 29.3 24.1 36.1



#68
m/p-Xylenes
Concen: 58.691 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion:106 Resp: 252714
Ion Ratio Lower Upper
106 100
91 212.7 169.3 253.9

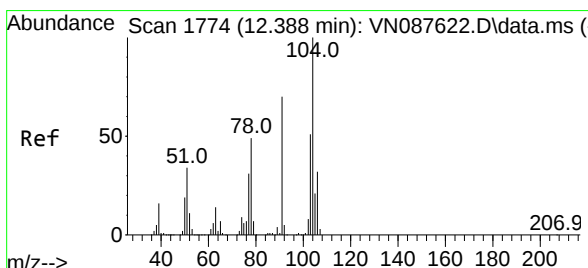
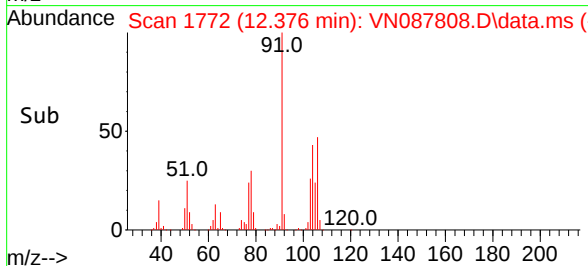
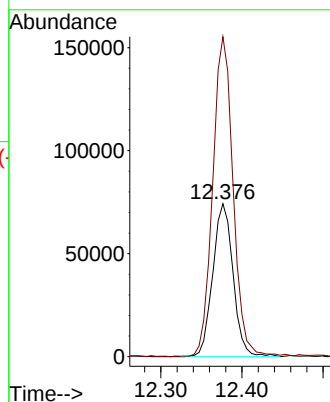
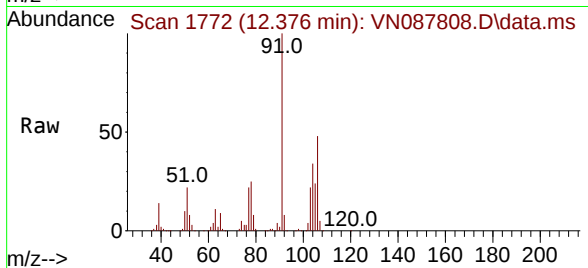




#69
o-Xylene
Concen: 30.604 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

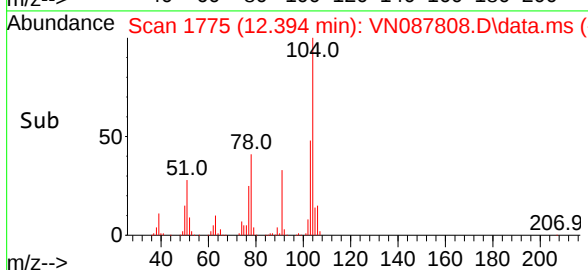
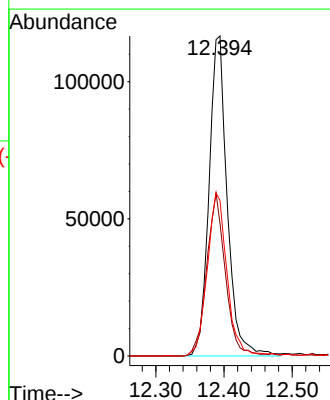
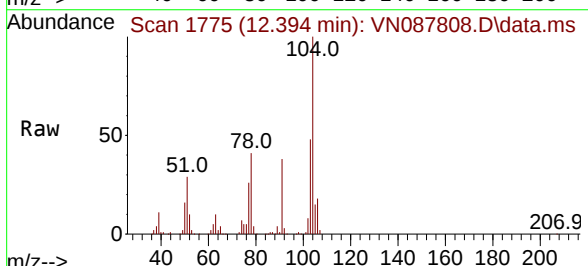
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

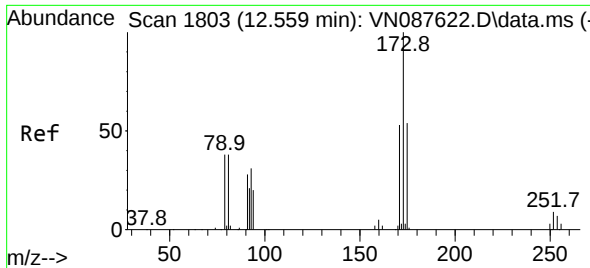
Tgt Ion:106 Resp: 129139
Ion Ratio Lower Upper
106 100
91 211.1 111.4 334.2



#70
Styrene
Concen: 30.681 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion:104 Resp: 216897
Ion Ratio Lower Upper
104 100
78 52.2 42.2 63.2
103 55.8 43.4 65.2

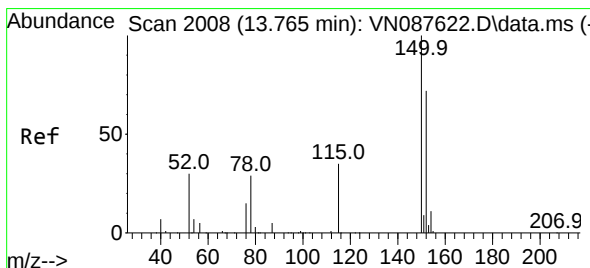
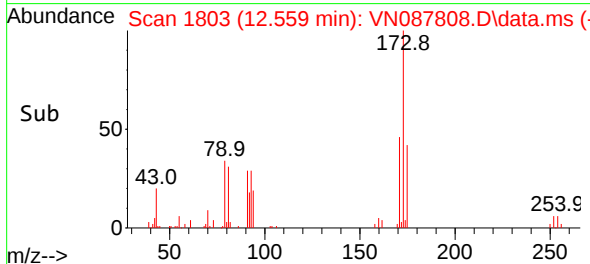
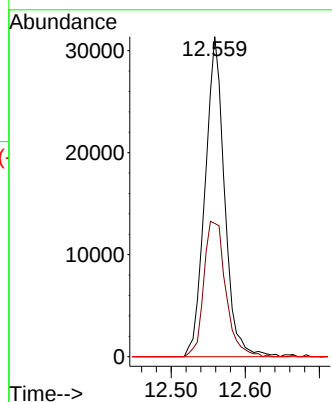
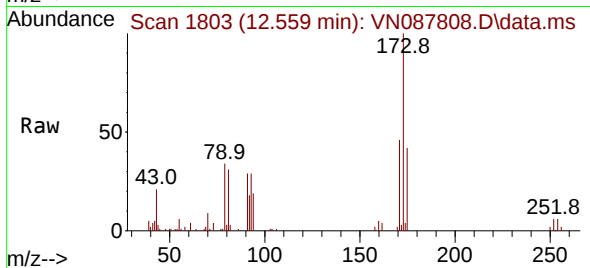




#71
Bromoform
Concen: 33.179 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

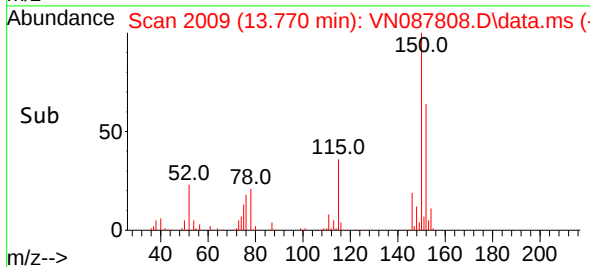
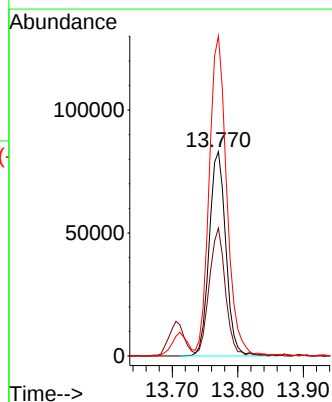
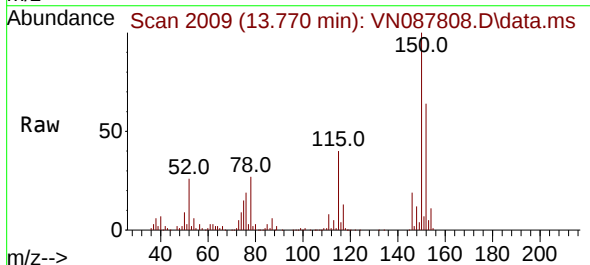
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

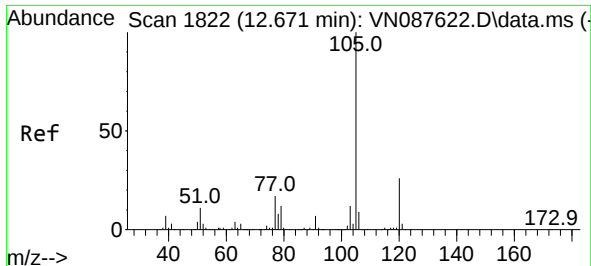
Tgt Ion:173 Resp: 57284
Ion Ratio Lower Upper
173 100
175 47.6 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion:152 Resp: 147013
Ion Ratio Lower Upper
152 100
115 61.2 32.3 96.8
150 162.9 0.0 351.0

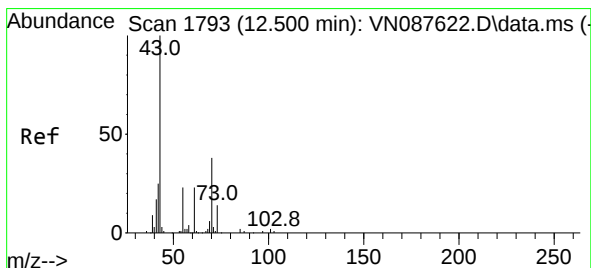
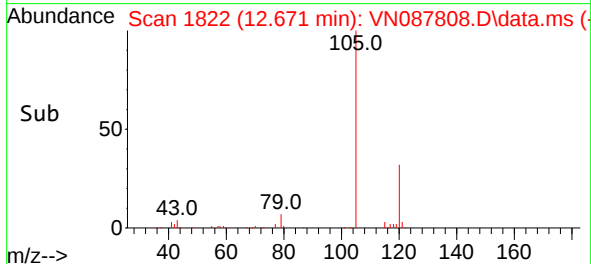
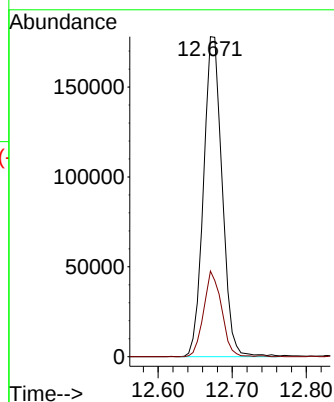
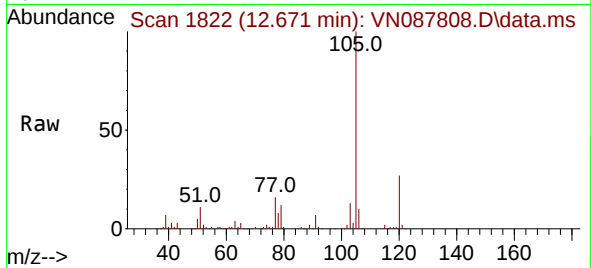




#73
Isopropylbenzene
Concen: 26.198 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

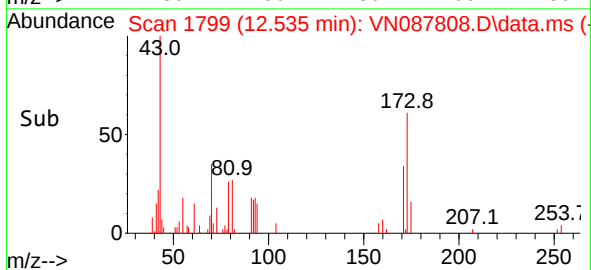
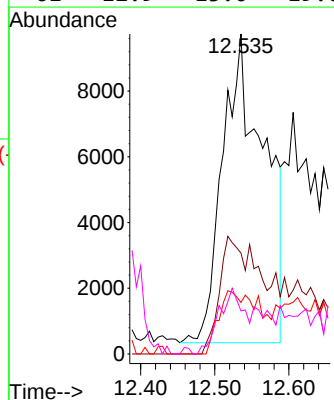
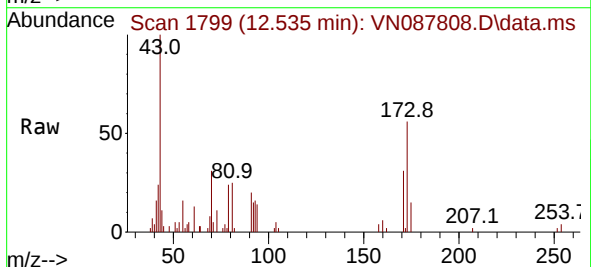
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

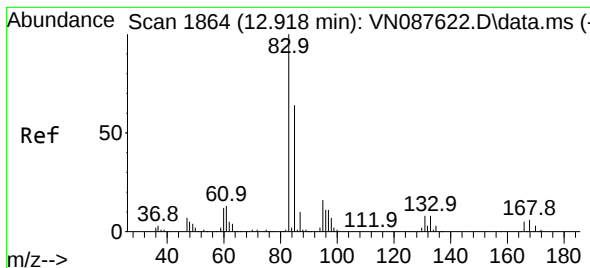
Tgt Ion:105 Resp: 311217
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#74
N-ethyl acetate
Concen: 8.116 ug/l
RT: 12.535 min Scan# 1799
Delta R.T. 0.035 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 43 Resp: 36536
Ion Ratio Lower Upper
43 100
70 21.7 27.6 41.4#
55 20.3 13.0 19.6#
61 12.9 13.0 19.6#

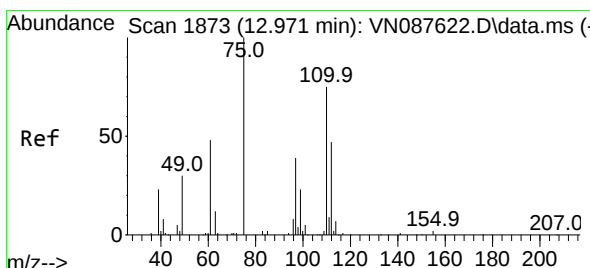
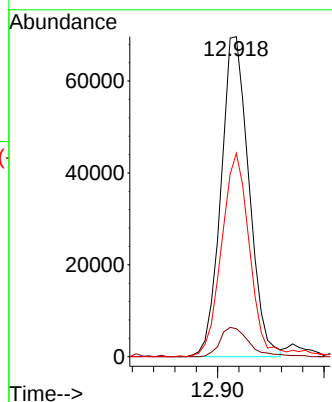
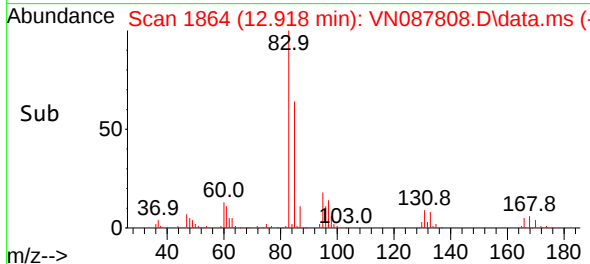
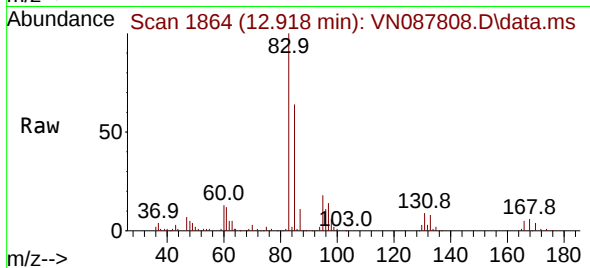




#75
1,1,2,2-Tetrachloroethane
Concen: 31.072 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

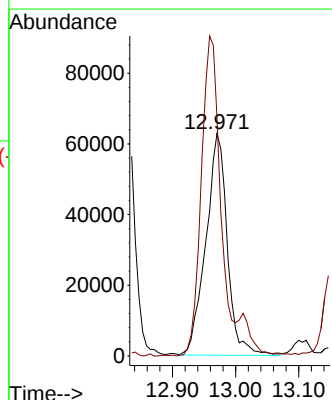
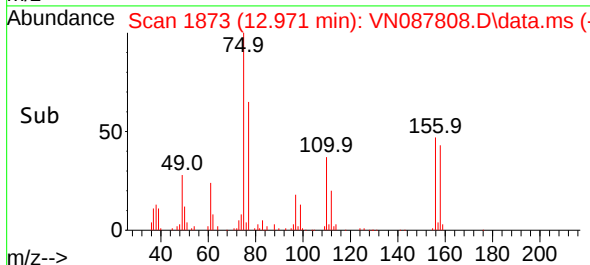
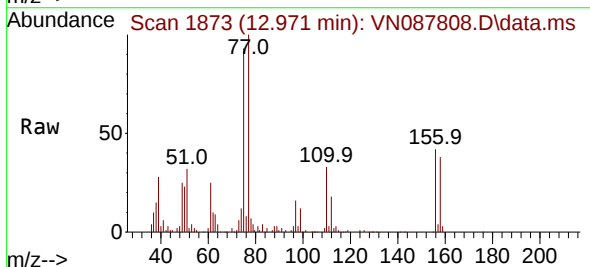
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

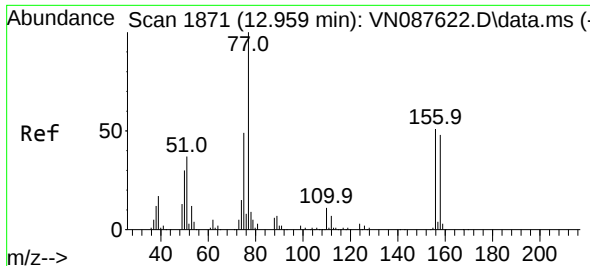
Tgt Ion: 83 Resp: 127085
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 63.2 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 42.999 ug/l
RT: 12.971 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 75 Resp: 148241
Ion Ratio Lower Upper
75 100
77 127.2 89.1 267.4

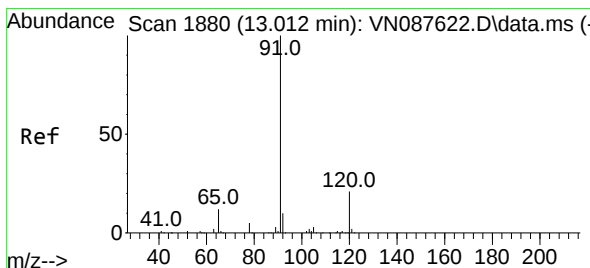
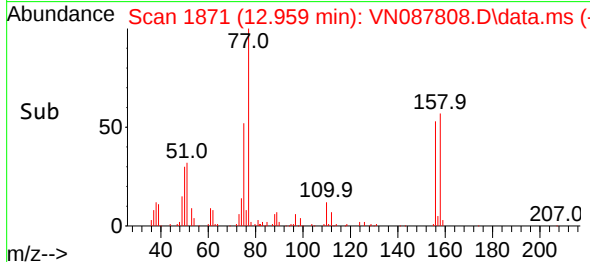
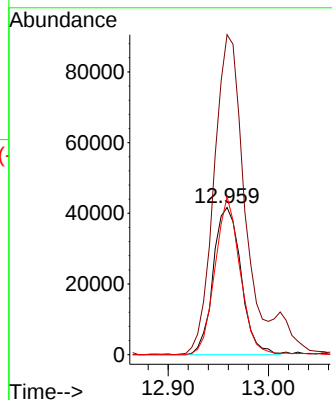
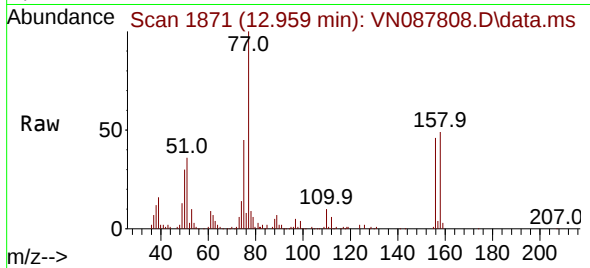




#77
Bromobenzene
Concen: 28.623 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

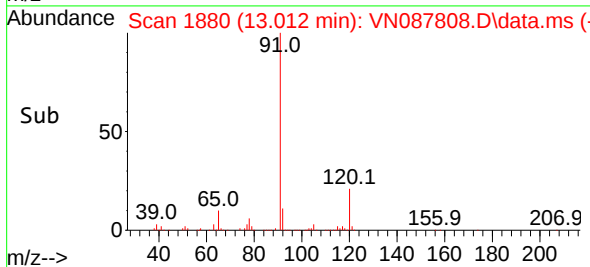
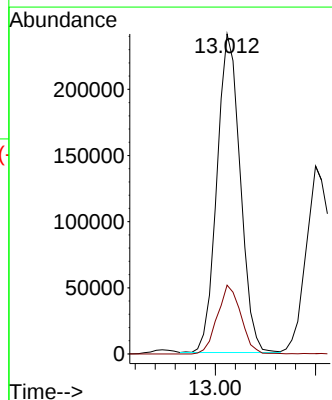
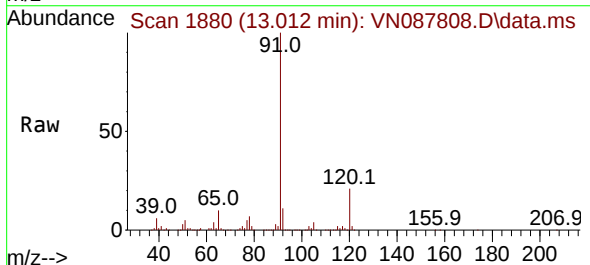
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

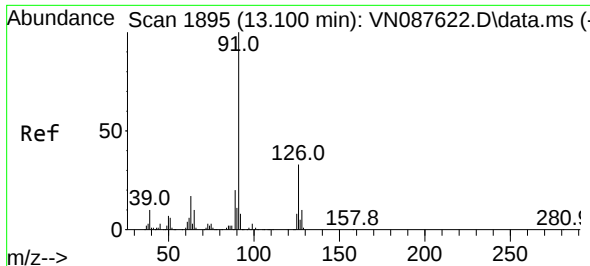
Tgt Ion:156 Resp: 80174
Ion Ratio Lower Upper
156 100
77 235.2 119.3 358.0
158 97.6 48.2 144.6



#78
n-propylbenzene
Concen: 26.556 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 91 Resp: 388588
Ion Ratio Lower Upper
91 100
120 21.8 10.7 32.1

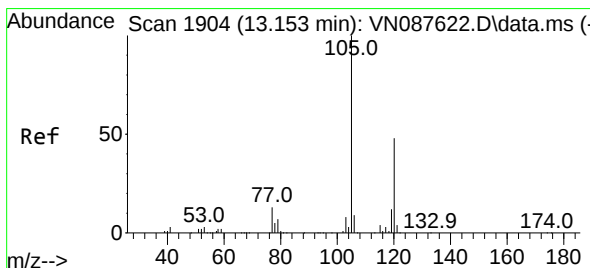
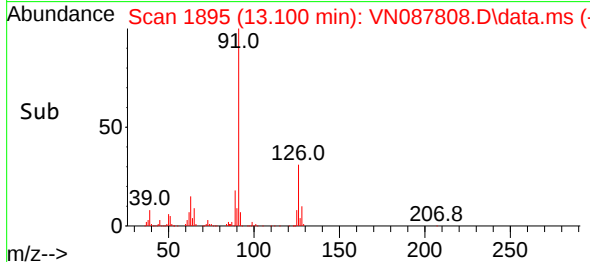
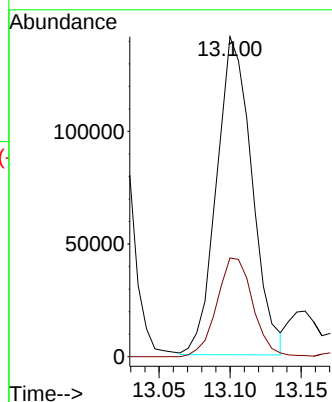
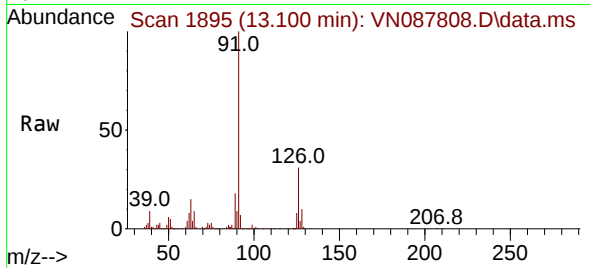




#79
2-Chlorotoluene
Concen: 27.858 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

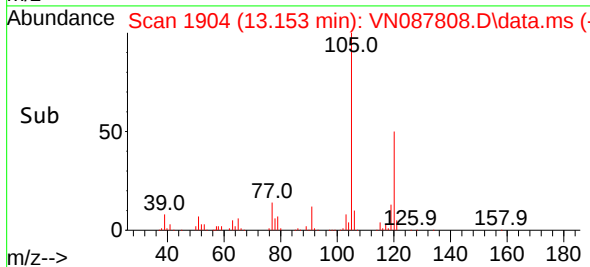
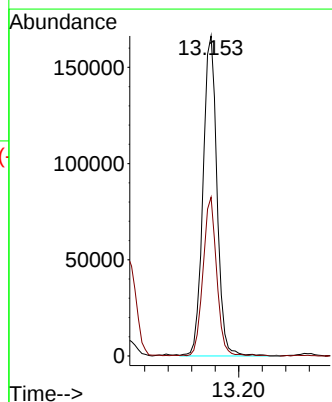
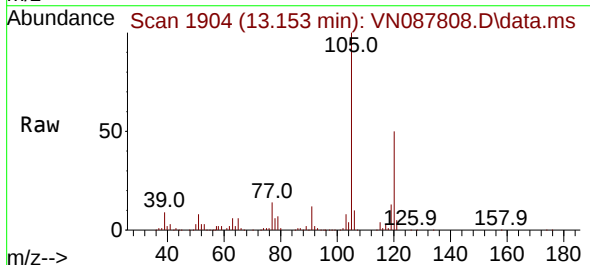
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

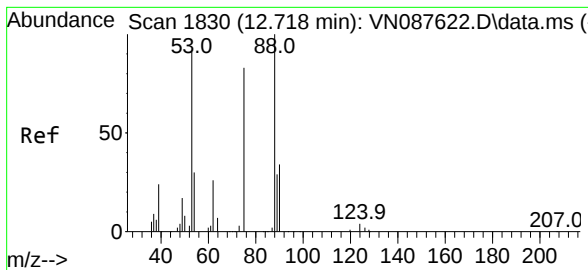
Tgt Ion: 91 Resp: 245313
Ion Ratio Lower Upper
91 100
126 31.6 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 27.363 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 105 Resp: 275761
Ion Ratio Lower Upper
105 100
120 47.8 23.2 69.6

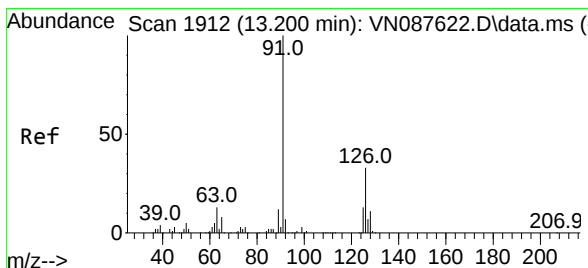
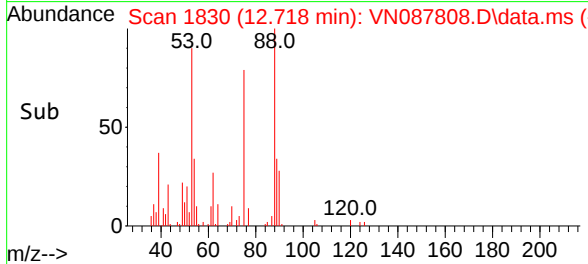
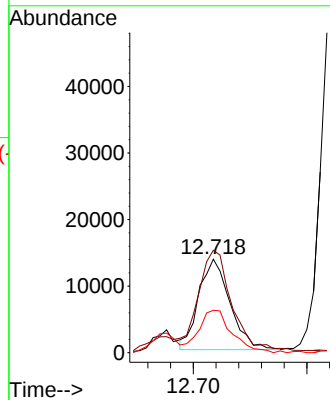
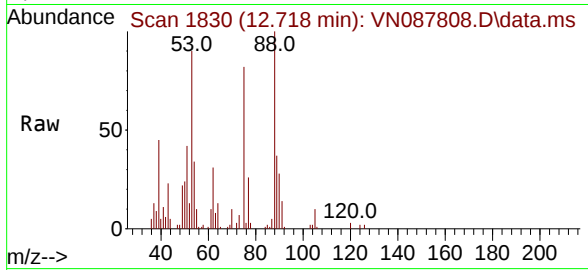




#81
trans-1,4-Dichloro-2-butene
Concen: 19.925 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

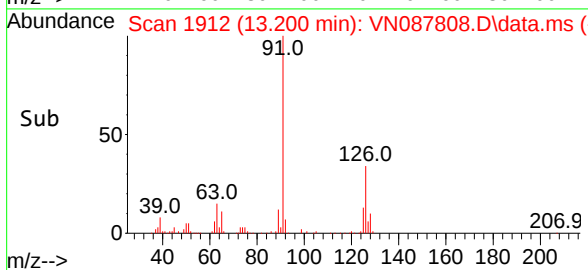
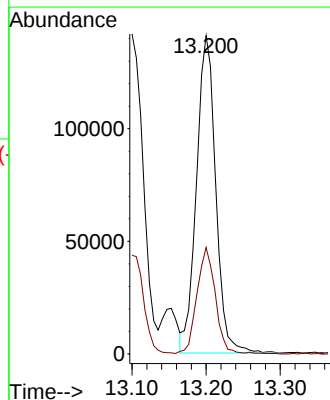
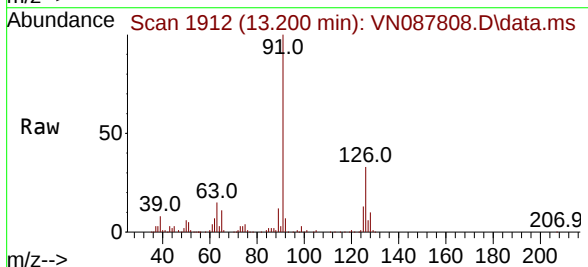
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

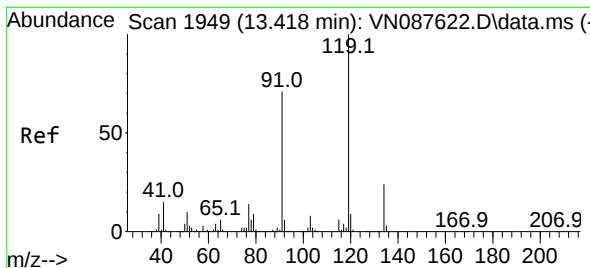
Tgt Ion: 75 Resp: 25947
Ion Ratio Lower Upper
75 100
53 127.2 101.8 152.6
89 50.4 35.6 53.4



#82
4-Chlorotoluene
Concen: 27.485 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 91 Resp: 254463
Ion Ratio Lower Upper
91 100
126 31.5 15.6 46.8





#83

tert-Butylbenzene

Concen: 27.851 ug/l

RT: 13.412 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS02

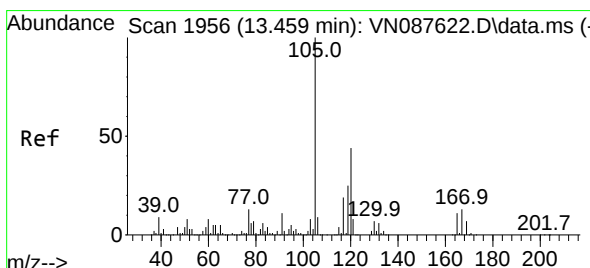
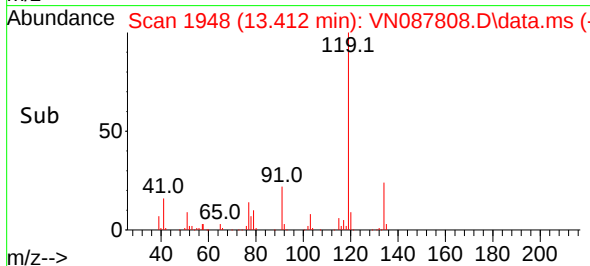
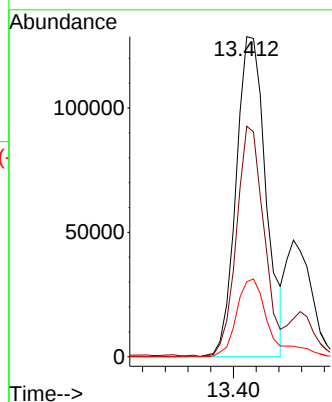
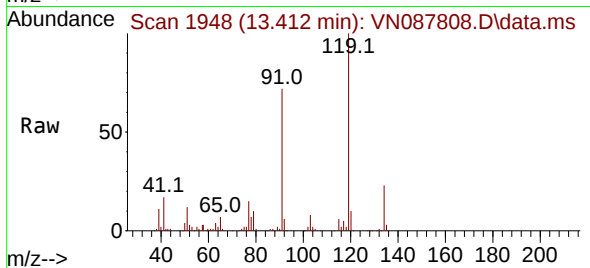
Tgt Ion:119 Resp: 233888

Ion Ratio Lower Upper

119 100

91 66.3 35.0 105.0

134 26.2 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 27.931 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN087808.D

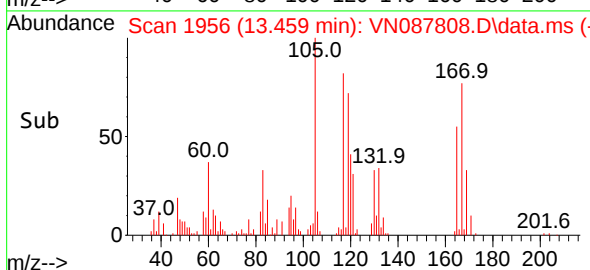
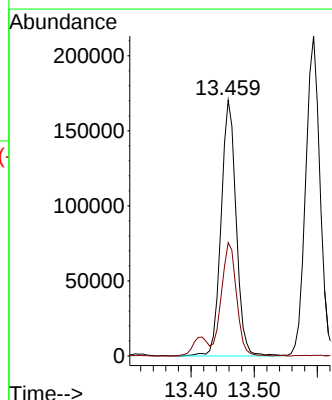
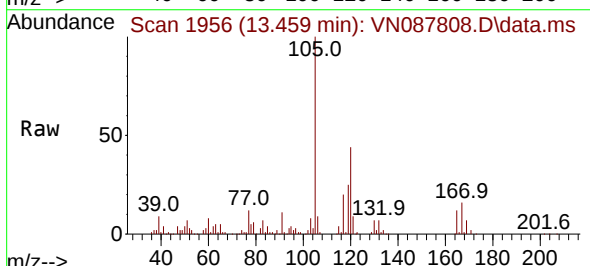
Acq: 11 Sep 2025 18:53

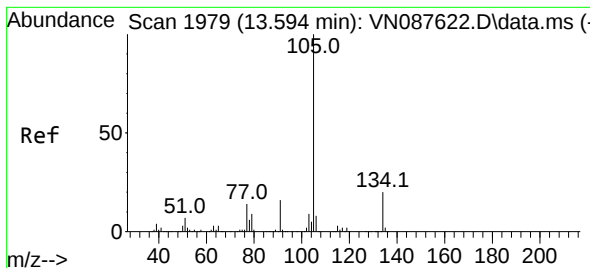
Tgt Ion:105 Resp: 281777

Ion Ratio Lower Upper

105 100

120 44.6 22.0 66.0





#85

sec-Butylbenzene

Concen: 26.957 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

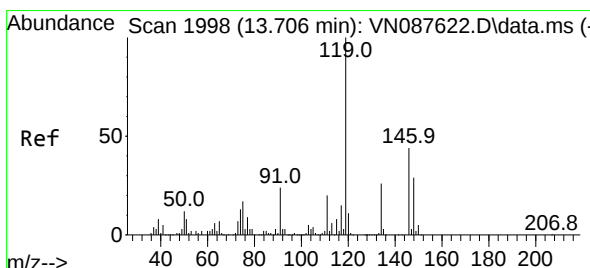
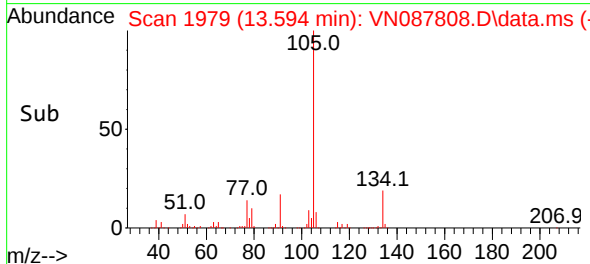
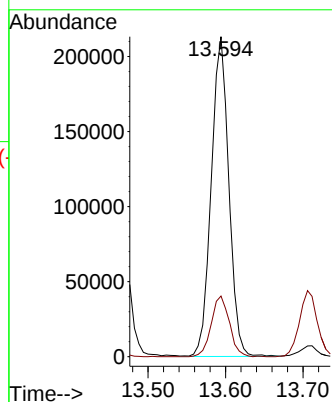
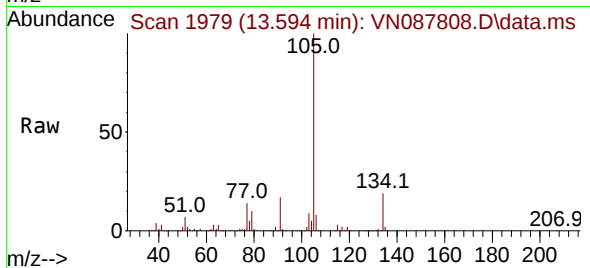
VN0911WBS02

Tgt Ion:105 Resp: 335951

Ion Ratio Lower Upper

105 100

134 19.6 9.6 28.6



#86

p-Isopropyltoluene

Concen: 26.610 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

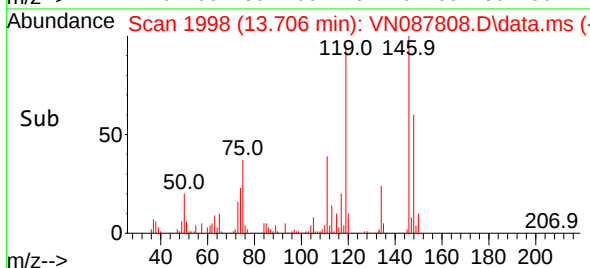
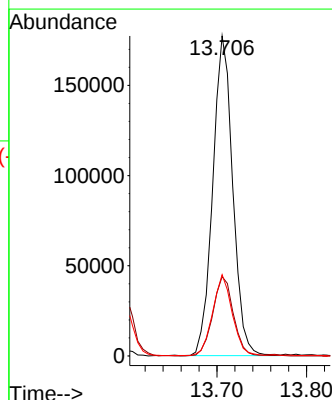
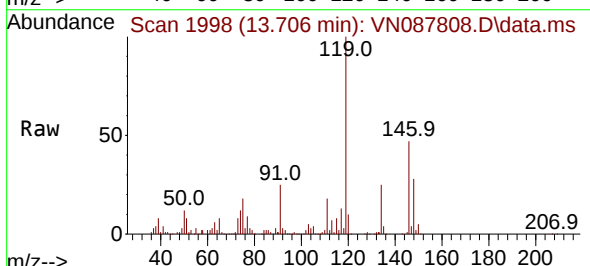
Tgt Ion:119 Resp: 273836

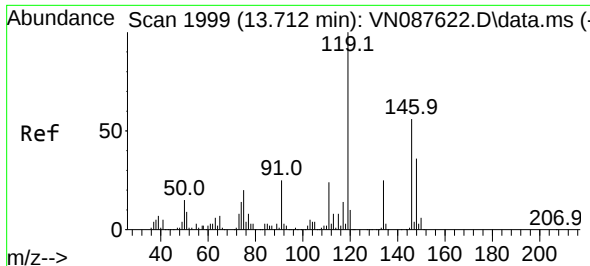
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.0

91 24.8 12.5 37.5

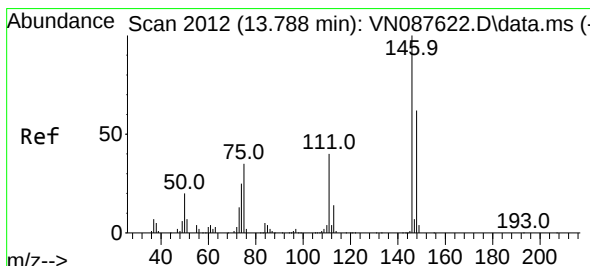
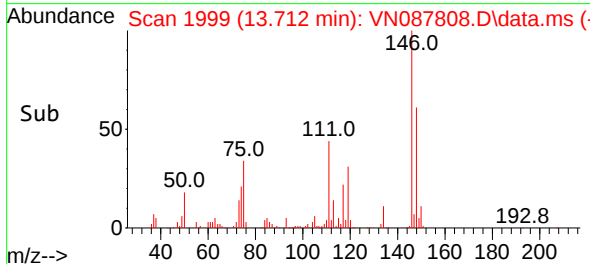
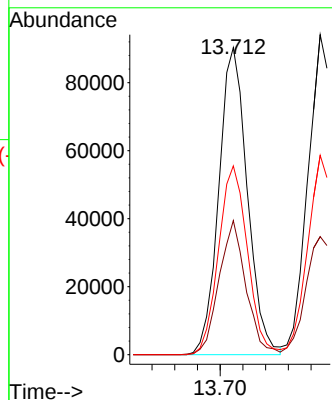
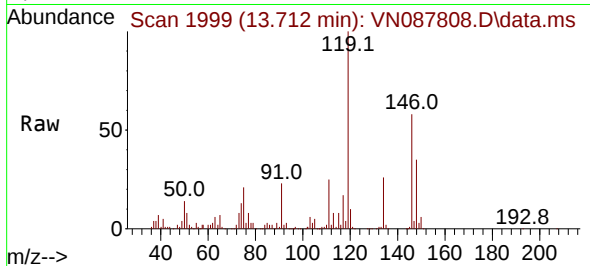




#87
 1,3-Dichlorobenzene
 Concen: 28.589 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN087808.D
 Acq: 11 Sep 2025 18:53

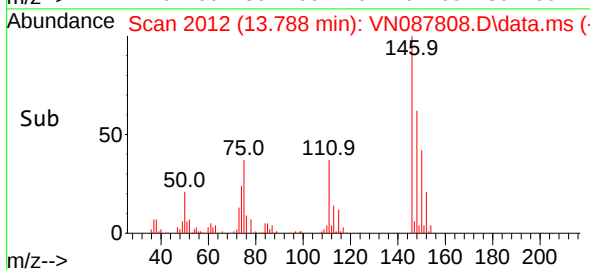
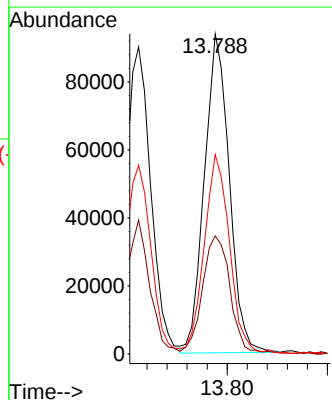
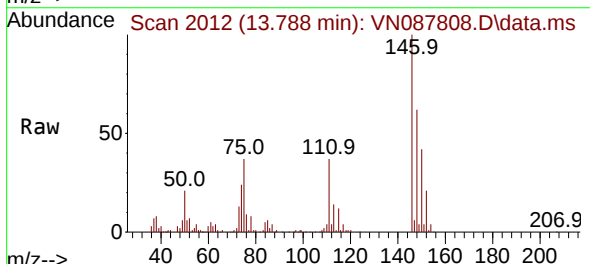
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBS02

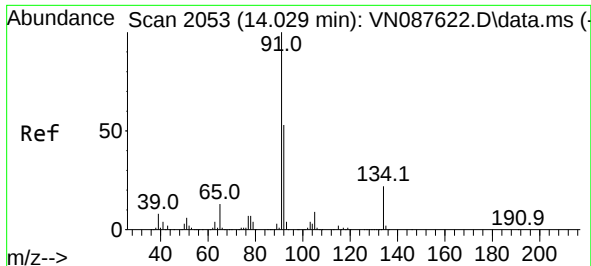
Tgt Ion:146 Resp: 157698
 Ion Ratio Lower Upper
 146 100
 111 41.3 22.1 66.5
 148 62.4 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 28.205 ug/l
 RT: 13.788 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN087808.D
 Acq: 11 Sep 2025 18:53

Tgt Ion:146 Resp: 161904
 Ion Ratio Lower Upper
 146 100
 111 40.9 21.0 63.0
 148 62.3 32.0 96.0





#89

n-Butylbenzene

Concen: 25.571 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS02

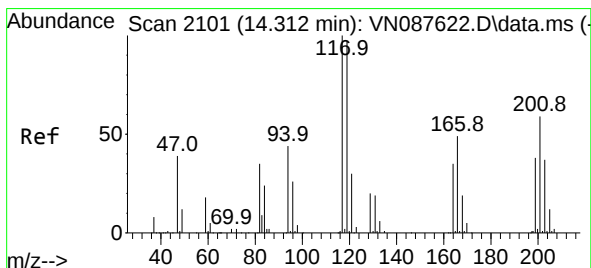
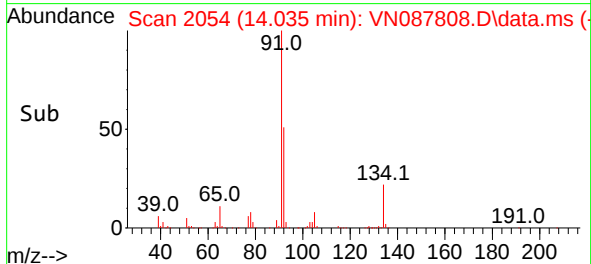
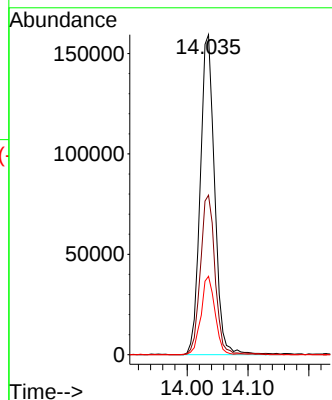
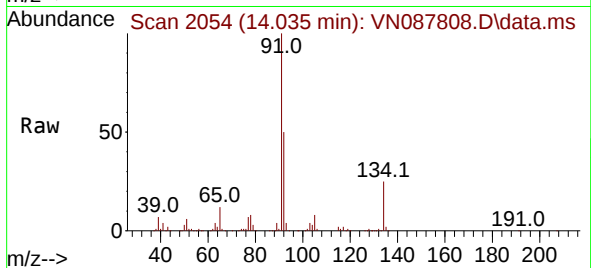
Tgt Ion: 91 Resp: 261342

Ion Ratio Lower Upper

91 100

92 50.3 25.9 77.8

134 23.8 11.7 35.0



#90

Hexachloroethane

Concen: 24.411 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087808.D

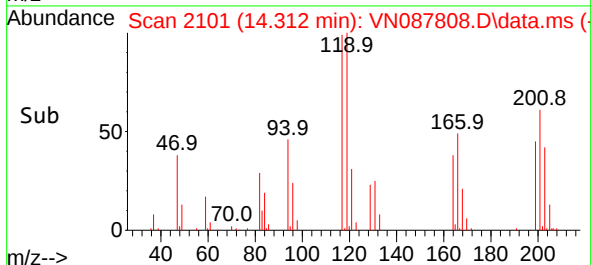
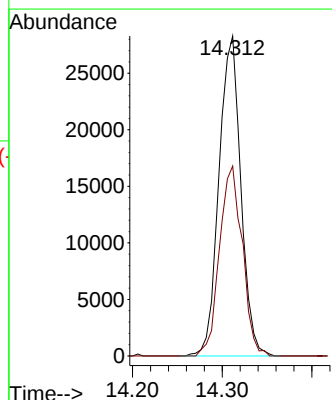
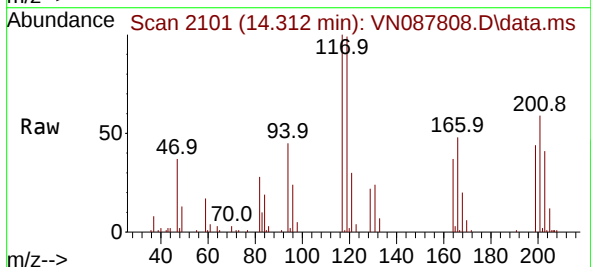
Acq: 11 Sep 2025 18:53

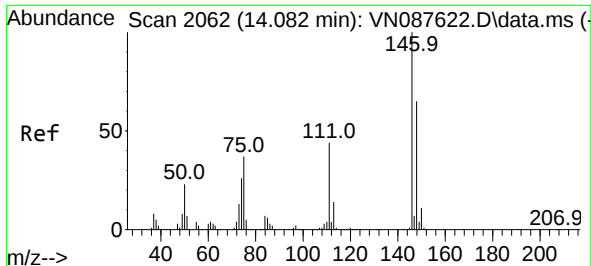
Tgt Ion: 117 Resp: 47860

Ion Ratio Lower Upper

117 100

201 61.9 29.1 87.4

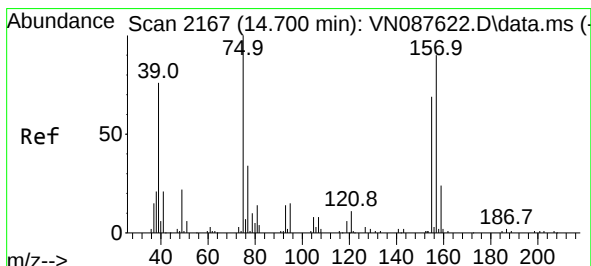
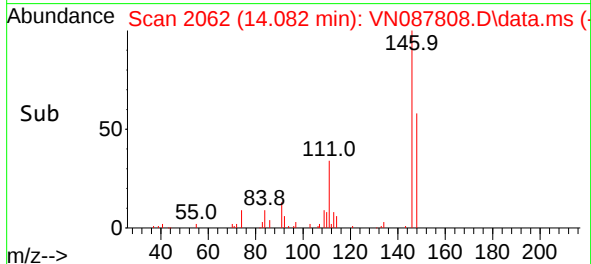
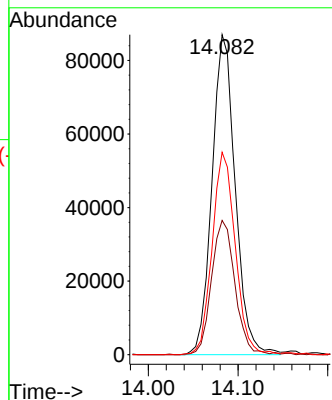
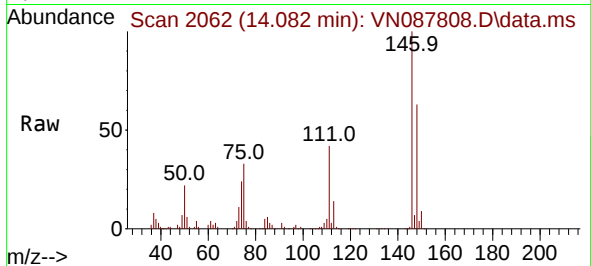




#91
1,2-Dichlorobenzene
Concen: 29.892 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

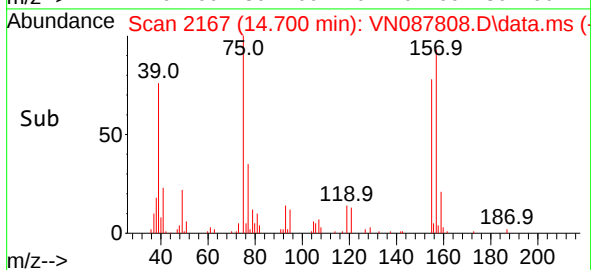
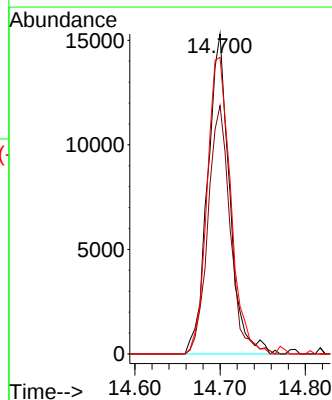
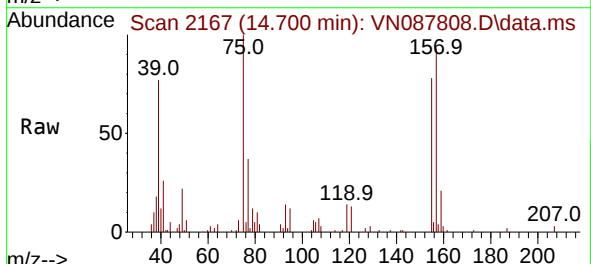
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

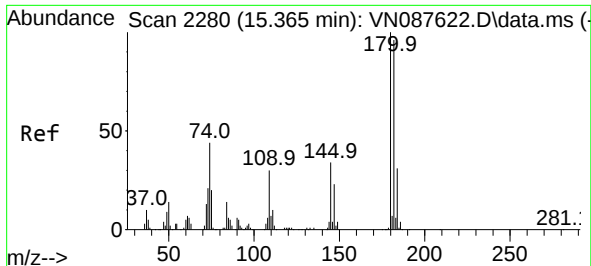
Tgt Ion:146 Resp: 156427
Ion Ratio Lower Upper
146 100
111 42.6 22.6 67.8
148 62.9 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 28.115 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion: 75 Resp: 27316
Ion Ratio Lower Upper
75 100
155 78.9 36.6 109.9
157 99.9 45.6 136.9

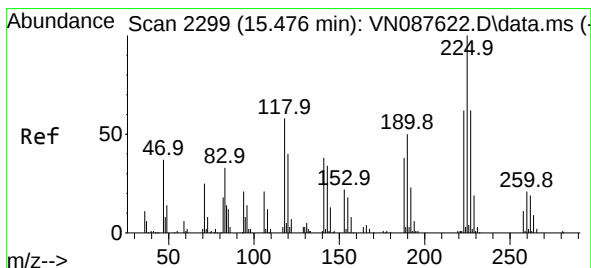
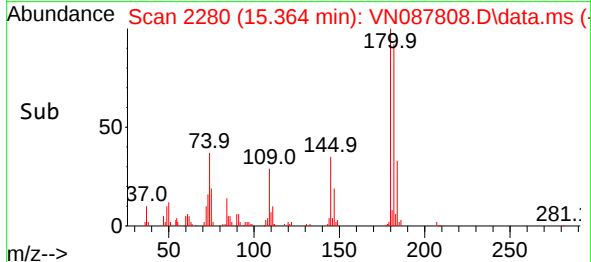
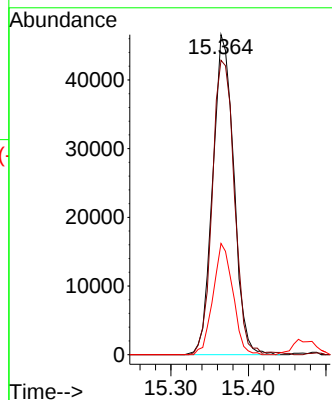
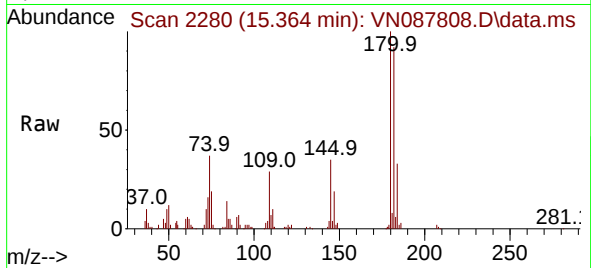




#93
1,2,4-Trichlorobenzene
Concen: 27.991 ug/l
RT: 15.364 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

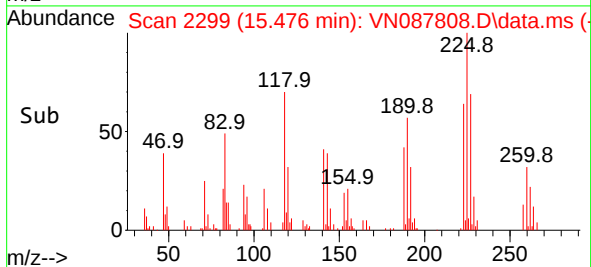
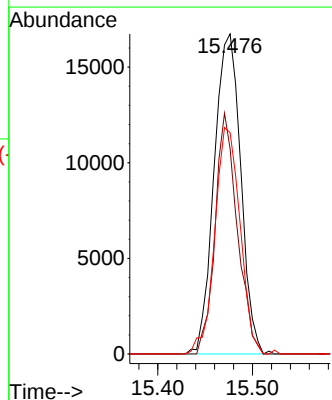
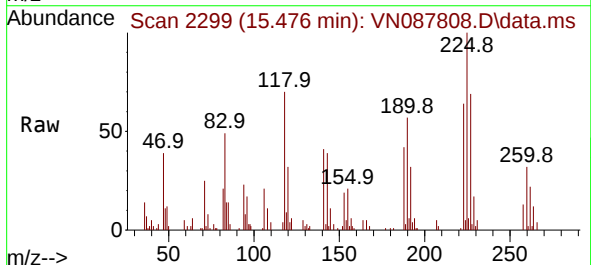
Instrument :
MSVOA_N
ClientSampleId :
VN0911WBS02

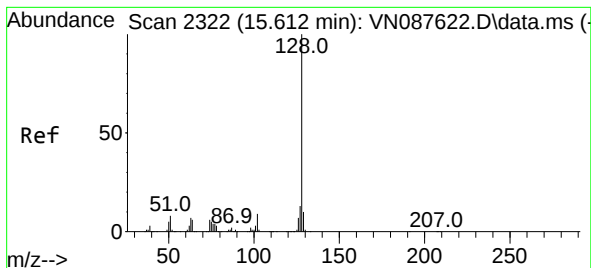
Tgt Ion:180 Resp: 87960
Ion Ratio Lower Upper
180 100
182 96.2 47.6 142.9
145 32.7 16.5 49.5



#94
Hexachlorobutadiene
Concen: 29.141 ug/l
RT: 15.476 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VN087808.D
Acq: 11 Sep 2025 18:53

Tgt Ion:225 Resp: 32646
Ion Ratio Lower Upper
225 100
223 62.8 32.0 96.2
227 67.1 32.1 96.5





#95

Naphthalene

Concen: 27.955 ug/l

RT: 15.612 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBS02

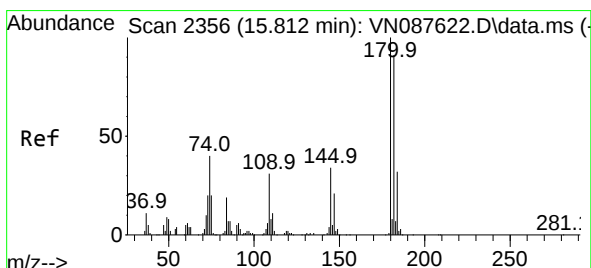
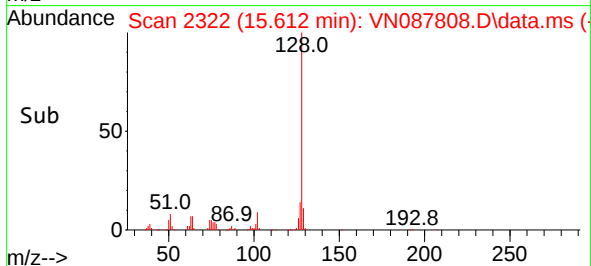
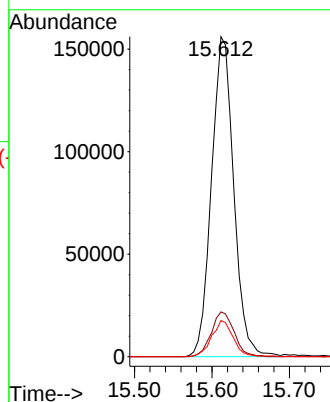
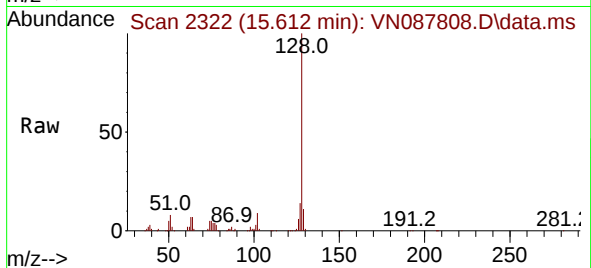
Tgt Ion:128 Resp: 311153

Ion Ratio Lower Upper

128 100

127 14.4 10.6 15.8

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 28.406 ug/l

RT: 15.812 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087808.D

Acq: 11 Sep 2025 18:53

Tgt Ion:180 Resp: 87263

Ion Ratio Lower Upper

180 100

182 95.3 46.8 140.3

145 35.0 17.3 52.0

