

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090225\
 Data File : VN087712.D
 Acq On : 02 Sep 2025 15:48
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Sep 03 01:53:56 2025
 Quant Title :
 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	200477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	401412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	356397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	173804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	207094	50.418	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.840%			
35) Dibromofluoromethane	8.147	113	141441	48.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.600%			
50) Toluene-d8	10.547	98	477423	44.013	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 88.020%			
62) 4-Bromofluorobenzene	12.829	95	173316	44.928	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 89.860%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.142	85	122659	43.079	ug/l	96
3) Chloromethane	2.383	50	139136	47.550	ug/l	96
4) Vinyl Chloride	2.536	62	147955	43.609	ug/l	99
5) Bromomethane	2.965	94	88159	50.359	ug/l	99
6) Chloroethane	3.130	64	107352	45.020	ug/l	98
7) Trichlorofluoromethane	3.512	101	218930	44.044	ug/l	99
8) Diethyl Ether	3.965	74	111046	51.296	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	119079	42.337	ug/l	98
10) Methyl Iodide	4.577	142	95996	46.259	ug/l	91
11) Tert butyl alcohol	5.518	59	192496	269.948	ug/l	98
12) 1,1-Dichloroethene	4.336	96	124579	43.101	ug/l	90
13) Acrolein	4.177	56	206054	235.049	ug/l	97
14) Allyl chloride	5.012	41	226901	43.320	ug/l	99
15) Acrylonitrile	5.706	53	515702	256.431	ug/l	99
16) Acetone	4.418	43	485687	217.211	ug/l	95
17) Carbon Disulfide	4.700	76	316484	39.774	ug/l	97
18) Methyl Acetate	5.012	43	268023	57.248	ug/l	98
19) Methyl tert-butyl Ether	5.783	73	571091	52.669	ug/l	97
20) Methylene Chloride	5.259	84	162407	50.221	ug/l	94
21) trans-1,2-Dichloroethene	5.765	96	135643	43.301	ug/l	99
22) Diisopropyl ether	6.653	45	581356	51.433	ug/l	100
23) Vinyl Acetate	6.589	43	2649626	257.658	ug/l	100
24) 1,1-Dichloroethane	6.553	63	288281	46.516	ug/l	99
25) 2-Butanone	7.465	43	732790	249.099	ug/l	100
26) 2,2-Dichloropropane	7.471	77	207370	38.986	ug/l	99
27) cis-1,2-Dichloroethene	7.465	96	173871	46.429	ug/l	99
28) Bromochloromethane	7.800	49	146412	48.867	ug/l	99
29) Tetrahydrofuran	7.824	42	488257	257.902	ug/l	98
30) Chloroform	7.947	83	308436	48.760	ug/l	95
31) Cyclohexane	8.235	56	204692	39.619	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	236134	44.048	ug/l	98
36) 1,1-Dichloropropene	8.347	75	181827	40.895	ug/l	100
37) Ethyl Acetate	7.547	43	297079	48.897	ug/l	98
38) Carbon Tetrachloride	8.341	117	189353	43.134	ug/l	96
39) Methylcyclohexane	9.582	83	195260	39.890	ug/l	93
40) Benzene	8.588	78	621399	45.567	ug/l	100
41) Methacrylonitrile	7.759	41	157798	50.139	ug/l	98

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 ALS Vial : 11 Sample Multiplier: 1

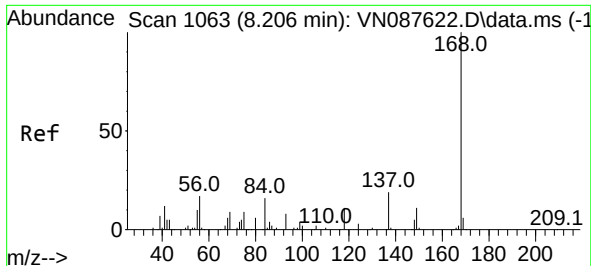
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 03 01:53:56 2025
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.653	62	252041	48.095	ug/l	99
43) Isopropyl Acetate	8.671	43	488674	51.517	ug/l	99
44) Trichloroethene	9.335	130	131094	42.106	ug/l	97
45) 1,2-Dichloropropane	9.600	63	162818	45.295	ug/l	98
46) Dibromomethane	9.688	93	123924	48.446	ug/l	98
47) Bromodichloromethane	9.865	83	253325	48.322	ug/l	96
48) Methyl methacrylate	9.659	41	226348	50.448	ug/l	99
49) 1,4-Dioxane	9.682	88	65061	1118.762	ug/l #	95
51) 4-Methyl-2-Pentanone	10.424	43	1484288	259.352	ug/l	99
52) Toluene	10.606	92	360579	42.651	ug/l	99
53) t-1,3-Dichloropropene	10.818	75	265707	48.965	ug/l	96
54) cis-1,3-Dichloropropene	10.294	75	268654	47.681	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	160454	49.062	ug/l	97
56) Ethyl methacrylate	10.859	69	277562	53.105	ug/l	98
57) 1,3-Dichloropropane	11.141	76	281674	48.665	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.141	63	766268	270.869	ug/l	99
59) 2-Hexanone	11.176	43	1010543	279.389	ug/l	99
60) Dibromochloromethane	11.335	129	186541	49.226	ug/l	98
61) 1,2-Dibromoethane	11.447	107	170610	49.473	ug/l	99
64) Tetrachloroethene	11.082	164	102888	41.611	ug/l	94
65) Chlorobenzene	11.871	112	396138	44.678	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	146720	49.844	ug/l	100
67) Ethyl Benzene	11.941	91	684899	44.613	ug/l	98
68) m/p-Xylenes	12.047	106	511229	90.801	ug/l	98
69) o-Xylene	12.376	106	255146	46.242	ug/l	99
70) Styrene	12.388	104	437041	47.279	ug/l	99
71) Bromoform	12.559	173	120096	53.198	ug/l #	99
73) Isopropylbenzene	12.676	105	631210	44.944	ug/l	100
74) N-amyl acetate	12.500	43	285655m	53.670	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.918	83	252638	52.248	ug/l	98
76) 1,2,3-Trichloropropane	12.970	75	200617m	49.222	ug/l	
77) Bromobenzene	12.959	156	152695	46.111	ug/l	93
78) n-propylbenzene	13.012	91	780067	45.092	ug/l	99
79) 2-Chlorotoluene	13.106	91	472490	45.386	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	539966	45.321	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.718	75	95410	61.972	ug/l #	77
82) 4-Chlorotoluene	13.200	91	471940	43.117	ug/l	97
83) tert-Butylbenzene	13.417	119	454908	45.819	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	549031	46.033	ug/l	98
85) sec-Butylbenzene	13.594	105	661453	44.894	ug/l	100
86) p-Isopropyltoluene	13.706	119	546754	44.940	ug/l	100
87) 1,3-Dichlorobenzene	13.712	146	293464	45.002	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	298929	44.049	ug/l	99
89) n-Butylbenzene	14.035	91	541411	44.808	ug/l	99
90) Hexachloroethane	14.312	117	106431	45.918	ug/l	99
91) 1,2-Dichlorobenzene	14.082	146	283702	45.857	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	58250	50.712	ug/l	99
93) 1,2,4-Trichlorobenzene	15.370	180	164720	44.338	ug/l	99
94) Hexachlorobutadiene	15.470	225	54839	41.405	ug/l	93
95) Naphthalene	15.611	128	644362	48.968	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	161699	44.522	ug/l	98

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

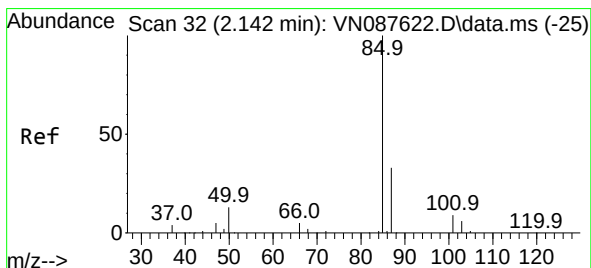
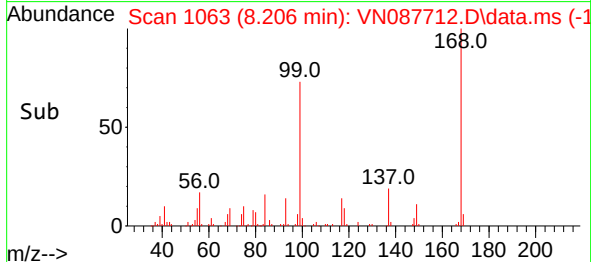
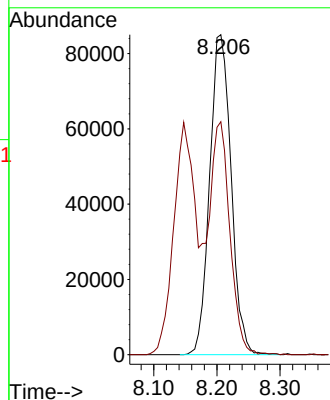
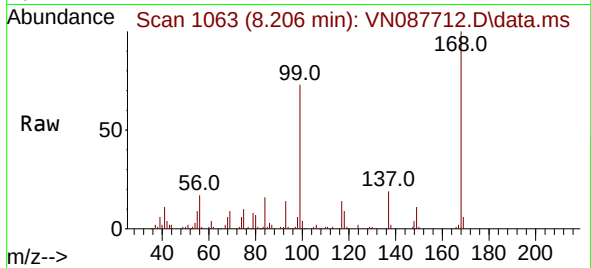
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

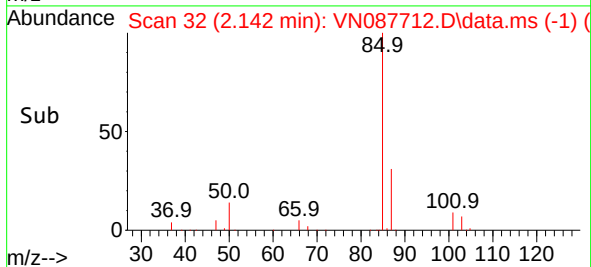
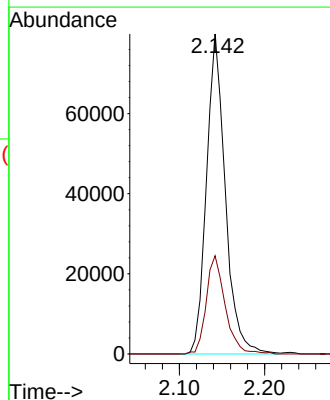
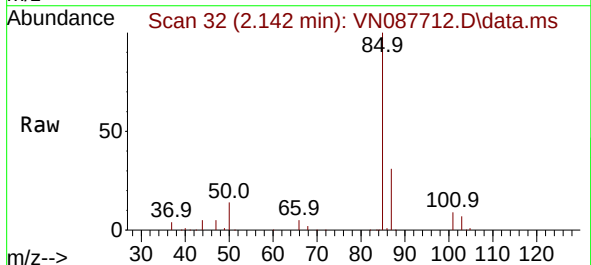
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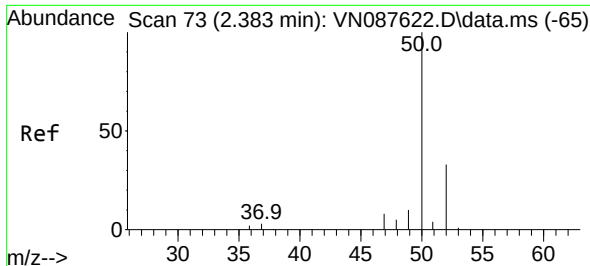
Tgt Ion:168 Resp: 200477
Ion Ratio Lower Upper
168 100
99 72.8 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 43.079 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 85 Resp: 122659
Ion Ratio Lower Upper
85 100
87 30.7 16.6 49.8

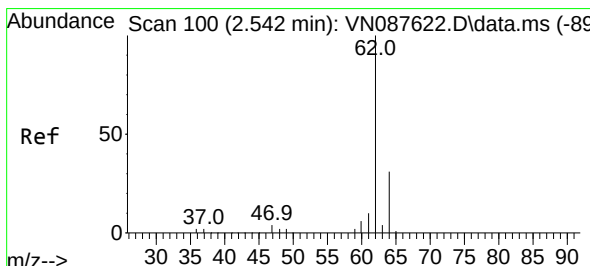
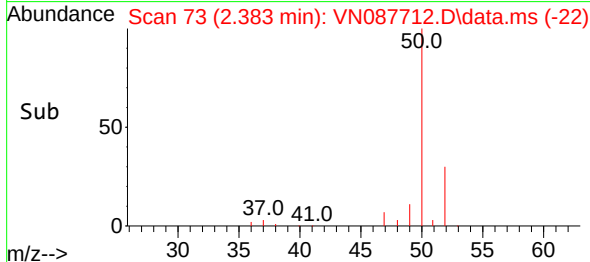
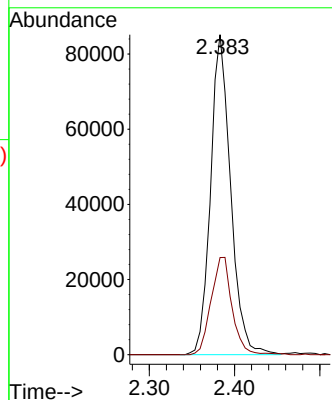
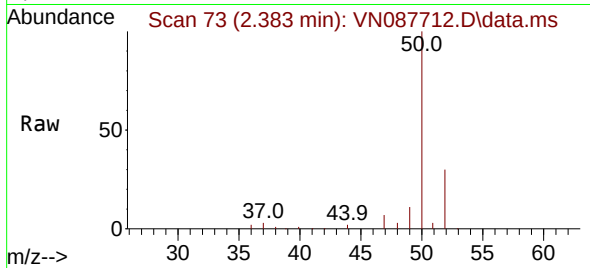




#3
Chloromethane
Concen: 47.550 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

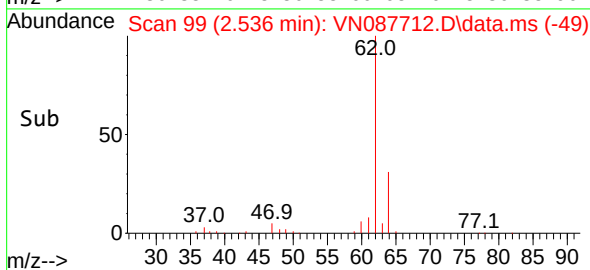
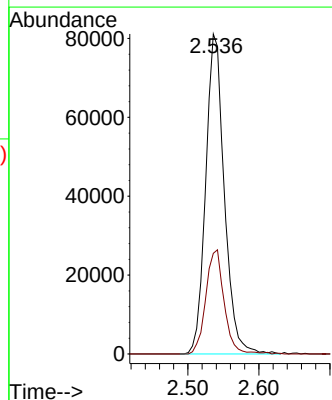
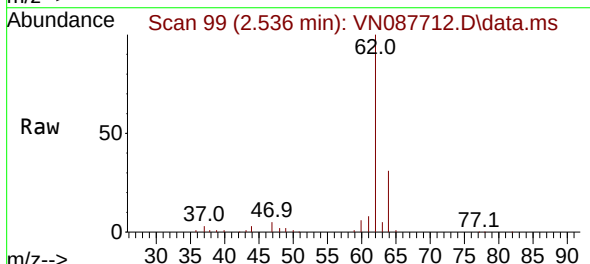
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ClientSampleId :
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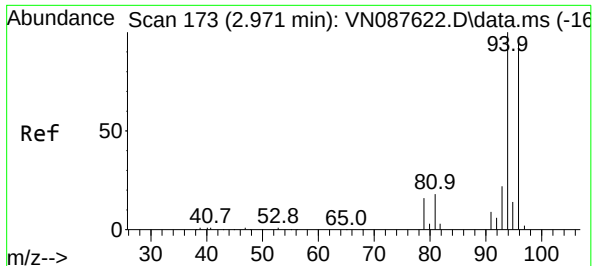
Tgt Ion: 50 Resp: 139136
Ion Ratio Lower Upper
50 100
52 30.3 26.2 39.4



#4
Vinyl Chloride
Concen: 43.609 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 62 Resp: 147955
Ion Ratio Lower Upper
62 100
64 31.5 24.6 37.0

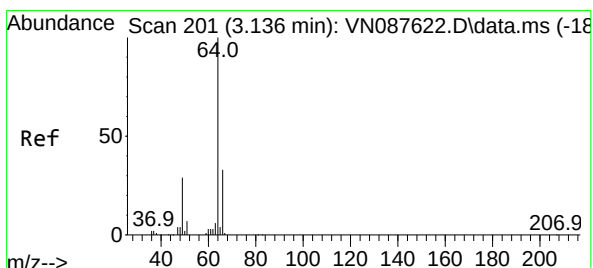
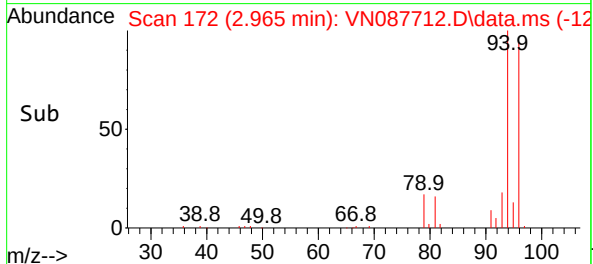
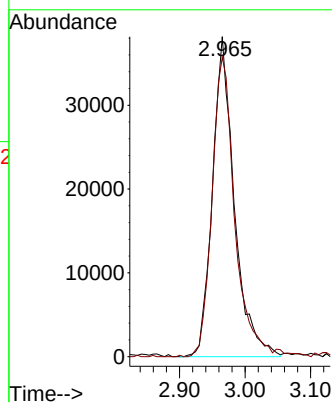
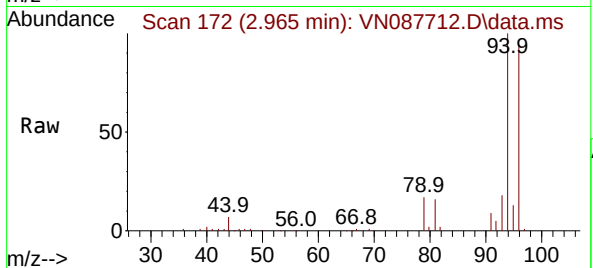




#5
Bromomethane
Concen: 50.359 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

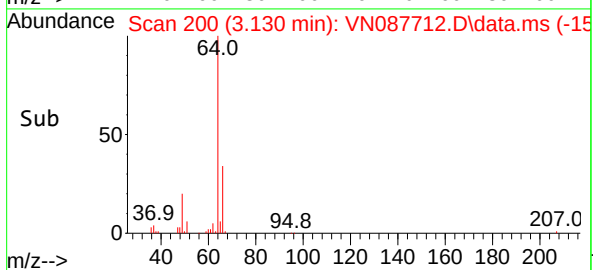
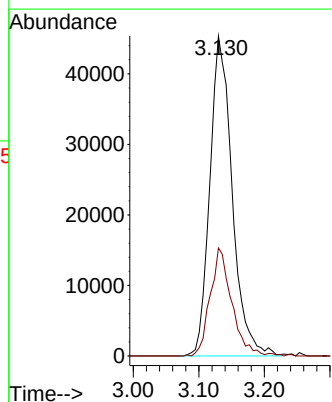
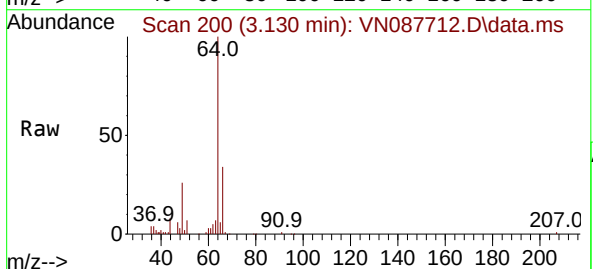
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ClientSampleId :
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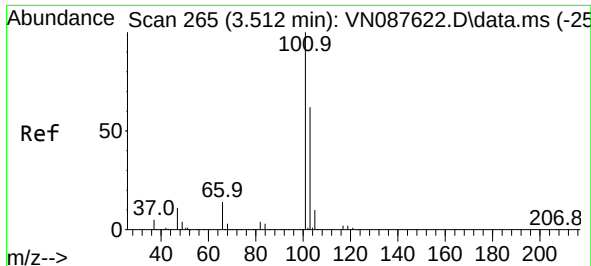
Tgt Ion: 94 Resp: 88159
Ion Ratio Lower Upper
94 100
96 93.1 75.4 113.2



#6
Chloroethane
Concen: 45.020 ug/l
RT: 3.130 min Scan# 200
Delta R.T. -0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 64 Resp: 107352
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.2

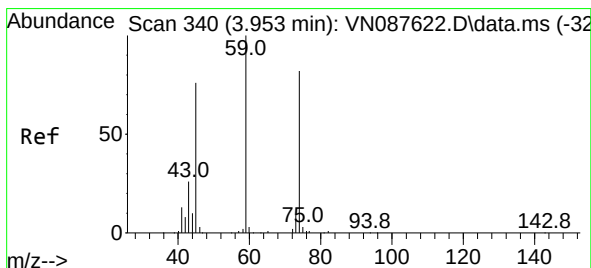
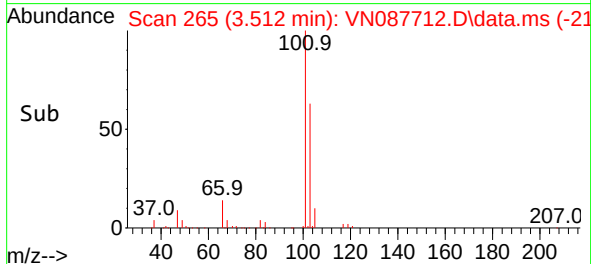
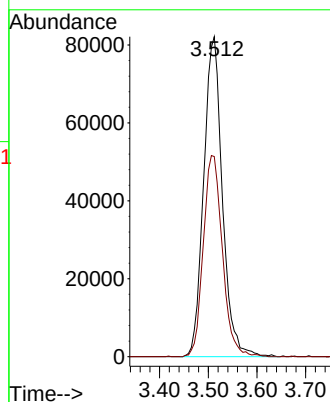
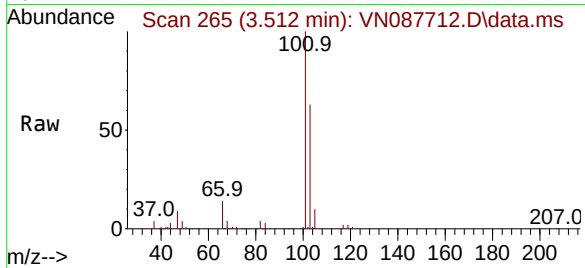




#7
 Trichlorofluoromethane
 Concen: 44.044 ug/l
 RT: 3.512 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

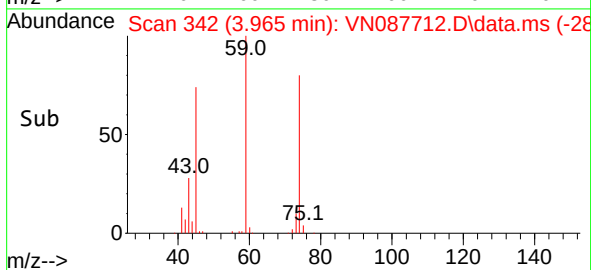
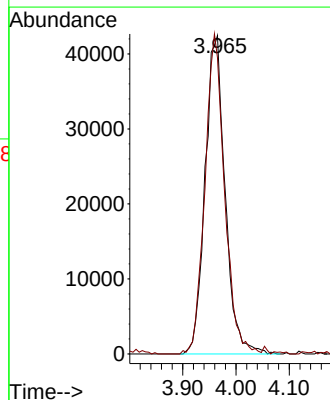
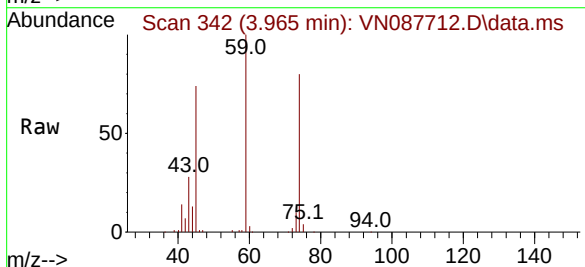
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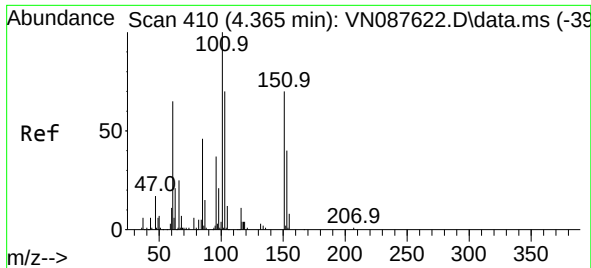
Tgt Ion:101 Resp: 218930
 Ion Ratio Lower Upper
 101 100
 103 62.6 49.4 74.0



#8
 Diethyl Ether
 Concen: 51.296 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

Tgt Ion: 74 Resp: 111046
 Ion Ratio Lower Upper
 74 100
 45 98.6 50.6 151.9

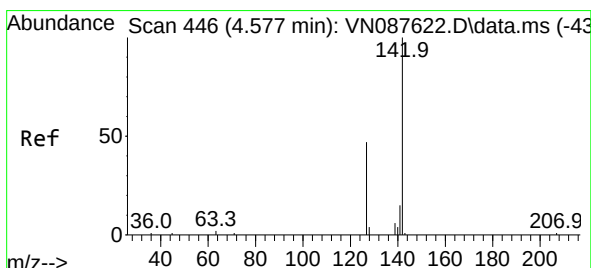
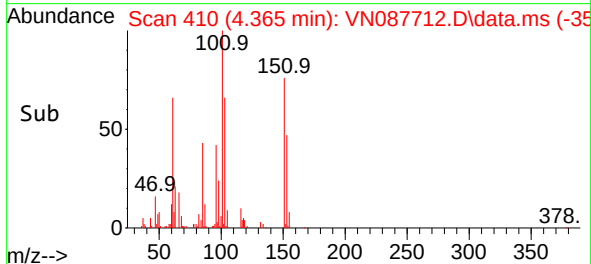
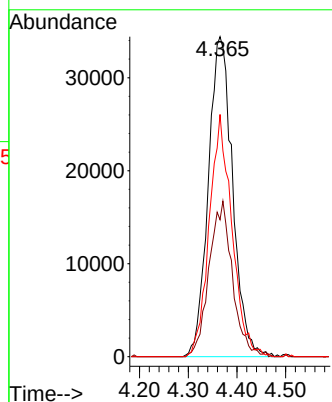
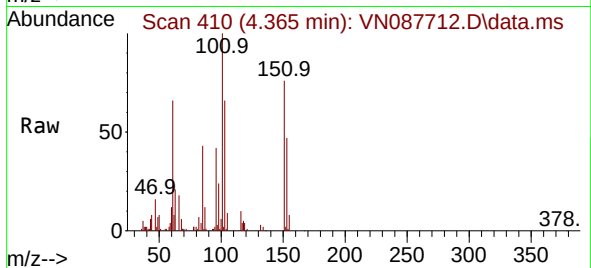




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.337 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

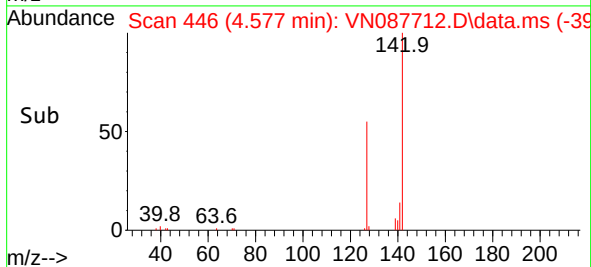
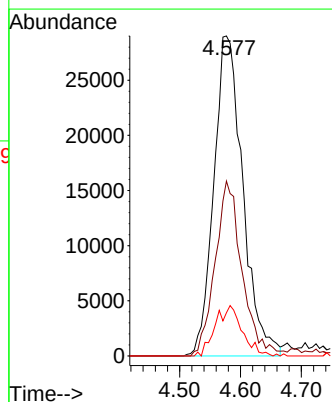
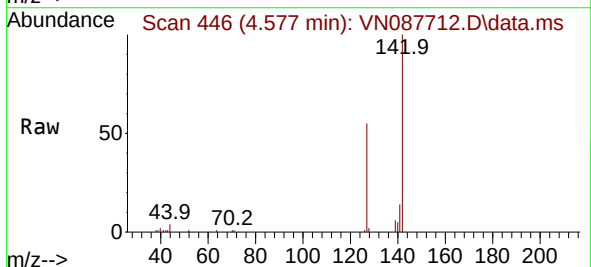
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

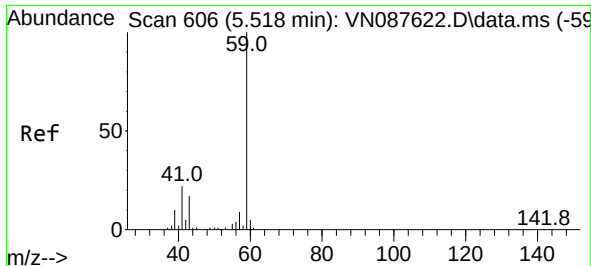
Tgt Ion:101 Resp: 119079
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 70.8 54.7 82.1



#10
Methyl Iodide
Concen: 46.259 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion:142 Resp: 95996
Ion Ratio Lower Upper
142 100
127 54.6 38.0 57.0
141 13.5 12.0 18.0

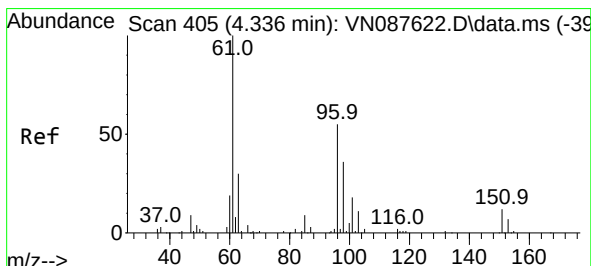
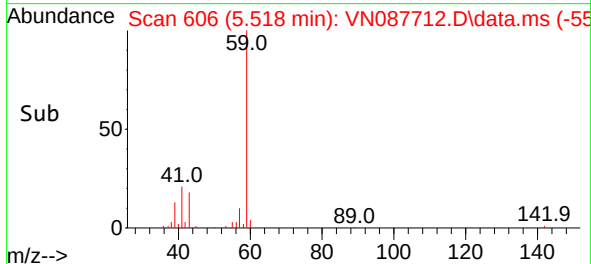
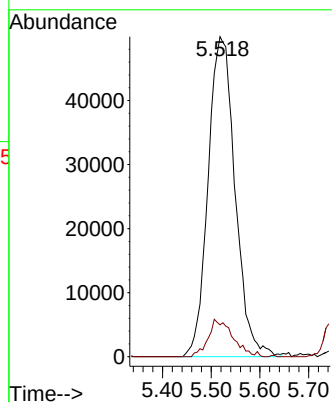
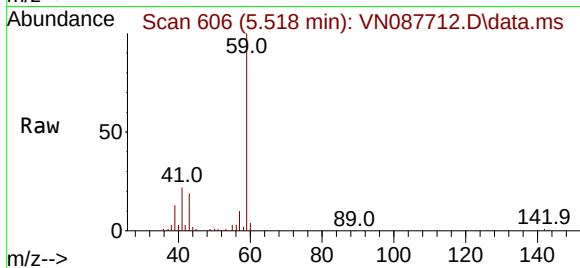




#11
Tert butyl alcohol
Concen: 269.948 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

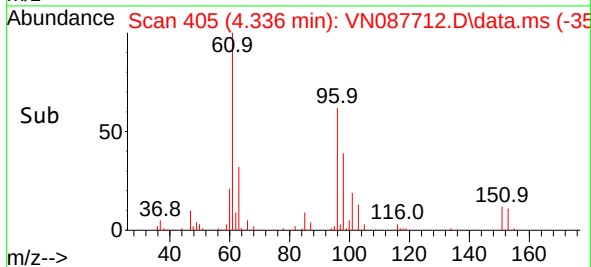
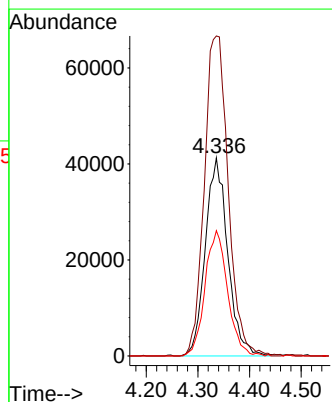
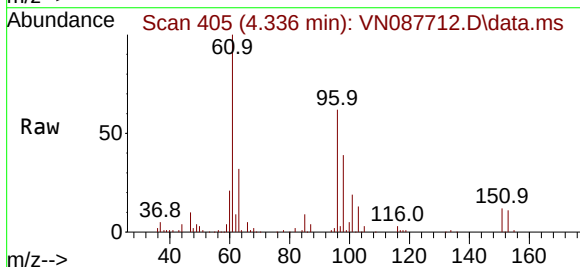
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

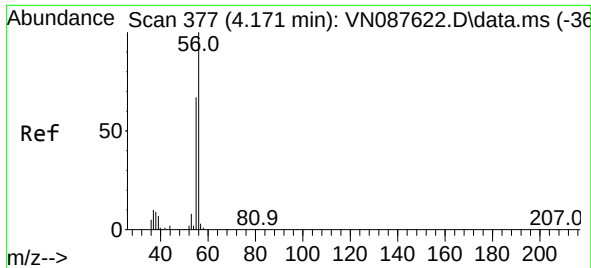
Tgt Ion: 59 Resp: 192496
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4



#12
1,1-Dichloroethene
Concen: 43.101 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 96 Resp: 124579
Ion Ratio Lower Upper
96 100
61 161.5 143.8 215.8
98 63.3 52.1 78.1

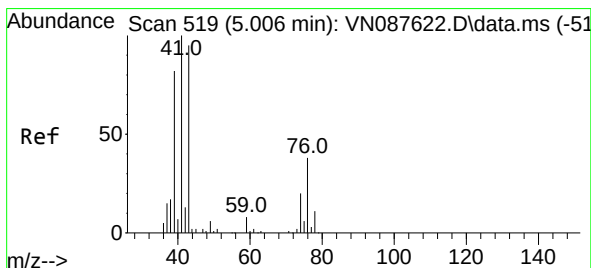
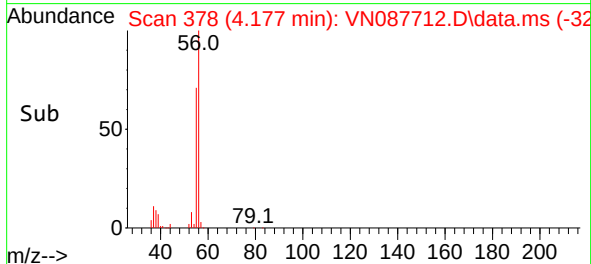
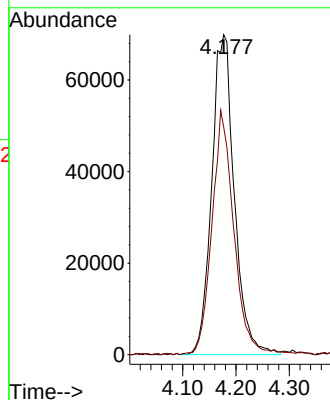
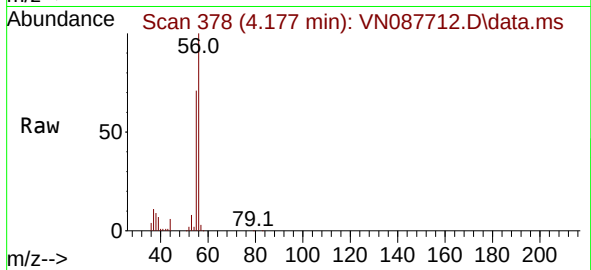




#13
Acrolein
Concen: 235.049 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

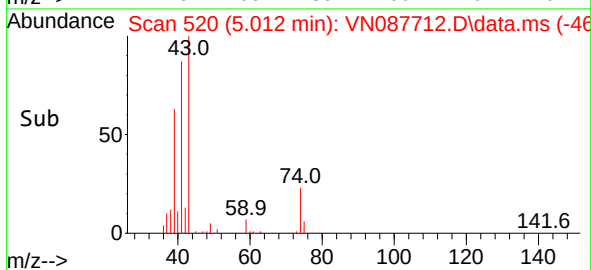
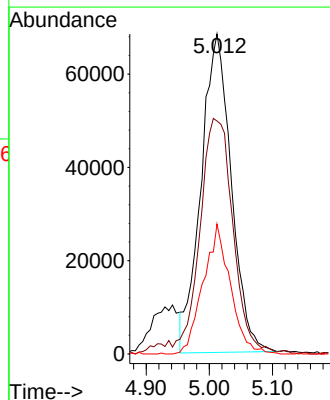
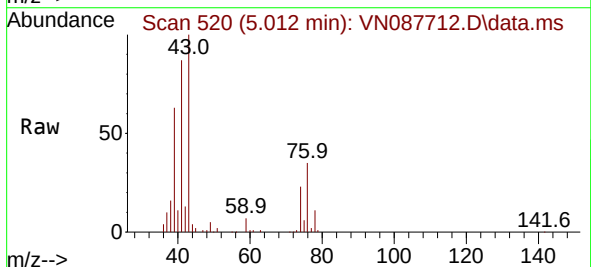
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

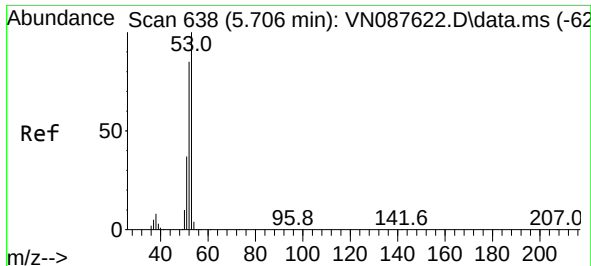
Tgt Ion: 56 Resp: 206054
Ion Ratio Lower Upper
56 100
55 74.2 57.3 85.9



#14
Allyl chloride
Concen: 43.320 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 41 Resp: 226901
Ion Ratio Lower Upper
41 100
39 80.0 63.9 95.9
76 36.6 28.1 42.1

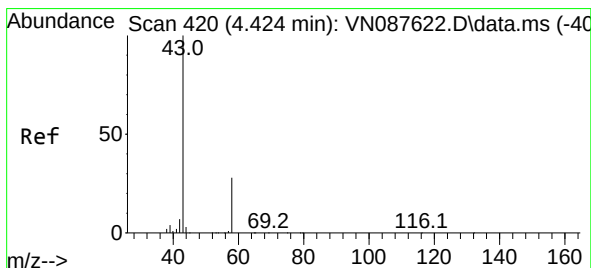
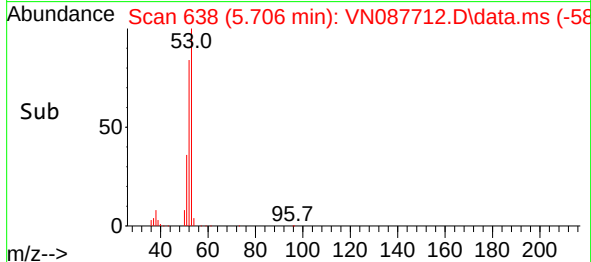
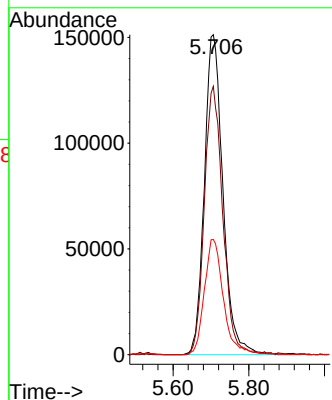
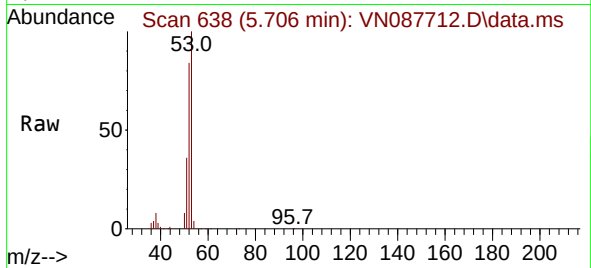




#15
Acrylonitrile
Concen: 256.431 ug/l
RT: 5.706 min Scan# 615
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

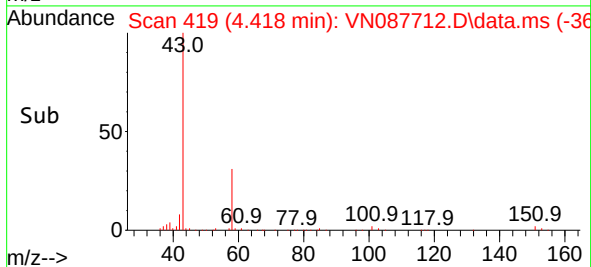
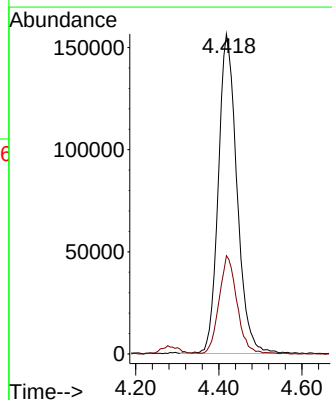
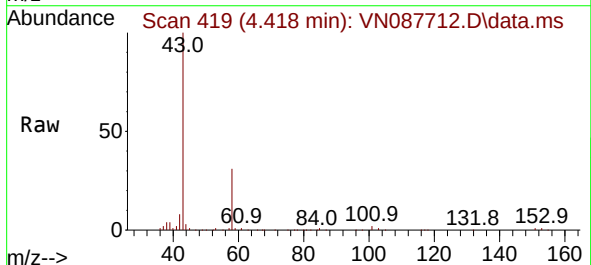
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

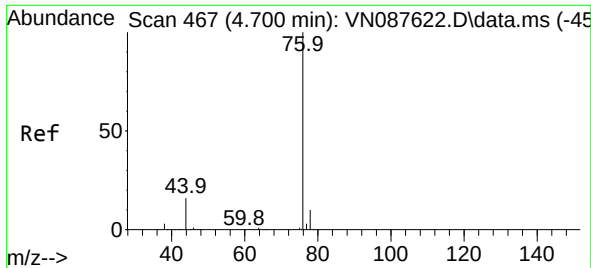
Tgt Ion: 53 Resp: 515702
Ion Ratio Lower Upper
53 100
52 83.3 67.6 101.4
51 36.9 30.1 45.1



#16
Acetone
Concen: 217.211 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 43 Resp: 485687
Ion Ratio Lower Upper
43 100
58 30.7 22.6 33.8

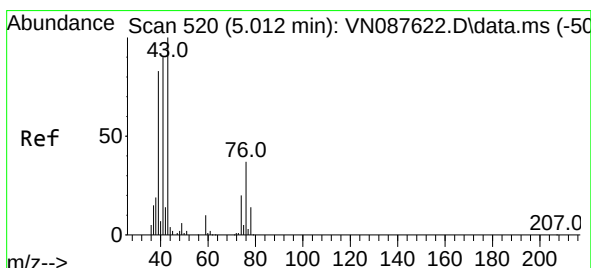
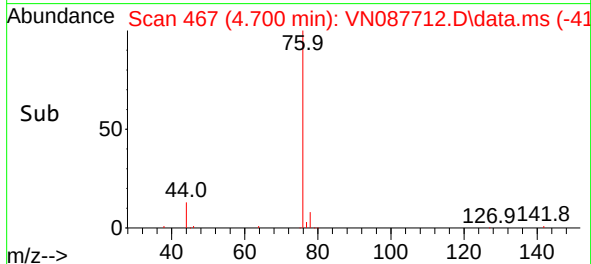
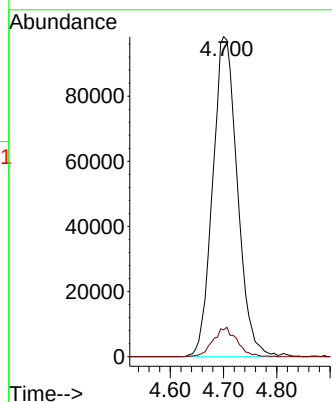
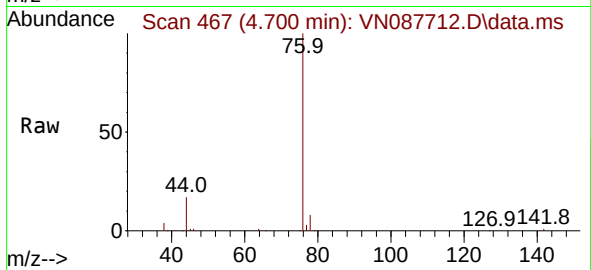




#17
Carbon Disulfide
Concen: 39.774 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

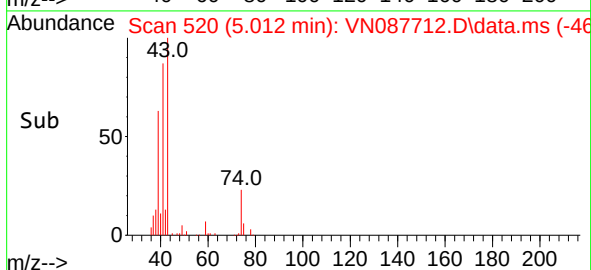
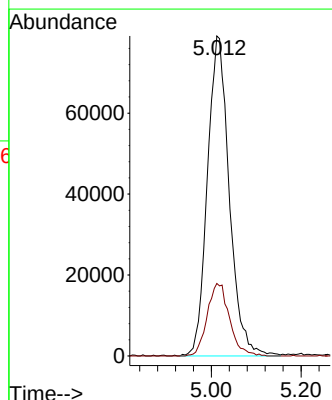
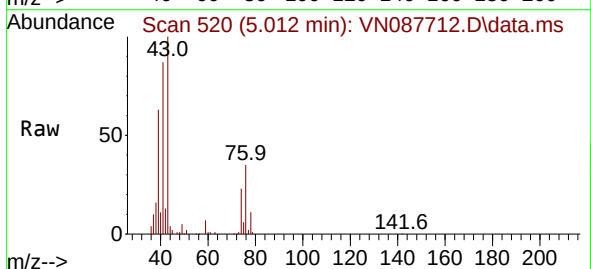
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

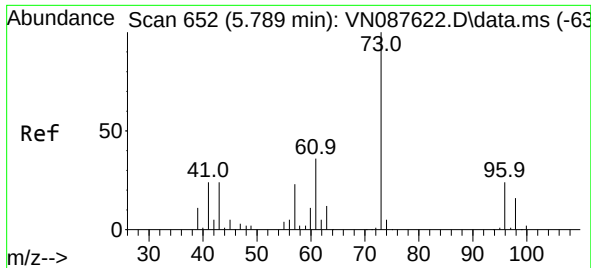
Tgt Ion: 76 Resp: 316484
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4



#18
Methyl Acetate
Concen: 57.248 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 43 Resp: 268023
Ion Ratio Lower Upper
43 100
74 23.0 17.6 26.4

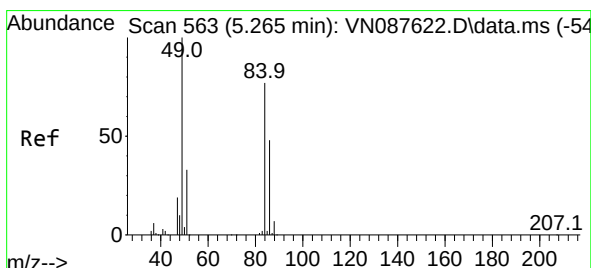
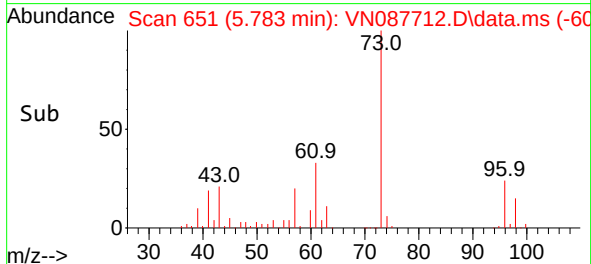
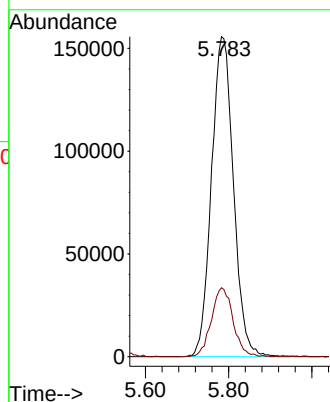
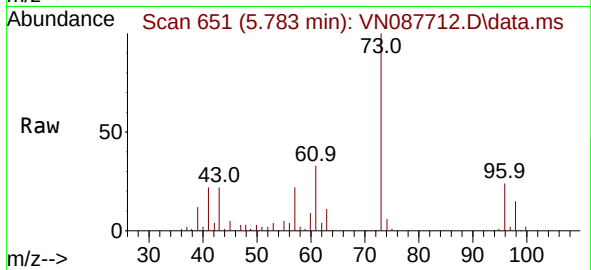




#19
Methyl tert-butyl Ether
Concen: 52.669 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

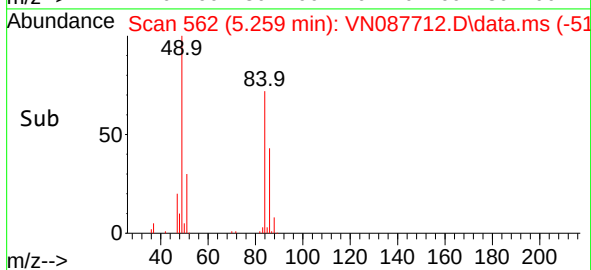
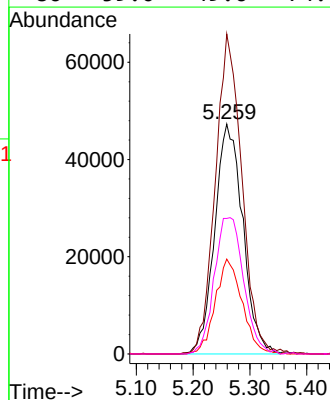
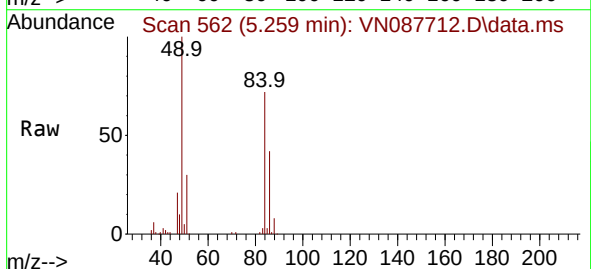
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

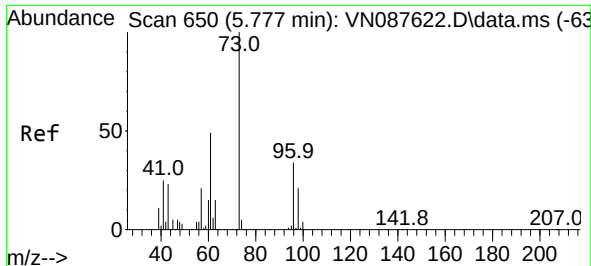
Tgt Ion: 73 Resp: 571091
Ion Ratio Lower Upper
73 100
57 21.5 18.4 27.6



#20
Methylene Chloride
Concen: 50.221 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 84 Resp: 162407
Ion Ratio Lower Upper
84 100
49 139.2 103.4 155.2
51 41.3 33.8 50.8
86 59.0 49.6 74.4

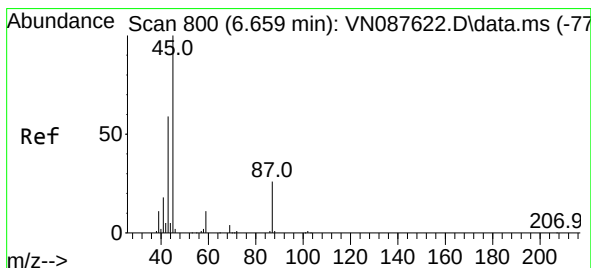
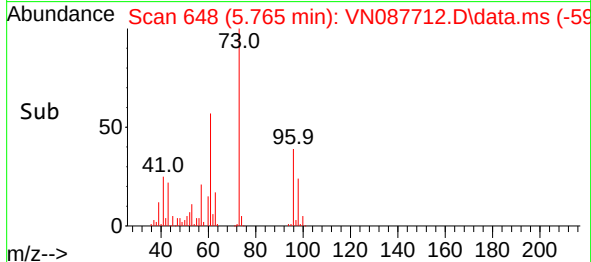
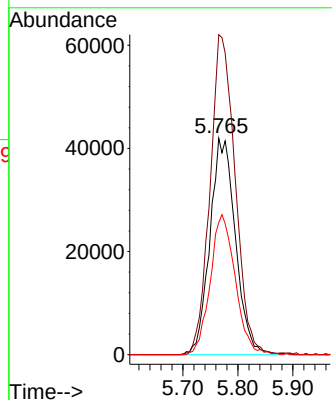
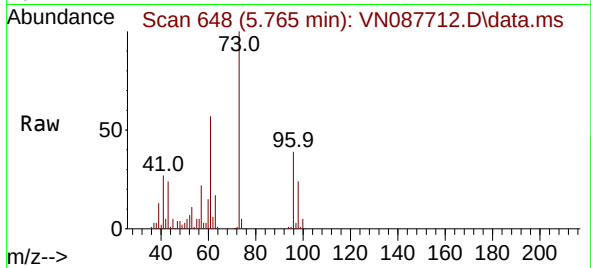




#21
trans-1,2-Dichloroethene
Concen: 43.301 ug/l
RT: 5.765 min Scan# 64
Delta R.T. -0.012 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

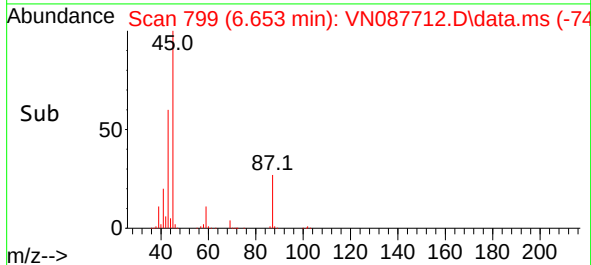
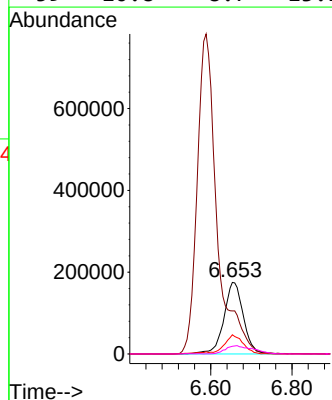
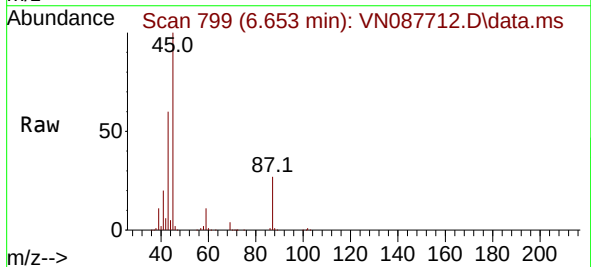
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

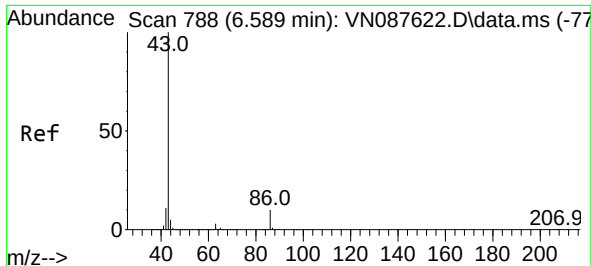
Tgt Ion: 96 Resp: 135643
Ion Ratio Lower Upper
96 100
61 147.9 118.0 177.0
98 61.0 50.0 75.0



#22
Diisopropyl ether
Concen: 51.433 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 45 Resp: 581356
Ion Ratio Lower Upper
45 100
43 59.4 47.7 71.5
87 26.9 21.4 32.0
59 10.8 8.7 13.1

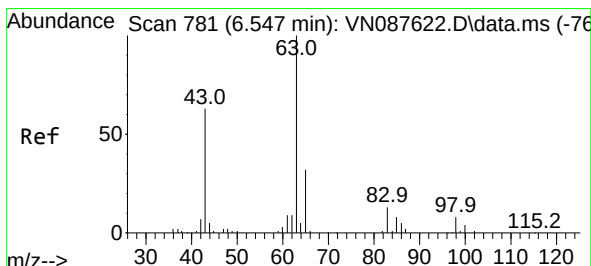
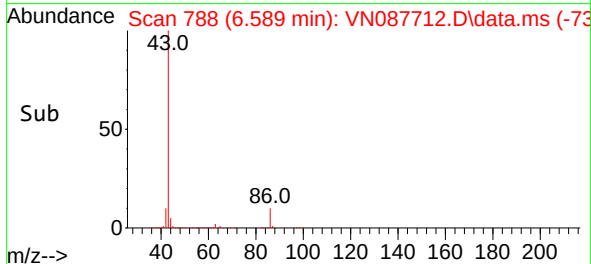
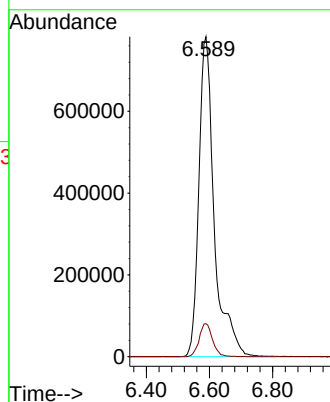
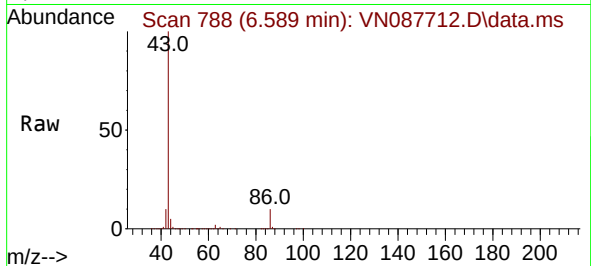




#23
 Vinyl Acetate
 Concen: 257.658 ug/l
 RT: 6.589 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

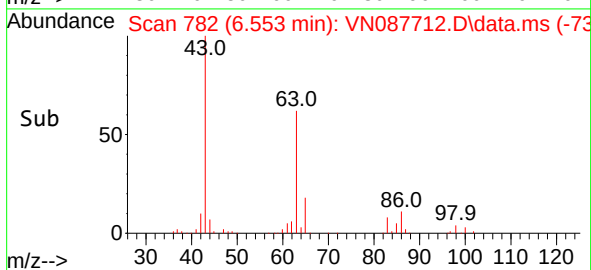
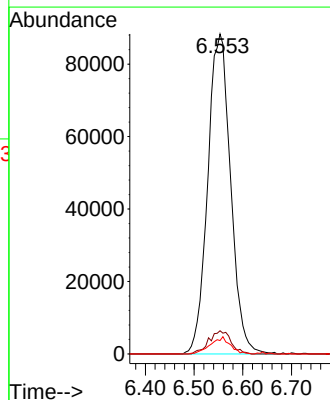
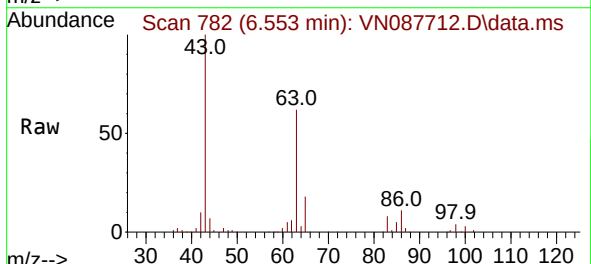
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

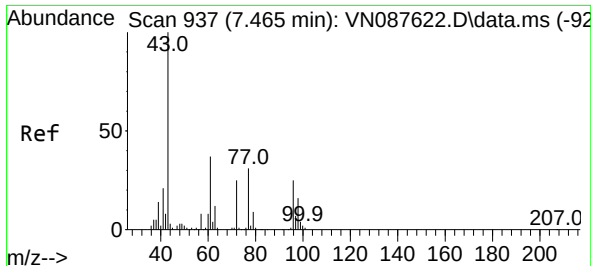
Tgt Ion: 43 Resp: 2649626
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 46.516 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

Tgt Ion: 63 Resp: 288281
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.2 2.0 6.0

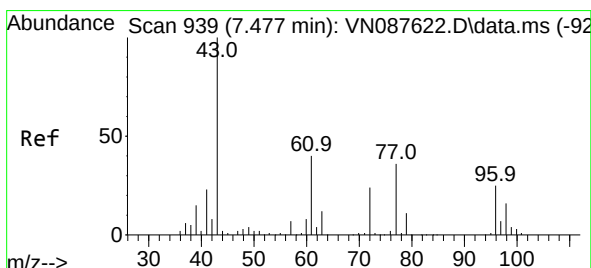
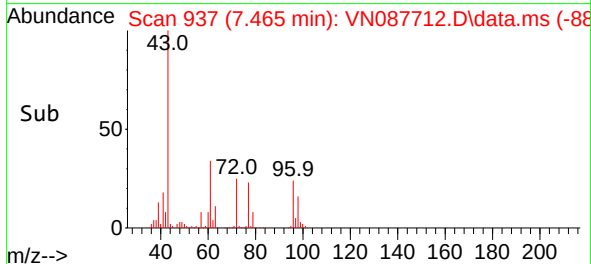
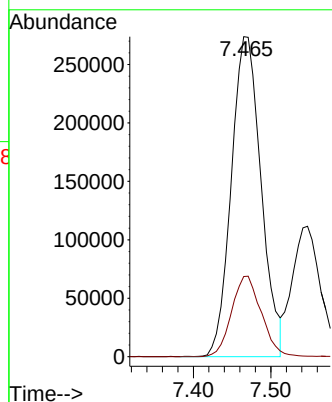
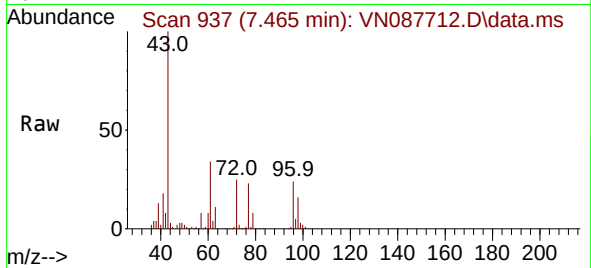




#25
2-Butanone
Concen: 249.099 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

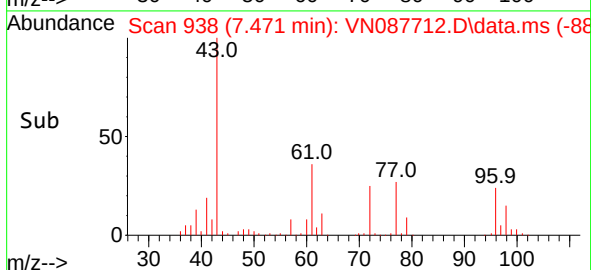
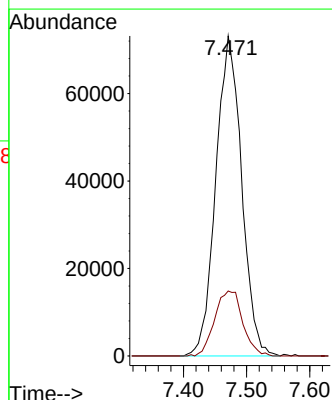
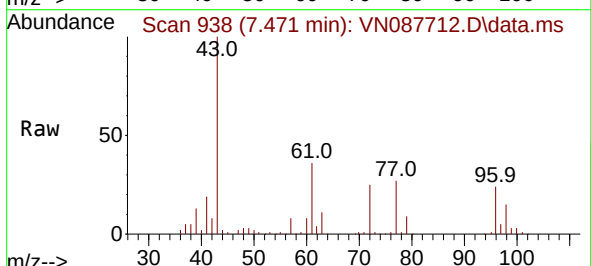
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

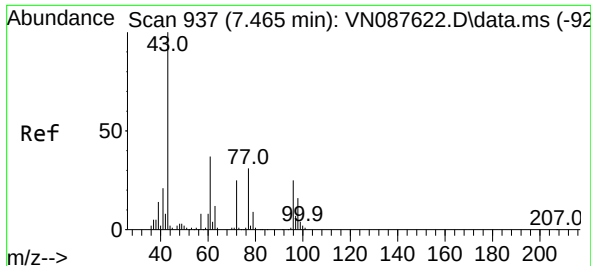
Tgt Ion: 43 Resp: 732790
Ion Ratio Lower Upper
43 100
72 25.0 19.9 29.9



#26
2,2-Dichloropropane
Concen: 38.986 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 77 Resp: 207370
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.7

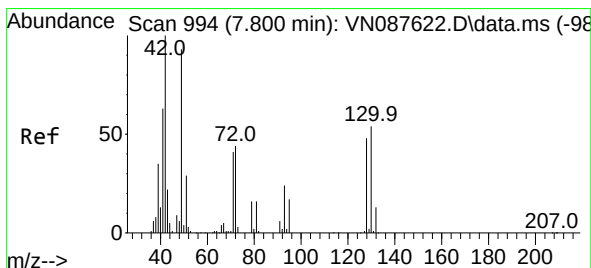
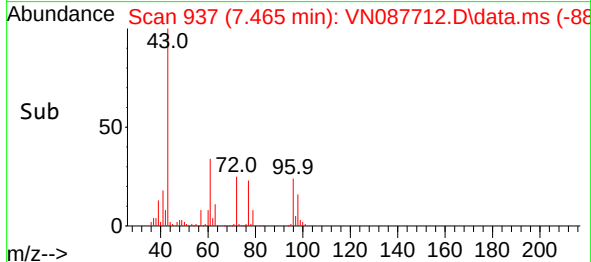
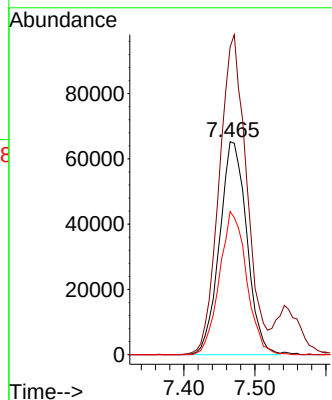
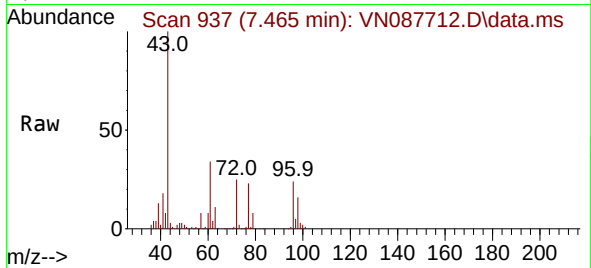




#27
 cis-1,2-Dichloroethene
 Concen: 46.429 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

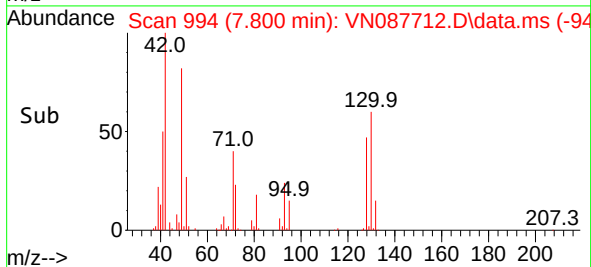
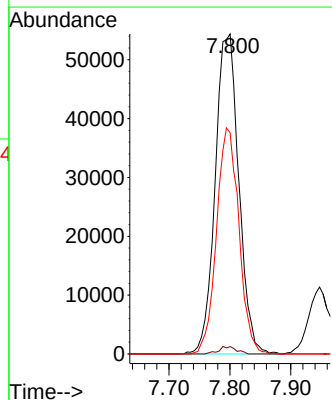
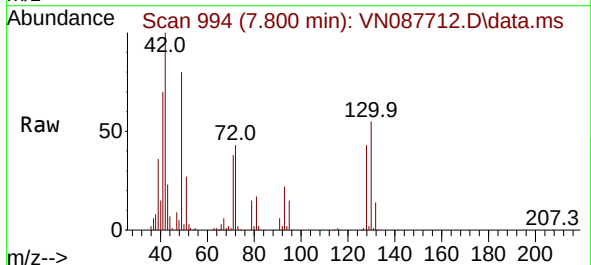
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

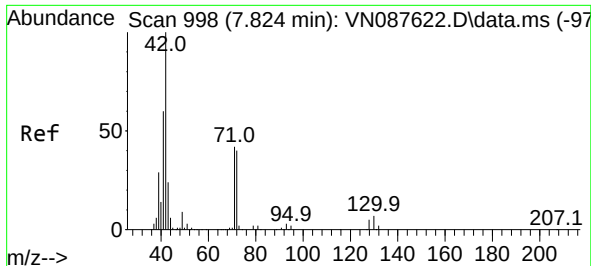
Tgt Ion: 96 Resp: 173871
 Ion Ratio Lower Upper
 96 100
 61 150.9 0.0 301.8
 98 67.0 0.0 126.2



#28
 Bromochloromethane
 Concen: 48.867 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

Tgt Ion: 49 Resp: 146412
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.0
 130 67.0 53.1 79.7





#29

Tetrahydrofuran

Concen: 257.902 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

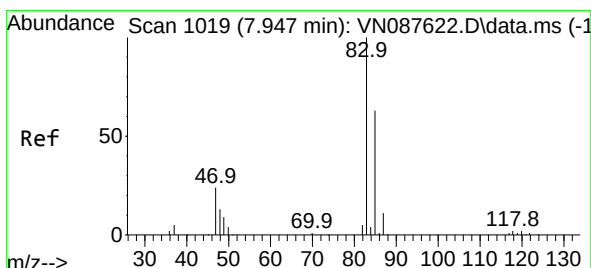
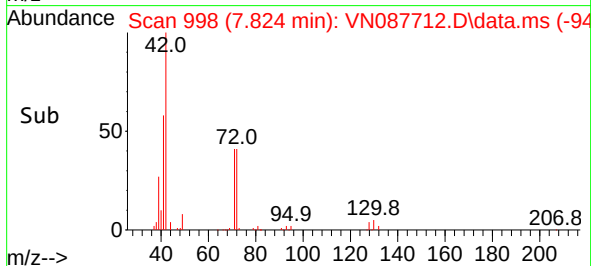
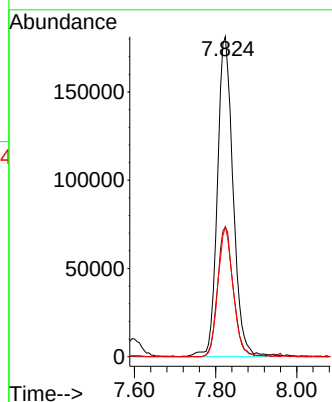
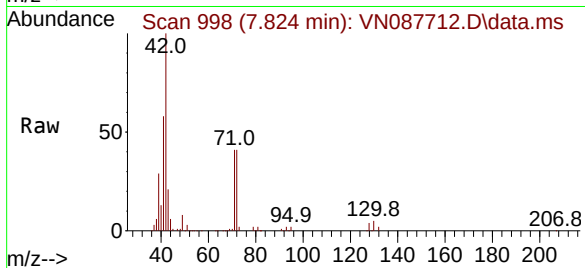
Tgt Ion: 42 Resp: 488257

Ion Ratio Lower Upper

42 100

72 40.3 33.7 50.5

71 39.1 31.9 47.9



#30

Chloroform

Concen: 48.760 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN087712.D

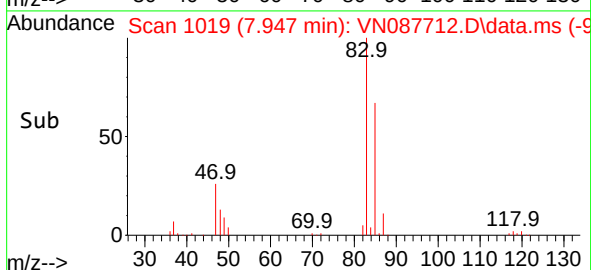
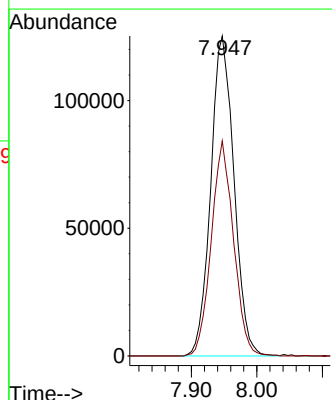
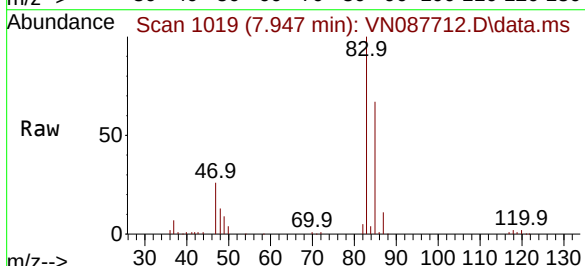
Acq: 02 Sep 2025 15:48

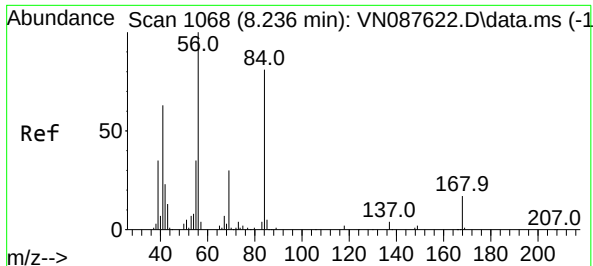
Tgt Ion: 83 Resp: 308436

Ion Ratio Lower Upper

83 100

85 67.2 50.7 76.1





#31

Cyclohexane

Concen: 39.619 ug/l

RT: 8.235 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

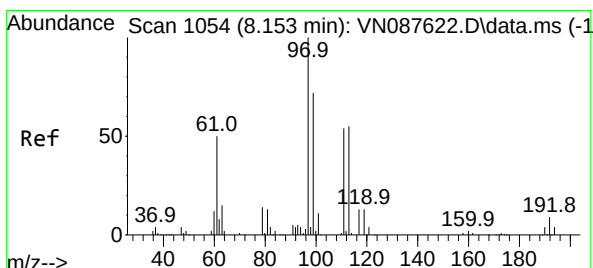
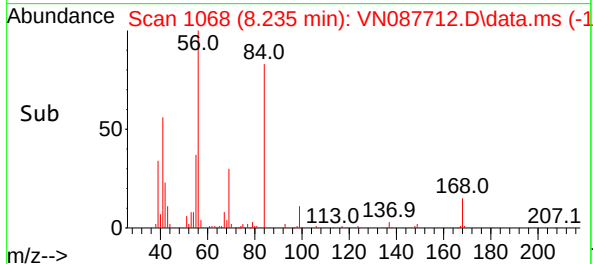
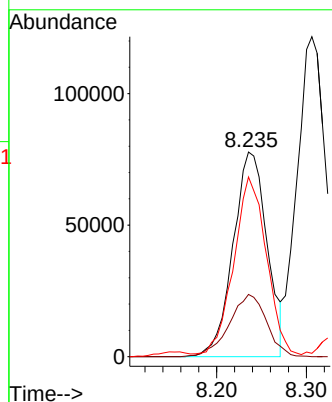
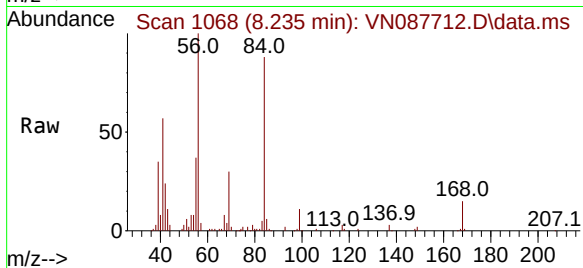
Tgt Ion: 56 Resp: 204692

Ion Ratio Lower Upper

56 100

69 30.4 23.7 35.5

84 85.2 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 44.048 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

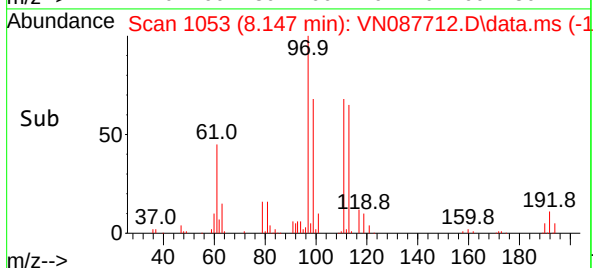
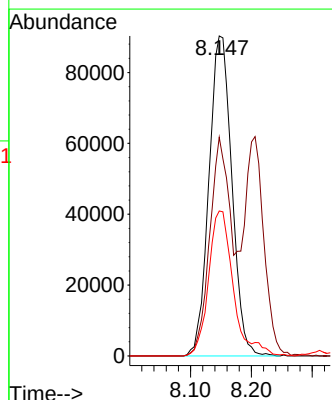
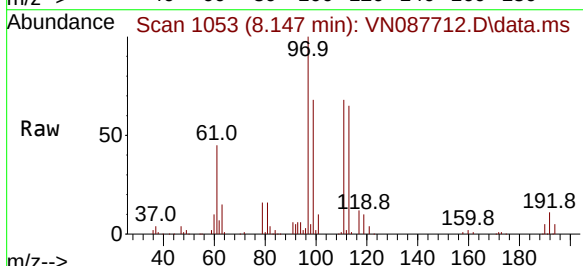
Tgt Ion: 97 Resp: 236134

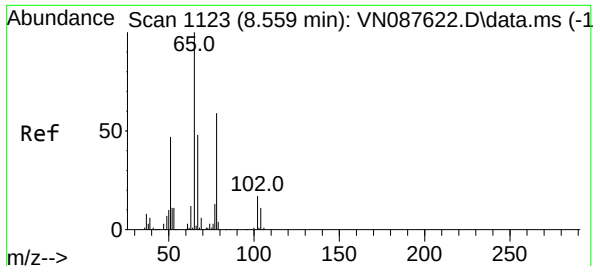
Ion Ratio Lower Upper

97 100

99 64.2 52.2 78.2

61 48.9 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 50.418 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

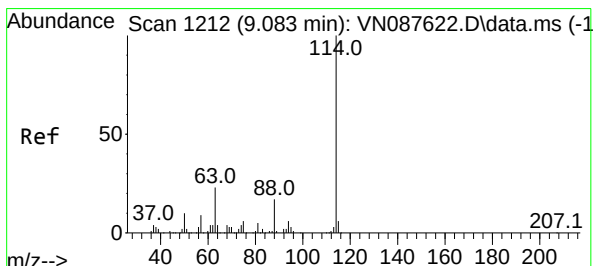
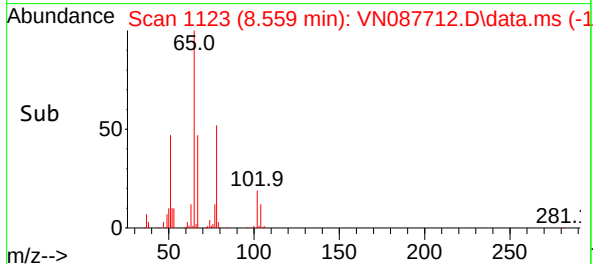
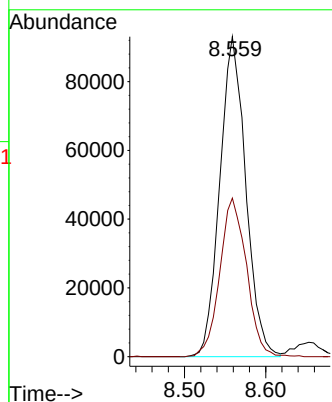
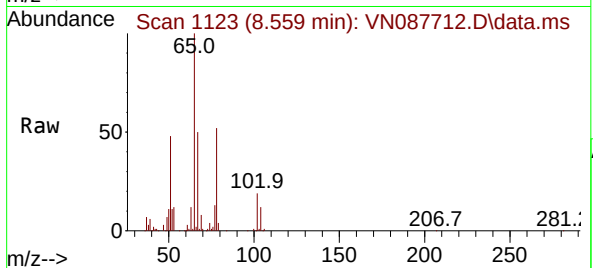
VSTDCCC050EC

Tgt Ion: 65 Resp: 207094

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

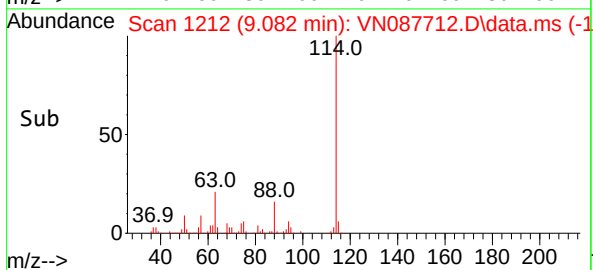
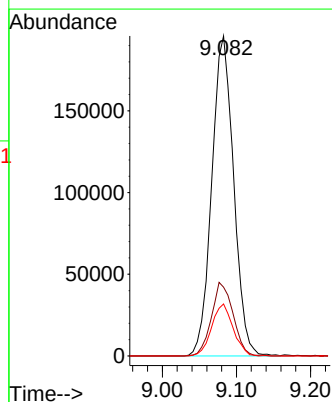
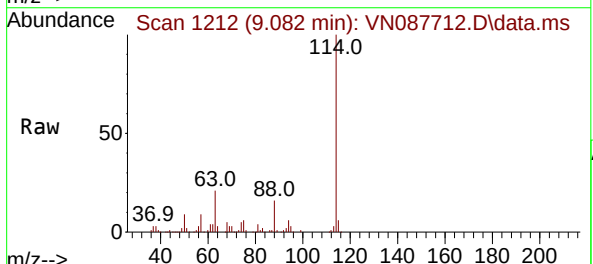
Tgt Ion: 114 Resp: 401412

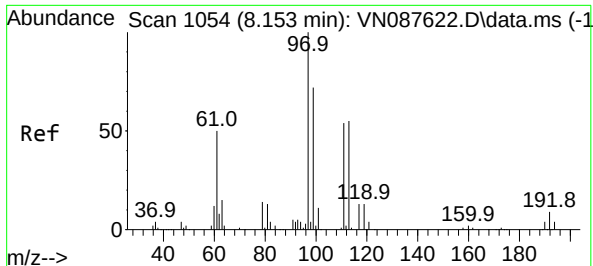
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.2

88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.803 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

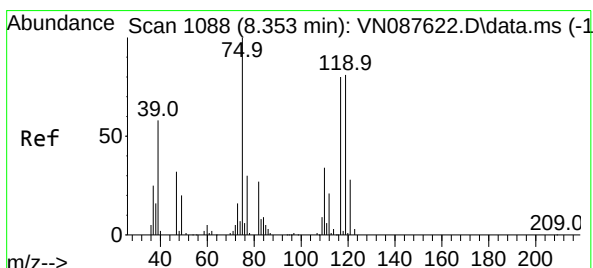
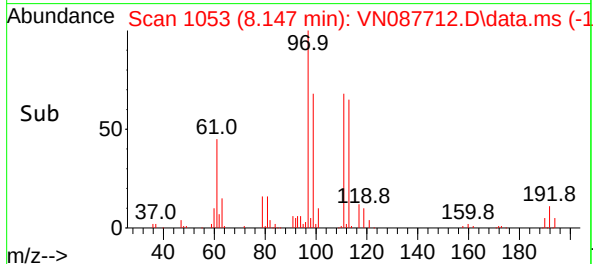
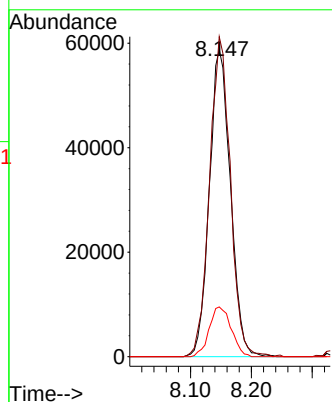
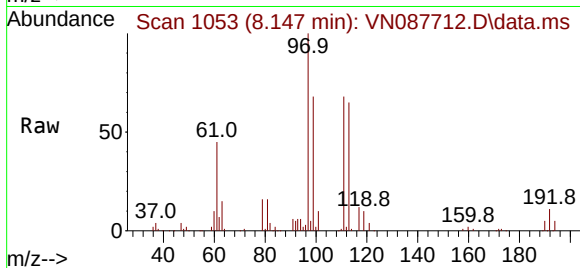
Tgt Ion:113 Resp: 141441

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 16.9 12.8 19.2



#36

1,1-Dichloropropene

Concen: 40.895 ug/l

RT: 8.347 min Scan# 1087

Delta R.T. -0.006 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

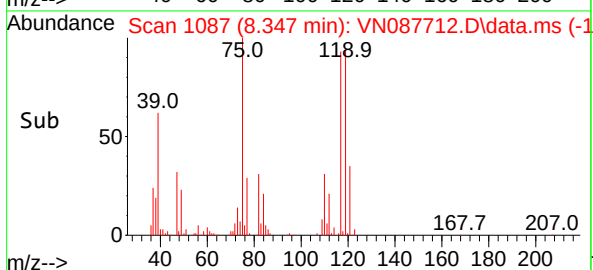
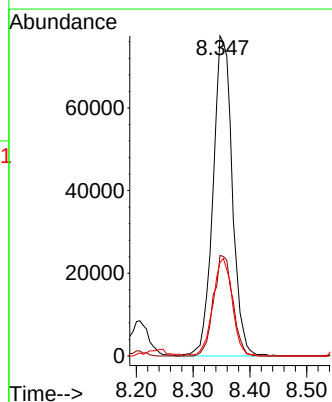
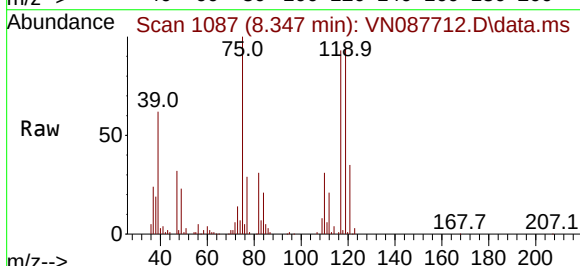
Tgt Ion: 75 Resp: 181827

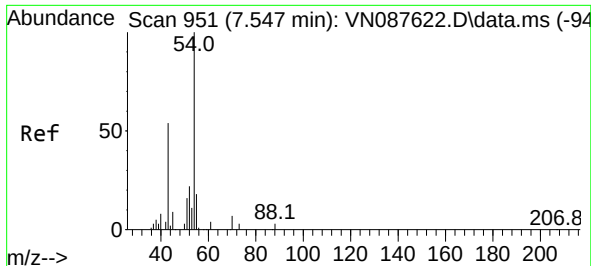
Ion Ratio Lower Upper

75 100

110 31.4 15.9 47.6

77 30.7 24.4 36.6

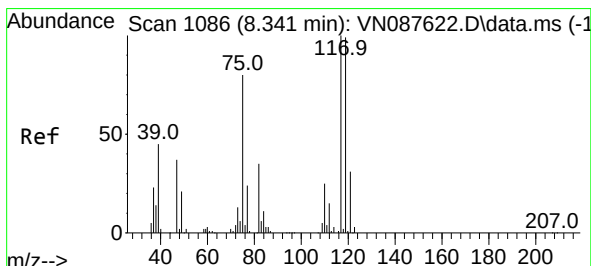
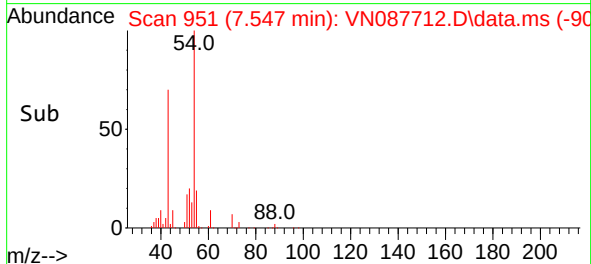
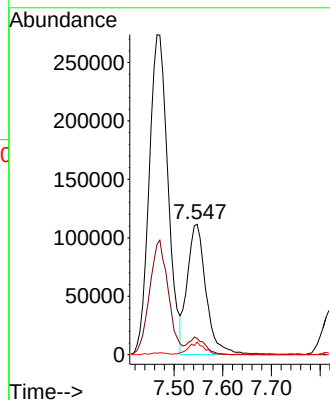
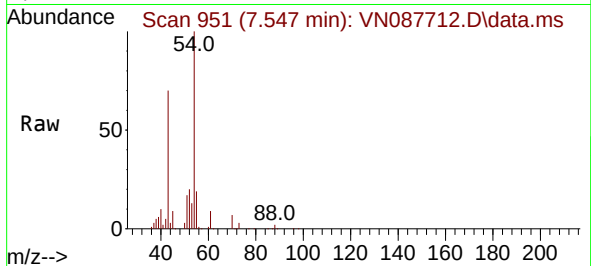




#37
Ethyl Acetate
Concen: 48.897 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

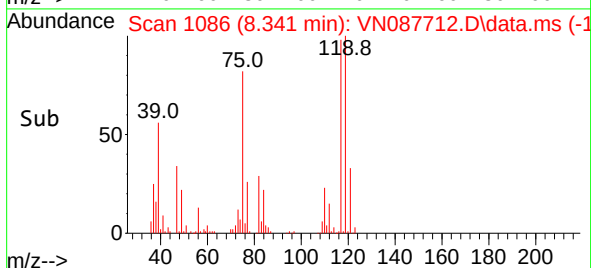
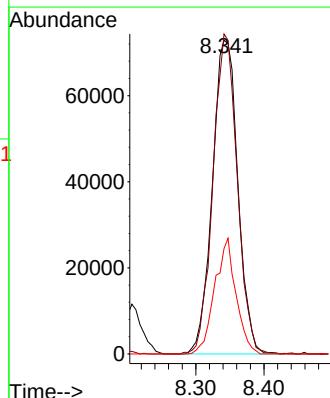
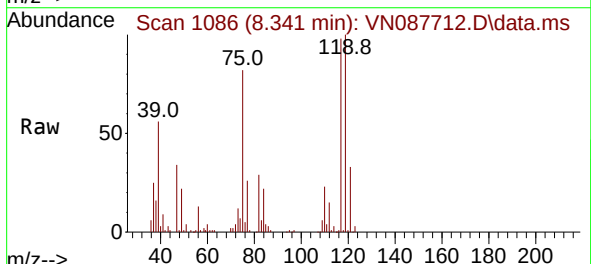
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

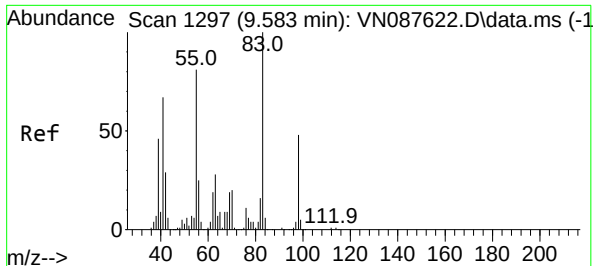
Tgt Ion: 43 Resp: 297079
Ion Ratio Lower Upper
43 100
61 12.3 9.3 13.9
70 8.4 7.0 10.6



#38
Carbon Tetrachloride
Concen: 43.134 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 117 Resp: 189353
Ion Ratio Lower Upper
117 100
119 102.1 79.0 118.6
121 33.6 25.0 37.6





#39

Methylcyclohexane

Concen: 39.890 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

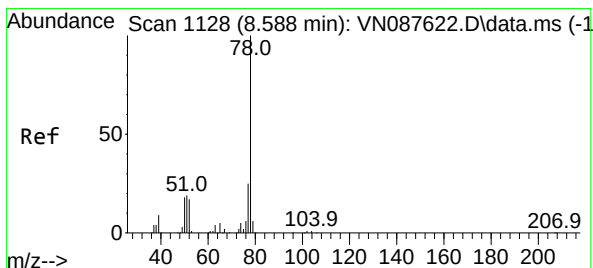
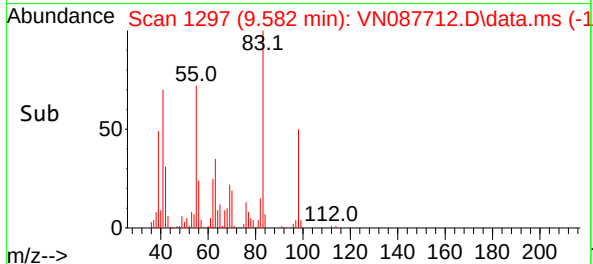
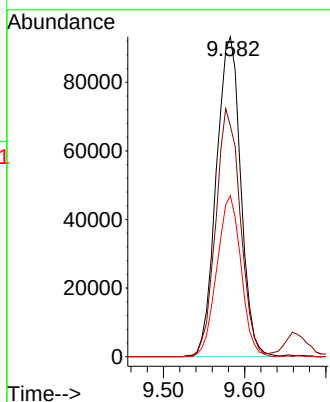
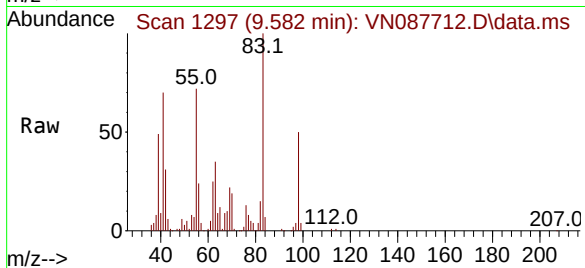
Tgt Ion: 83 Resp: 195260

Ion Ratio Lower Upper

83 100

55 72.1 64.6 96.8

98 50.3 38.4 57.6



#40

Benzene

Concen: 45.567 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087712.D

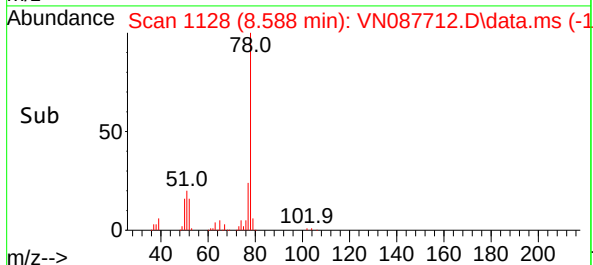
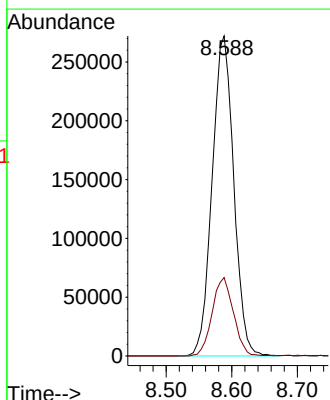
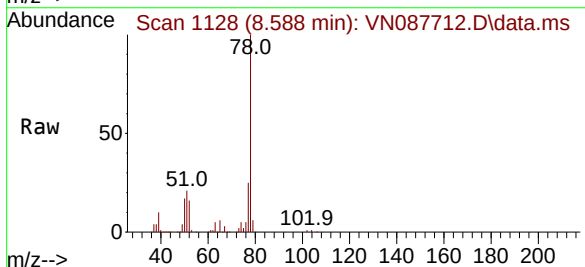
Acq: 02 Sep 2025 15:48

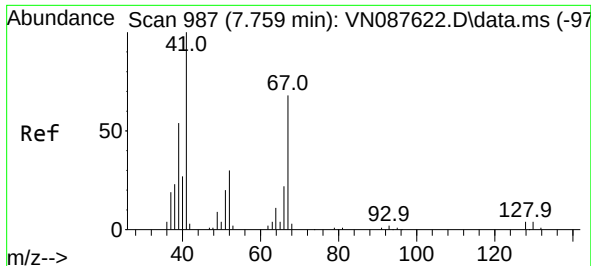
Tgt Ion: 78 Resp: 621399

Ion Ratio Lower Upper

78 100

77 24.5 19.7 29.5

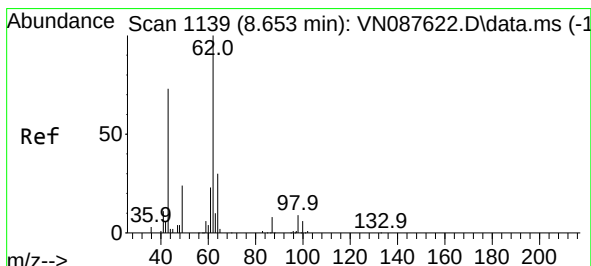
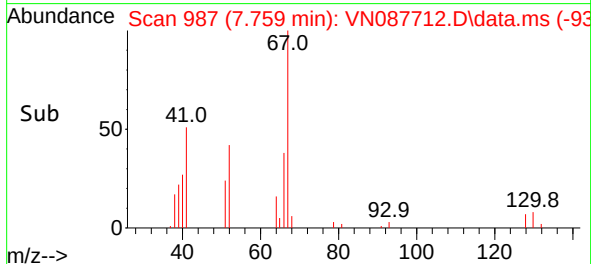
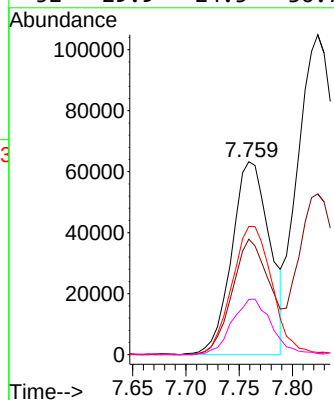
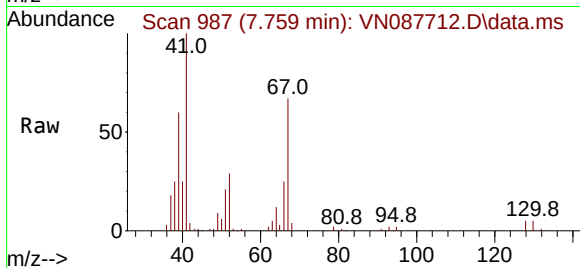




#41
Methacrylonitrile
Concen: 50.139 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

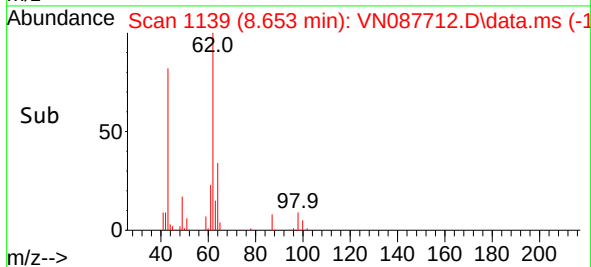
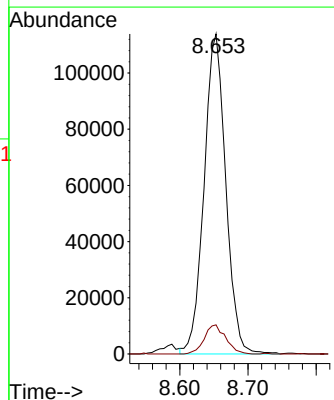
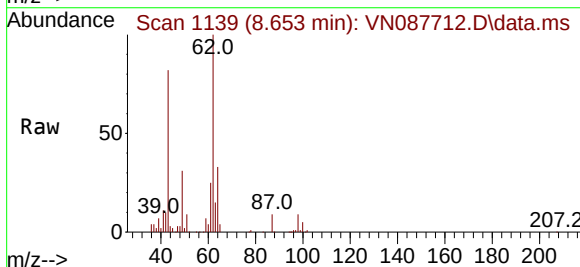
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

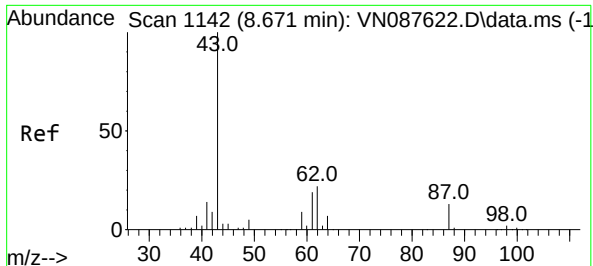
Tgt Ion:	41	Resp:	157798
Ion	Ratio	Lower	Upper
41	100		
39	58.9	45.4	68.0
67	70.3	55.3	82.9
52	29.9	24.5	36.7



#42
1,2-Dichloroethane
Concen: 48.095 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion:	62	Resp:	252041
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4

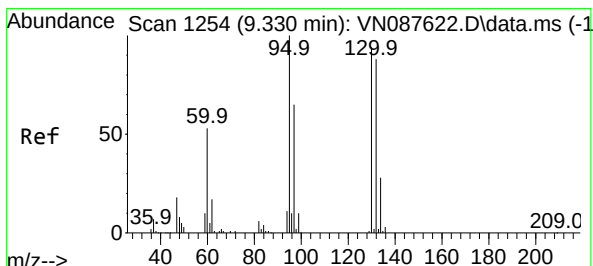
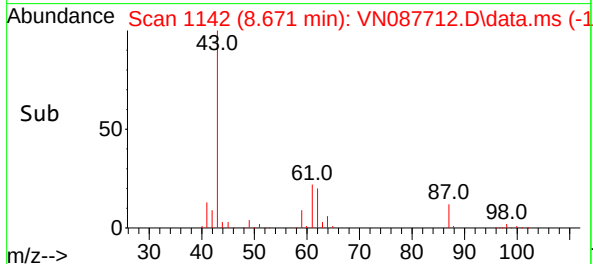
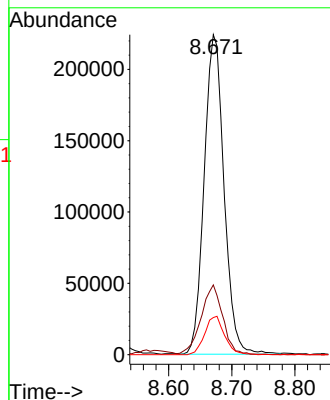
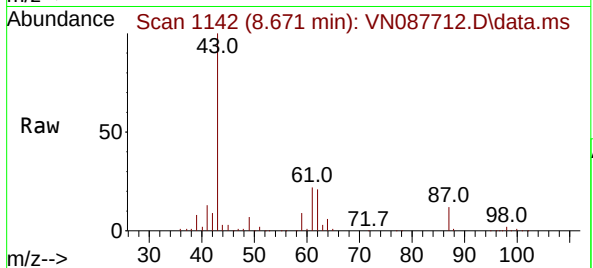




#43
Isopropyl Acetate
Concen: 51.517 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

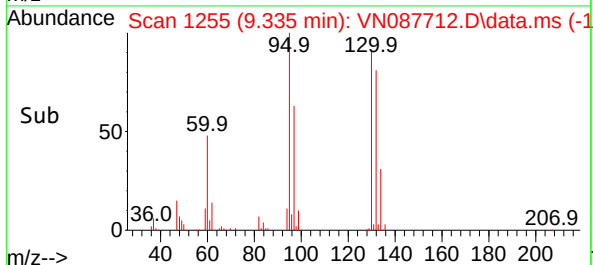
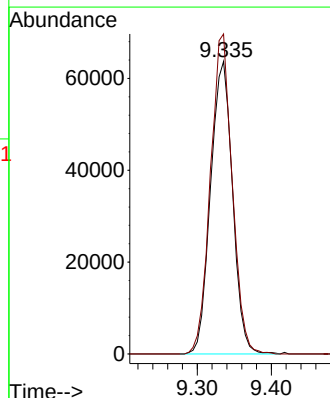
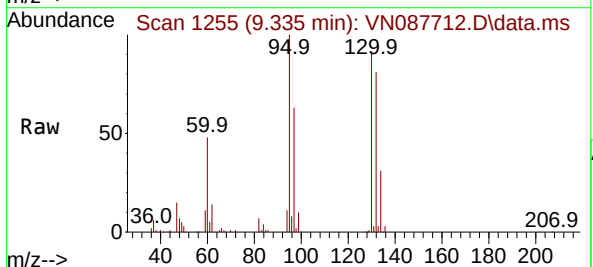
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

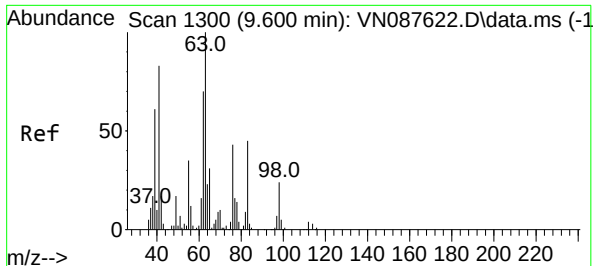
Tgt Ion: 43 Resp: 488674
Ion Ratio Lower Upper
43 100
61 24.0 18.8 28.2
87 12.0 9.6 14.4



#44
Trichloroethene
Concen: 42.106 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion:130 Resp: 131094
Ion Ratio Lower Upper
130 100
95 109.4 0.0 212.0





#45

1,2-Dichloropropane

Concen: 45.295 ug/l

RT: 9.600 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

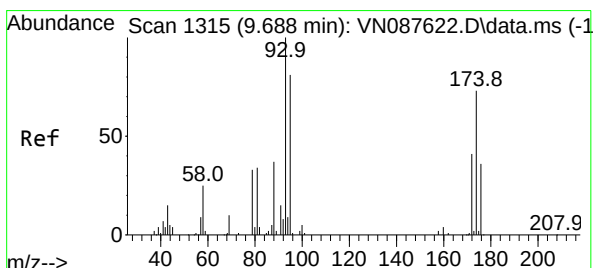
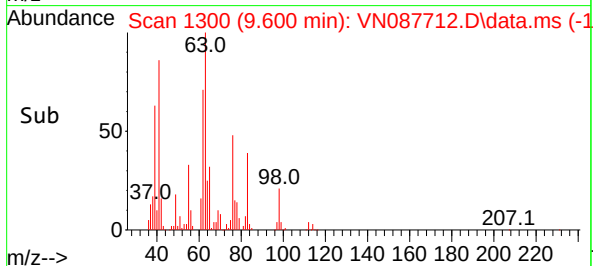
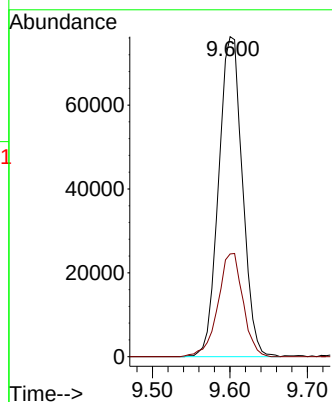
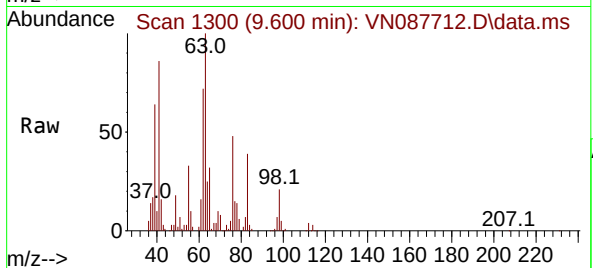
VSTDCCC050EC

Tgt Ion: 63 Resp: 162818

Ion Ratio Lower Upper

63 100

65 32.1 25.0 37.4



#46

Dibromomethane

Concen: 48.446 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

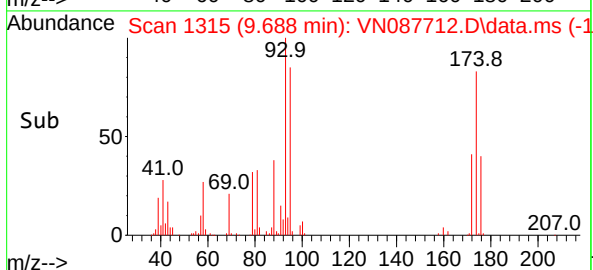
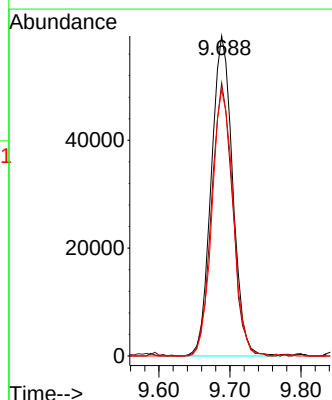
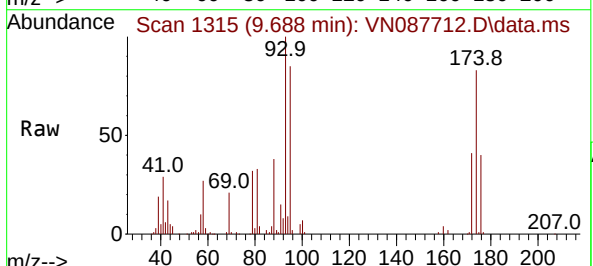
Tgt Ion: 93 Resp: 123924

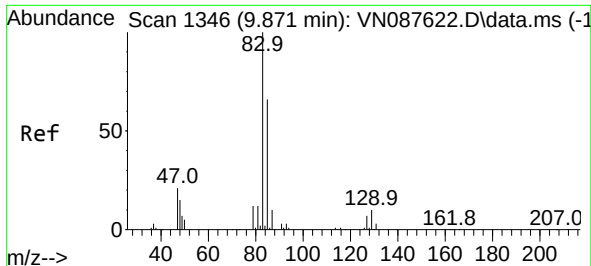
Ion Ratio Lower Upper

93 100

95 83.7 66.2 99.4

174 82.6 63.4 95.2

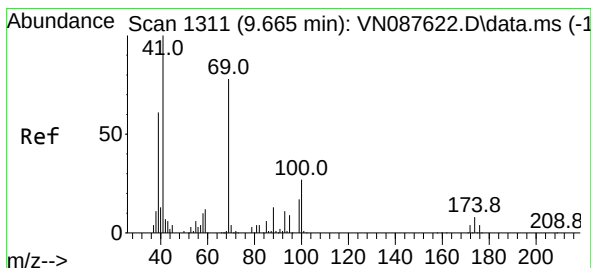
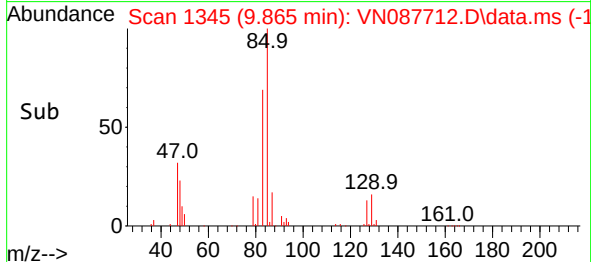
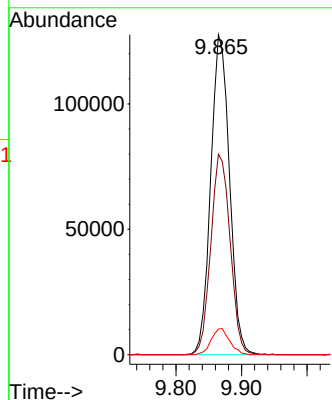
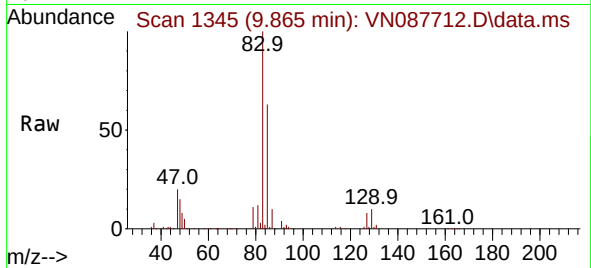




#47
Bromodichloromethane
Concen: 48.322 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

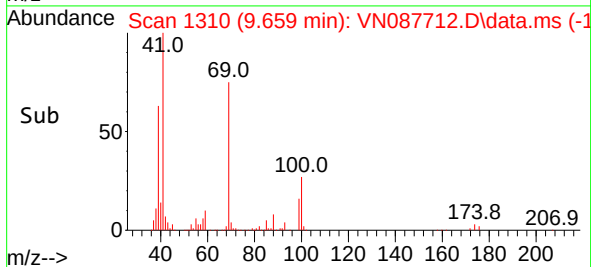
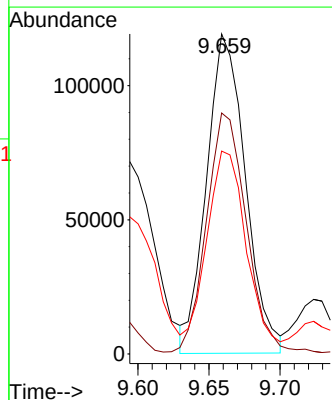
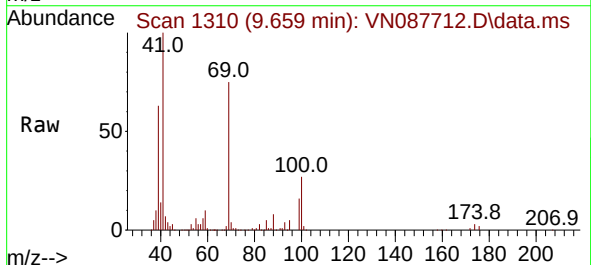
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

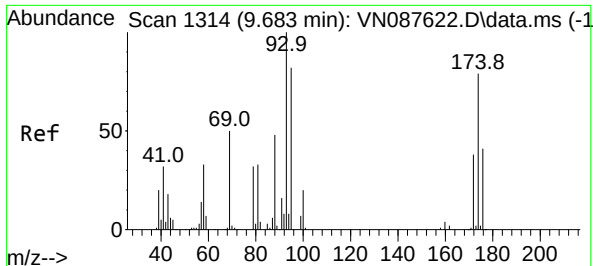
Tgt Ion: 83 Resp: 253325
Ion Ratio Lower Upper
83 100
85 62.6 52.5 78.7
127 8.0 5.8 8.6



#48
Methyl methacrylate
Concen: 50.448 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 41 Resp: 226348
Ion Ratio Lower Upper
41 100
69 78.1 62.7 94.1
39 65.5 52.9 79.3





#49

1,4-Dioxane

Concen: 1118.762 ug/l

RT: 9.682 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

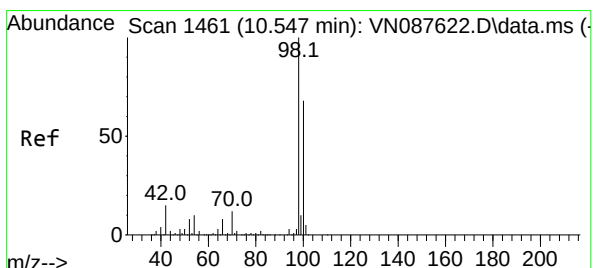
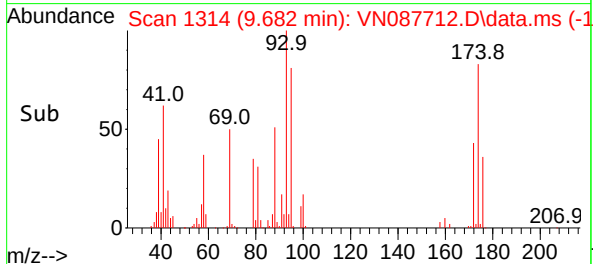
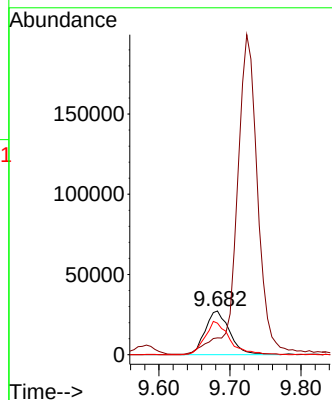
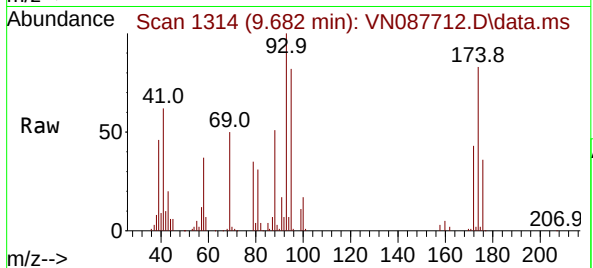
Tgt Ion: 88 Resp: 65061

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 76.9 57.9 86.9



#50

Toluene-d8

Concen: 44.013 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087712.D

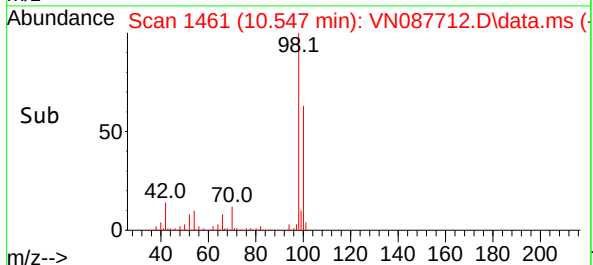
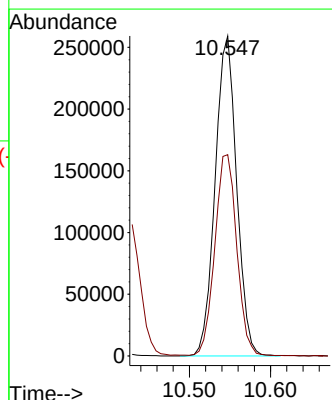
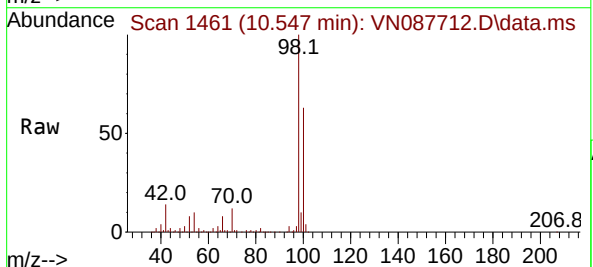
Acq: 02 Sep 2025 15:48

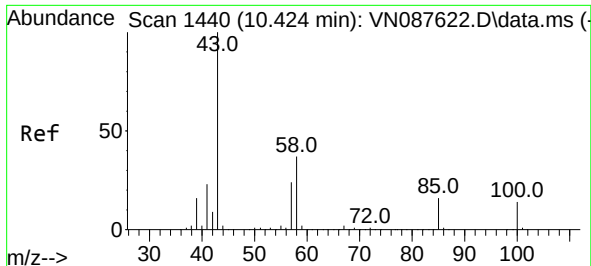
Tgt Ion: 98 Resp: 477423

Ion Ratio Lower Upper

98 100

100 64.5 52.8 79.2

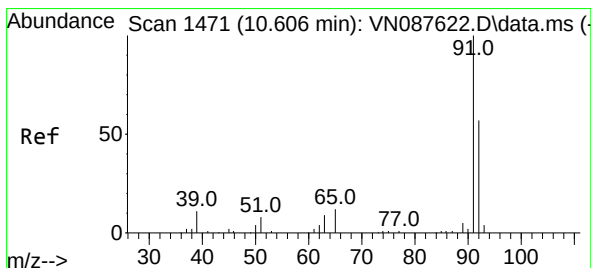
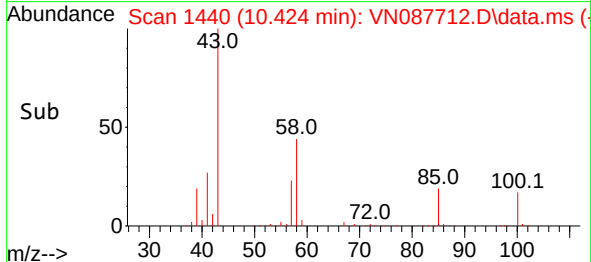
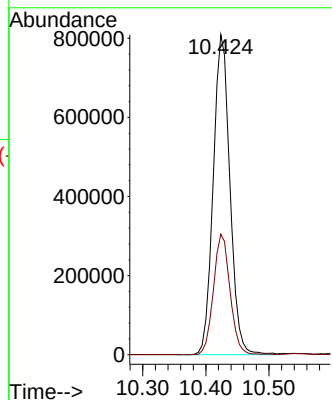
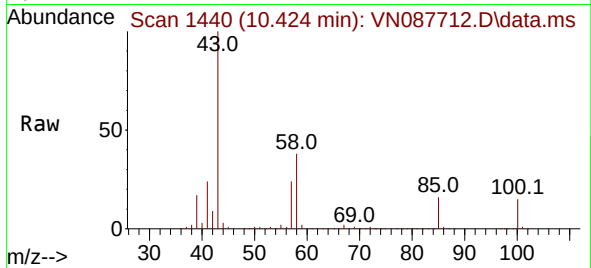




#51
4-Methyl-2-Pentanone
Concen: 259.352 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

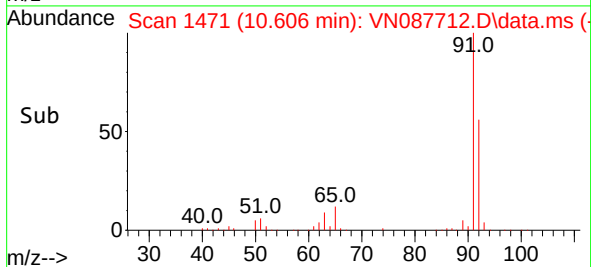
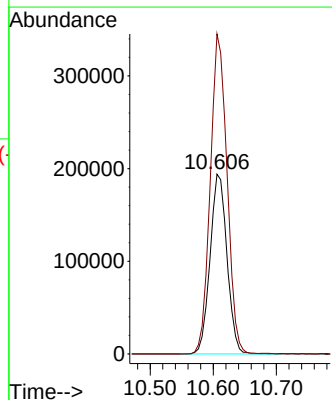
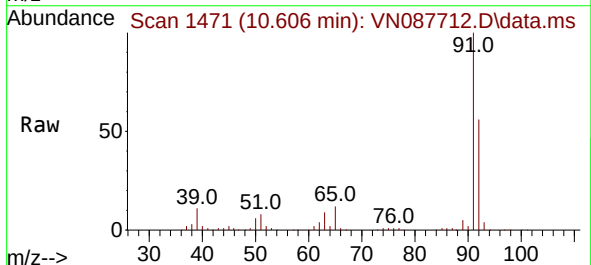
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

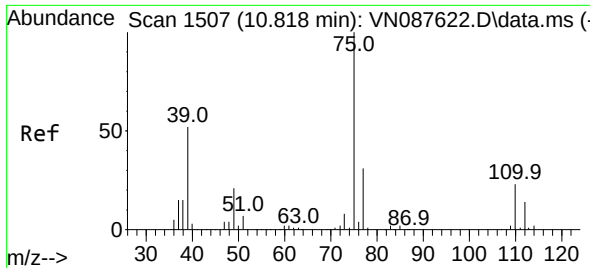
Tgt Ion: 43 Resp: 1484288
Ion Ratio Lower Upper
43 100
58 37.6 29.6 44.4



#52
Toluene
Concen: 42.651 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 92 Resp: 360579
Ion Ratio Lower Upper
92 100
91 176.7 140.4 210.6

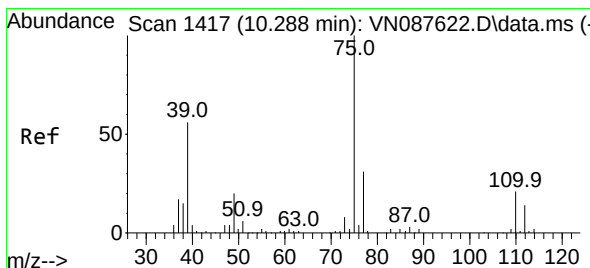
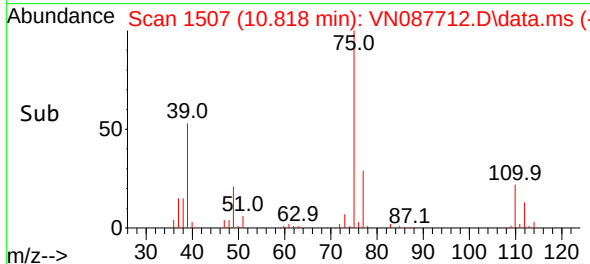
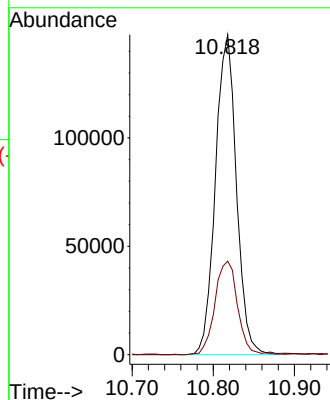
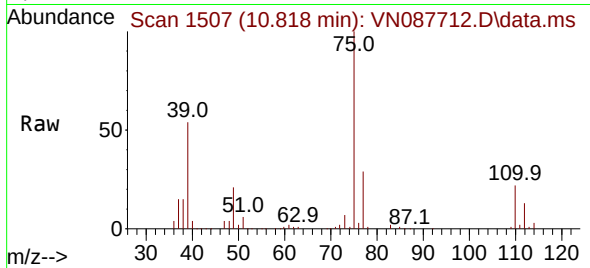




#53
 t-1,3-Dichloropropene
 Concen: 48.965 ug/l
 RT: 10.818 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

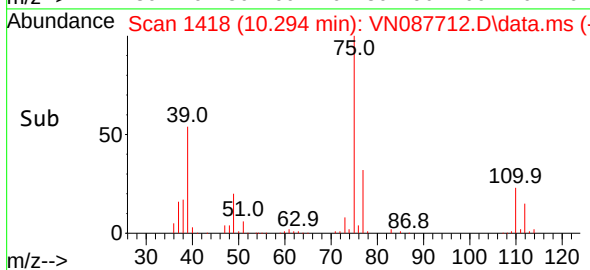
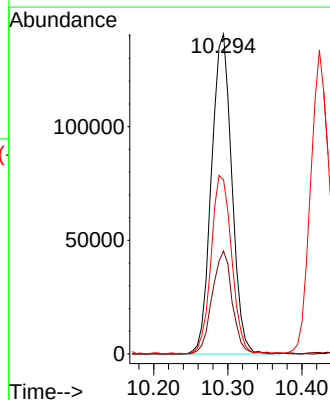
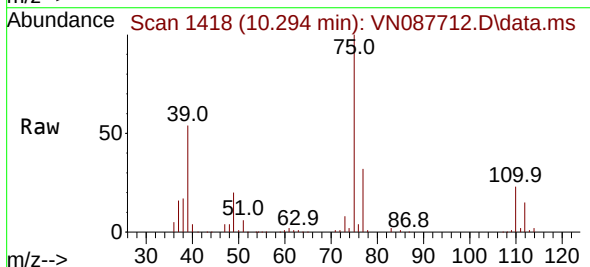
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

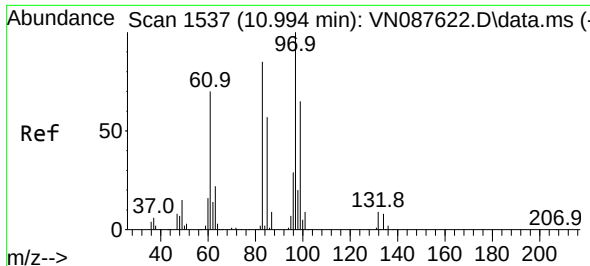
Tgt Ion: 75 Resp: 265707
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.681 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

Tgt Ion: 75 Resp: 268654
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.6 37.0
 39 54.2 45.2 67.8

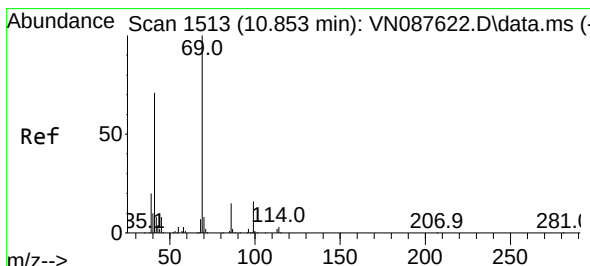
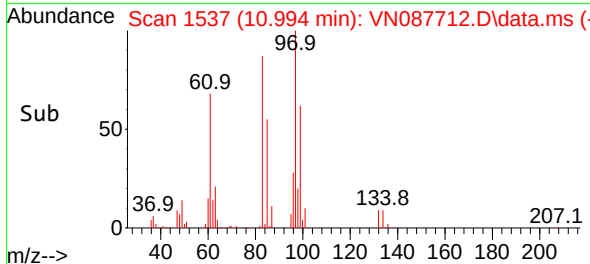
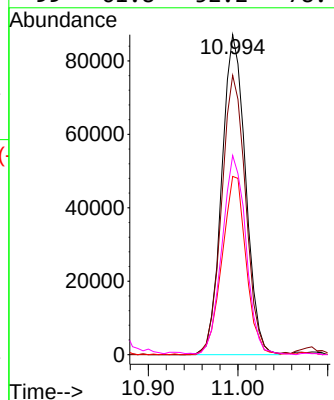
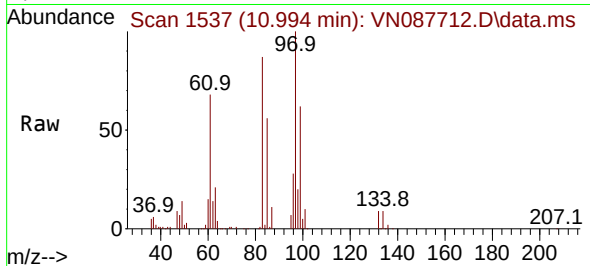




#55
 1,1,2-Trichloroethane
 Concen: 49.062 ug/l
 RT: 10.994 min Scan# 1537
 Delta R.T. -0.000 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

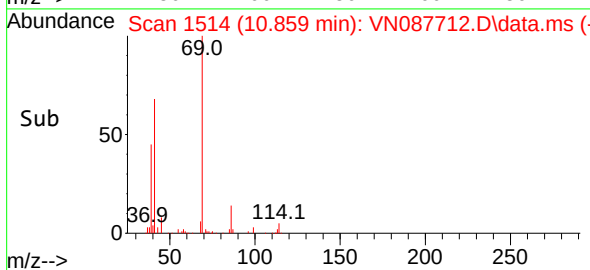
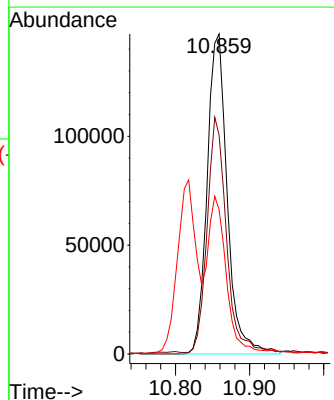
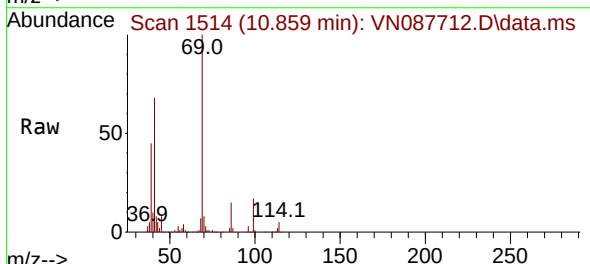
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

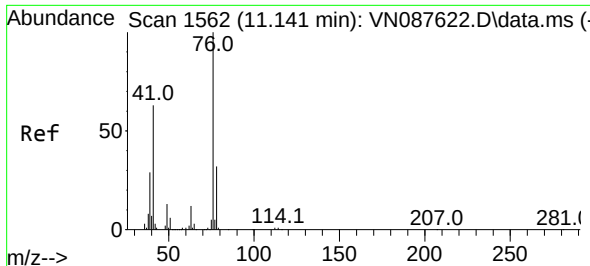
Tgt Ion:	97	Resp:	160454
Ion	Ratio	Lower	Upper
97	100		
83	87.3	68.2	102.4
85	55.7	45.5	68.3
99	61.8	52.2	78.4



#56
 Ethyl methacrylate
 Concen: 53.105 ug/l
 RT: 10.859 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

Tgt Ion:	69	Resp:	277562
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.5	84.7
39	45.6	34.2	51.4





#57

1,3-Dichloropropane

Concen: 48.665 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

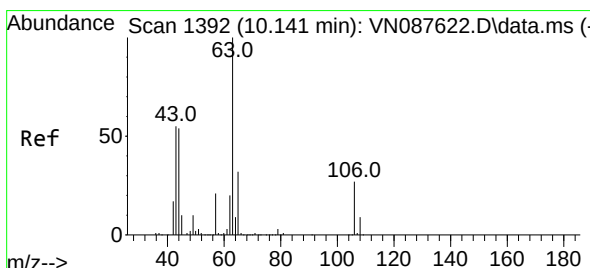
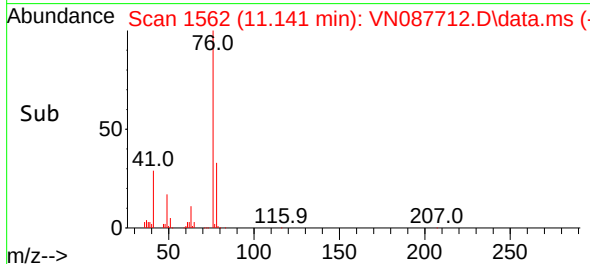
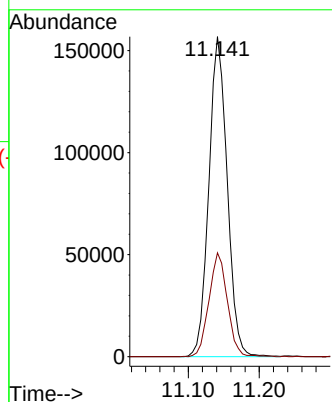
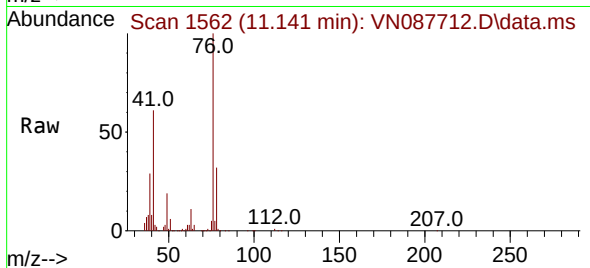
VSTDCCC050EC

Tgt Ion: 76 Resp: 281674

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 270.869 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087712.D

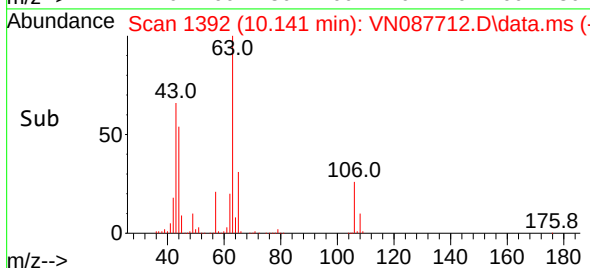
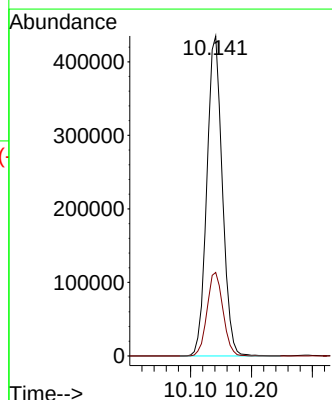
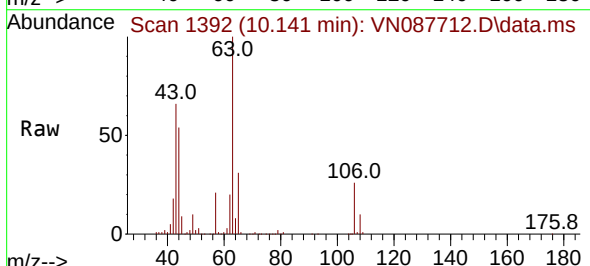
Acq: 02 Sep 2025 15:48

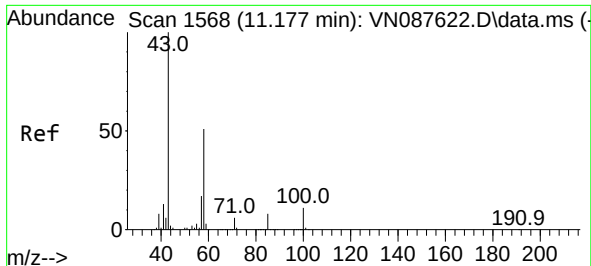
Tgt Ion: 63 Resp: 766268

Ion Ratio Lower Upper

63 100

106 26.9 21.1 31.7

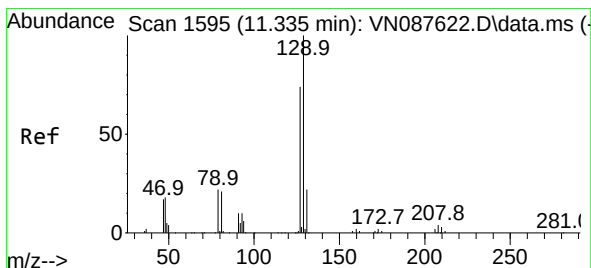
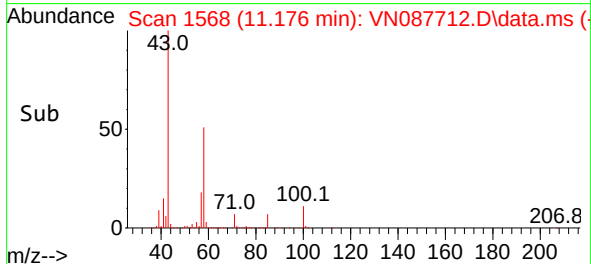
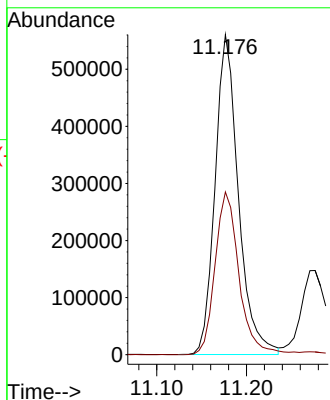
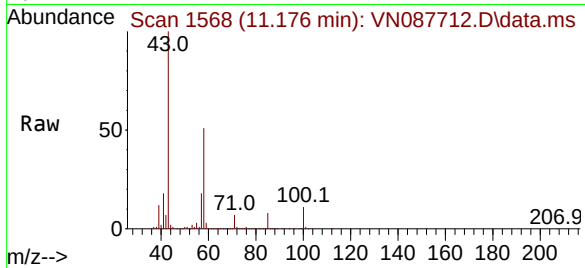




#59
2-Hexanone
Concen: 279.389 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

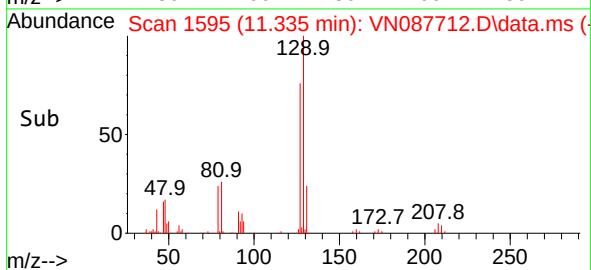
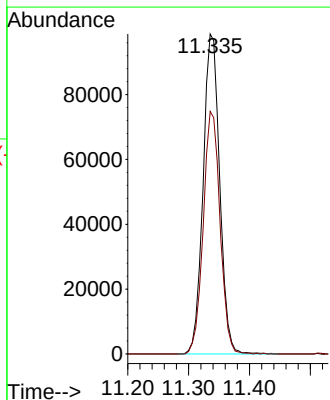
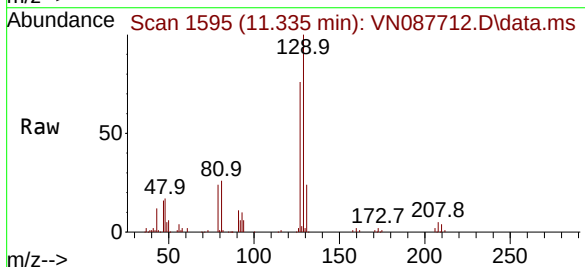
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

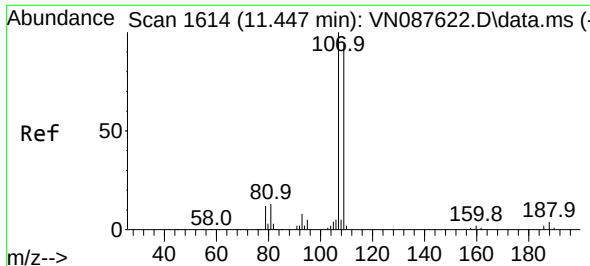
Tgt Ion: 43 Resp: 1010543
Ion Ratio Lower Upper
43 100
58 52.5 25.9 77.8



#60
Dibromochloromethane
Concen: 49.226 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 129 Resp: 186541
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3

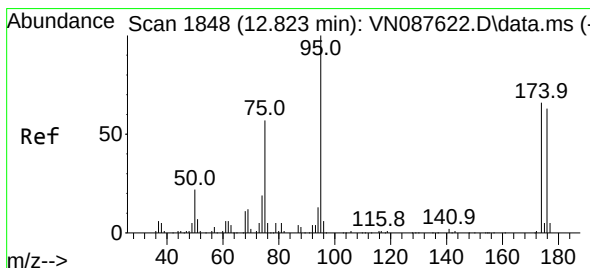
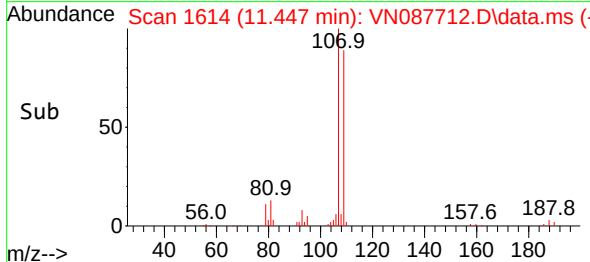
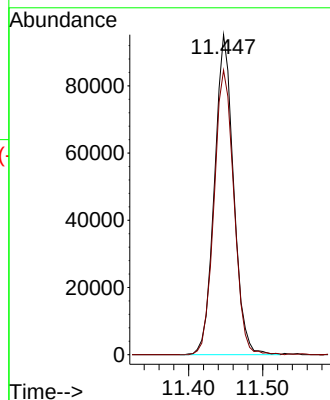
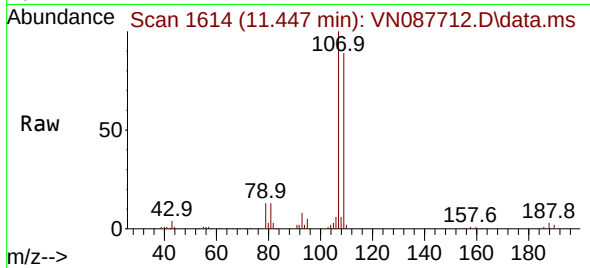




#61
1,2-Dibromoethane
Concen: 49.473 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

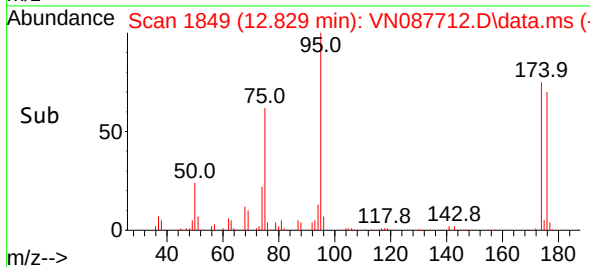
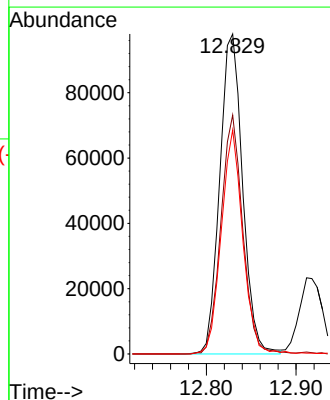
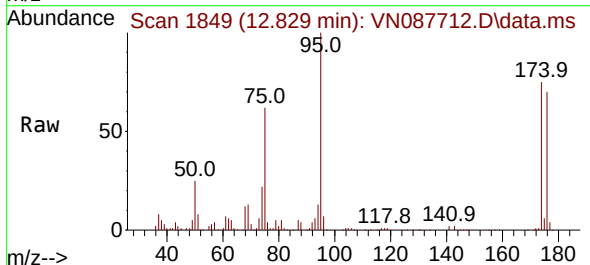
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

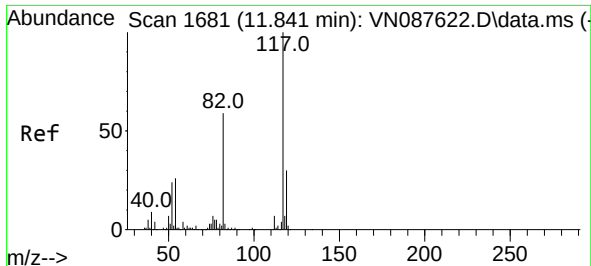
Tgt Ion:107 Resp: 170610
Ion Ratio Lower Upper
107 100
109 92.3 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 44.928 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 95 Resp: 173316
Ion Ratio Lower Upper
95 100
174 71.3 0.0 138.4
176 66.0 0.0 132.6

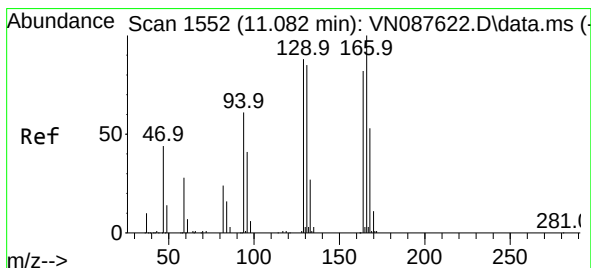
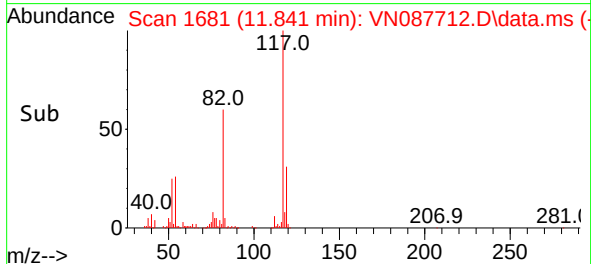
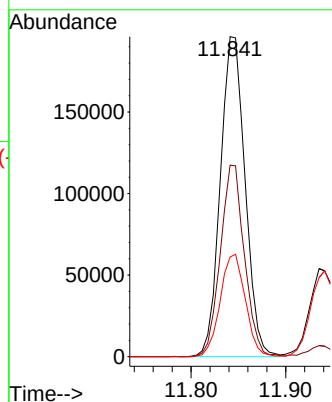
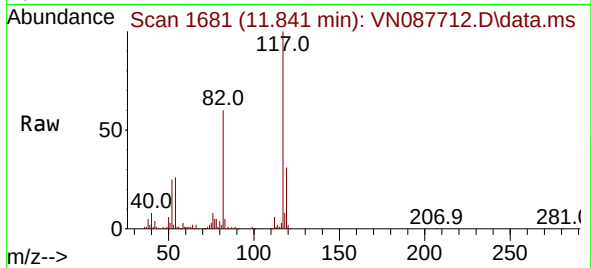




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

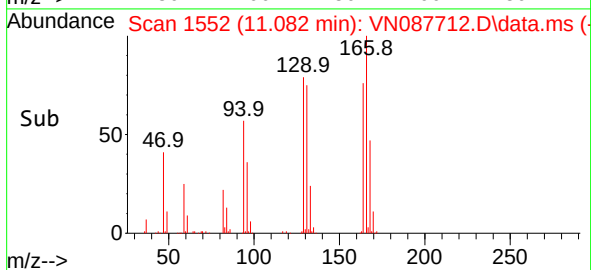
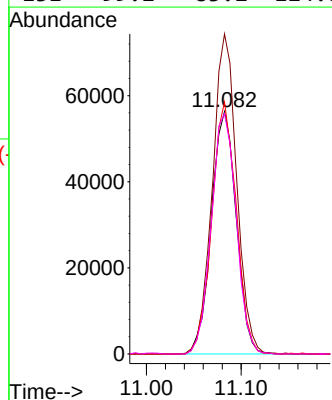
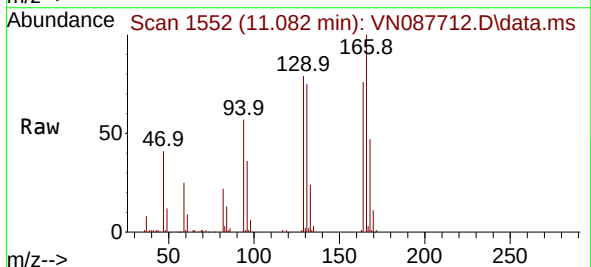
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

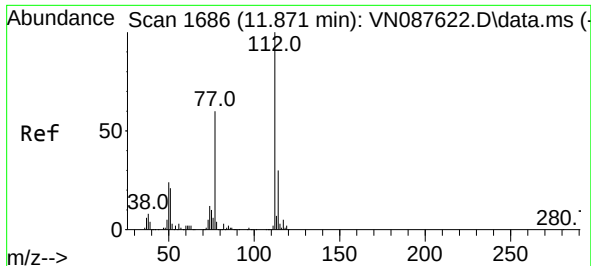
Tgt Ion:117 Resp: 356397
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.2 24.3 36.5



#64
Tetrachloroethene
Concen: 41.611 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion:164 Resp: 102888
Ion Ratio Lower Upper
164 100
166 132.0 97.7 146.5
129 104.0 85.9 128.9
131 99.2 83.2 124.8

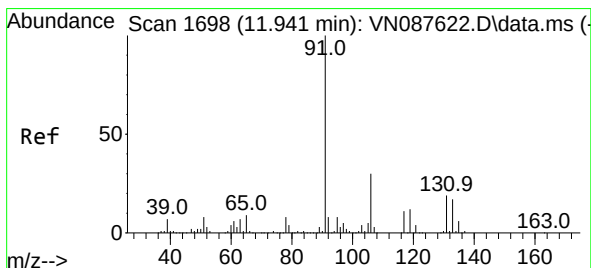
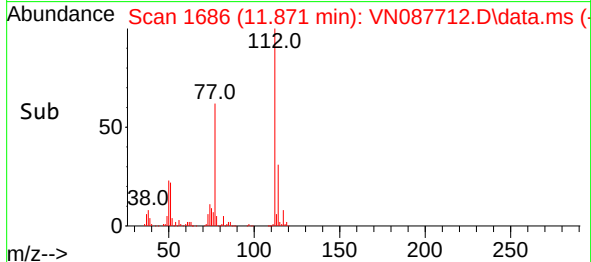
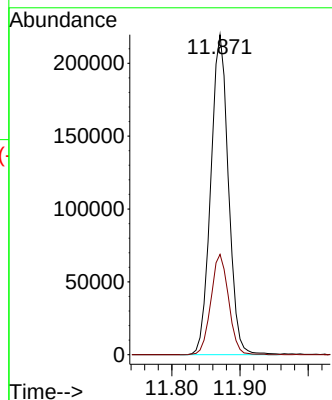
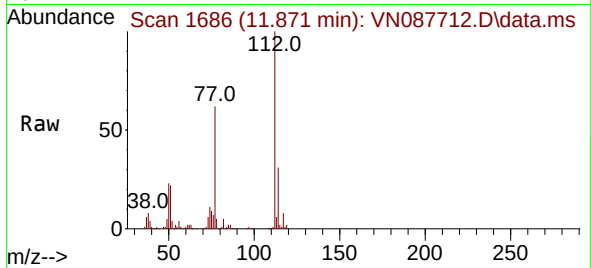




#65
Chlorobenzene
Concen: 44.678 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

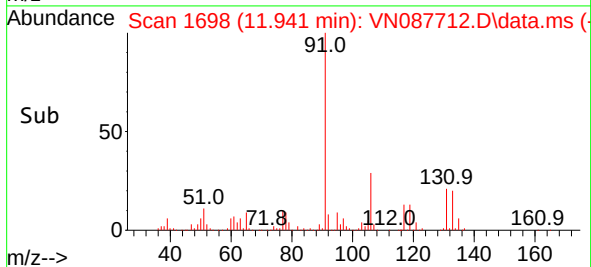
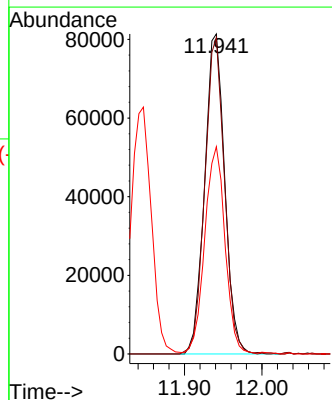
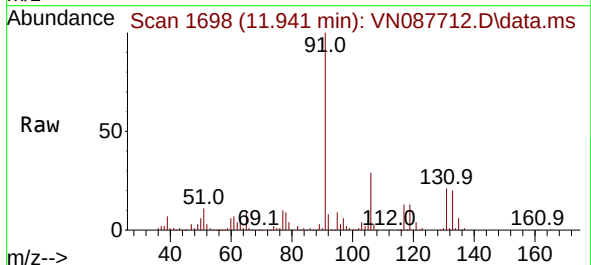
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

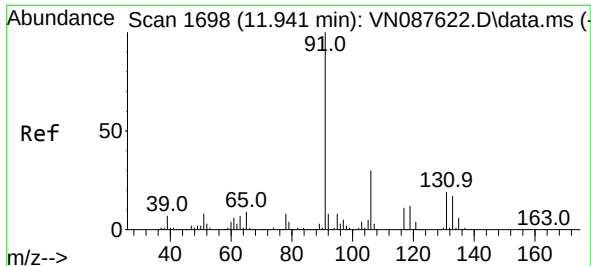
Tgt Ion:112 Resp: 396138
Ion Ratio Lower Upper
112 100
114 31.3 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.844 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion:131 Resp: 146720
Ion Ratio Lower Upper
131 100
133 96.2 48.0 144.0
119 64.9 32.6 97.7





#67

Ethyl Benzene

Concen: 44.613 ug/l

RT: 11.941 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

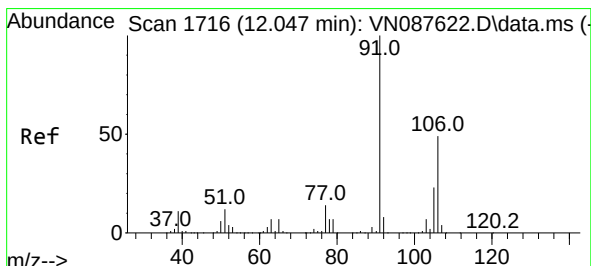
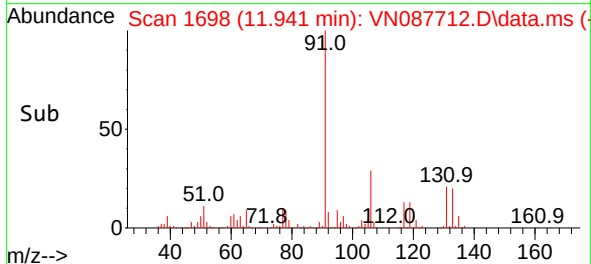
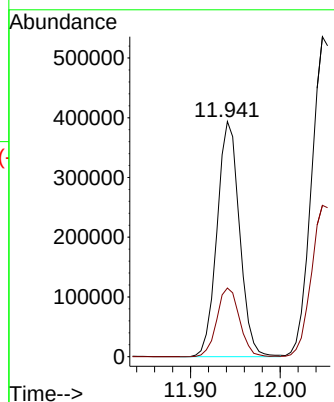
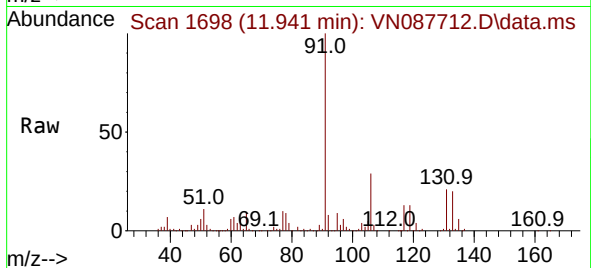
VSTDCCC050EC

Tgt Ion: 91 Resp: 684899

Ion Ratio Lower Upper

91 100

106 29.2 24.1 36.1



#68

m/p-Xylenes

Concen: 90.801 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN087712.D

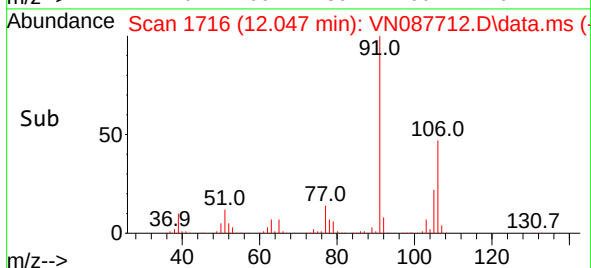
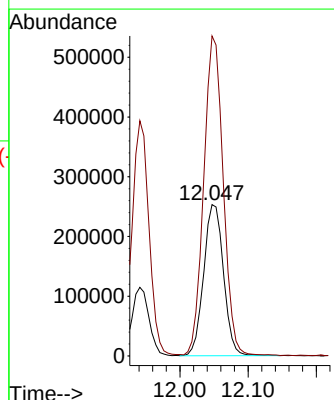
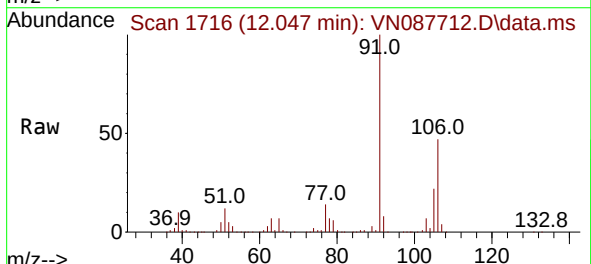
Acq: 02 Sep 2025 15:48

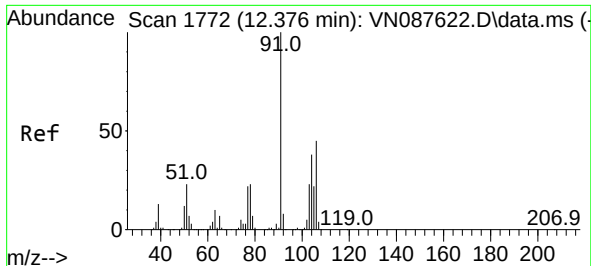
Tgt Ion: 106 Resp: 511229

Ion Ratio Lower Upper

106 100

91 208.2 169.3 253.9

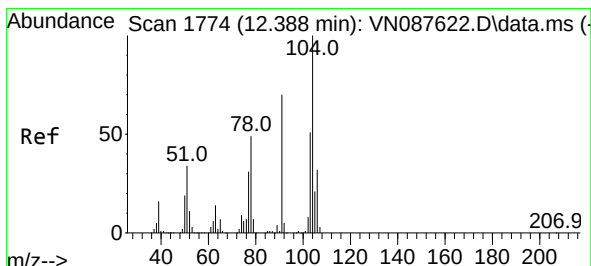
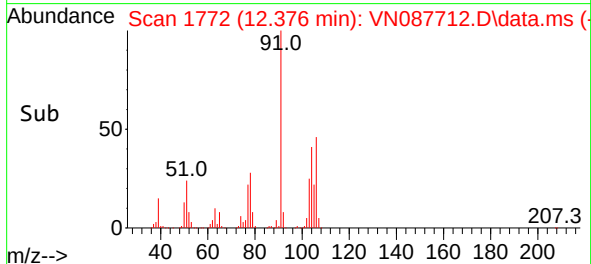
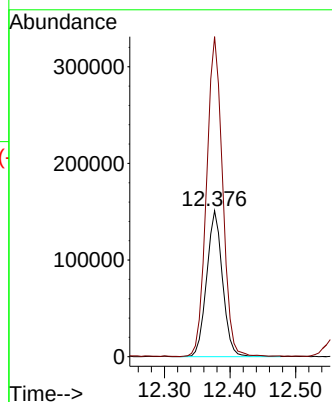
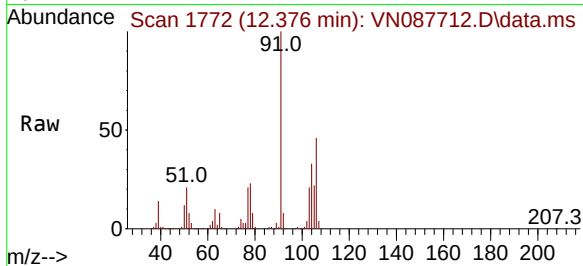




#69
o-Xylene
Concen: 46.242 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

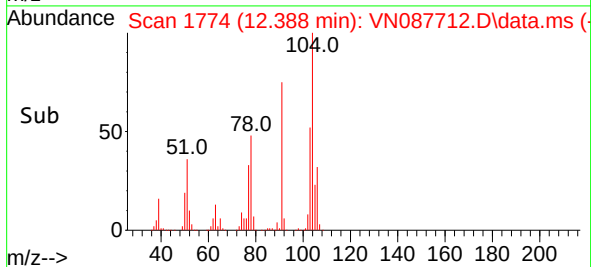
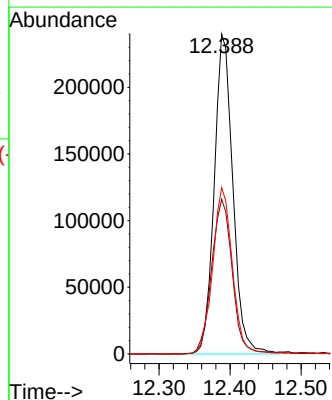
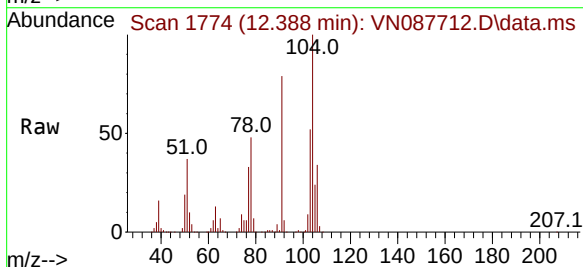
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

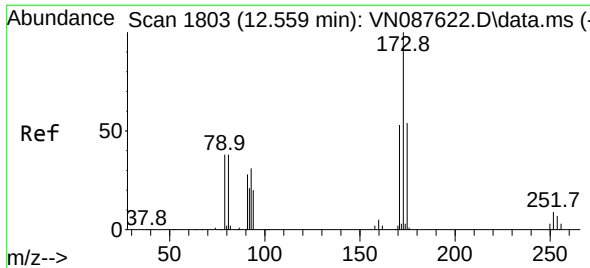
Tgt Ion:106 Resp: 255146
Ion Ratio Lower Upper
106 100
91 220.6 111.4 334.2



#70
Styrene
Concen: 47.279 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion:104 Resp: 437041
Ion Ratio Lower Upper
104 100
78 53.3 42.2 63.2
103 55.2 43.4 65.2

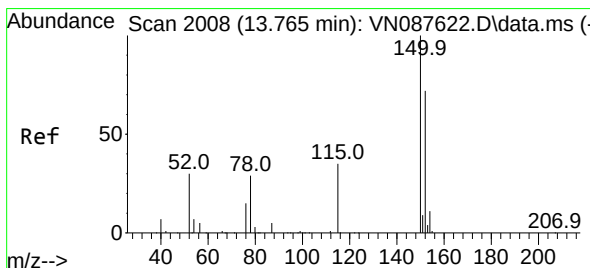
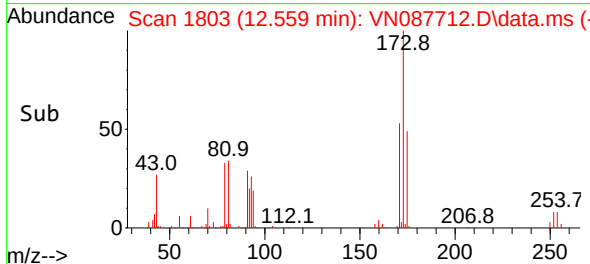
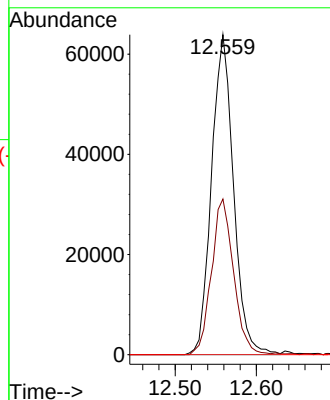
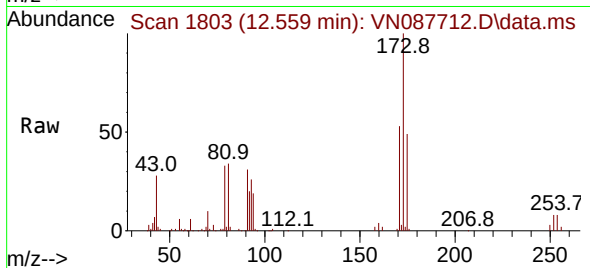




#71
Bromoform
Concen: 53.198 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

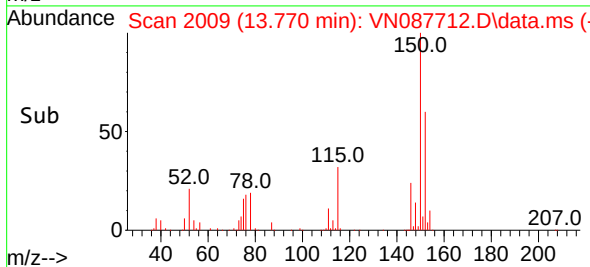
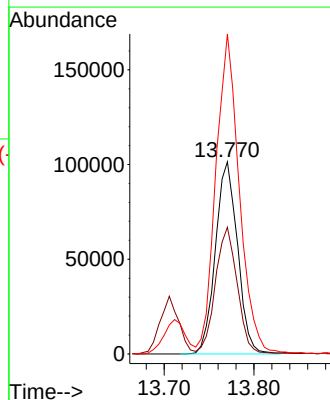
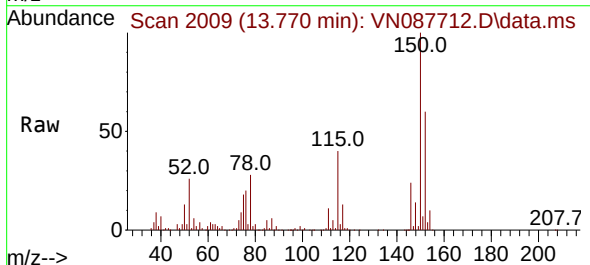
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

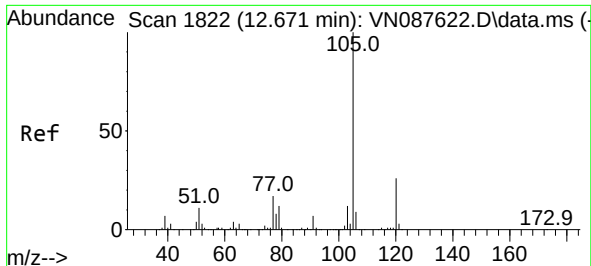
Tgt Ion:173 Resp: 120096
Ion Ratio Lower Upper
173 100
175 49.2 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion:152 Resp: 173804
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 176.0 0.0 351.0

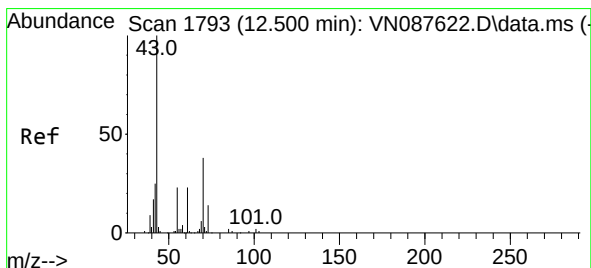
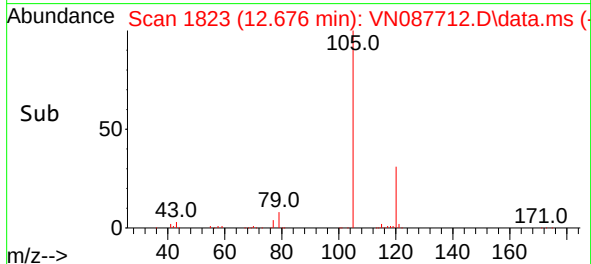
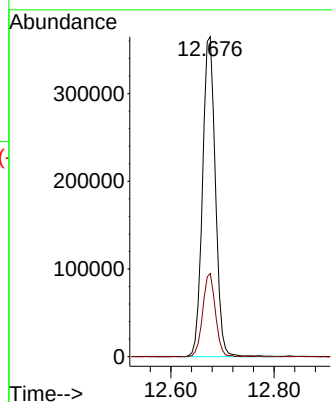
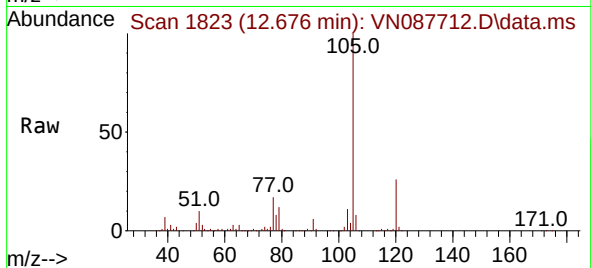




#73
Isopropylbenzene
Concen: 44.944 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

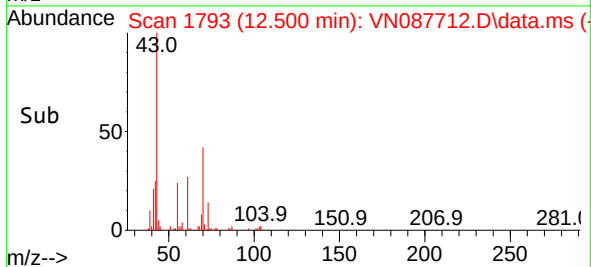
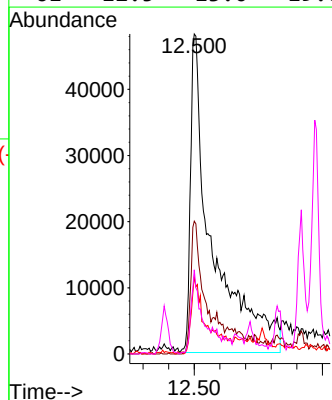
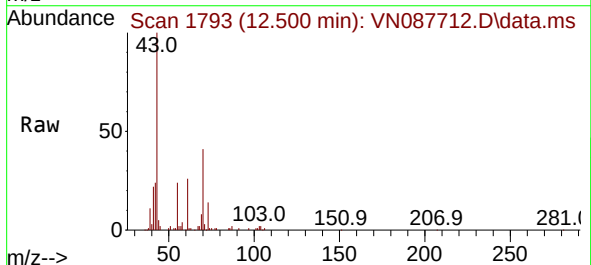
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

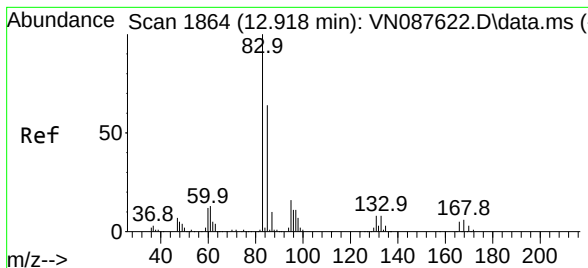
Tgt Ion:105 Resp: 631210
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.3



#74
N-ethyl acetate
Concen: 53.670 ug/l m
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 43 Resp: 285655
Ion Ratio Lower Upper
43 100
70 22.7 27.6 41.4#
55 12.4 13.0 19.6#
61 12.5 13.0 19.6#

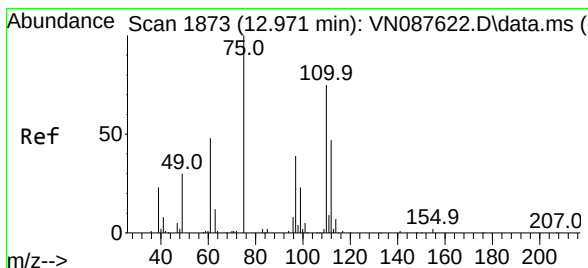
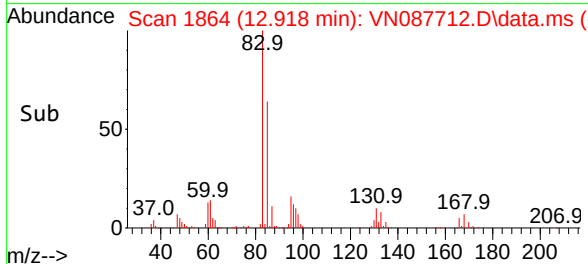
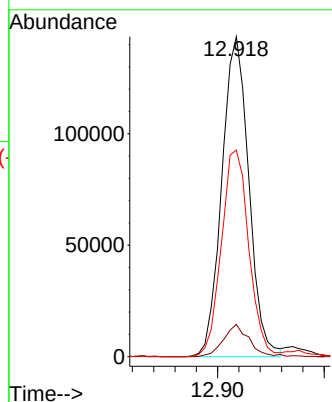
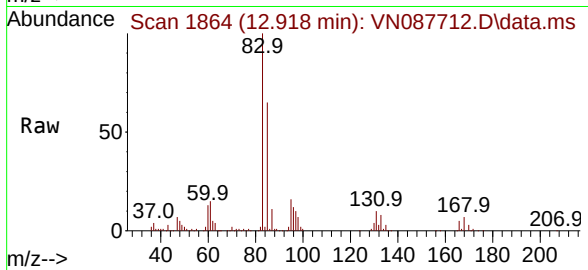




#75
 1,1,2-Tetrachloroethane
 Concen: 52.248 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

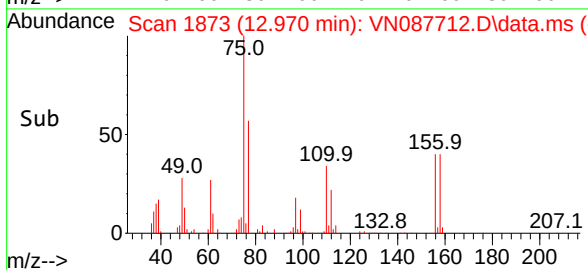
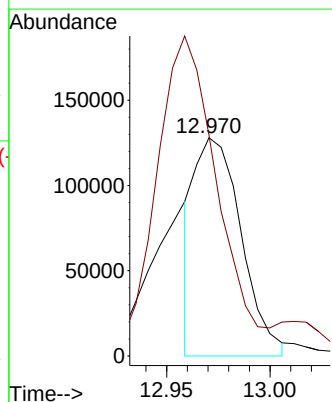
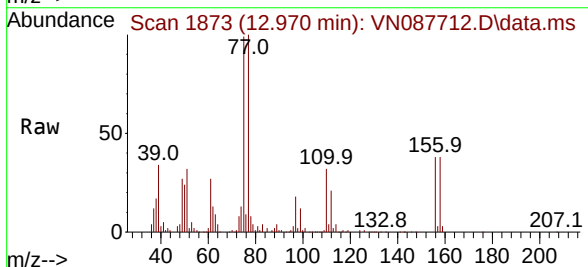
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

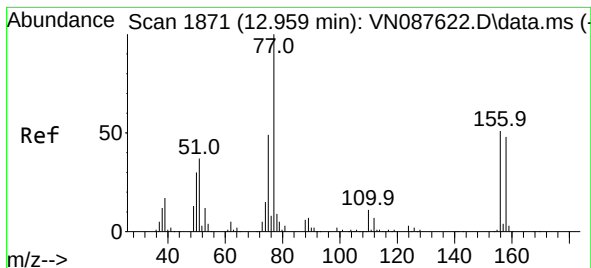
Tgt Ion: 83 Resp: 252638
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.4
 85 65.6 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 49.222 ug/l m
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

Tgt Ion: 75 Resp: 200617
 Ion Ratio Lower Upper
 75 100
 77 193.2 89.1 267.4





#77

Bromobenzene

Concen: 46.111 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

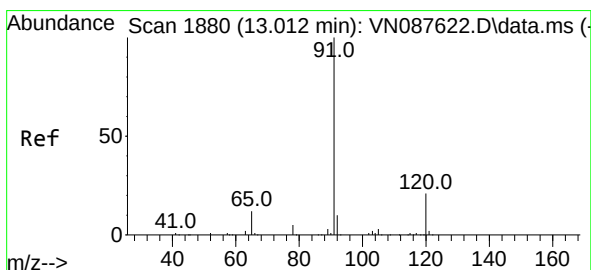
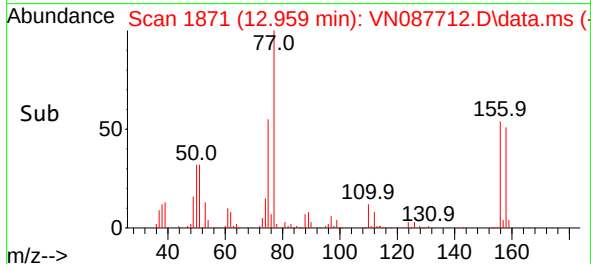
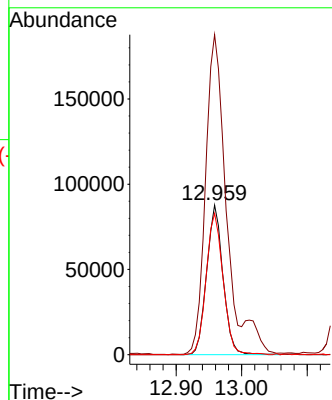
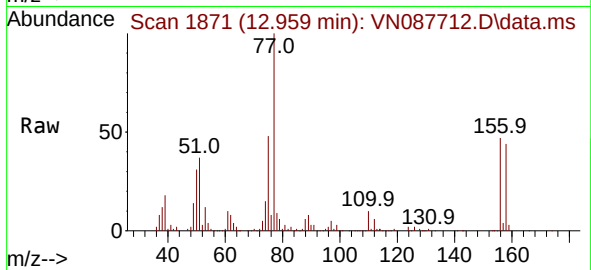
Tgt Ion:156 Resp: 152695

Ion Ratio Lower Upper

156 100

77 253.9 119.3 358.0

158 97.7 48.2 144.6



#78

n-propylbenzene

Concen: 45.092 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087712.D

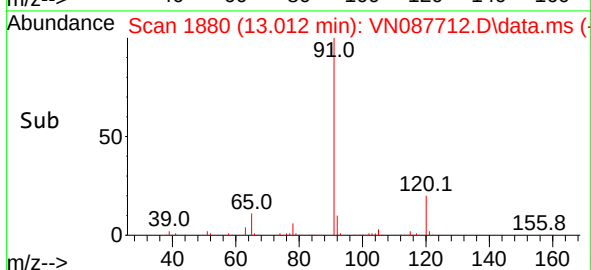
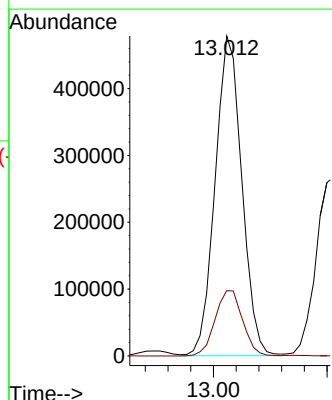
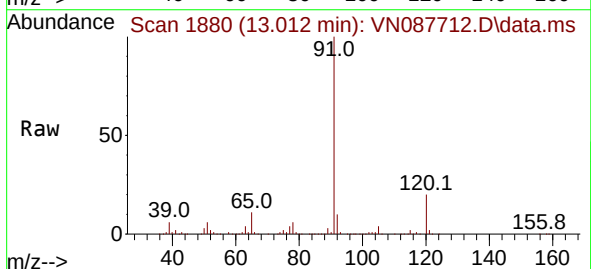
Acq: 02 Sep 2025 15:48

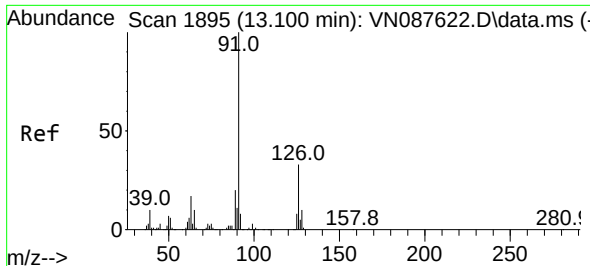
Tgt Ion: 91 Resp: 780067

Ion Ratio Lower Upper

91 100

120 21.1 10.7 32.1

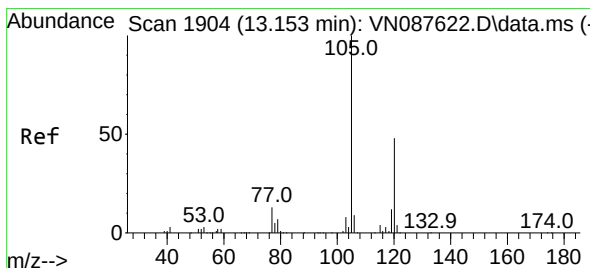
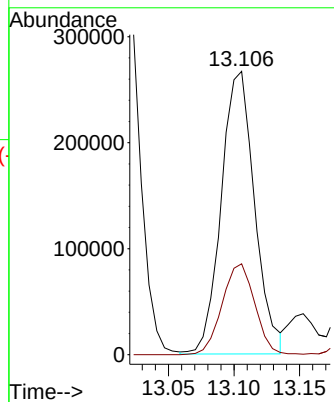
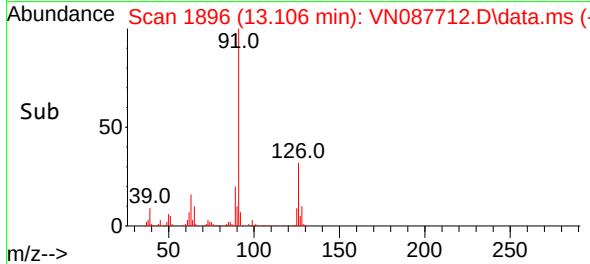
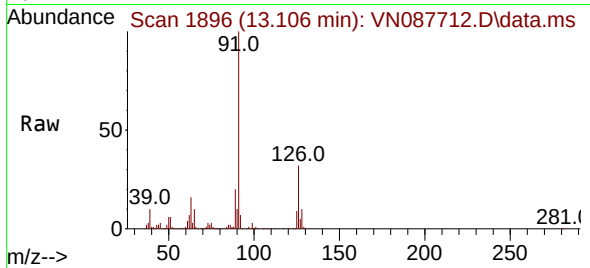




#79
2-Chlorotoluene
Concen: 45.386 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

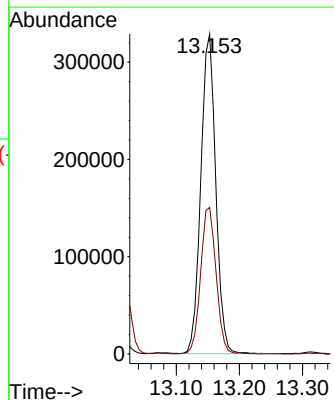
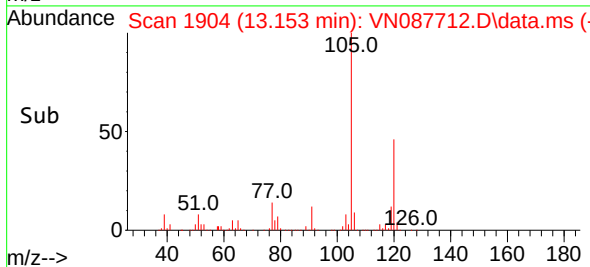
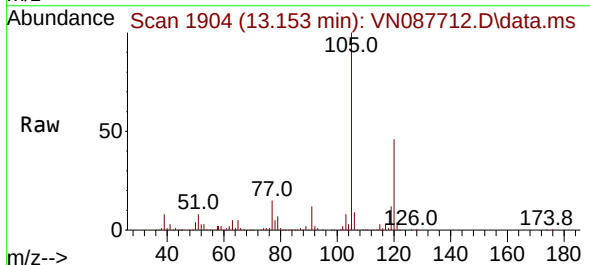
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

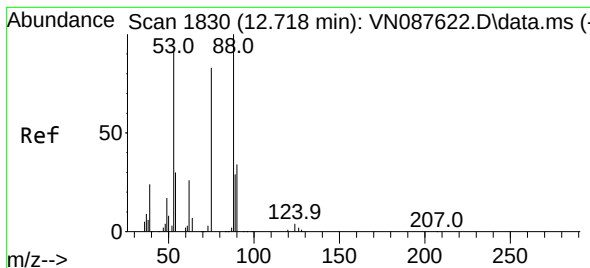
Tgt Ion: 91 Resp: 472490
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 45.321 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 105 Resp: 539966
Ion Ratio Lower Upper
105 100
120 47.6 23.2 69.6

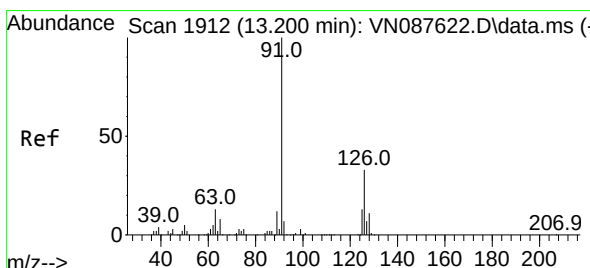
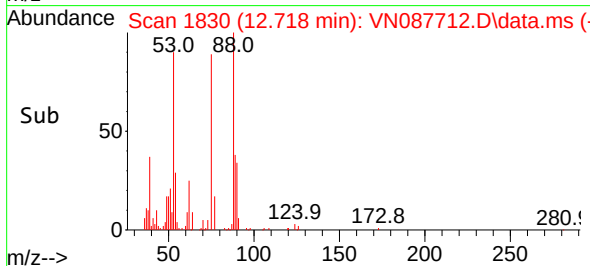
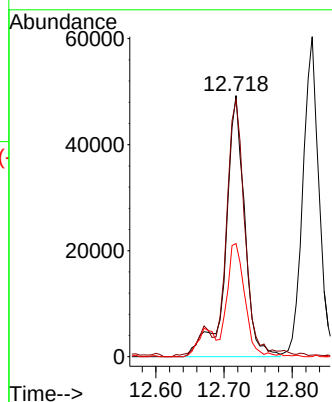
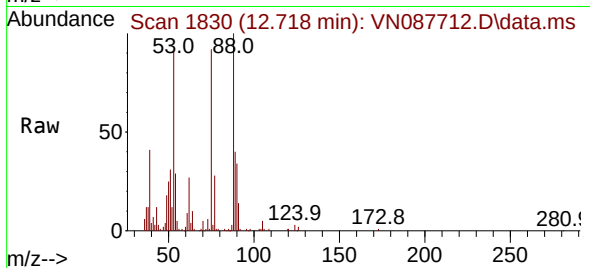




#81
trans-1,4-Dichloro-2-butene
Concen: 61.972 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

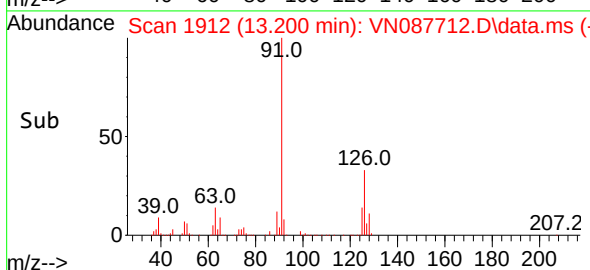
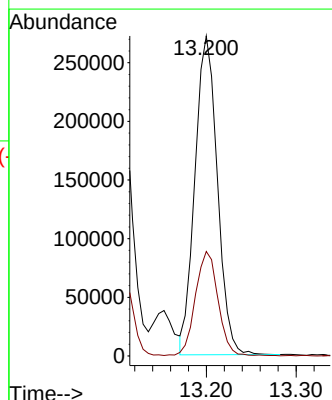
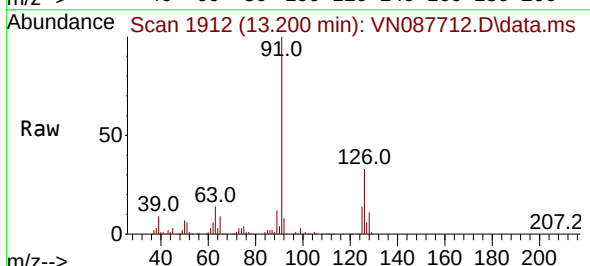
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

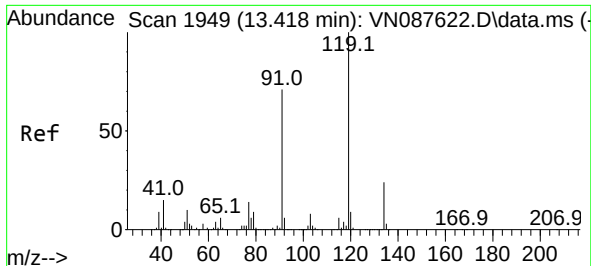
Tgt Ion: 75 Resp: 95410
Ion Ratio Lower Upper
75 100
53 92.9 101.8 152.6#
89 41.6 35.6 53.4



#82
4-Chlorotoluene
Concen: 43.117 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion: 91 Resp: 471940
Ion Ratio Lower Upper
91 100
126 33.1 15.6 46.8

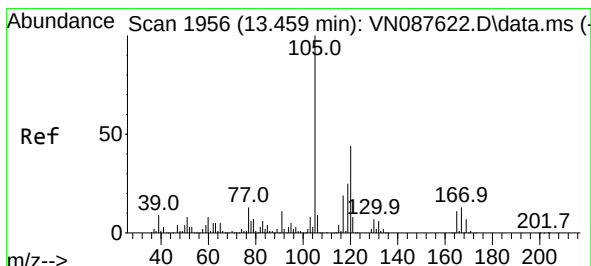
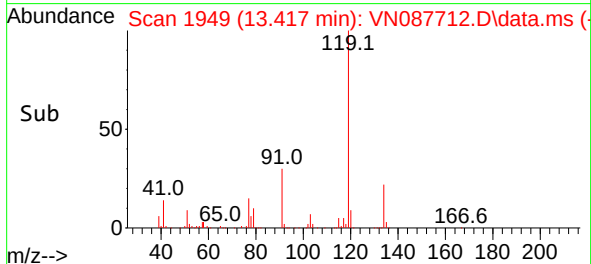
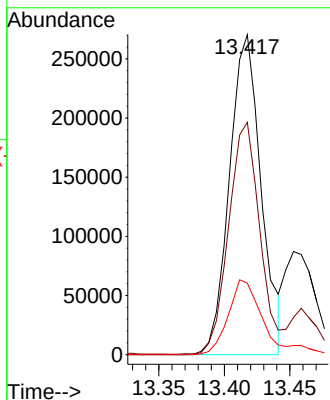
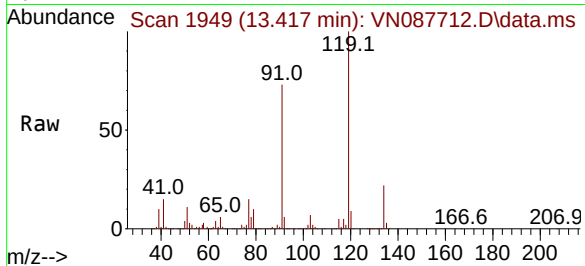




#83
tert-Butylbenzene
Concen: 45.819 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

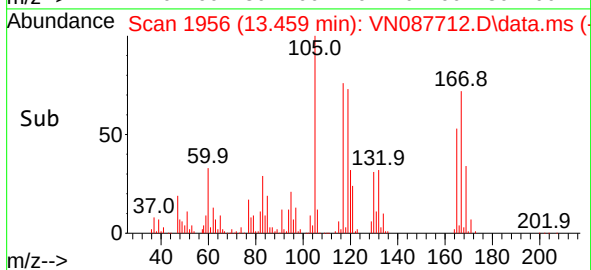
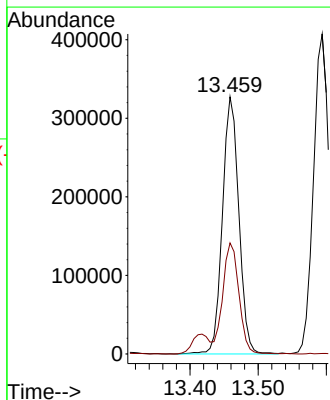
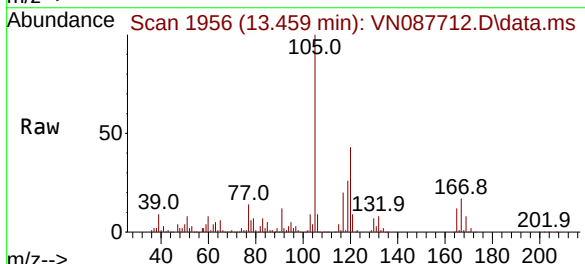
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

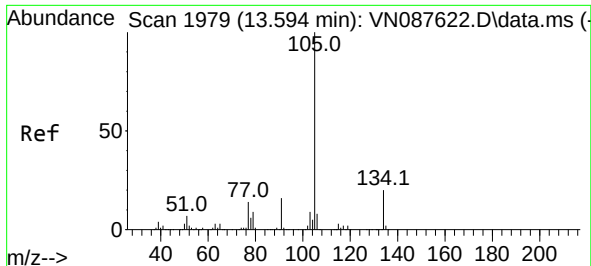
Tgt Ion:119 Resp: 454908
Ion Ratio Lower Upper
119 100
91 70.9 35.0 105.0
134 26.1 12.6 37.8



#84
1,2,4-Trimethylbenzene
Concen: 46.033 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion:105 Resp: 549031
Ion Ratio Lower Upper
105 100
120 42.8 22.0 66.0

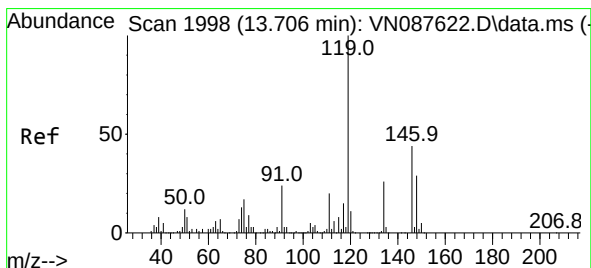
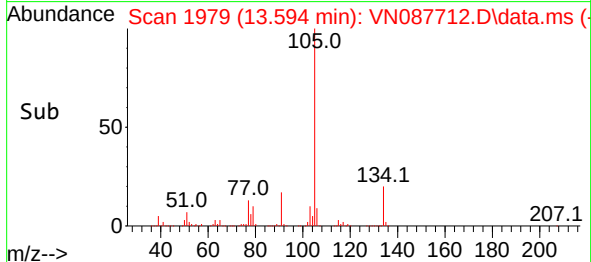
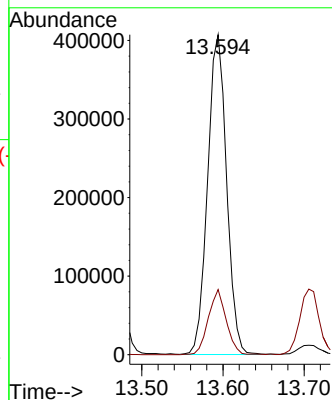
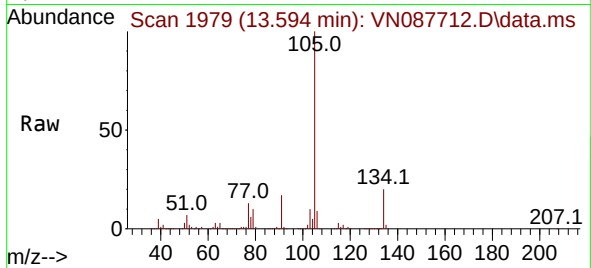




#85
sec-Butylbenzene
Concen: 44.894 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

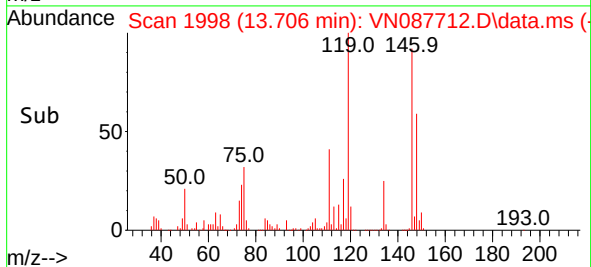
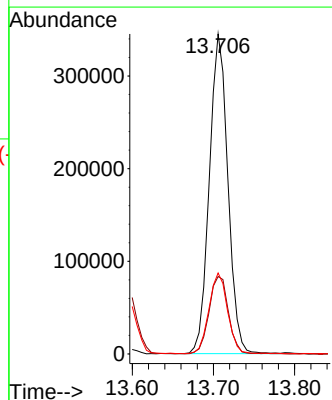
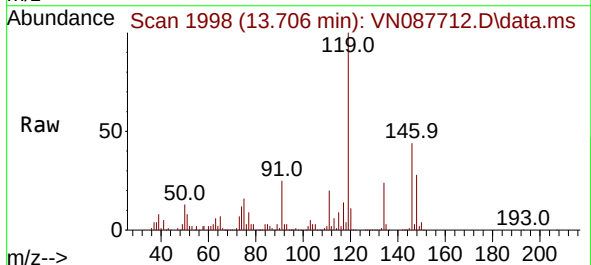
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

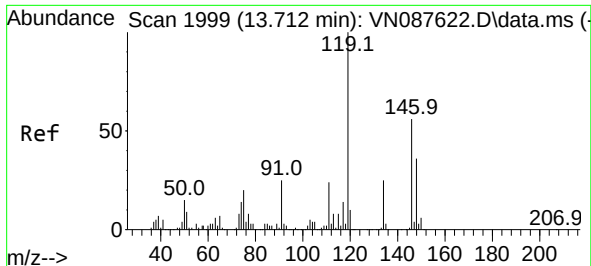
Tgt Ion:105 Resp: 661453
Ion Ratio Lower Upper
105 100
134 19.3 9.6 28.6



#86
p-Isopropyltoluene
Concen: 44.940 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion:119 Resp: 546754
Ion Ratio Lower Upper
119 100
134 25.5 12.7 38.0
91 25.2 12.5 37.5

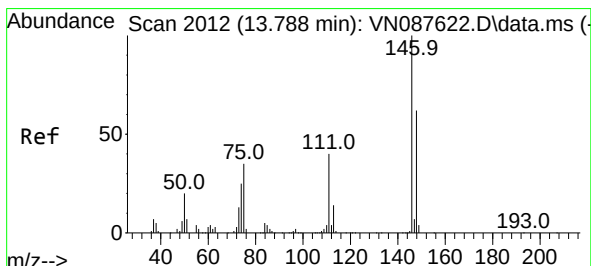
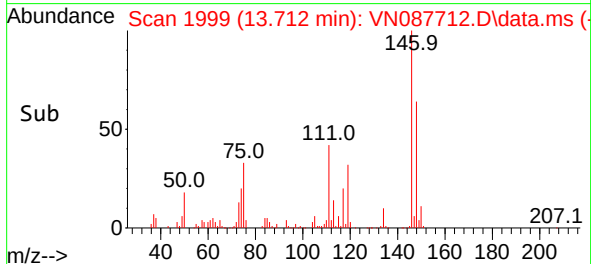
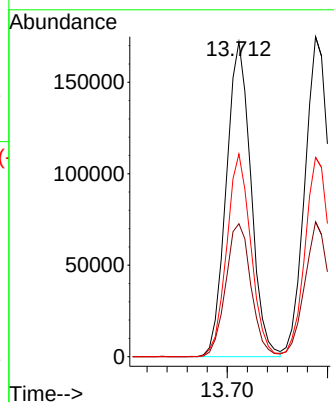
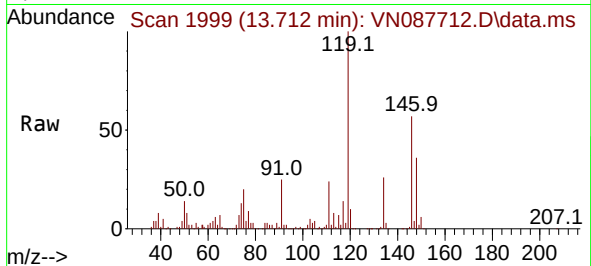




#87
1,3-Dichlorobenzene
Concen: 45.002 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

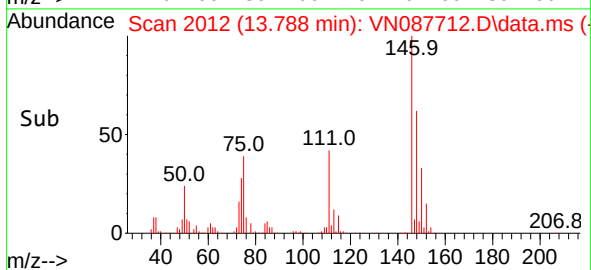
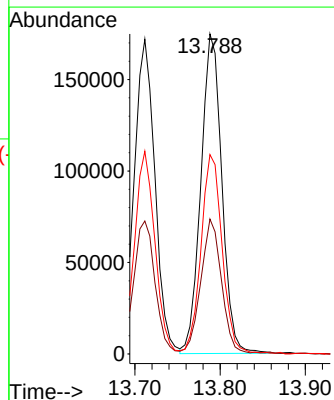
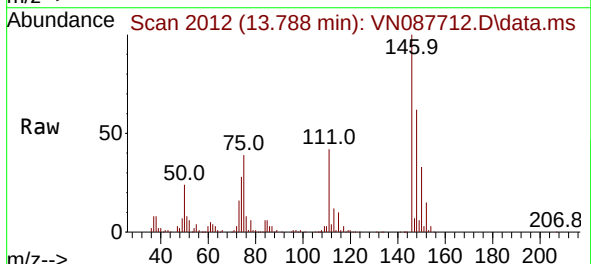
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

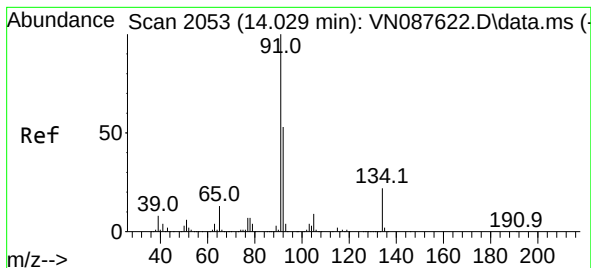
Tgt Ion:146 Resp: 293464
Ion Ratio Lower Upper
146 100
111 43.5 22.1 66.5
148 63.3 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 44.049 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion:146 Resp: 298929
Ion Ratio Lower Upper
146 100
111 41.8 21.0 63.0
148 63.4 32.0 96.0





#89

n-Butylbenzene

Concen: 44.808 ug/l

RT: 14.035 min Scan# 2054

Delta R.T. 0.006 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

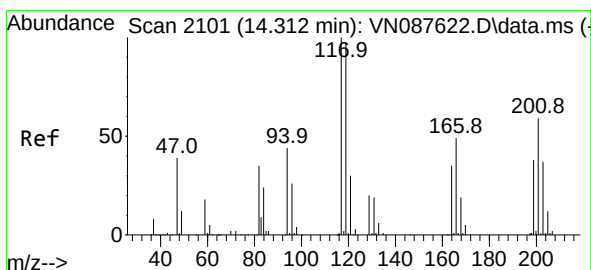
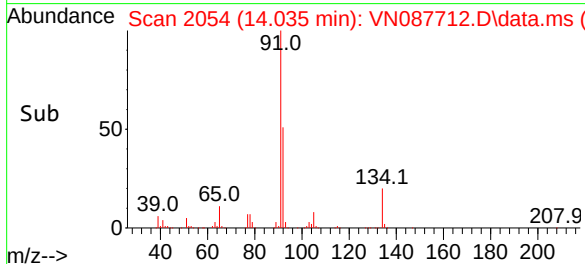
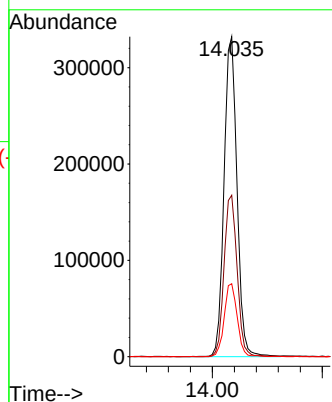
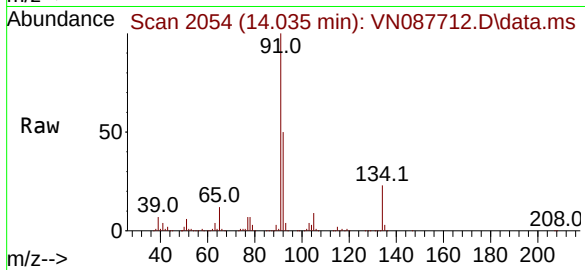
Tgt Ion: 91 Resp: 541411

Ion Ratio Lower Upper

91 100

92 51.2 25.9 77.8

134 23.0 11.7 35.0



#90

Hexachloroethane

Concen: 45.918 ug/l

RT: 14.312 min Scan# 2101

Delta R.T. -0.000 min

Lab File: VN087712.D

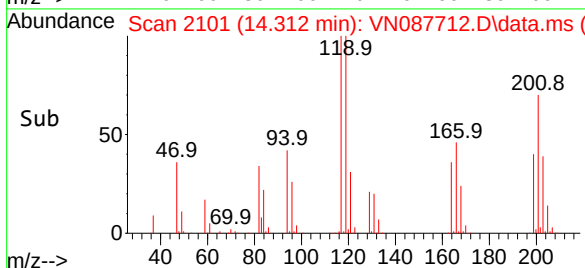
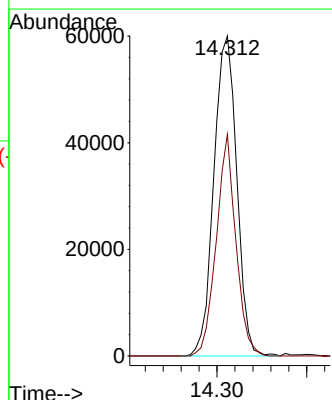
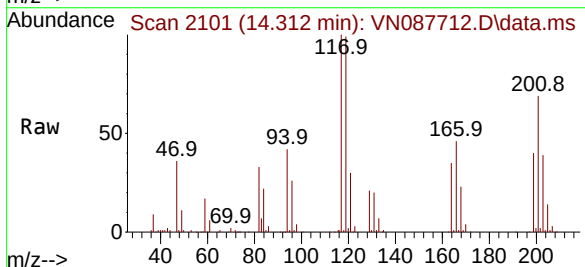
Acq: 02 Sep 2025 15:48

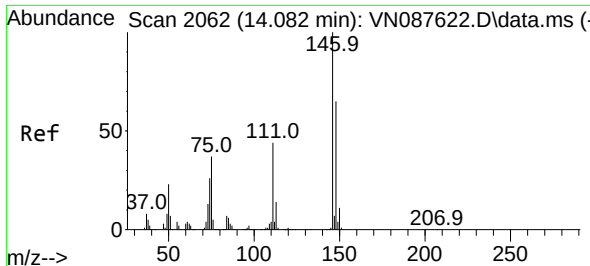
Tgt Ion: 117 Resp: 106431

Ion Ratio Lower Upper

117 100

201 59.3 29.1 87.4

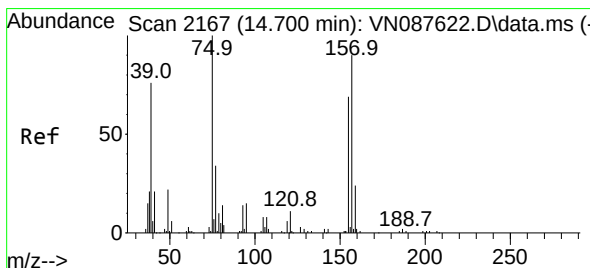
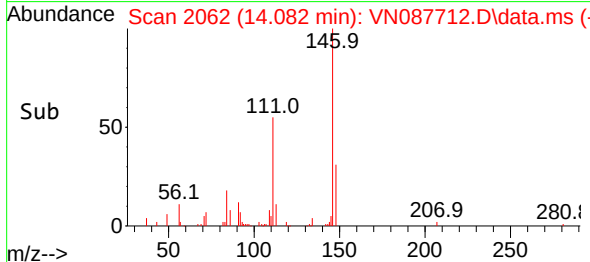
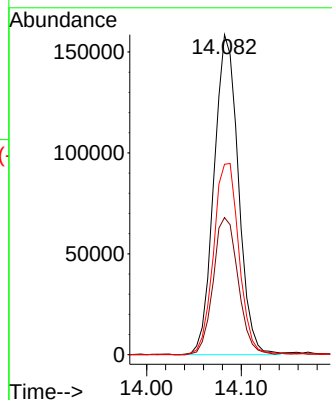
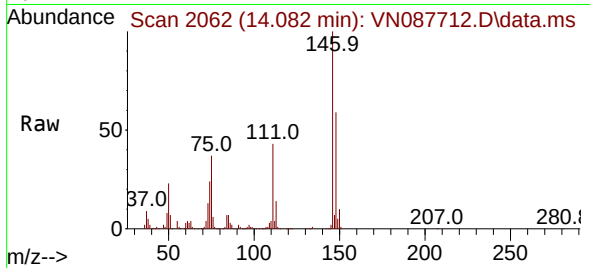




#91
 1,2-Dichlorobenzene
 Concen: 45.857 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

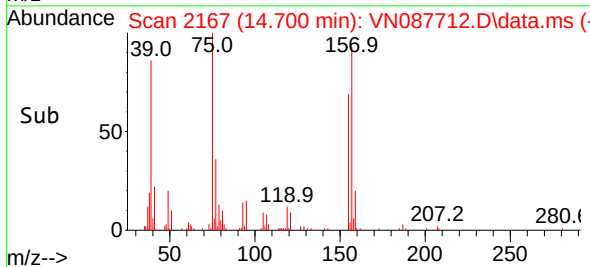
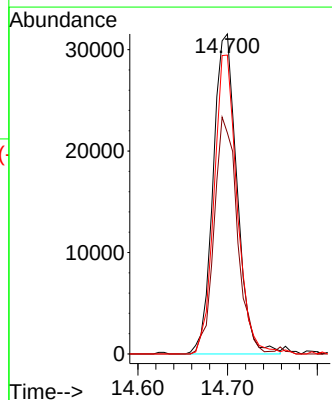
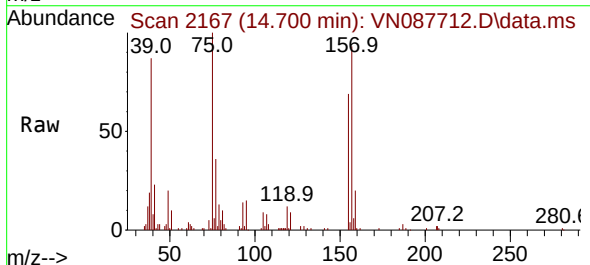
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

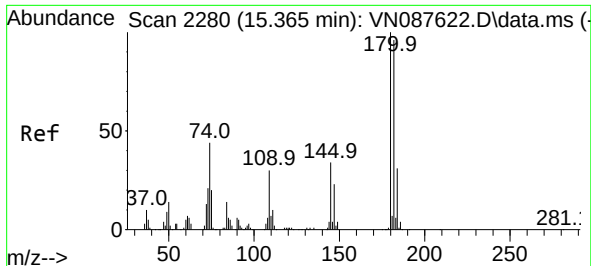
Tgt Ion:146 Resp: 283702
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.6 67.8
 148 62.4 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.712 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. -0.000 min
 Lab File: VN087712.D
 Acq: 02 Sep 2025 15:48

Tgt Ion: 75 Resp: 58250
 Ion Ratio Lower Upper
 75 100
 155 71.9 36.6 109.9
 157 90.5 45.6 136.9

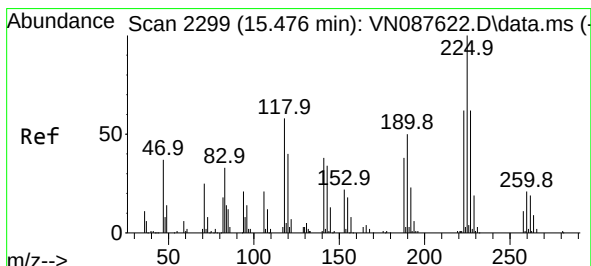
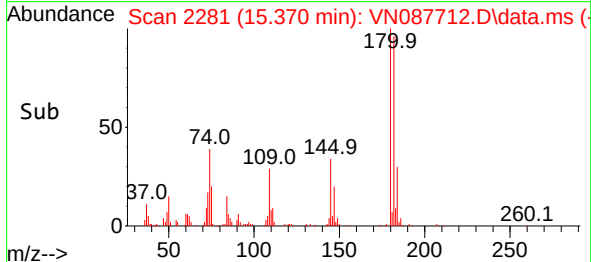
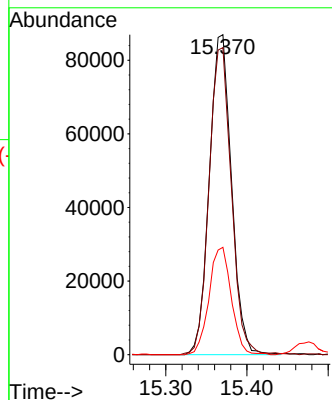
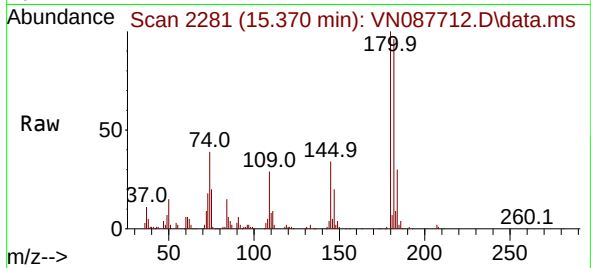




#93
1,2,4-Trichlorobenzene
Concen: 44.338 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

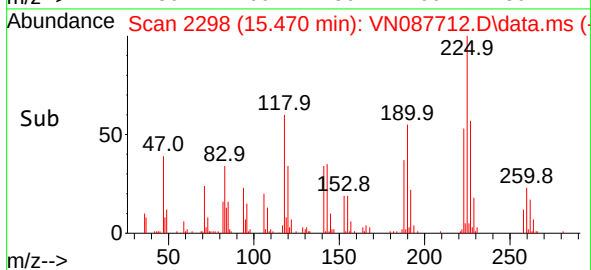
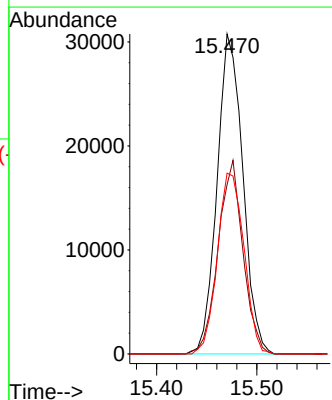
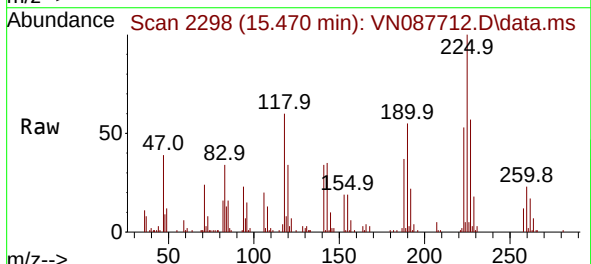
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

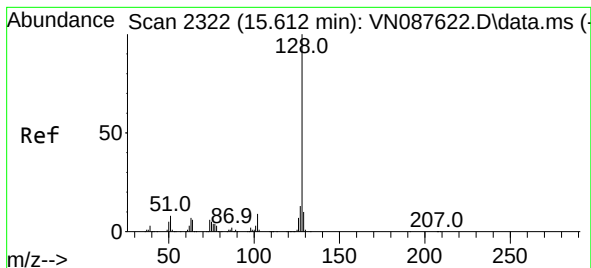
Tgt Ion:180 Resp: 164720
Ion Ratio Lower Upper
180 100
182 96.7 47.6 142.9
145 33.8 16.5 49.5



#94
Hexachlorobutadiene
Concen: 41.405 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN087712.D
Acq: 02 Sep 2025 15:48

Tgt Ion:225 Resp: 54839
Ion Ratio Lower Upper
225 100
223 58.5 32.0 96.2
227 58.6 32.1 96.5





#95

Naphthalene

Concen: 48.968 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

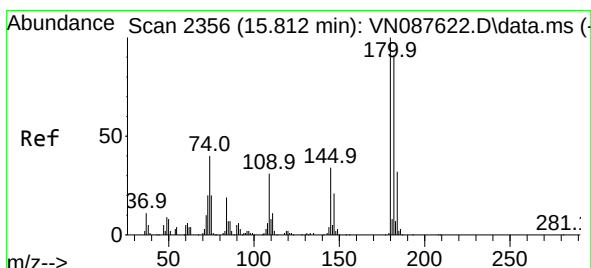
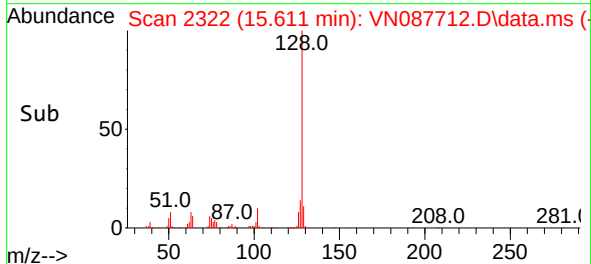
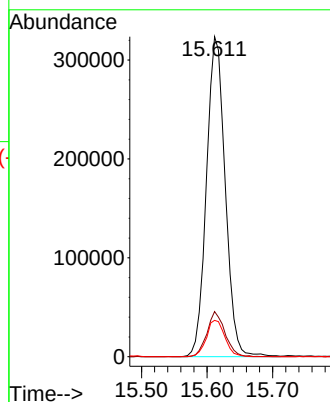
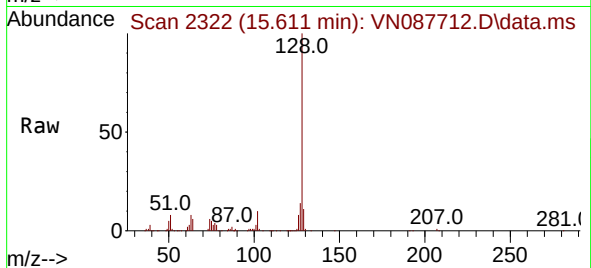
Tgt Ion:128 Resp: 644362

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.2 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 44.522 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087712.D

Acq: 02 Sep 2025 15:48

Tgt Ion:180 Resp: 161699

Ion Ratio Lower Upper

180 100

182 95.9 46.8 140.3

145 35.9 17.3 52.0

