

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087792.D
 Acq On : 11 Sep 2025 12:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 12 02:49:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	284150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	535670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	504865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	262340	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	249477	42.851	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.700%
35) Dibromofluoromethane	8.147	113	185412	47.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.880%
50) Toluene-d8	10.547	98	660736	45.645	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.300%
62) 4-Bromofluorobenzene	12.823	95	247012	47.983	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	181388	44.946	ug/l	97
3) Chloromethane	2.383	50	207559	50.045	ug/l	98
4) Vinyl Chloride	2.536	62	222029	46.171	ug/l	99
5) Bromomethane	2.965	94	132942	53.579	ug/l	97
6) Chloroethane	3.136	64	152292	45.059	ug/l	100
7) Trichlorofluoromethane	3.506	101	321511	45.634	ug/l	100
8) Diethyl Ether	3.959	74	137517	44.818	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.359	101	169597	42.542	ug/l	95
10) Methyl Iodide	4.583	142	165967	54.929	ug/l	98
11) Tert butyl alcohol	5.530	59	224500	222.122	ug/l	98
12) 1,1-Dichloroethene	4.336	96	182822	44.626	ug/l	94
13) Acrolein	4.177	56	256486	206.423	ug/l	99
14) Allyl chloride	5.012	41	304037	40.954	ug/l	96
15) Acrylonitrile	5.706	53	620170	217.570	ug/l	100
16) Acetone	4.418	43	753469	237.743	ug/l	98
17) Carbon Disulfide	4.700	76	520462	46.148	ug/l	99
18) Methyl Acetate	5.018	43	281129	42.366	ug/l	97
19) Methyl tert-butyl Ether	5.789	73	692449	45.056	ug/l	97
20) Methylene Chloride	5.265	84	214573	46.727	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	195886	44.119	ug/l	92
22) Diisopropyl ether	6.659	45	707312	44.150	ug/l	97
23) Vinyl Acetate	6.588	43	3325708	228.171	ug/l	99
24) 1,1-Dichloroethane	6.553	63	384760	43.802	ug/l	96
25) 2-Butanone	7.471	43	933175	223.807	ug/l	99
26) 2,2-Dichloropropane	7.471	77	336947	44.693	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	239941	45.204	ug/l	99
28) Bromochloromethane	7.794	49	168760	39.740	ug/l	92
29) Tetrahydrofuran	7.824	42	578660	215.648	ug/l	98
30) Chloroform	7.947	83	401794	44.814	ug/l	99
31) Cyclohexane	8.235	56	301706	41.201	ug/l	91
32) 1,1,1-Trichloroethane	8.153	97	335590	44.167	ug/l	97
36) 1,1-Dichloropropene	8.353	75	264437	44.569	ug/l	98
37) Ethyl Acetate	7.547	43	368073	45.398	ug/l	100
38) Carbon Tetrachloride	8.341	117	283133	48.332	ug/l	90
39) Methylcyclohexane	9.582	83	293999	45.007	ug/l	97
40) Benzene	8.588	78	858914	47.198	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	188183	44.808	ug/l	99
42) 1,2-Dichloroethane	8.653	62	319686	45.714	ug/l	100
43) Isopropyl Acetate	8.671	43	583755	46.117	ug/l	99
44) Trichloroethene	9.335	130	198236	47.713	ug/l	92
45) 1,2-Dichloropropane	9.600	63	212934	44.390	ug/l	97
46) Dibromomethane	9.688	93	162883	47.717	ug/l	96
47) Bromodichloromethane	9.865	83	327313	46.787	ug/l	96
48) Methyl methacrylate	9.665	41	274379	45.826	ug/l	97
49) 1,4-Dioxane	9.677	88	83037	1069.995	ug/l #	99
51) 4-Methyl-2-Pentanone	10.424	43	1803495	236.145	ug/l	99
52) Toluene	10.612	92	531341	47.097	ug/l	100
53) t-1,3-Dichloropropene	10.812	75	347852	48.036	ug/l	100
54) cis-1,3-Dichloropropene	10.294	75	360480	47.943	ug/l	99
55) 1,1,2-Trichloroethane	10.994	97	207496	47.544	ug/l	97
56) Ethyl methacrylate	10.853	69	343185	49.204	ug/l	98
57) 1,3-Dichloropropane	11.141	76	365248	47.288	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.141	63	837652	221.889	ug/l	97
59) 2-Hexanone	11.176	43	1258939	260.827	ug/l	99
60) Dibromochloromethane	11.335	129	249655	49.369	ug/l	97
61) 1,2-Dibromoethane	11.447	107	221365	48.103	ug/l	99
64) Tetrachloroethene	11.082	164	157628	45.002	ug/l	94
65) Chlorobenzene	11.871	112	590877	47.043	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.941	131	206634	49.555	ug/l	98
67) Ethyl Benzene	11.941	91	1020084	46.907	ug/l	98
68) m/p-Xylenes	12.047	106	781695	98.010	ug/l	97
69) o-Xylene	12.376	106	374264	47.884	ug/l	99
70) Styrene	12.388	104	652339	49.818	ug/l	99
71) Bromoform	12.559	173	167953	52.519	ug/l	96
73) Isopropylbenzene	12.676	105	957513	45.168	ug/l	99
74) N-amyl acetate	12.500	43	221183	27.532	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.917	83	327385	44.857	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	436277	70.916	ug/l	61
77) Bromobenzene	12.959	156	235651	47.146	ug/l	96
78) n-propylbenzene	13.012	91	1203726	46.099	ug/l	99
79) 2-Chlorotoluene	13.106	91	714049	45.441	ug/l	100
80) 1,3,5-Trimethylbenzene	13.153	105	834809	46.421	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.717	75	116867	50.291	ug/l #	81
82) 4-Chlorotoluene	13.200	91	736849	44.600	ug/l	96
83) tert-Butylbenzene	13.417	119	703804	46.965	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	848197	47.116	ug/l	99
85) sec-Butylbenzene	13.594	105	1025732	46.124	ug/l	99
86) p-Isopropyltoluene	13.706	119	874904	47.643	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	462701	47.008	ug/l	98
88) 1,4-Dichlorobenzene	13.788	146	467232	45.613	ug/l	99
89) n-Butylbenzene	14.029	91	846984	46.441	ug/l	100
90) Hexachloroethane	14.312	117	172402	49.278	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	441941	47.326	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.700	75	75274	43.416	ug/l	93
93) 1,2,4-Trichlorobenzene	15.364	180	266753	47.571	ug/l	100
94) Hexachlorobutadiene	15.470	225	100017	50.030	ug/l	99
95) Naphthalene	15.611	128	928256	46.735	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	260894	47.592	ug/l	99

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ClientSampleId :
VSTDCCC050

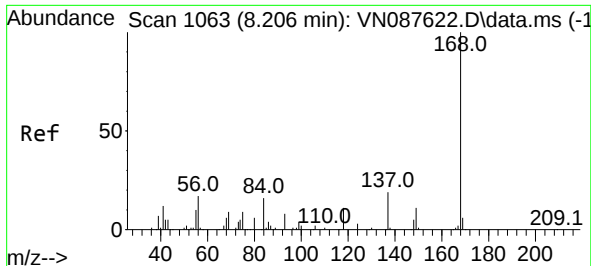
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QLast Update : Fri Aug 22 02:55:42 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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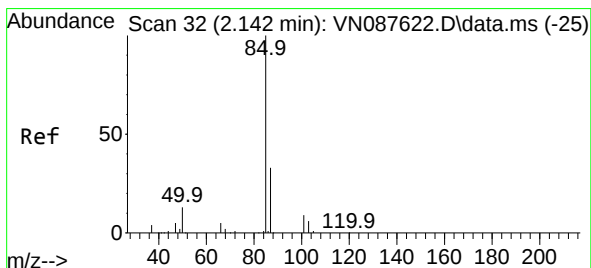
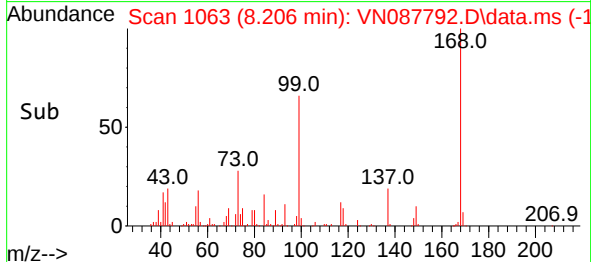
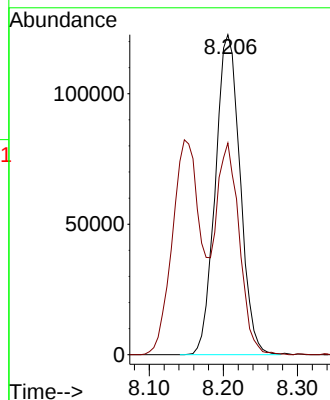
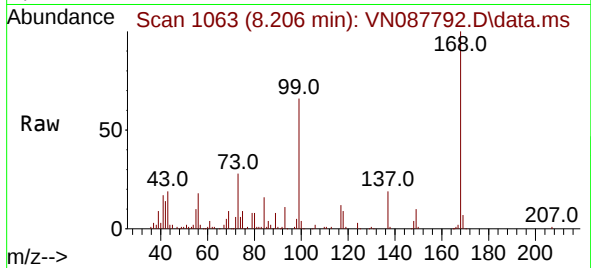




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

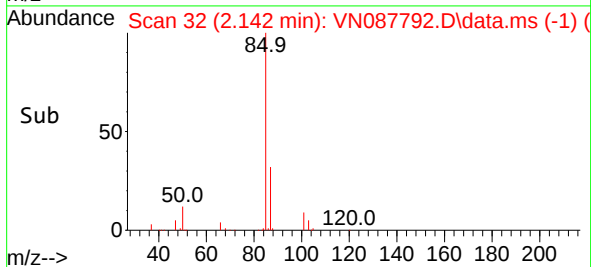
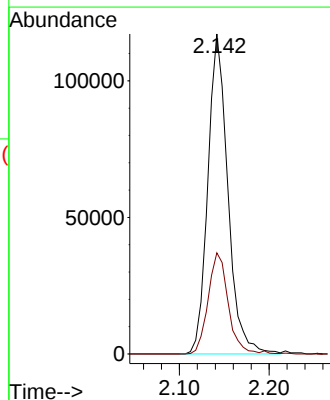
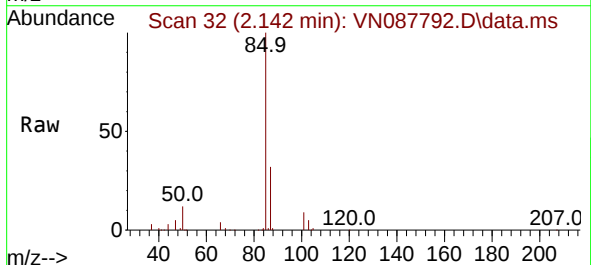
Instrument :
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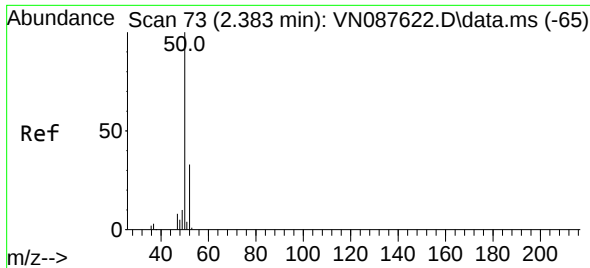
Tgt Ion:168 Resp: 284150
Ion Ratio Lower Upper
168 100
99 65.9 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 44.946 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 85 Resp: 181388
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.8

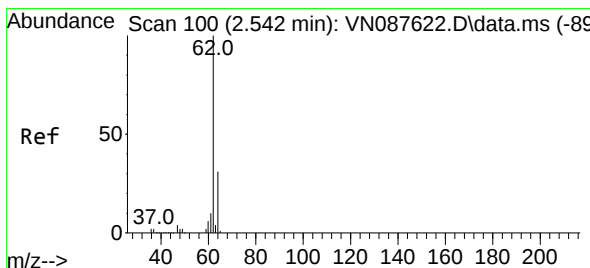
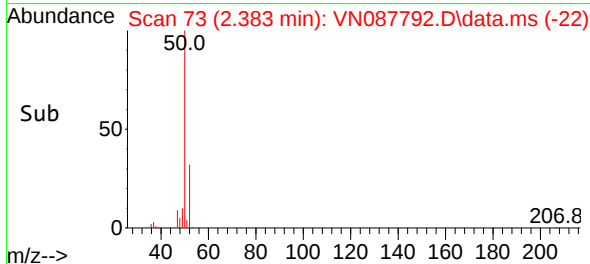
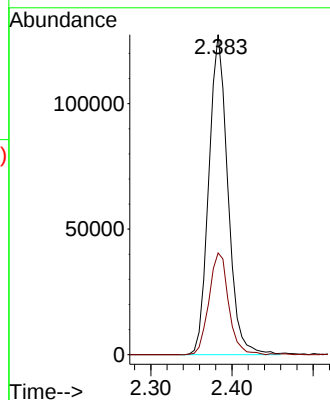
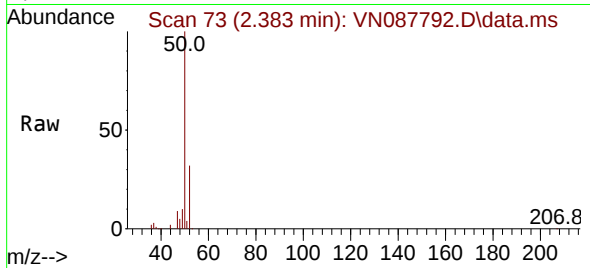




#3
Chloromethane
Concen: 50.045 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

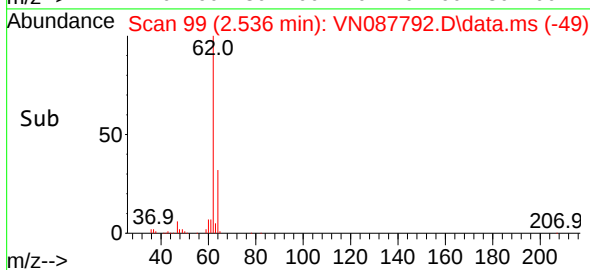
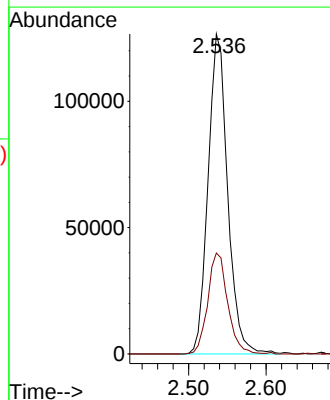
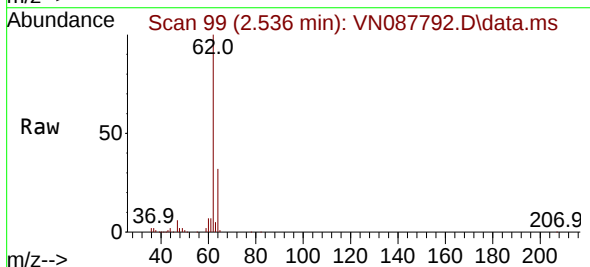
Instrument :
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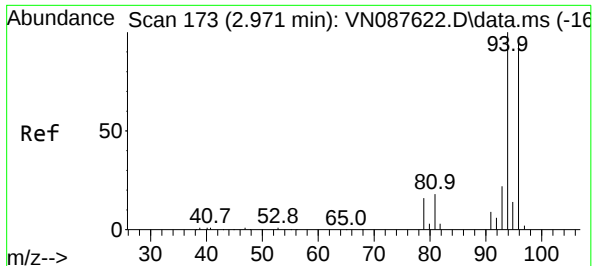
Tgt Ion: 50 Resp: 207559
Ion Ratio Lower Upper
50 100
52 31.8 26.2 39.4



#4
Vinyl Chloride
Concen: 46.171 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 62 Resp: 222029
Ion Ratio Lower Upper
62 100
64 31.5 24.6 37.0

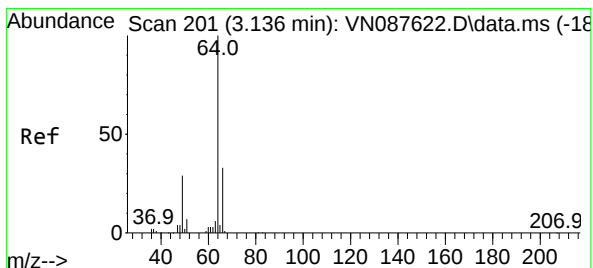
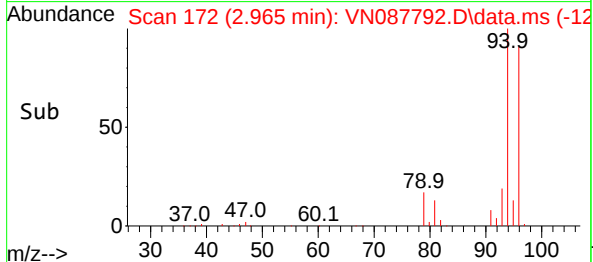
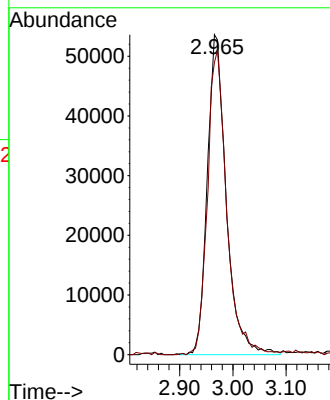
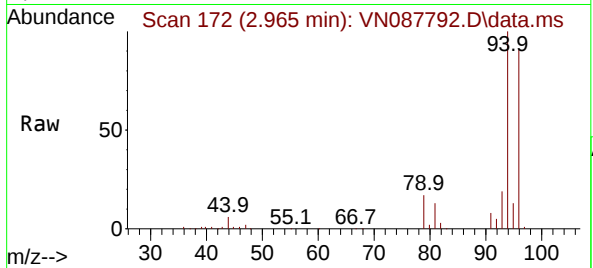




#5
Bromomethane
Concen: 53.579 ug/l
RT: 2.965 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

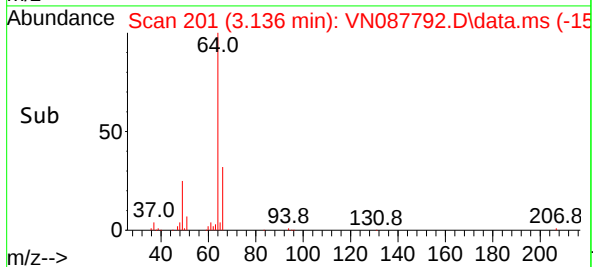
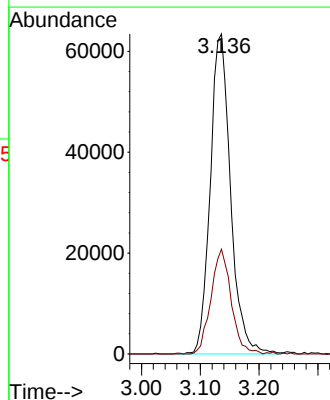
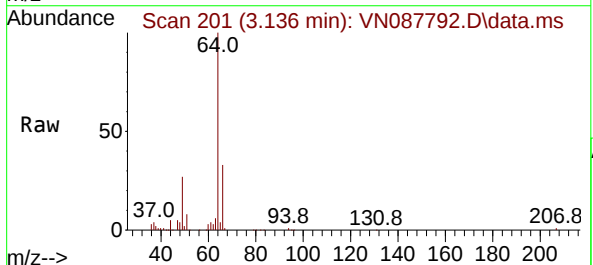
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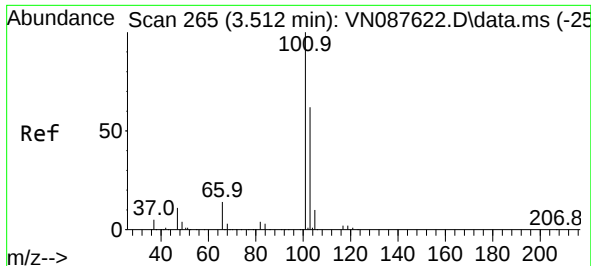
Tgt Ion: 94 Resp: 132942
Ion Ratio Lower Upper
94 100
96 91.0 75.4 113.2



#6
Chloroethane
Concen: 45.059 ug/l
RT: 3.136 min Scan# 201
Delta R.T. -0.000 min
Lab File: VN087792.D
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Tgt Ion: 64 Resp: 152292
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.2

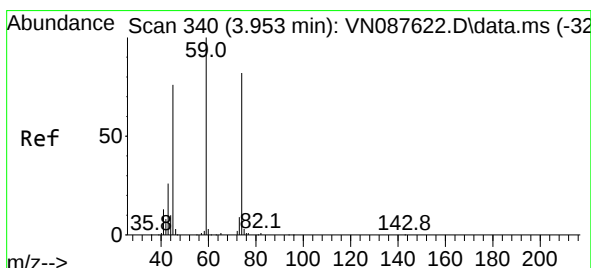
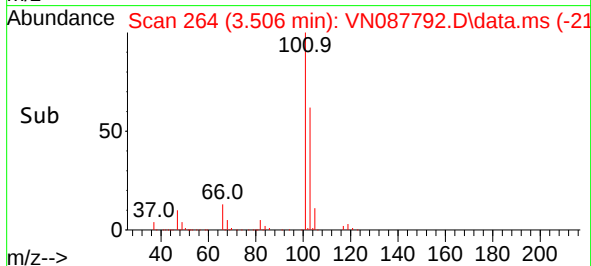
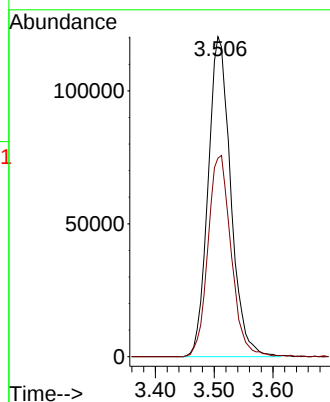
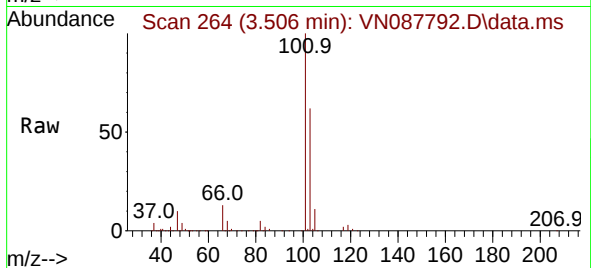




#7
Trichlorofluoromethane
Concen: 45.634 ug/l
RT: 3.506 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

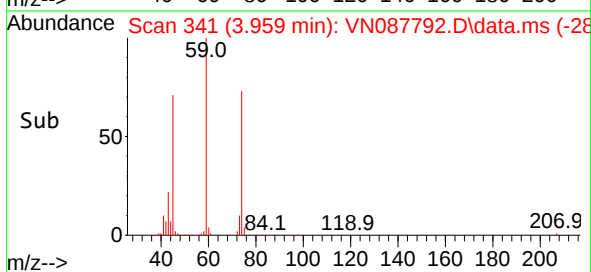
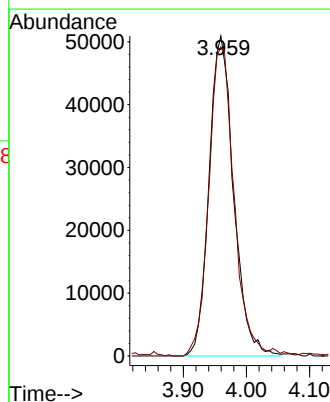
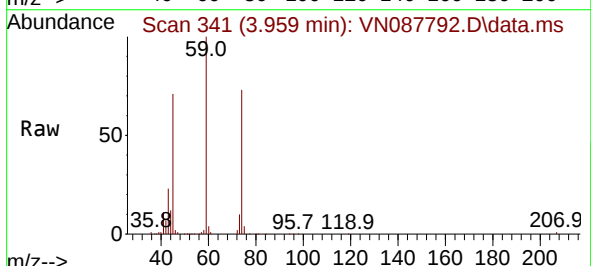
Instrument :
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VSTDCCC050

Tgt Ion:101 Resp: 321511
Ion Ratio Lower Upper
101 100
103 62.0 49.4 74.0



#8
Diethyl Ether
Concen: 44.818 ug/l
RT: 3.959 min Scan# 341
Delta R.T. 0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 74 Resp: 137517
Ion Ratio Lower Upper
74 100
45 98.9 50.6 151.9

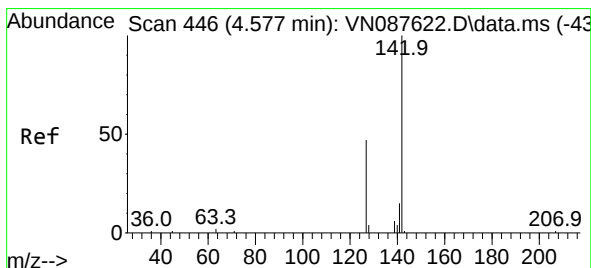
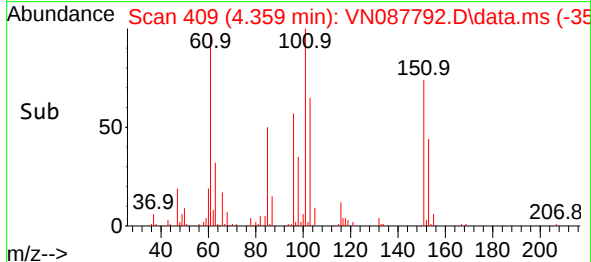
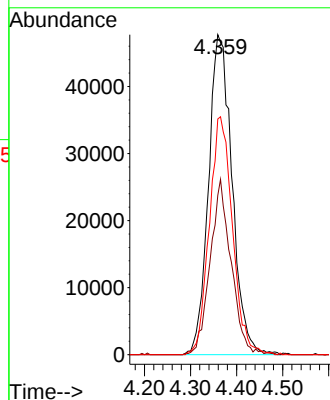
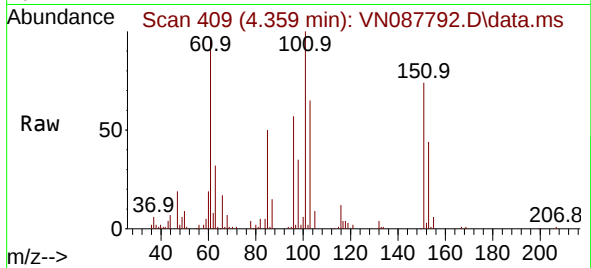




#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.542 ug/l
RT: 4.359 min Scan# 409
Delta R.T. -0.006 min
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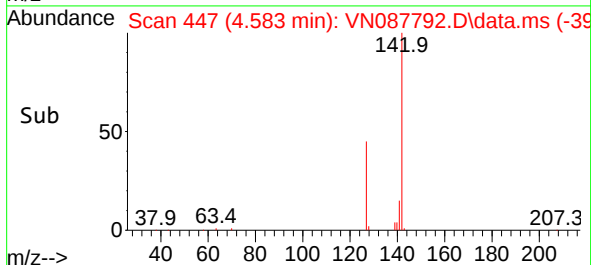
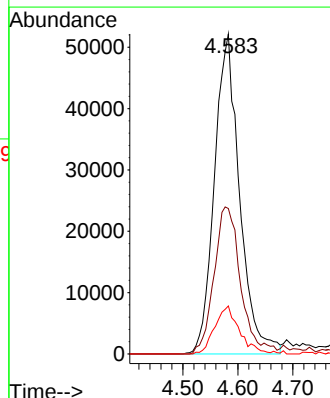
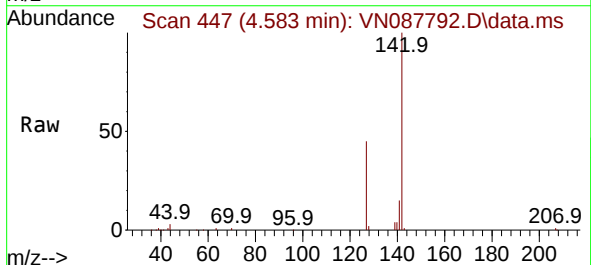
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

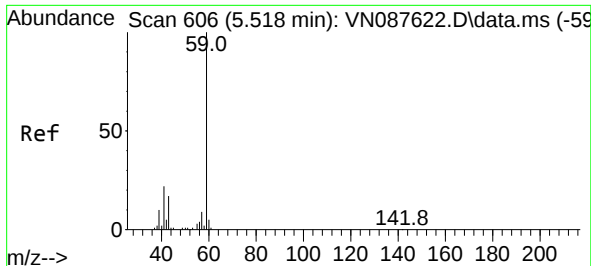
Tgt Ion:101 Resp: 169597
Ion Ratio Lower Upper
101 100
85 48.8 36.6 55.0
151 73.0 54.7 82.1



#10
Methyl Iodide
Concen: 54.929 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion:142 Resp: 165967
Ion Ratio Lower Upper
142 100
127 45.5 38.0 57.0
141 15.0 12.0 18.0

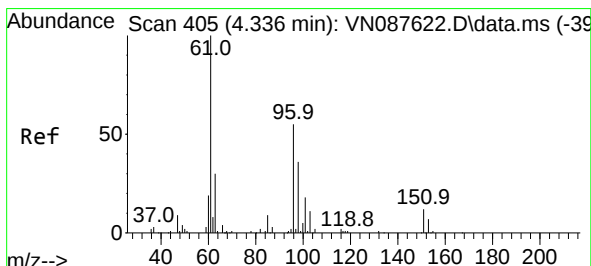
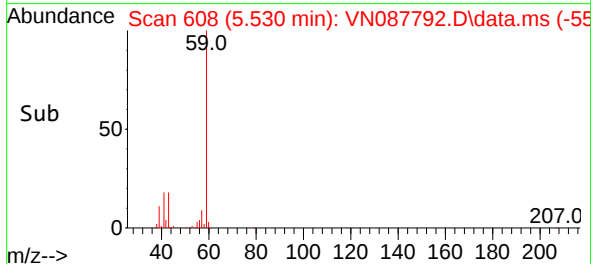
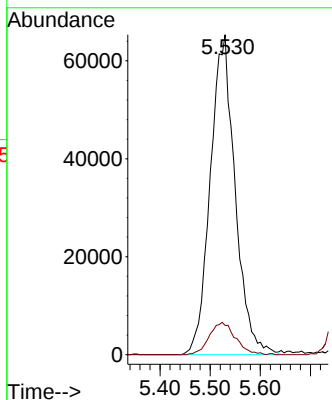
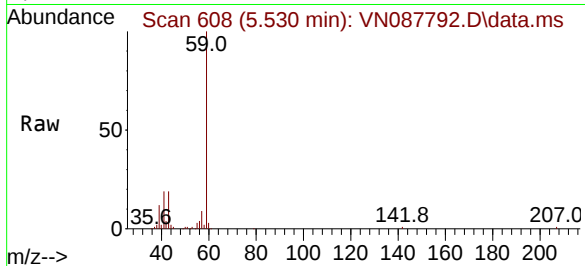




#11
Tert butyl alcohol
Concen: 222.122 ug/l
RT: 5.530 min Scan# 606
Delta R.T. 0.012 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

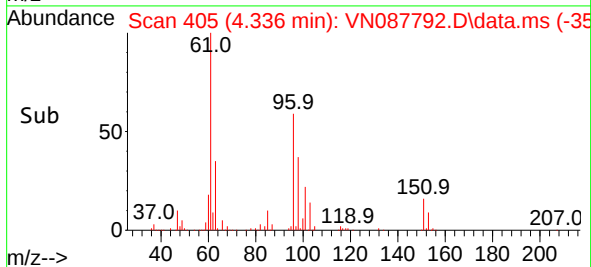
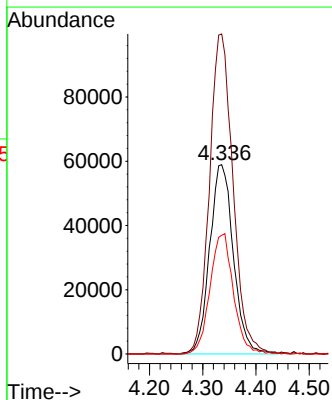
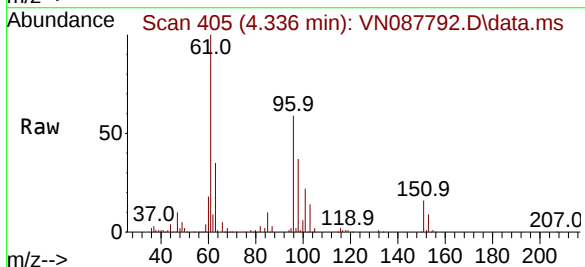
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

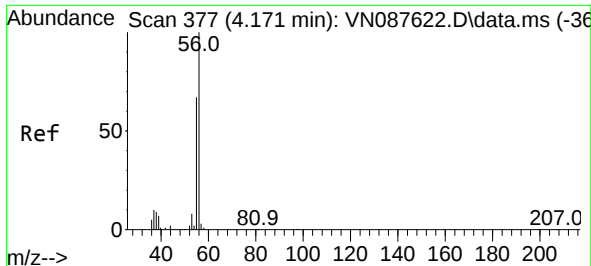
Tgt Ion: 59 Resp: 224500
Ion Ratio Lower Upper
59 100
57 10.6 9.0 13.4



#12
1,1-Dichloroethene
Concen: 44.626 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 96 Resp: 182822
Ion Ratio Lower Upper
96 100
61 169.1 143.8 215.8
98 62.8 52.1 78.1

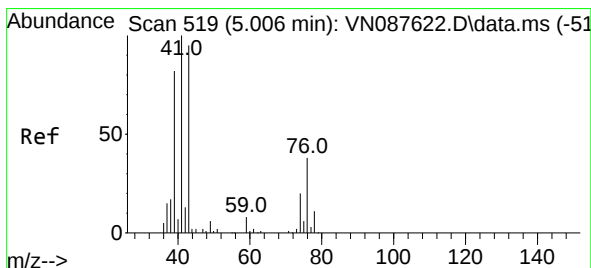
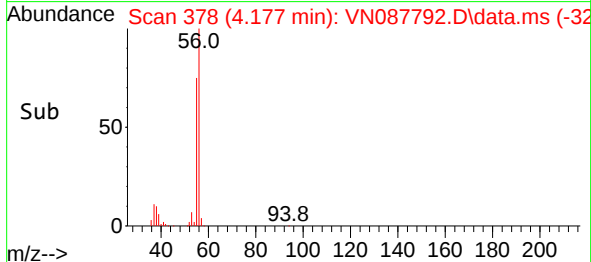
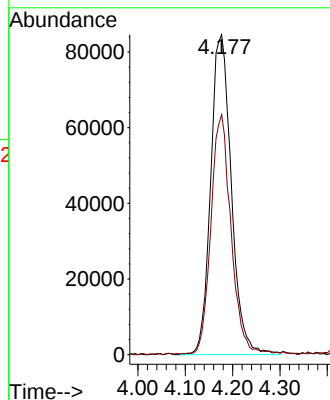
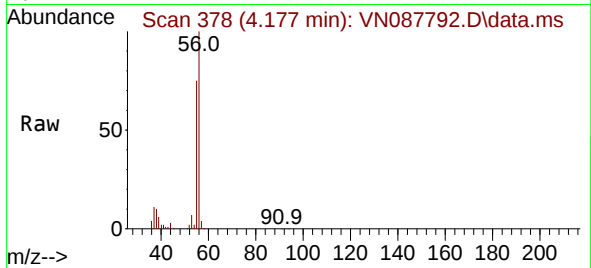




#13
Acrolein
Concen: 206.423 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

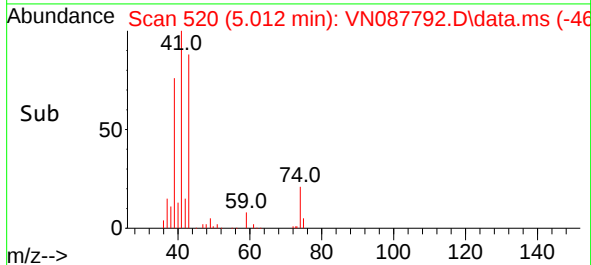
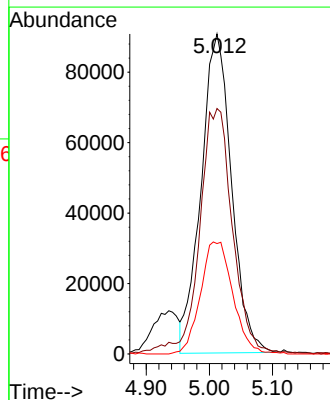
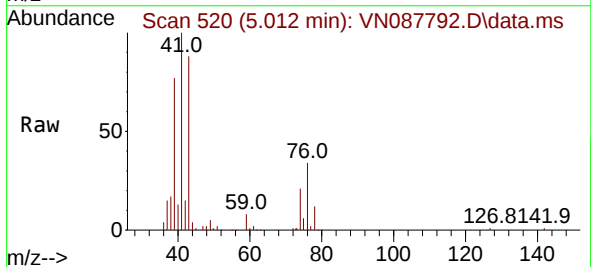
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 256486
Ion Ratio Lower Upper
56 100
55 72.3 57.3 85.9



#14
Allyl chloride
Concen: 40.954 ug/l
RT: 5.012 min Scan# 520
Delta R.T. 0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 41 Resp: 304037
Ion Ratio Lower Upper
41 100
39 83.4 63.9 95.9
76 37.4 28.1 42.1

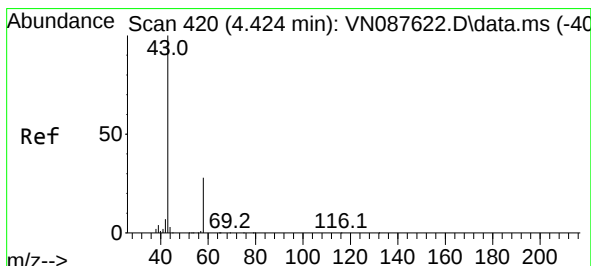
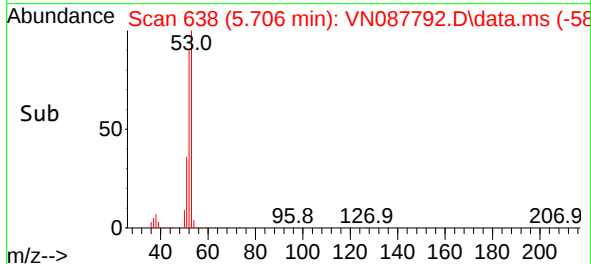
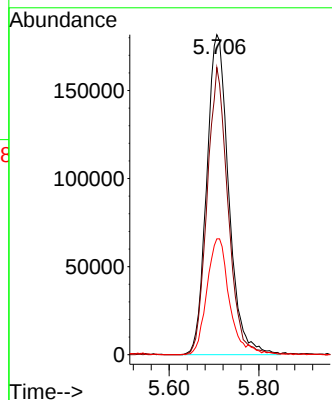
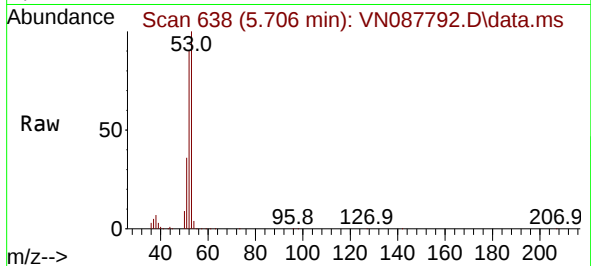




#15
Acrylonitrile
Concen: 217.570 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

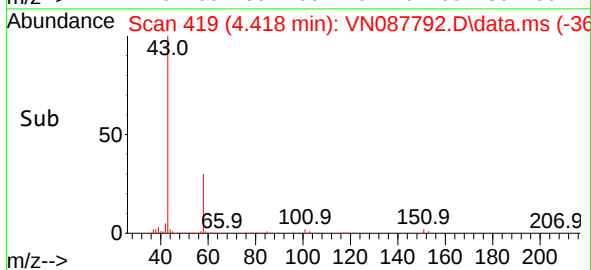
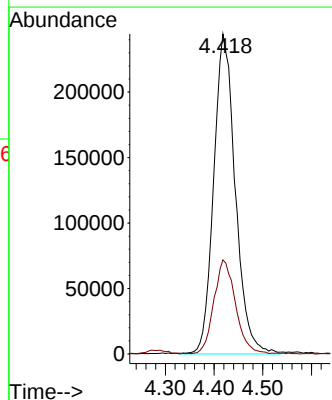
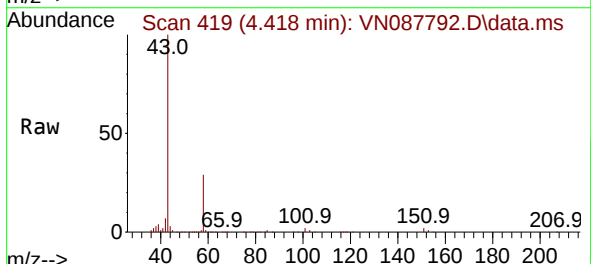
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

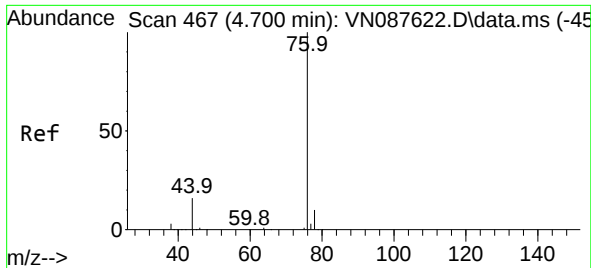
Tgt Ion: 53 Resp: 620170
Ion Ratio Lower Upper
53 100
52 84.9 67.6 101.4
51 37.2 30.1 45.1



#16
Acetone
Concen: 237.743 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 43 Resp: 753469
Ion Ratio Lower Upper
43 100
58 29.2 22.6 33.8

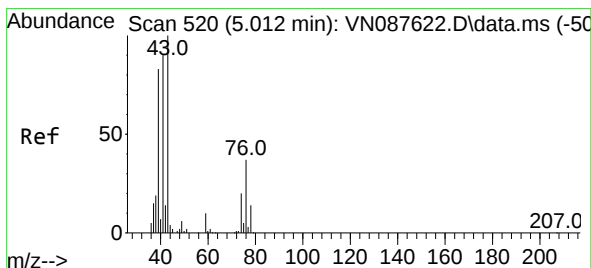
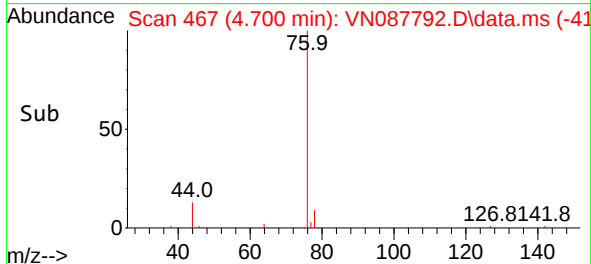
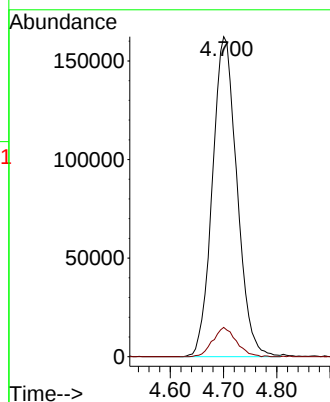
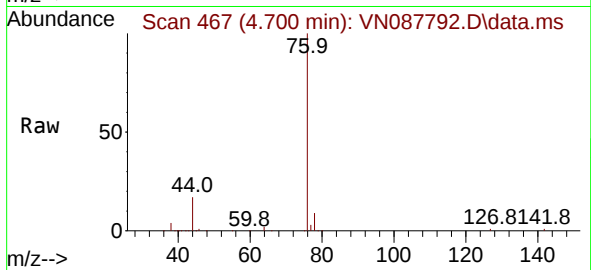




#17
Carbon Disulfide
Concen: 46.148 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

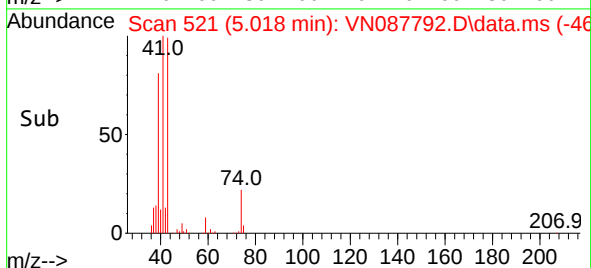
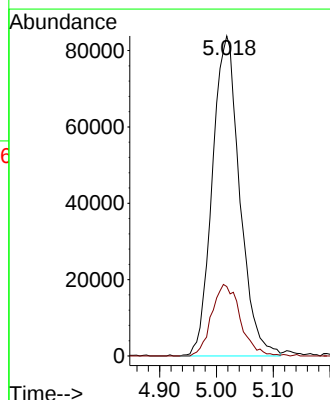
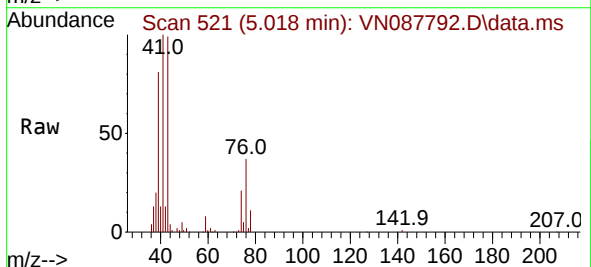
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

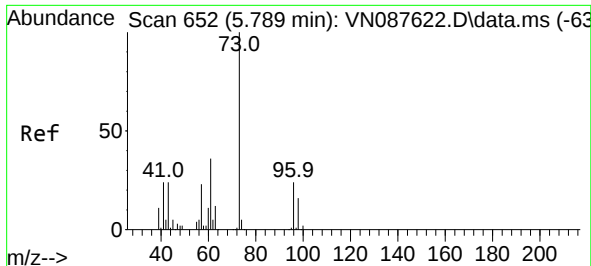
Tgt Ion: 76 Resp: 520462
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4



#18
Methyl Acetate
Concen: 42.366 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 43 Resp: 281129
Ion Ratio Lower Upper
43 100
74 23.4 17.6 26.4

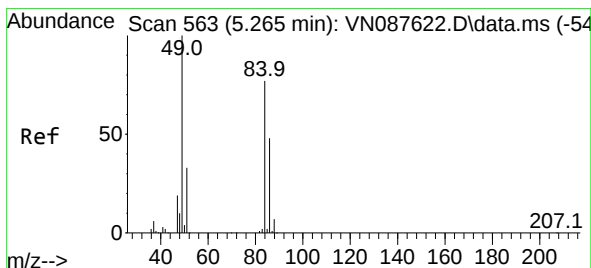
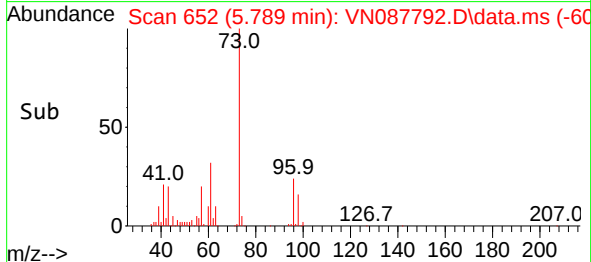
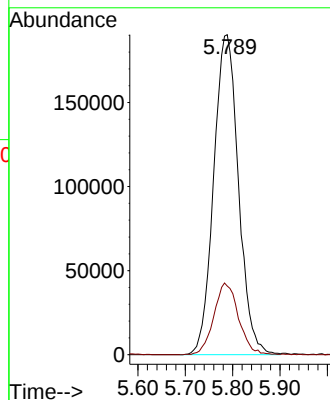
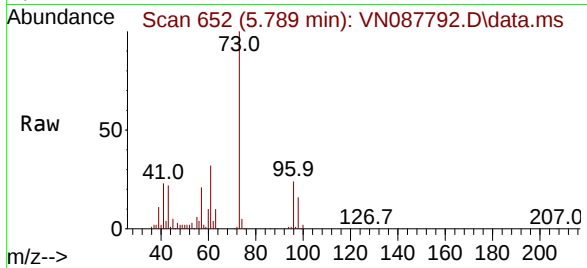




#19
Methyl tert-butyl Ether
Concen: 45.056 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

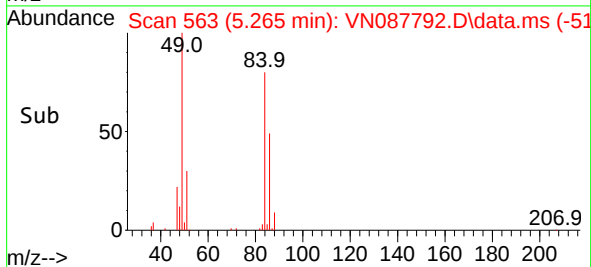
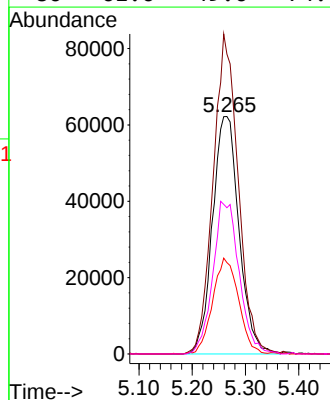
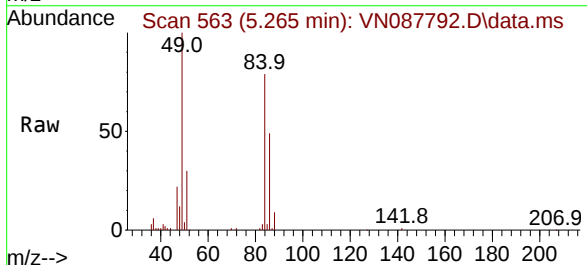
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

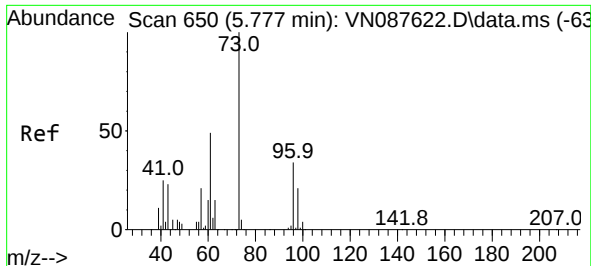
Tgt Ion: 73 Resp: 692449
Ion Ratio Lower Upper
73 100
57 21.4 18.4 27.6



#20
Methylene Chloride
Concen: 46.727 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 84 Resp: 214573
Ion Ratio Lower Upper
84 100
49 126.3 103.4 155.2
51 38.5 33.8 50.8
86 61.6 49.6 74.4

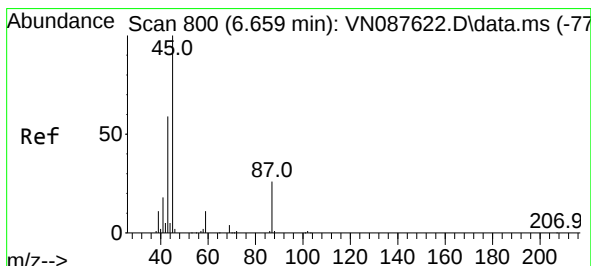
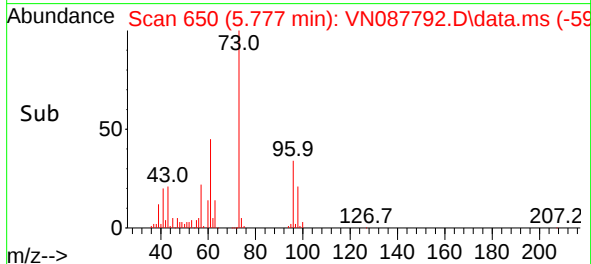
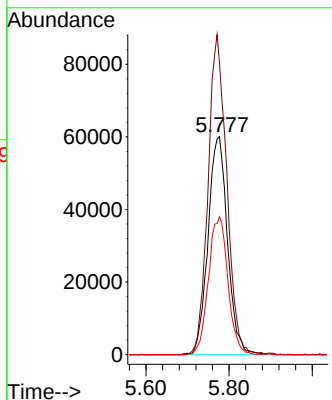
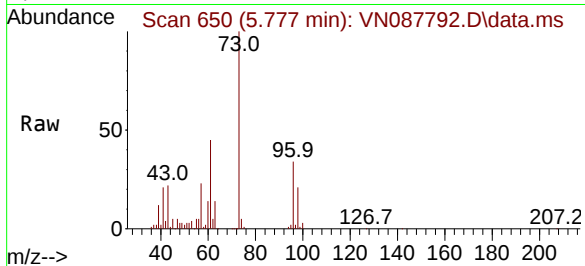




#21
trans-1,2-Dichloroethene
Concen: 44.119 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

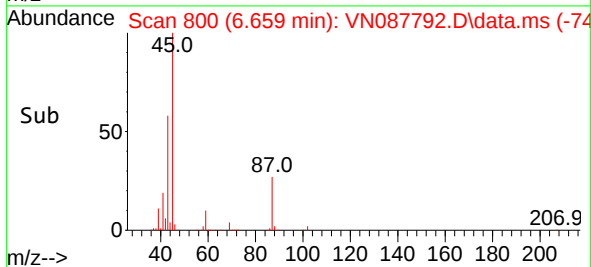
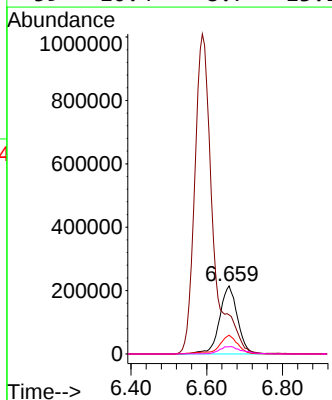
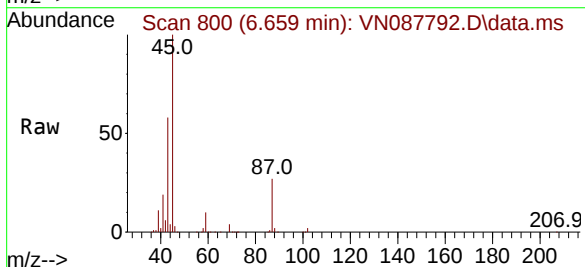
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 195886
Ion Ratio Lower Upper
96 100
61 134.0 118.0 177.0
98 63.3 50.0 75.0



#22
Diisopropyl ether
Concen: 44.150 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 45 Resp: 707312
Ion Ratio Lower Upper
45 100
43 56.6 47.7 71.5
87 27.5 21.4 32.0
59 10.4 8.7 13.1

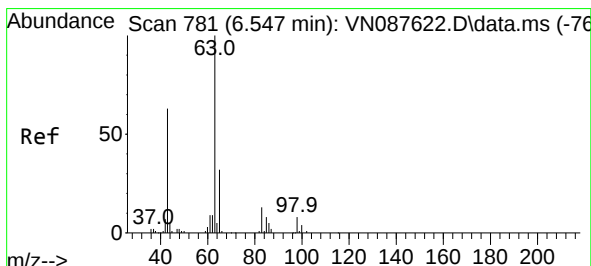
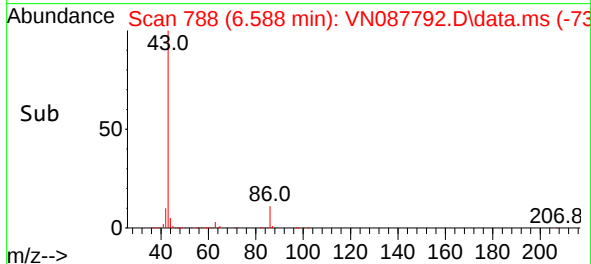
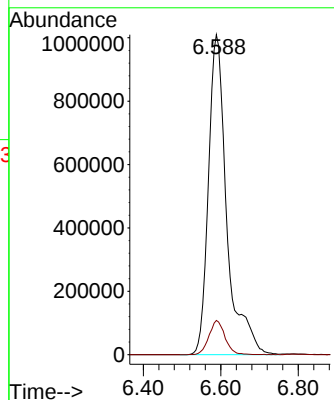
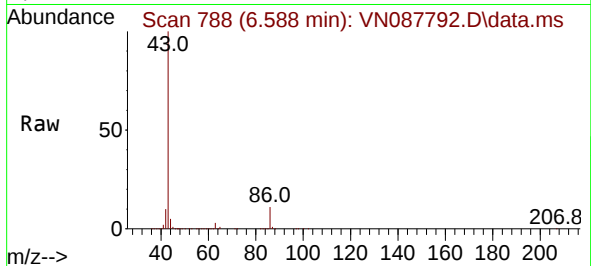




#23
 Vinyl Acetate
 Concen: 228.171 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN087792.D
 Acq: 11 Sep 2025 12:49

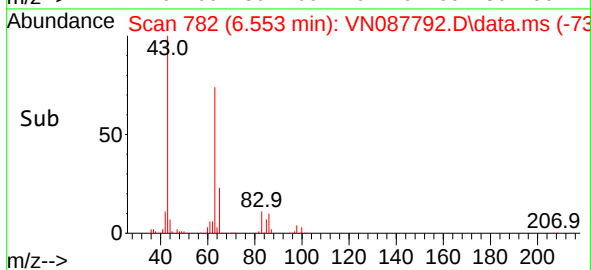
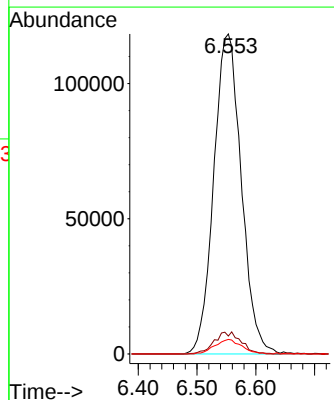
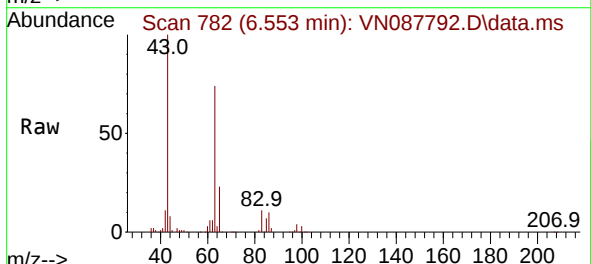
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

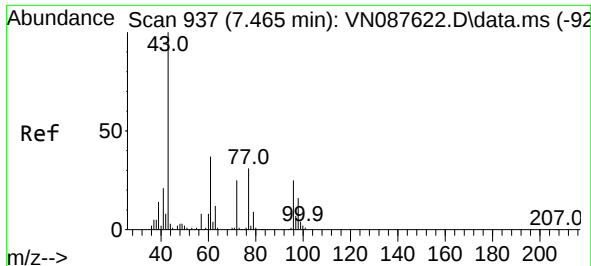
Tgt Ion: 43 Resp: 3325708
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 43.802 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN087792.D
 Acq: 11 Sep 2025 12:49

Tgt Ion: 63 Resp: 384760
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.8 11.4
 100 4.5 2.0 6.0

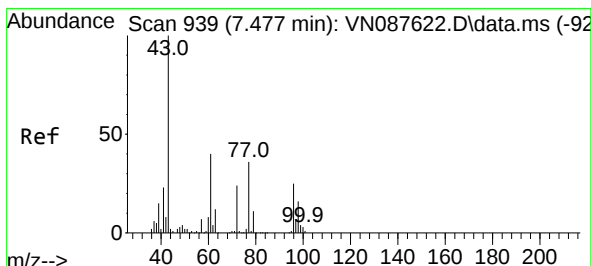
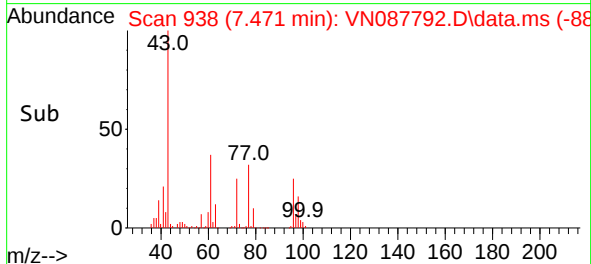
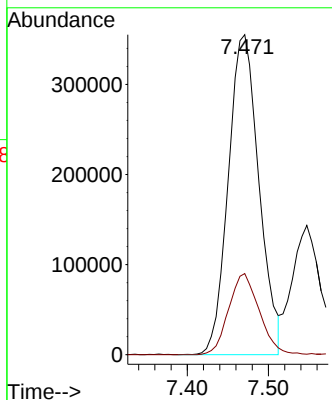
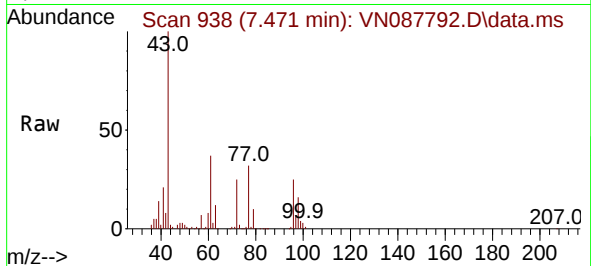




#25
2-Butanone
Concen: 223.807 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

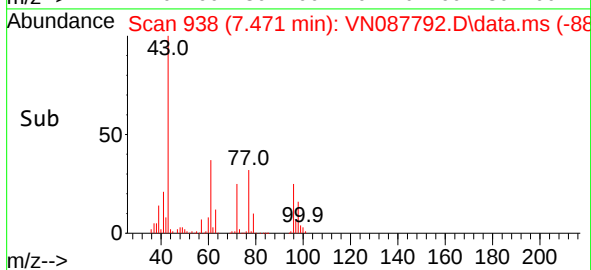
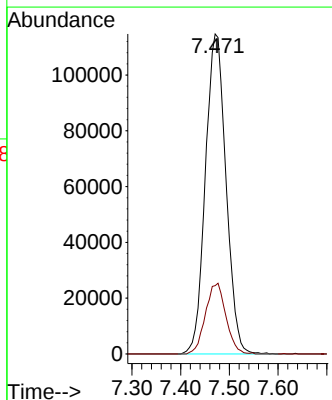
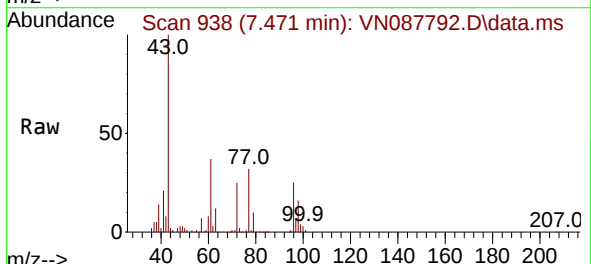
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 933175
Ion Ratio Lower Upper
43 100
72 25.4 19.9 29.9



#26
2,2-Dichloropropane
Concen: 44.693 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 77 Resp: 336947
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.7

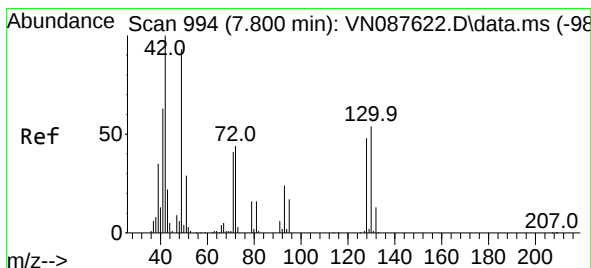
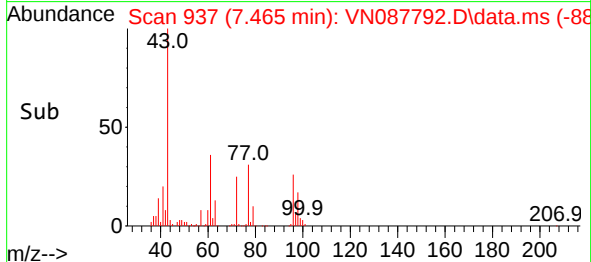
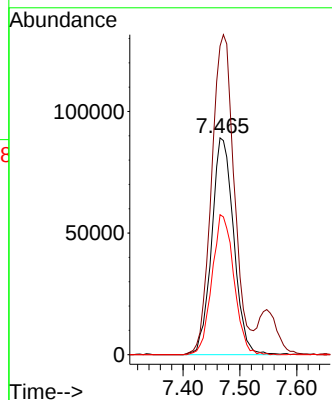
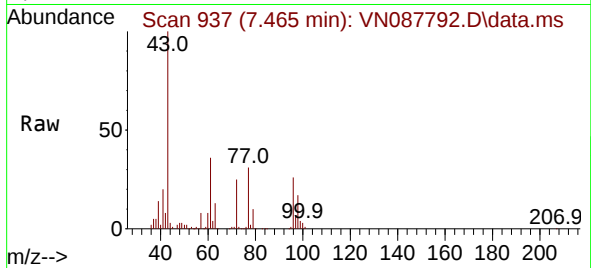




#27
 cis-1,2-Dichloroethene
 Concen: 45.204 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN087792.D
 Acq: 11 Sep 2025 12:49

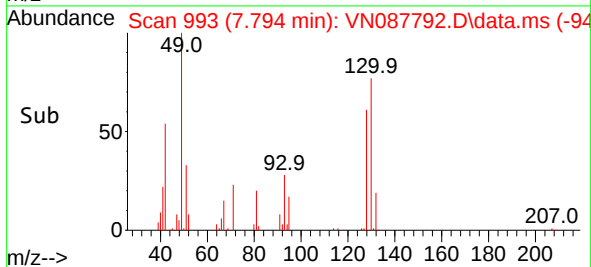
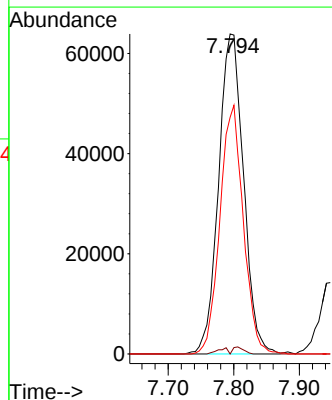
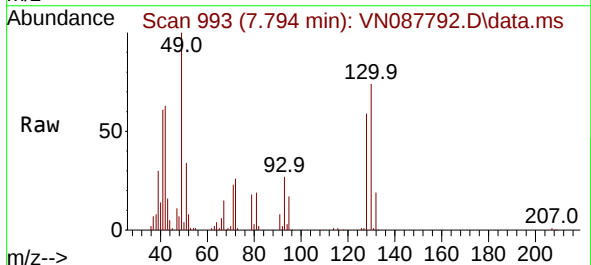
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 239941
 Ion Ratio Lower Upper
 96 100
 61 152.1 0.0 301.8
 98 64.4 0.0 126.2



#28
 Bromochloromethane
 Concen: 39.740 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN087792.D
 Acq: 11 Sep 2025 12:49

Tgt Ion: 49 Resp: 168760
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.0
 130 72.8 53.1 79.7

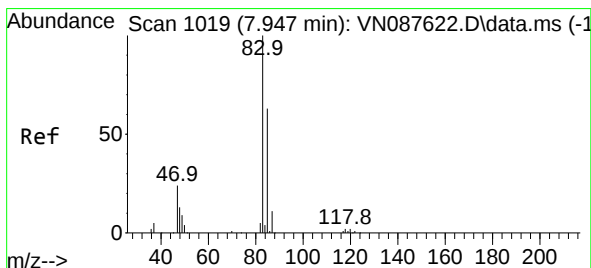
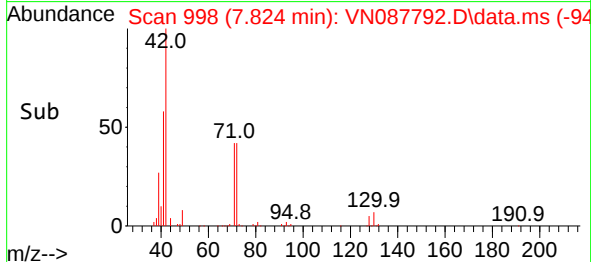
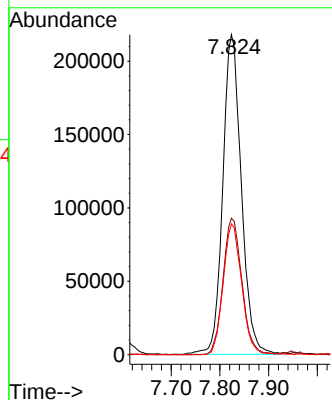
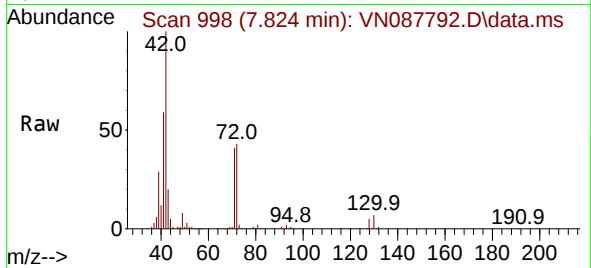




#29
Tetrahydrofuran
Concen: 215.648 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

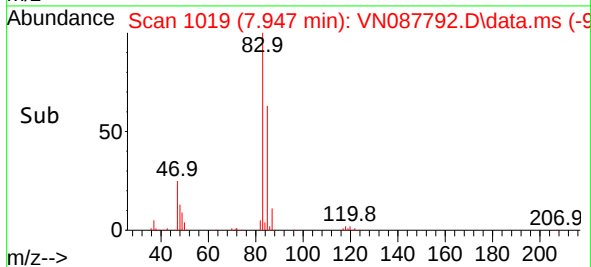
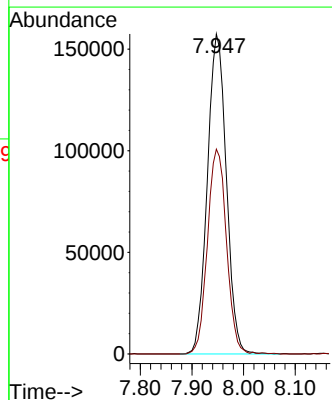
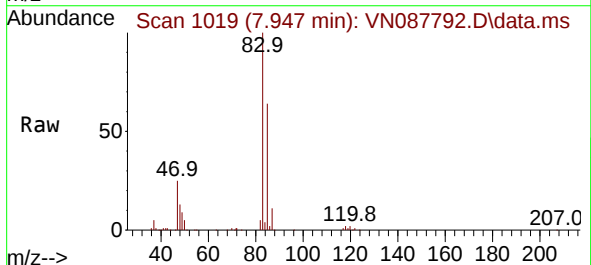
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

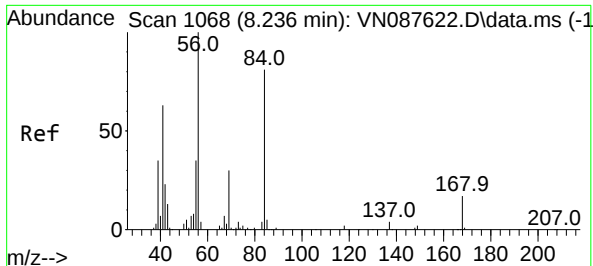
Tgt Ion: 42 Resp: 578660
Ion Ratio Lower Upper
42 100
72 43.3 33.7 50.5
71 40.8 31.9 47.9



#30
Chloroform
Concen: 44.814 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 83 Resp: 401794
Ion Ratio Lower Upper
83 100
85 64.0 50.7 76.1

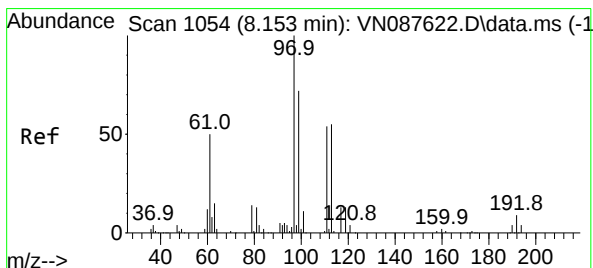
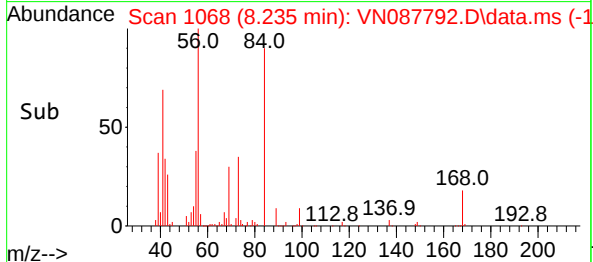
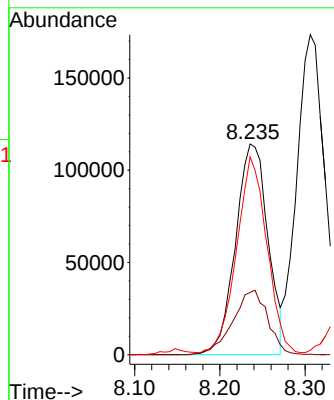
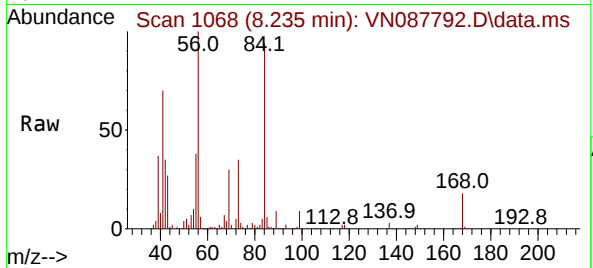




#31
Cyclohexane
Concen: 41.201 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

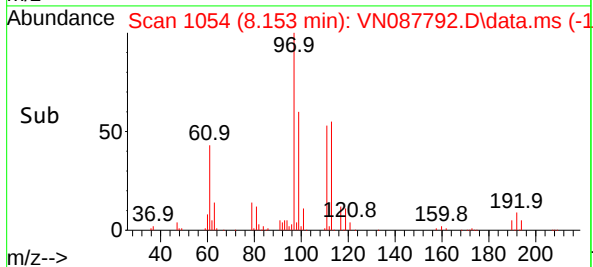
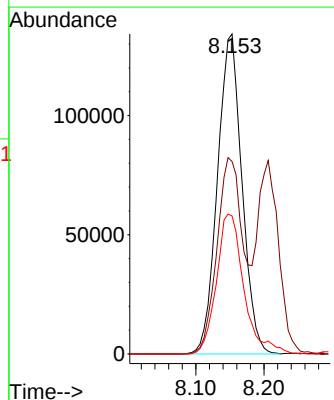
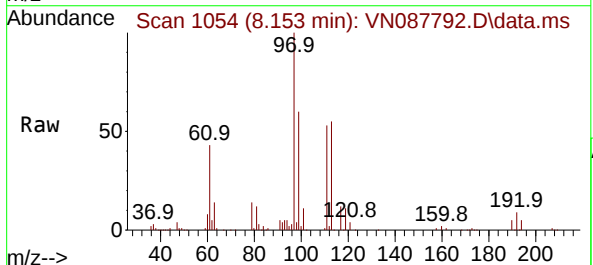
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

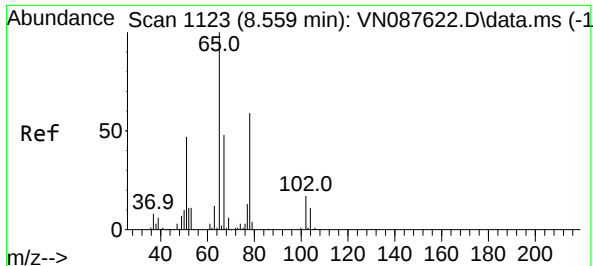
Tgt Ion: 56 Resp: 301706
Ion Ratio Lower Upper
56 100
69 29.0 23.7 35.5
84 91.7 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 44.167 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 97 Resp: 335590
Ion Ratio Lower Upper
97 100
99 66.9 52.2 78.2
61 48.8 41.2 61.8





#33

1,2-Dichloroethane-d4

Concen: 42.851 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

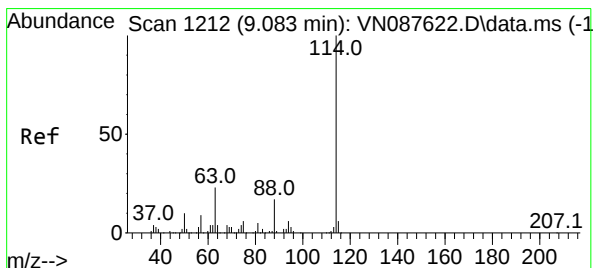
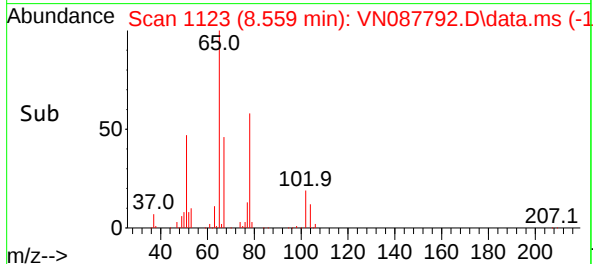
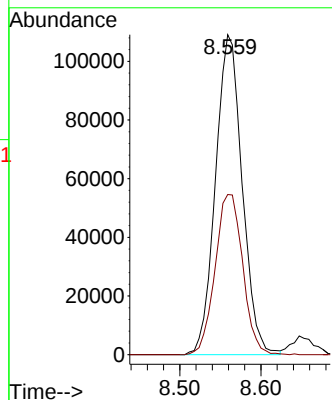
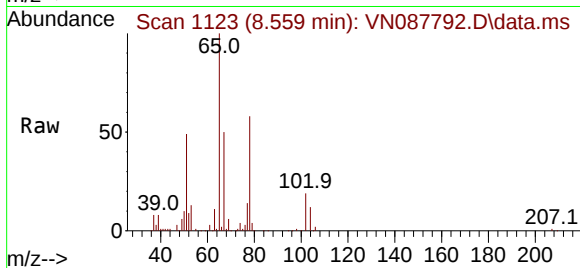
VSTDCCC050

Tgt Ion: 65 Resp: 249477

Ion Ratio Lower Upper

65 100

67 51.7 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: VN087792.D

Acq: 11 Sep 2025 12:49

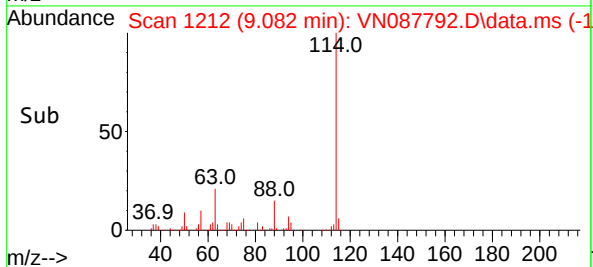
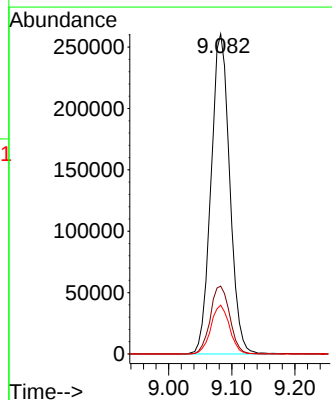
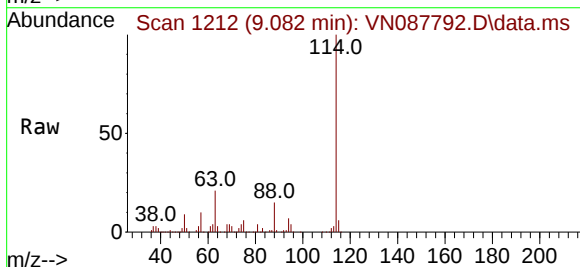
Tgt Ion: 114 Resp: 535670

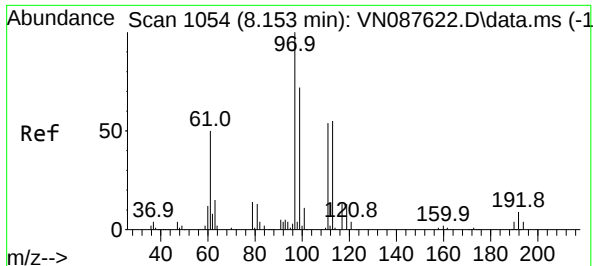
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.2

88 15.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.941 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

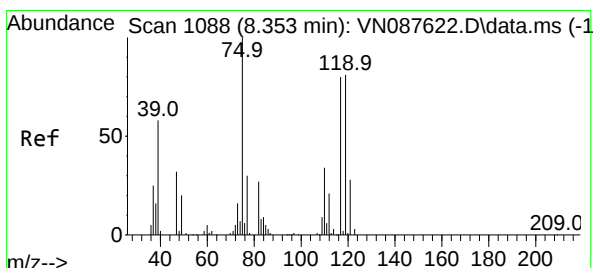
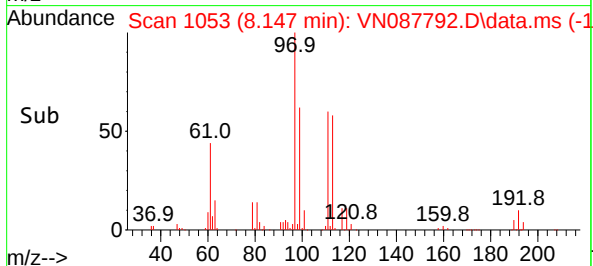
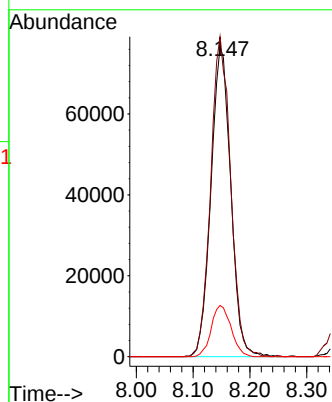
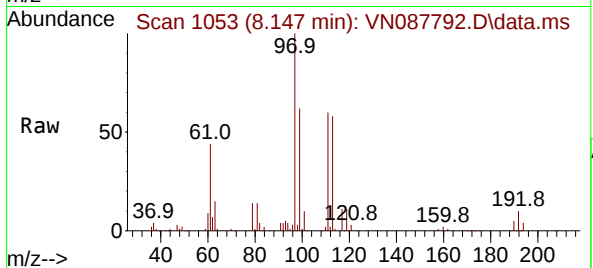
Tgt Ion:113 Resp: 185412

Ion Ratio Lower Upper

113 100

111 103.7 82.8 124.2

192 16.5 12.8 19.2



#36

1,1-Dichloropropene

Concen: 44.569 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

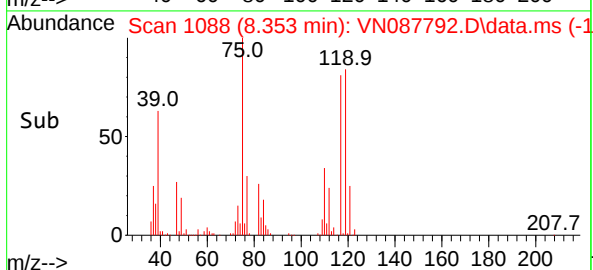
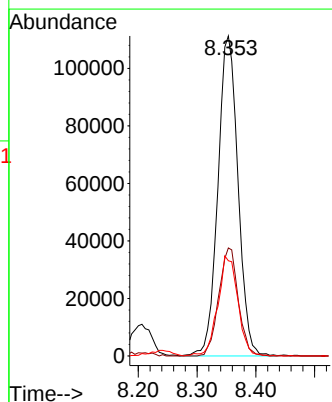
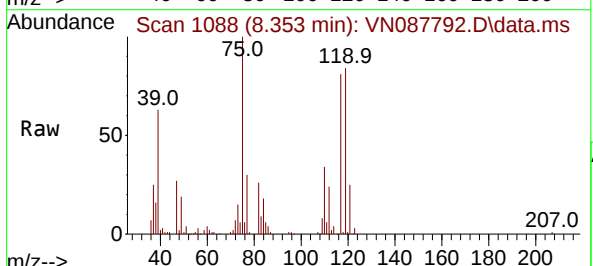
Tgt Ion: 75 Resp: 264437

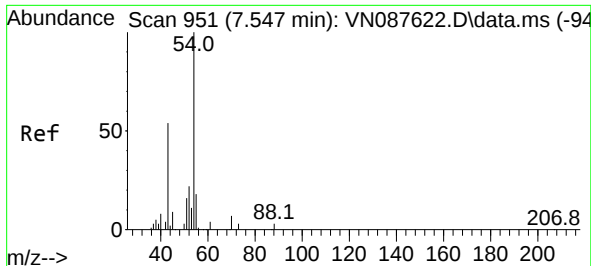
Ion Ratio Lower Upper

75 100

110 32.7 15.9 47.6

77 31.1 24.4 36.6

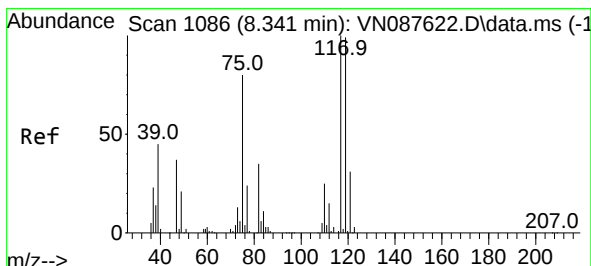
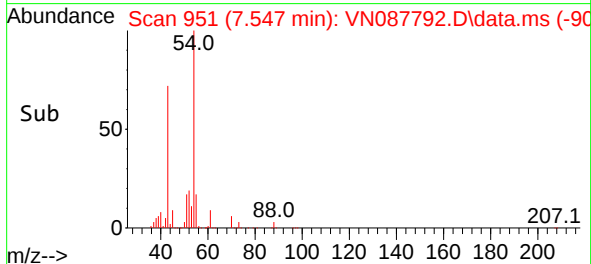
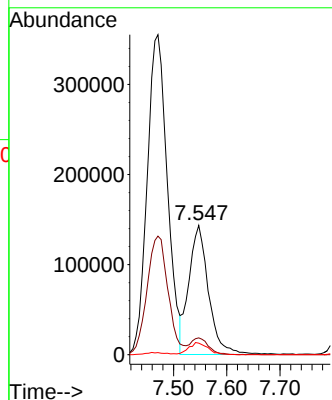
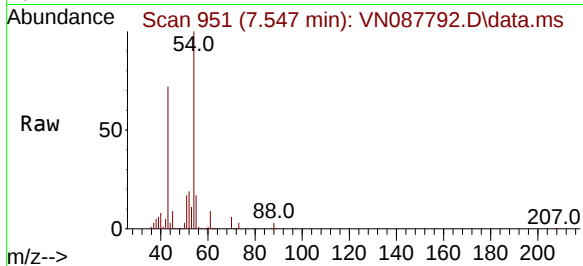




#37
Ethyl Acetate
Concen: 45.398 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

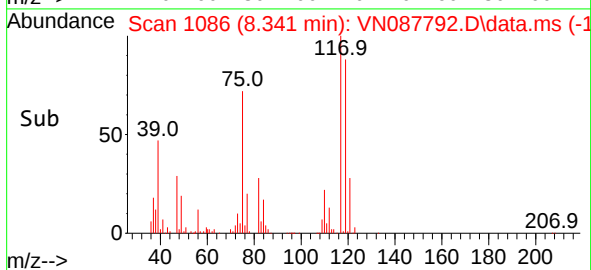
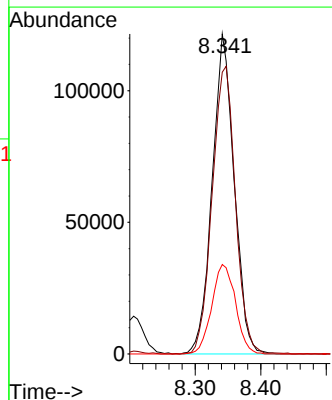
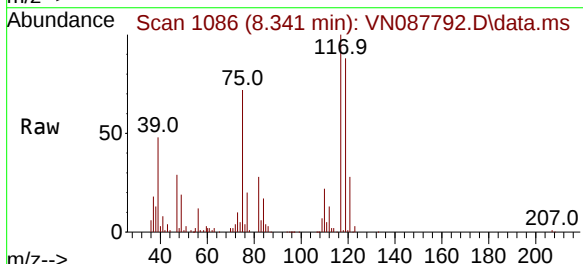
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

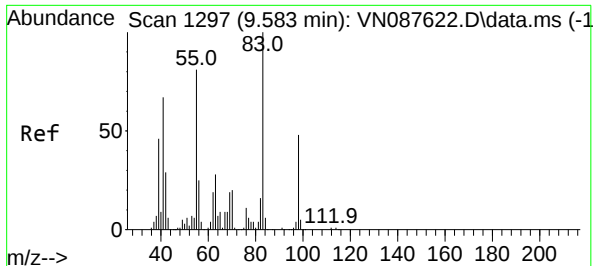
Tgt Ion: 43 Resp: 368073
Ion Ratio Lower Upper
43 100
61 11.7 9.3 13.9
70 9.0 7.0 10.6



#38
Carbon Tetrachloride
Concen: 48.332 ug/l
RT: 8.341 min Scan# 1086
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 117 Resp: 283133
Ion Ratio Lower Upper
117 100
119 88.0 79.0 118.6
121 27.9 25.0 37.6





#39

Methylcyclohexane

Concen: 45.007 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

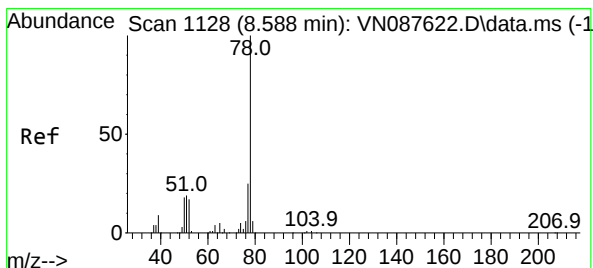
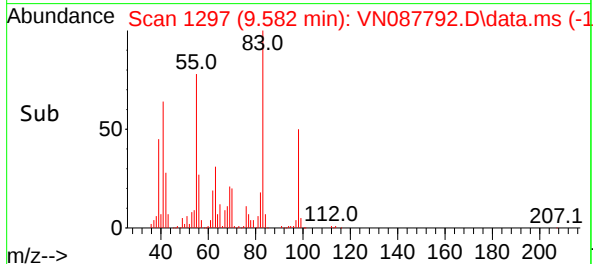
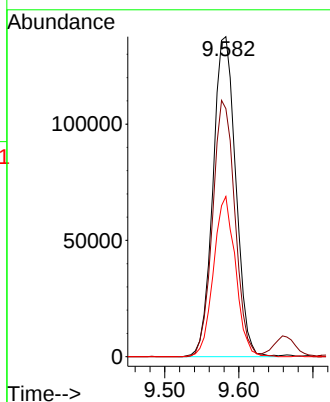
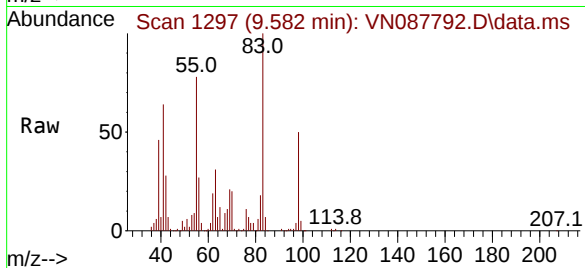
Tgt Ion: 83 Resp: 293999

Ion Ratio Lower Upper

83 100

55 77.5 64.6 96.8

98 50.1 38.4 57.6



#40

Benzene

Concen: 47.198 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087792.D

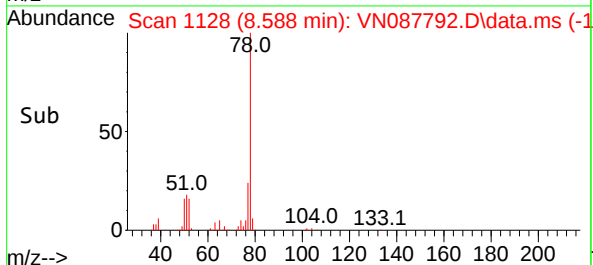
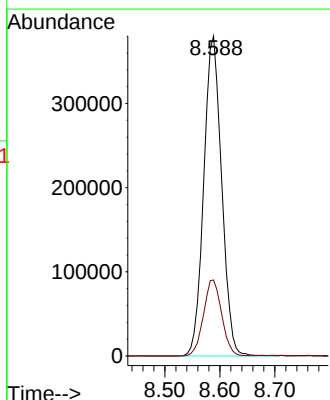
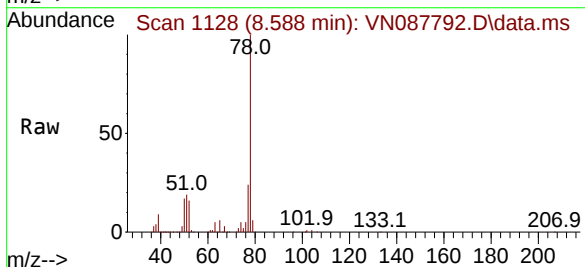
Acq: 11 Sep 2025 12:49

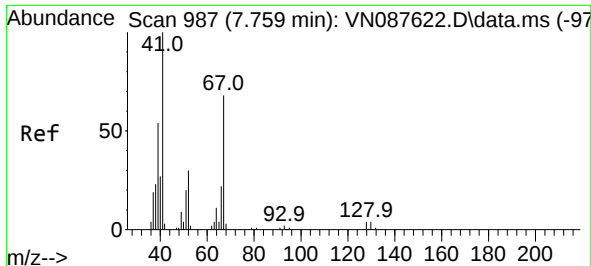
Tgt Ion: 78 Resp: 858914

Ion Ratio Lower Upper

78 100

77 23.8 19.7 29.5

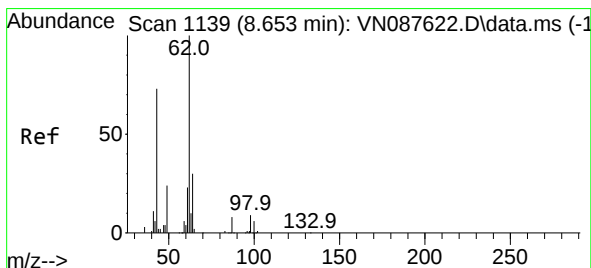
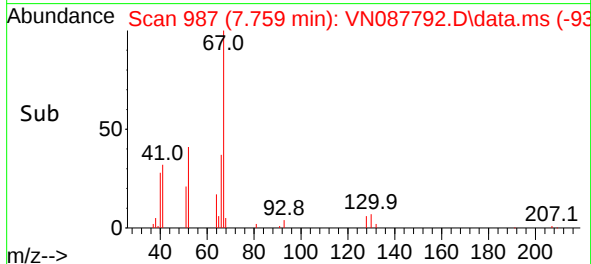
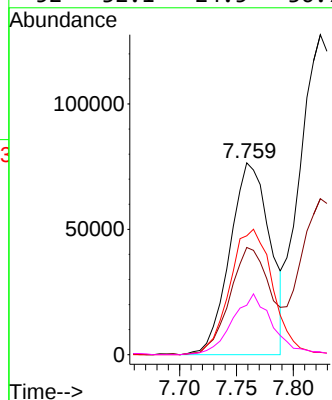
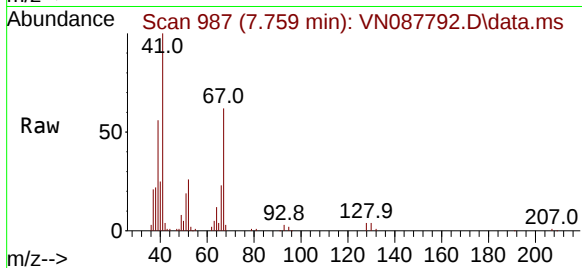




#41
Methacrylonitrile
Concen: 44.808 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

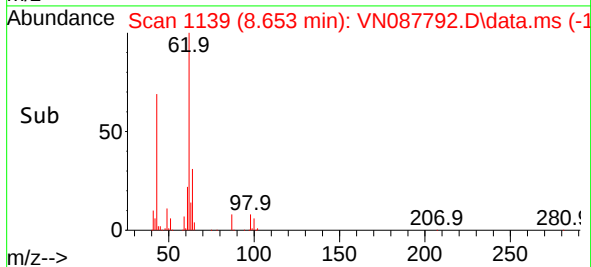
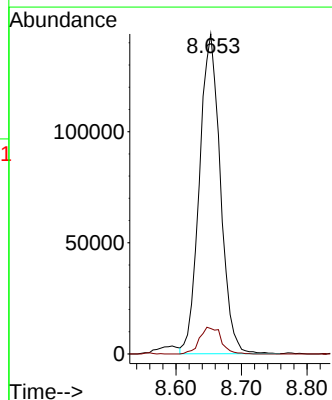
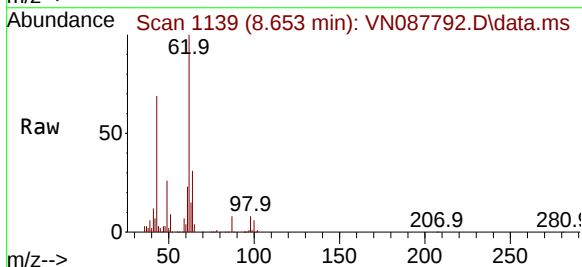
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

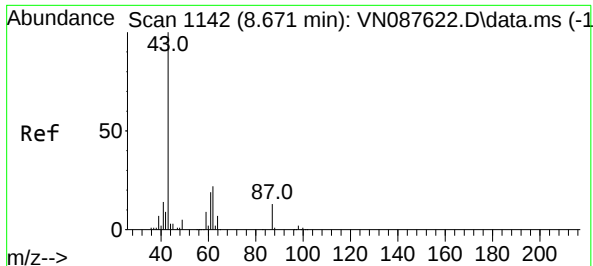
Tgt Ion: 41 Resp: 188183
Ion Ratio Lower Upper
41 100
39 56.0 45.4 68.0
67 70.1 55.3 82.9
52 32.1 24.5 36.7



#42
1,2-Dichloroethane
Concen: 45.714 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 62 Resp: 319686
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.4

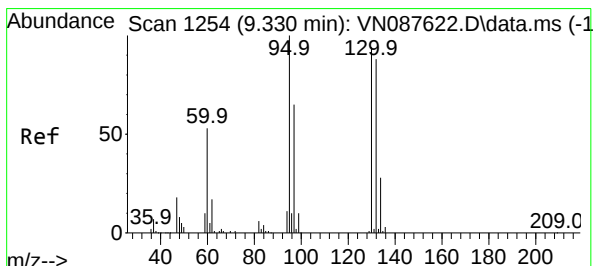
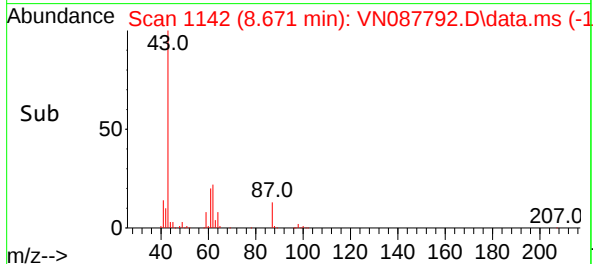
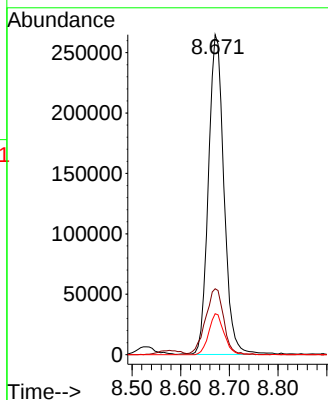
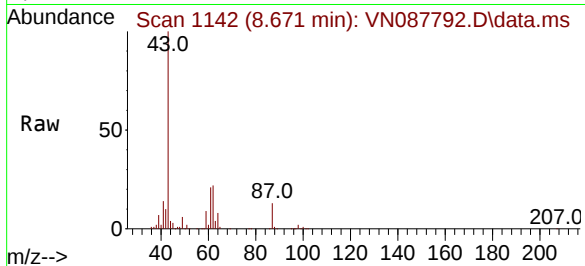




#43
Isopropyl Acetate
Concen: 46.117 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

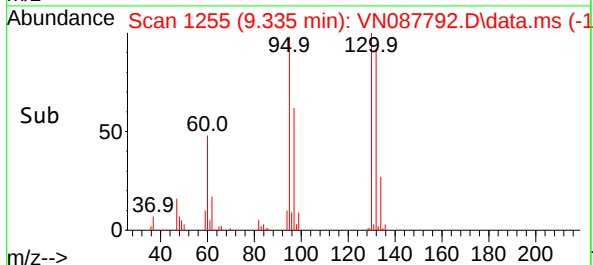
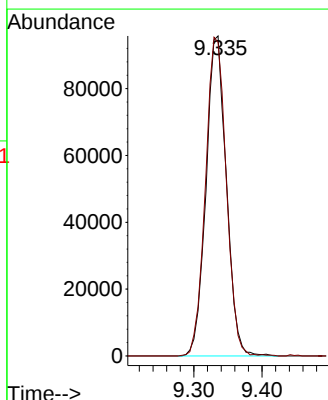
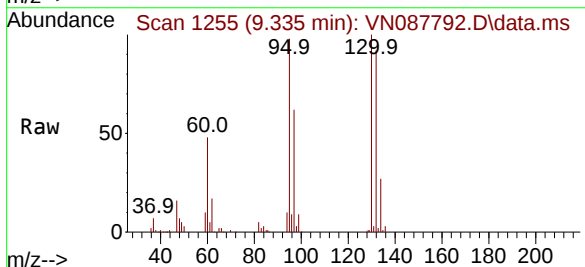
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

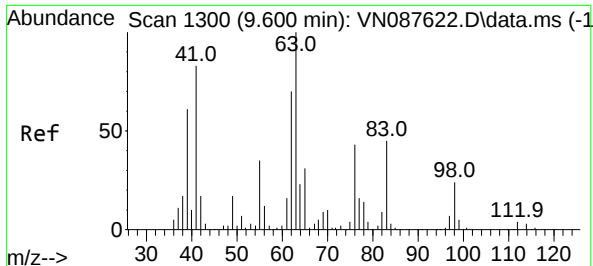
Tgt Ion: 43 Resp: 583755
Ion Ratio Lower Upper
43 100
61 24.0 18.8 28.2
87 12.6 9.6 14.4



#44
Trichloroethene
Concen: 47.713 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion:130 Resp: 198236
Ion Ratio Lower Upper
130 100
95 98.0 0.0 212.0

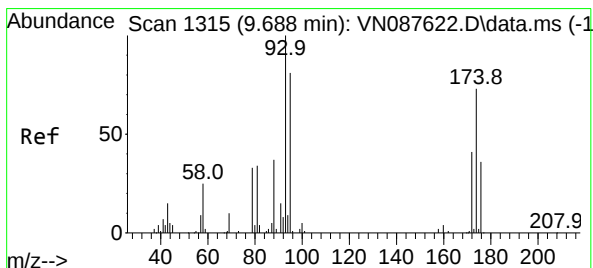
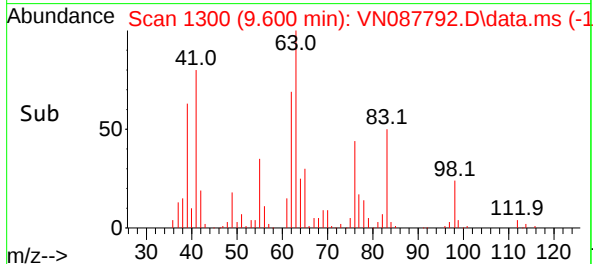
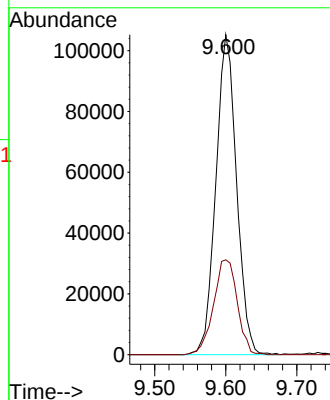
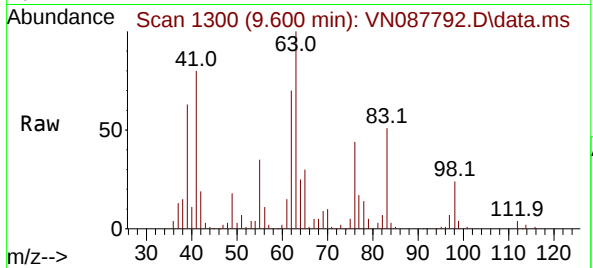




#45
1,2-Dichloropropane
Concen: 44.390 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

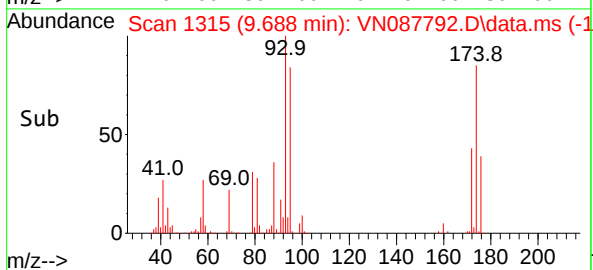
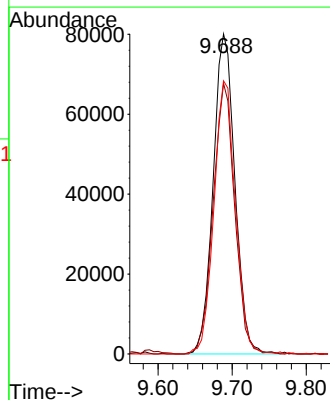
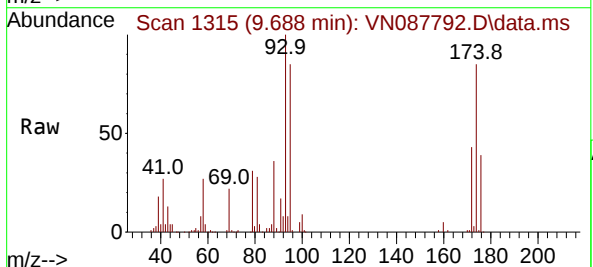
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 212934
Ion Ratio Lower Upper
63 100
65 29.6 25.0 37.4



#46
Dibromomethane
Concen: 47.717 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 93 Resp: 162883
Ion Ratio Lower Upper
93 100
95 84.4 66.2 99.4
174 84.8 63.4 95.2





#47

Bromodichloromethane

Concen: 46.787 ug/l

RT: 9.865 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

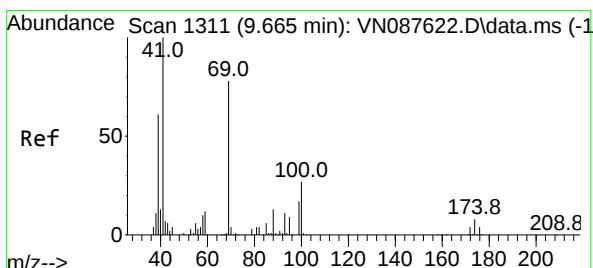
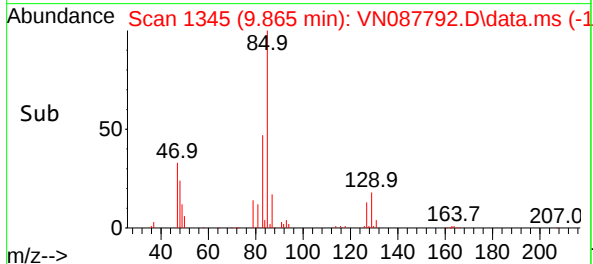
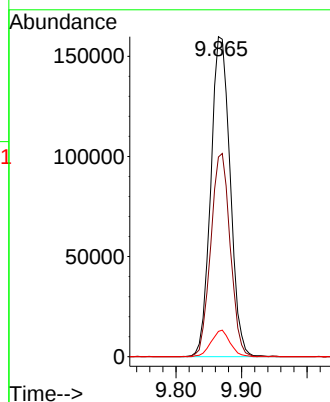
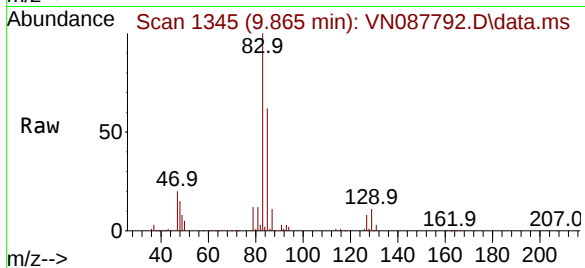
Tgt Ion: 83 Resp: 327313

Ion Ratio Lower Upper

83 100

85 62.4 52.5 78.7

127 7.9 5.8 8.6



#48

Methyl methacrylate

Concen: 45.826 ug/l

RT: 9.665 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

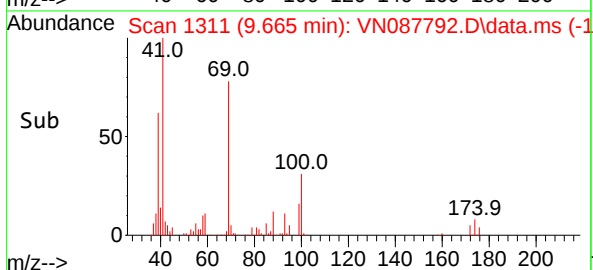
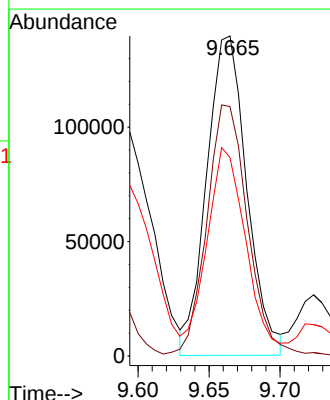
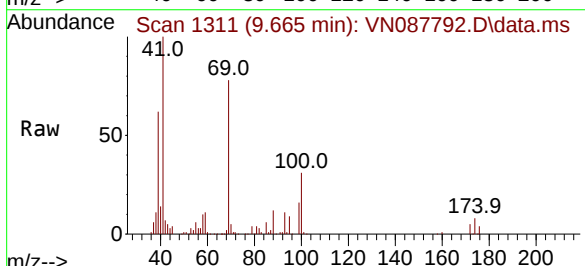
Tgt Ion: 41 Resp: 274379

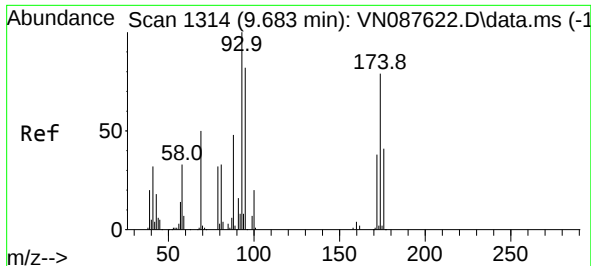
Ion Ratio Lower Upper

41 100

69 80.3 62.7 94.1

39 63.4 52.9 79.3





#49

1,4-Dioxane

Concen: 1069.995 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

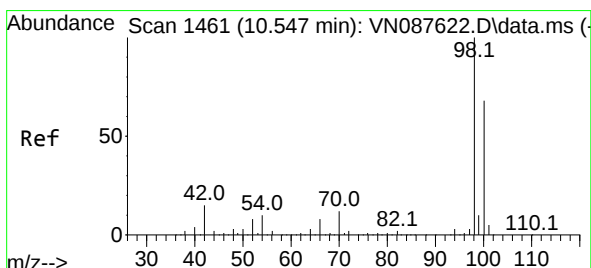
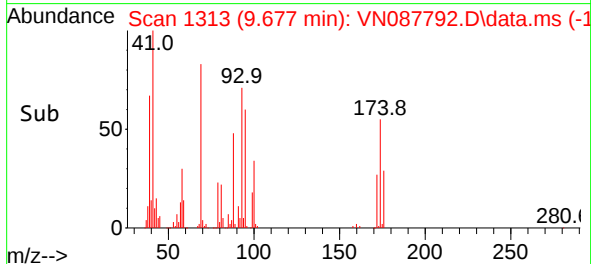
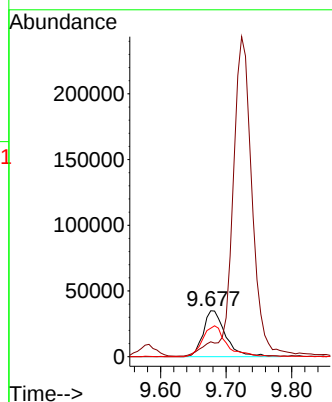
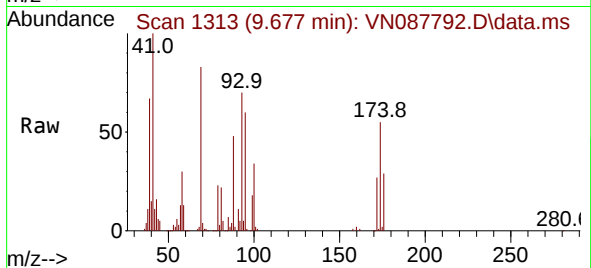
Tgt Ion: 88 Resp: 83037

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 71.4 57.9 86.9



#50

Toluene-d8

Concen: 45.645 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087792.D

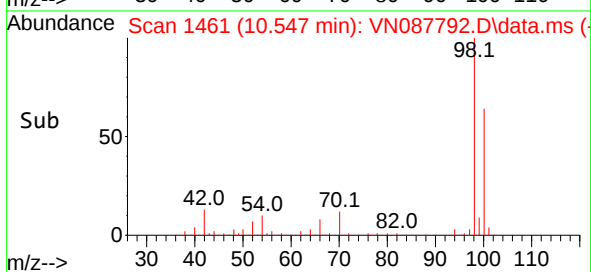
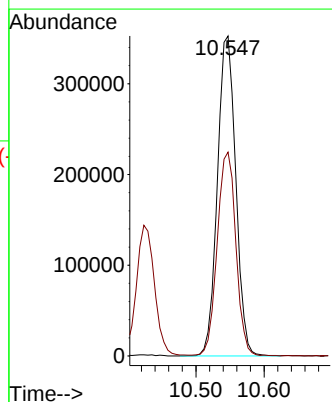
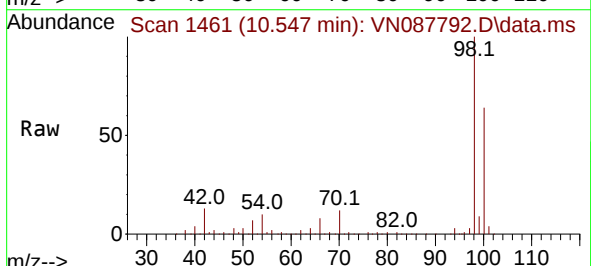
Acq: 11 Sep 2025 12:49

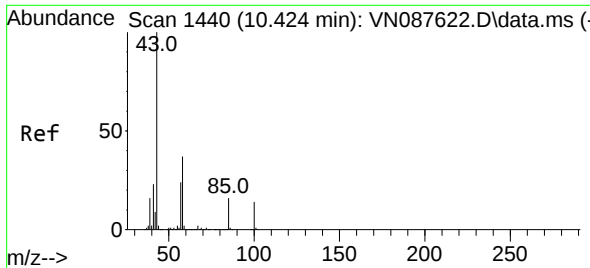
Tgt Ion: 98 Resp: 660736

Ion Ratio Lower Upper

98 100

100 64.7 52.8 79.2

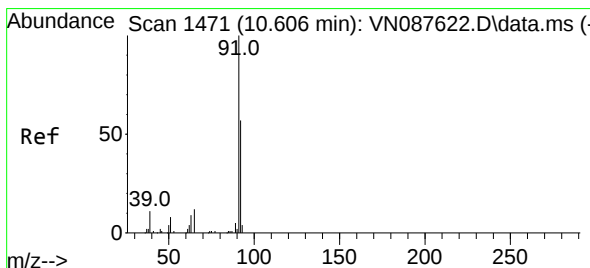
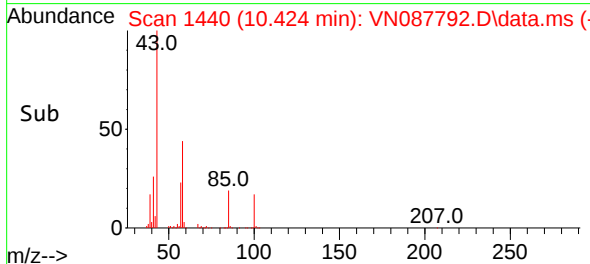
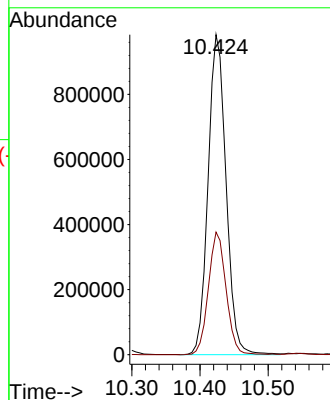
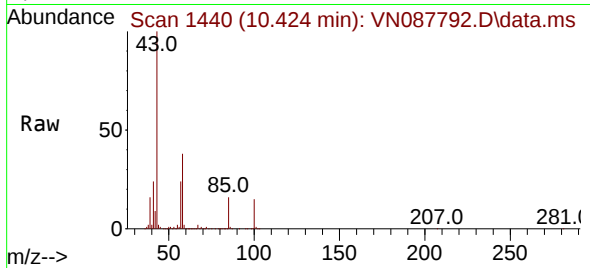




#51
4-Methyl-2-Pentanone
Concen: 236.145 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

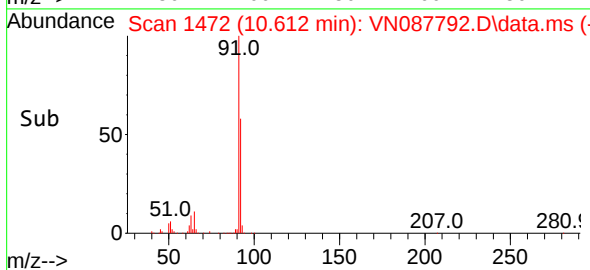
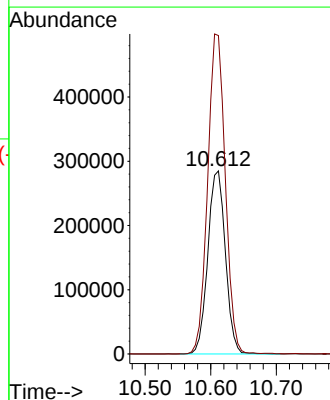
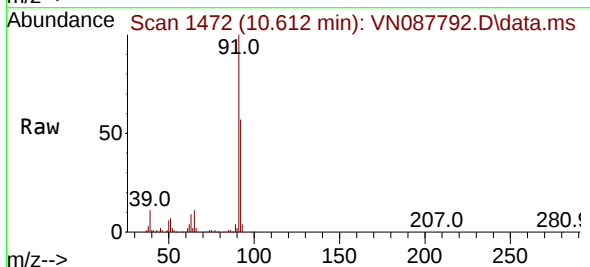
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

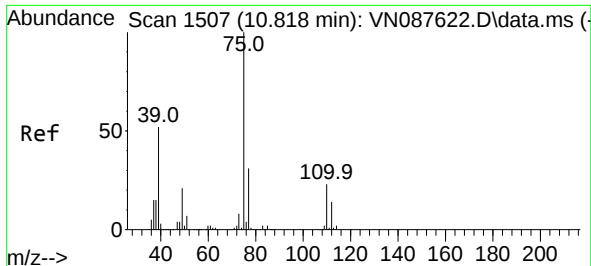
Tgt Ion: 43 Resp: 1803495
Ion Ratio Lower Upper
43 100
58 37.6 29.6 44.4



#52
Toluene
Concen: 47.097 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 92 Resp: 531341
Ion Ratio Lower Upper
92 100
91 175.4 140.4 210.6

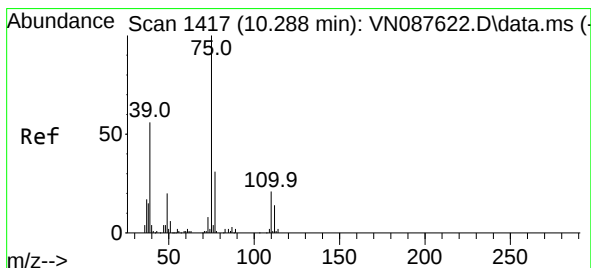
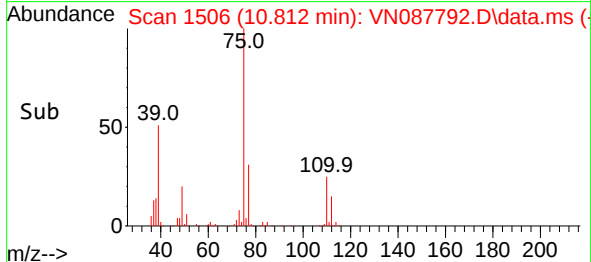
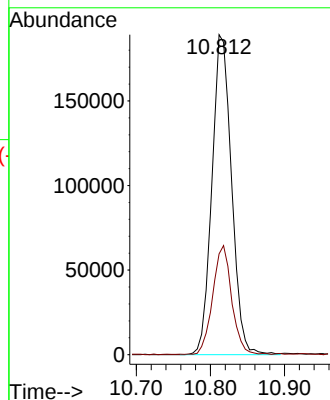
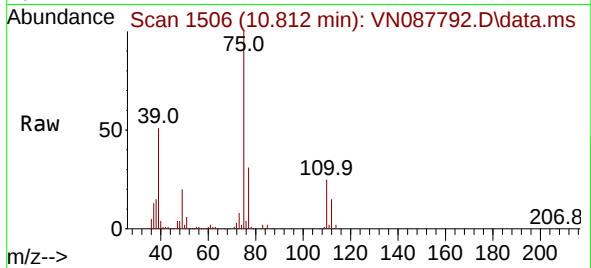




#53
 t-1,3-Dichloropropene
 Concen: 48.036 ug/l
 RT: 10.812 min Scan# 1506
 Delta R.T. -0.006 min
 Lab File: VN087792.D
 Acq: 11 Sep 2025 12:49

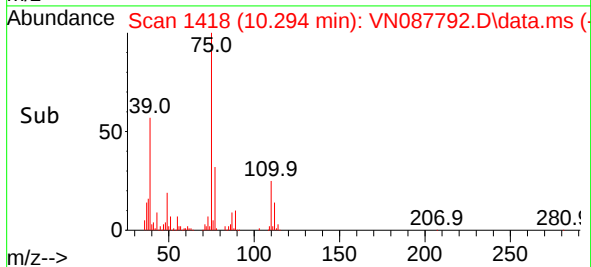
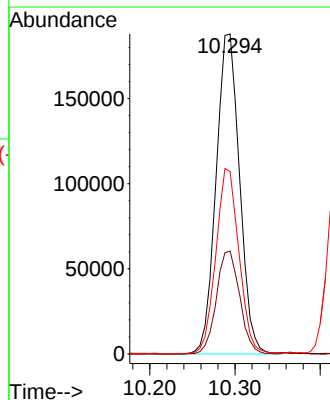
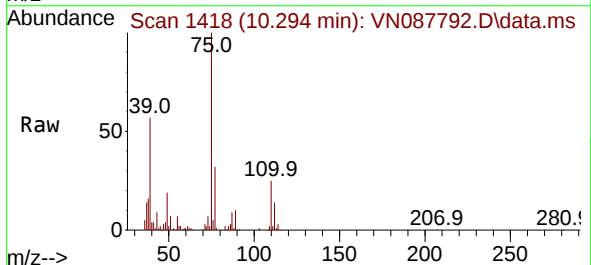
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

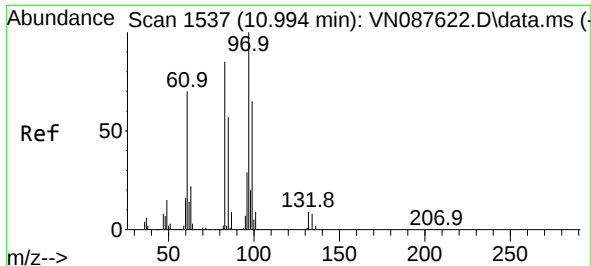
Tgt Ion: 75 Resp: 347852
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 47.943 ug/l
 RT: 10.294 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VN087792.D
 Acq: 11 Sep 2025 12:49

Tgt Ion: 75 Resp: 360480
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 37.0
 39 56.9 45.2 67.8



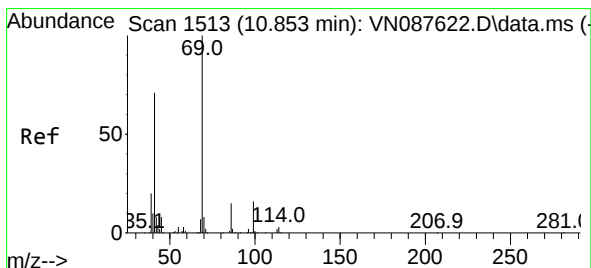
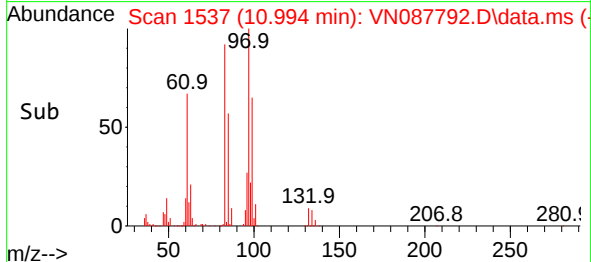
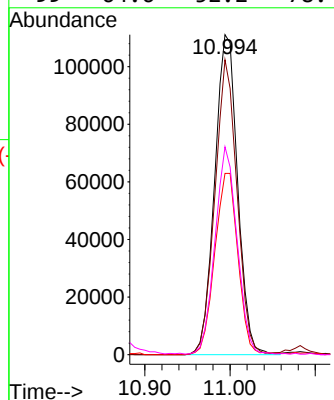
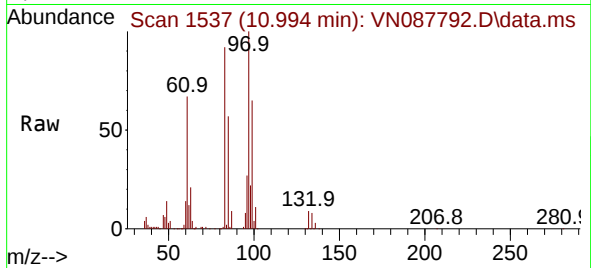


#55
1,1,2-Trichloroethane
Concen: 47.544 ug/l
RT: 10.994 min Scan# 1537
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 207496

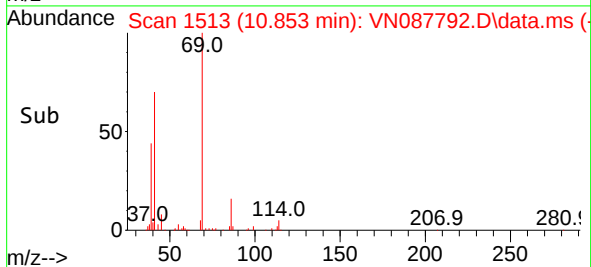
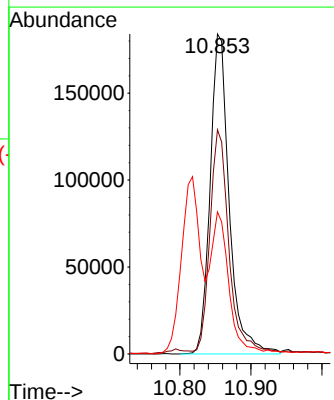
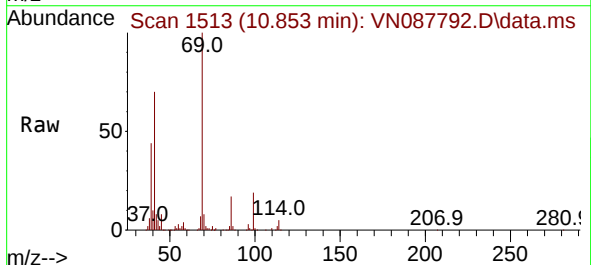
Ion	Ratio	Lower	Upper
97	100		
83	92.2	68.2	102.4
85	56.7	45.5	68.3
99	64.6	52.2	78.4



#56
Ethyl methacrylate
Concen: 49.204 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 69 Resp: 343185

Ion	Ratio	Lower	Upper
69	100		
41	68.9	56.5	84.7
39	42.0	34.2	51.4





#57

1,3-Dichloropropane

Concen: 47.288 ug/l

RT: 11.141 min Scan# 1562

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

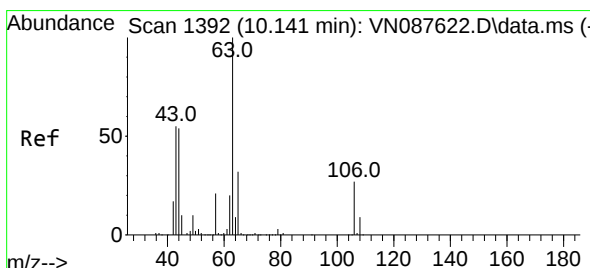
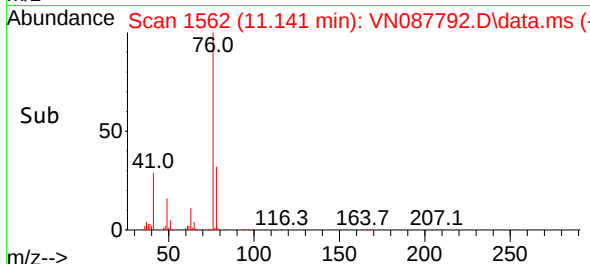
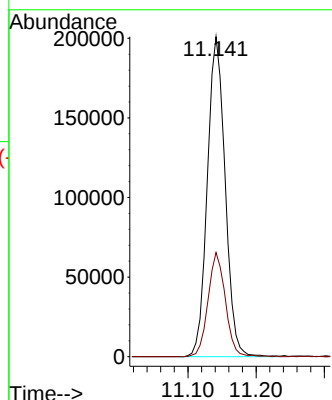
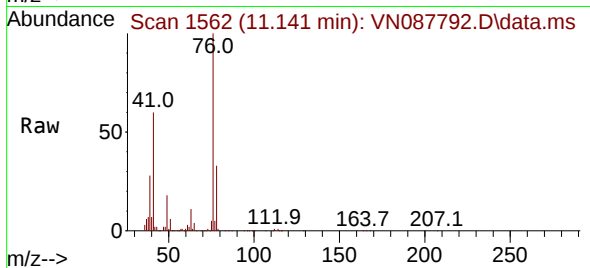
VSTDCCC050

Tgt Ion: 76 Resp: 365248

Ion Ratio Lower Upper

76 100

78 31.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 221.889 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN087792.D

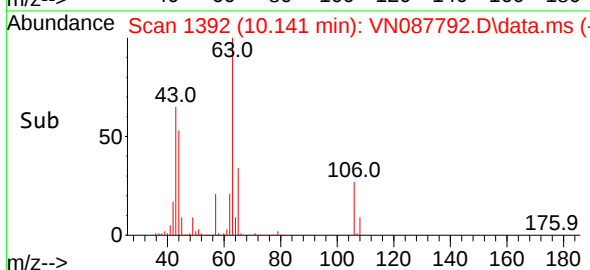
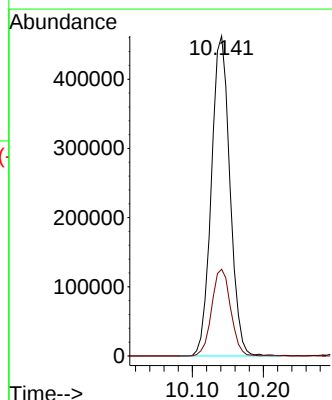
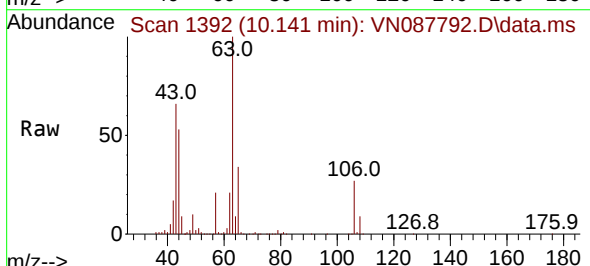
Acq: 11 Sep 2025 12:49

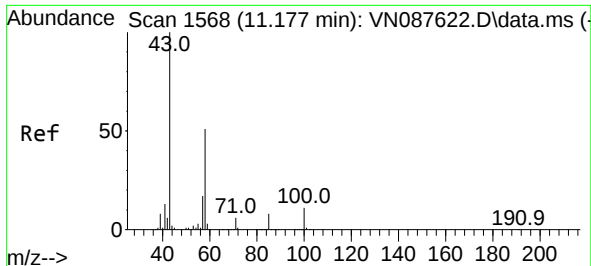
Tgt Ion: 63 Resp: 837652

Ion Ratio Lower Upper

63 100

106 27.7 21.1 31.7

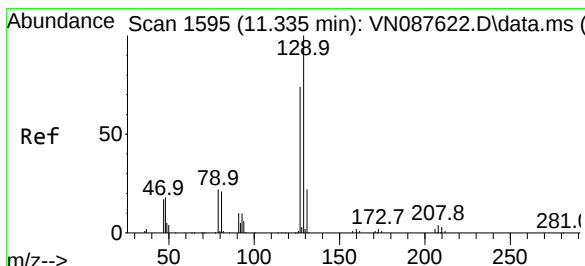
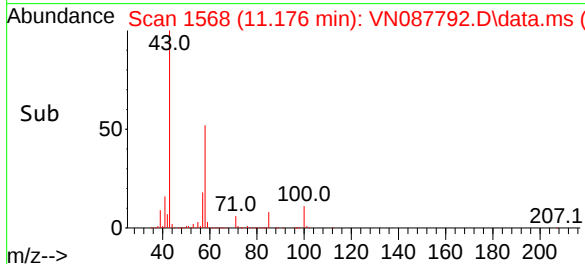
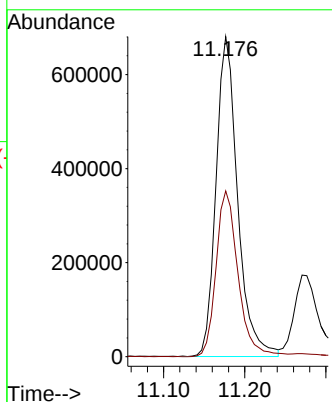
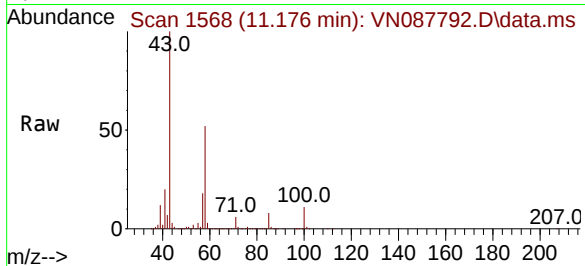




#59
2-Hexanone
Concen: 260.827 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

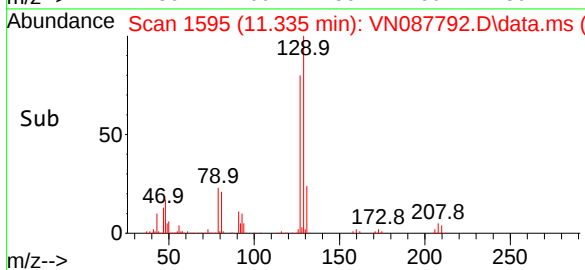
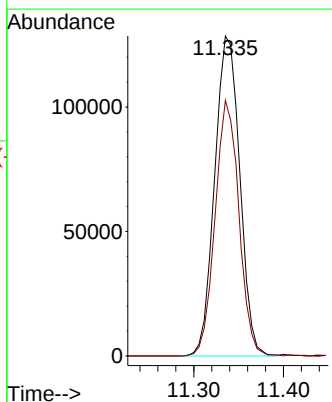
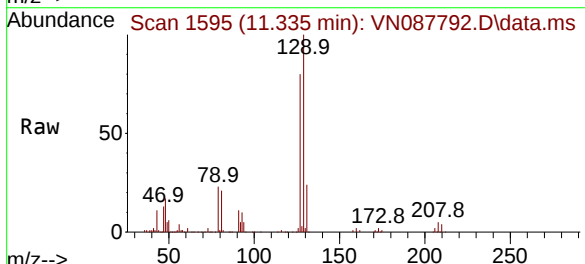
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

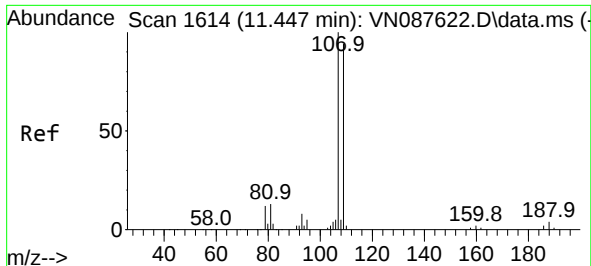
Tgt Ion: 43 Resp: 1258939
Ion Ratio Lower Upper
43 100
58 52.8 25.9 77.8



#60
Dibromochloromethane
Concen: 49.369 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion:129 Resp: 249655
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.3

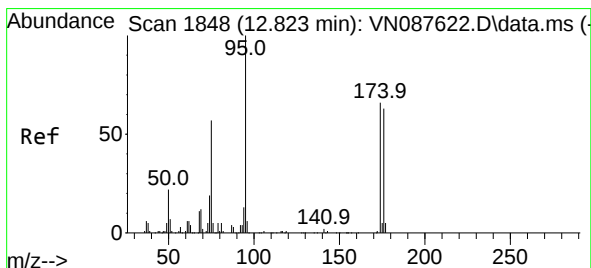
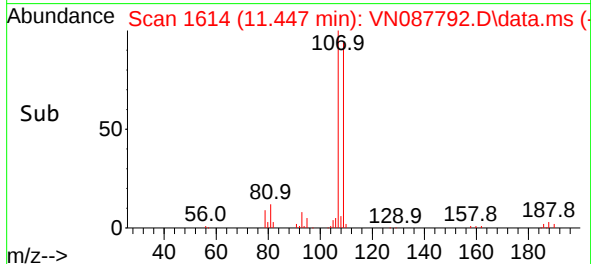
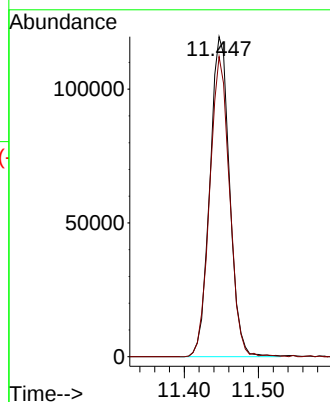
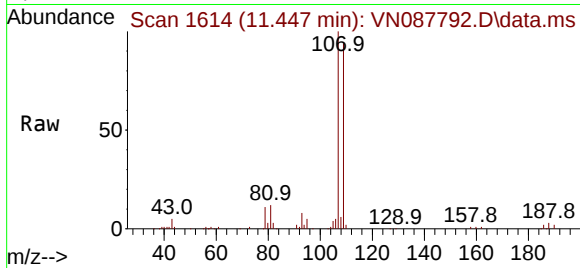




#61
1,2-Dibromoethane
Concen: 48.103 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

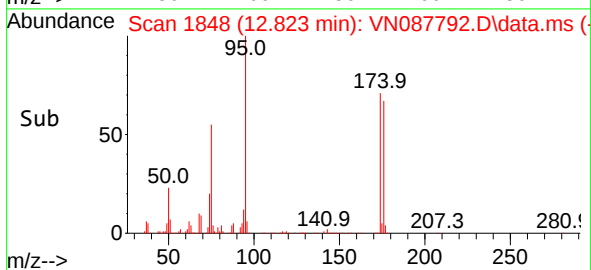
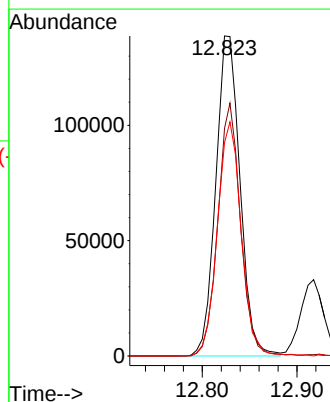
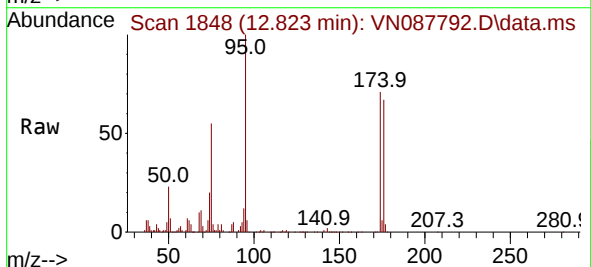
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

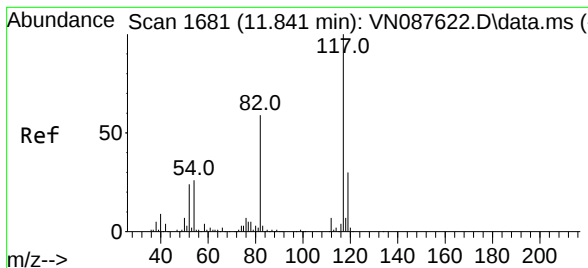
Tgt Ion:107 Resp: 221365
Ion Ratio Lower Upper
107 100
109 94.0 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 47.983 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 95 Resp: 247012
Ion Ratio Lower Upper
95 100
174 73.8 0.0 138.4
176 72.0 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

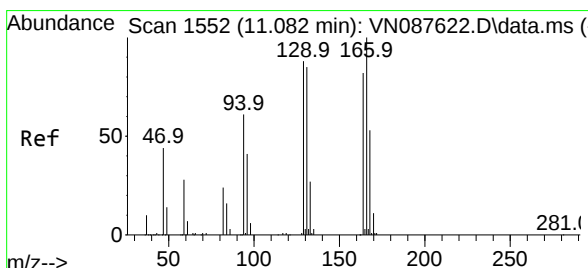
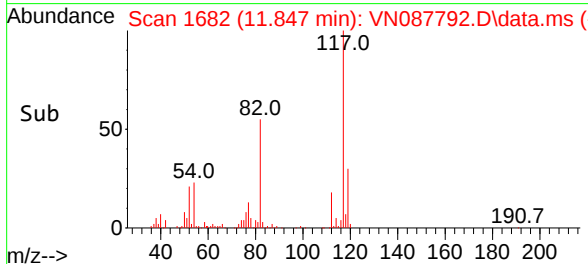
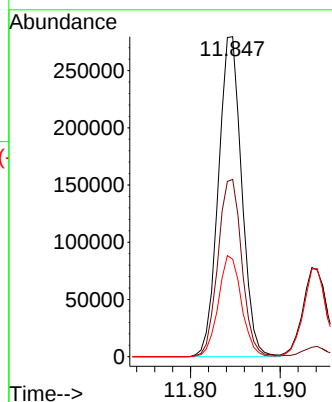
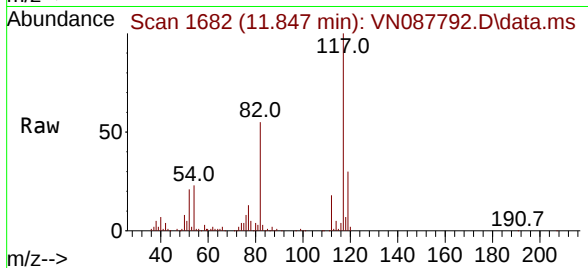
Tgt Ion:117 Resp: 504865

Ion Ratio Lower Upper

117 100

82 55.4 47.4 71.2

119 30.5 24.3 36.5



#64

Tetrachloroethene

Concen: 45.002 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Tgt Ion:164 Resp: 157628

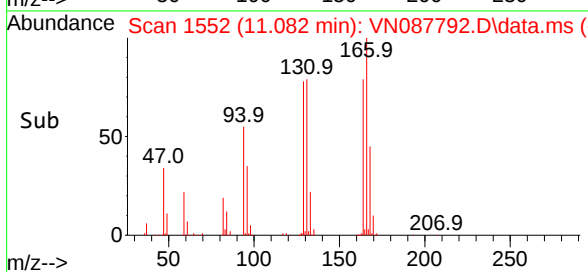
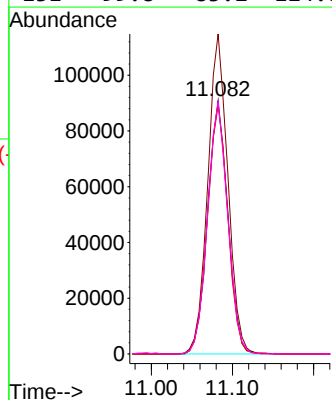
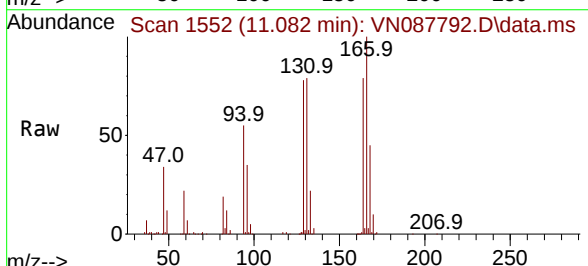
Ion Ratio Lower Upper

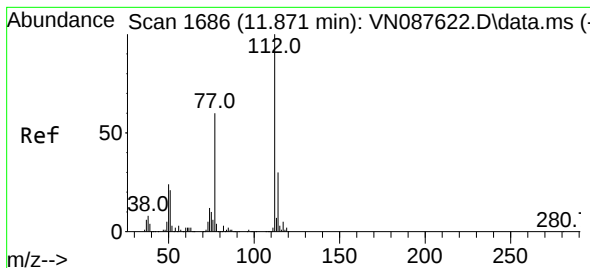
164 100

166 126.4 97.7 146.5

129 98.0 85.9 128.9

131 99.8 83.2 124.8





#65

Chlorobenzene

Concen: 47.043 ug/l

RT: 11.871 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

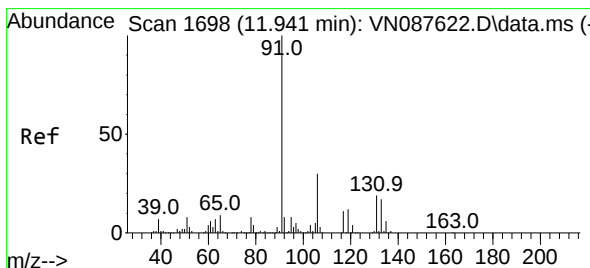
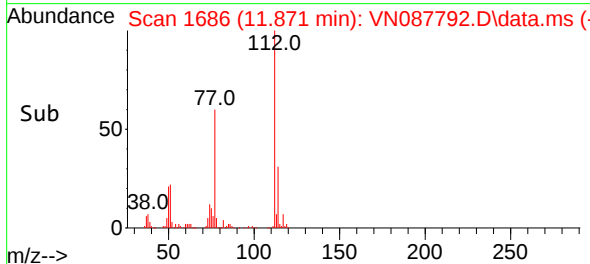
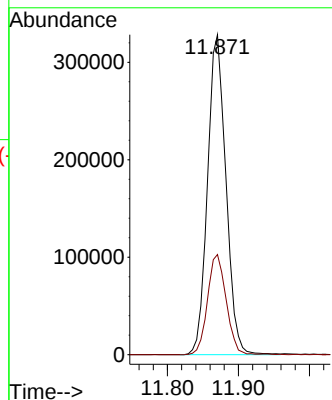
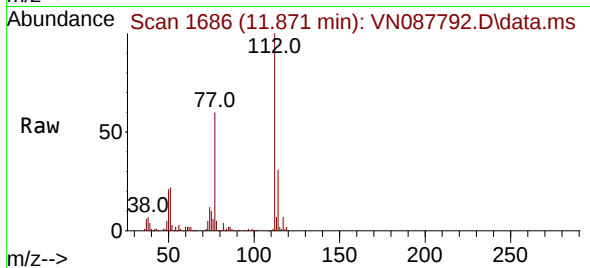
VSTDCCC050

Tgt Ion:112 Resp: 590877

Ion Ratio Lower Upper

112 100

114 31.3 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 49.555 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

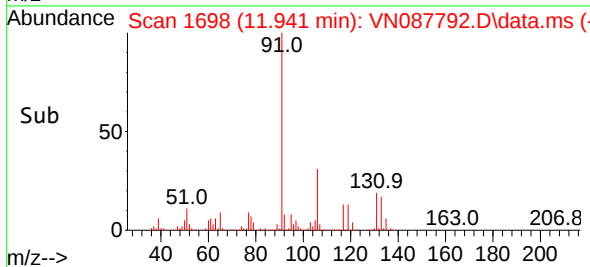
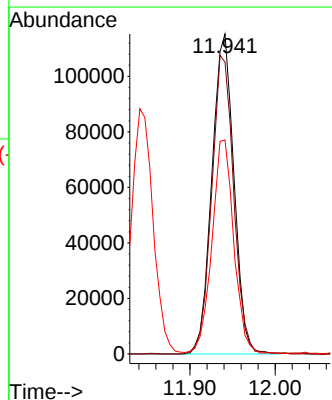
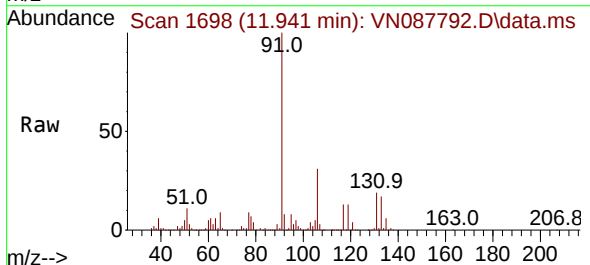
Tgt Ion:131 Resp: 206634

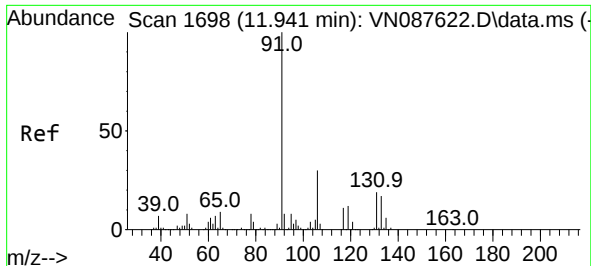
Ion Ratio Lower Upper

131 100

133 93.4 48.0 144.0

119 66.3 32.6 97.7





#67

Ethyl Benzene

Concen: 46.907 ug/l

RT: 11.941 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

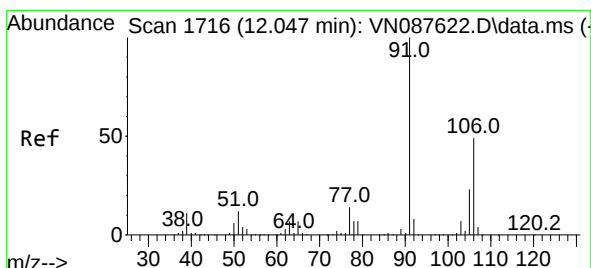
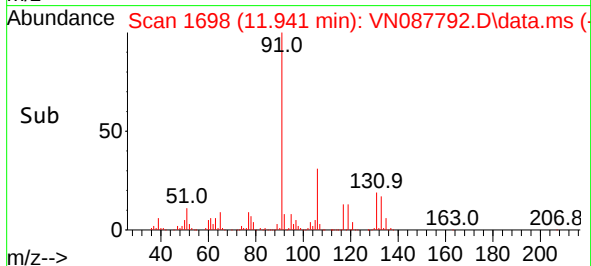
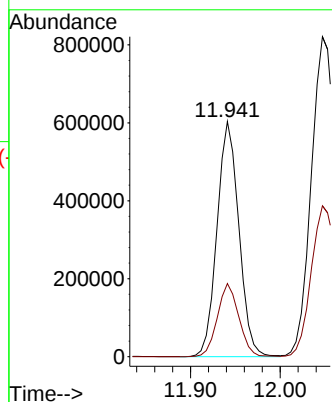
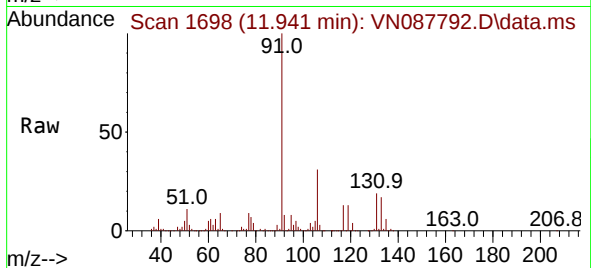
VSTDCCC050

Tgt Ion: 91 Resp: 1020084

Ion Ratio Lower Upper

91 100

106 31.1 24.1 36.1



#68

m/p-Xylenes

Concen: 98.010 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN087792.D

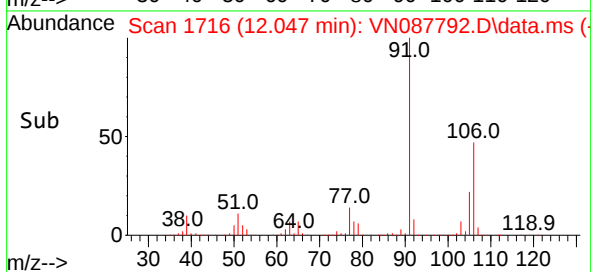
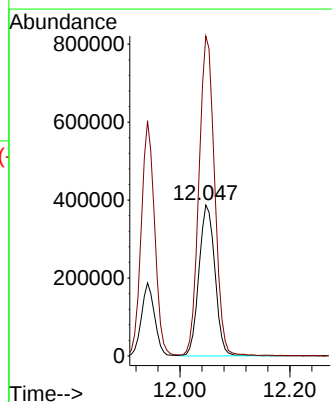
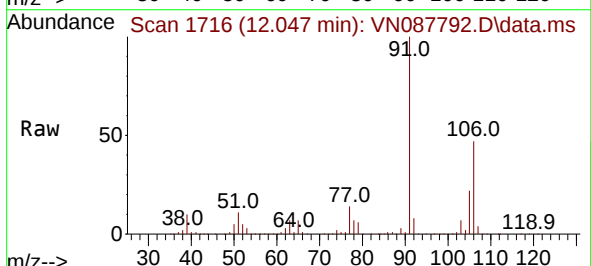
Acq: 11 Sep 2025 12:49

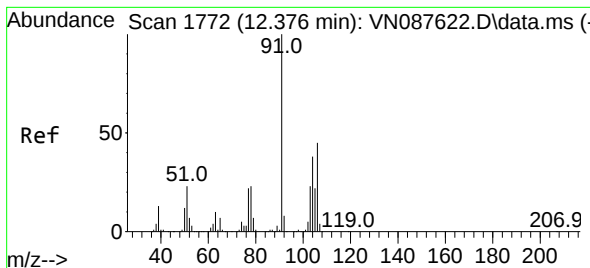
Tgt Ion:106 Resp: 781695

Ion Ratio Lower Upper

106 100

91 207.1 169.3 253.9





#69

o-Xylene

Concen: 47.884 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

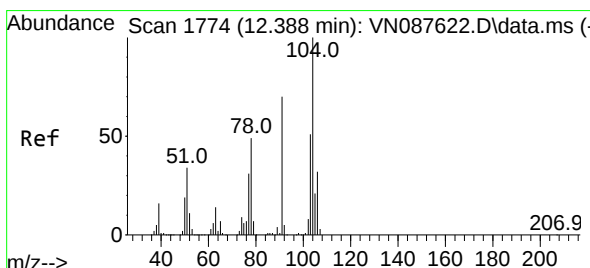
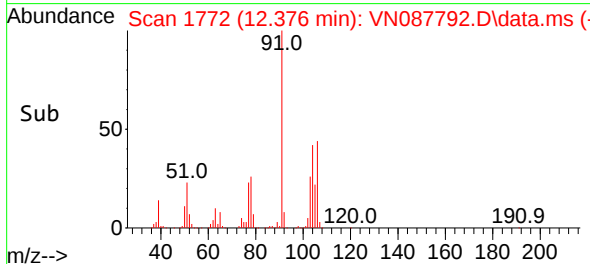
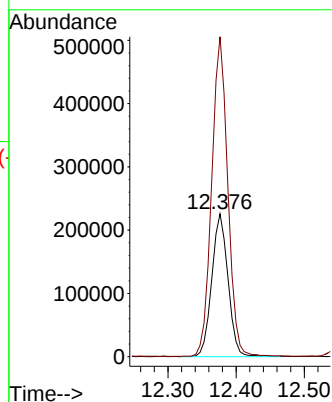
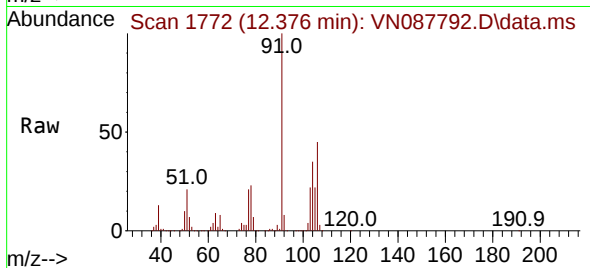
VSTDCCC050

Tgt Ion:106 Resp: 374264

Ion Ratio Lower Upper

106 100

91 222.0 111.4 334.2



#70

Styrene

Concen: 49.818 ug/l

RT: 12.388 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

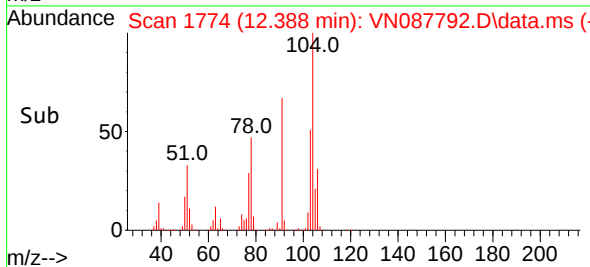
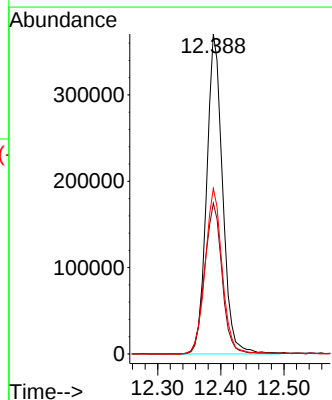
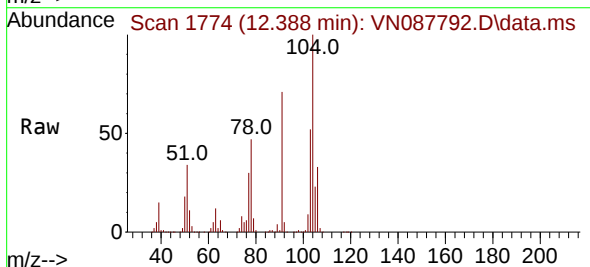
Tgt Ion:104 Resp: 652339

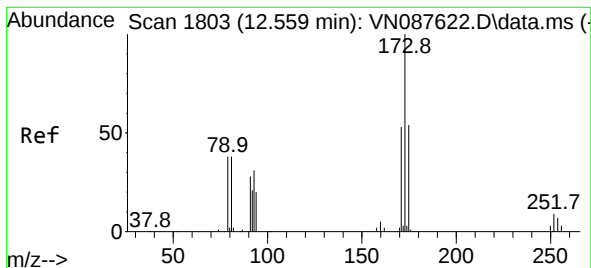
Ion Ratio Lower Upper

104 100

78 51.8 42.2 63.2

103 55.1 43.4 65.2





#71

Bromoform

Concen: 52.519 ug/l

RT: 12.559 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

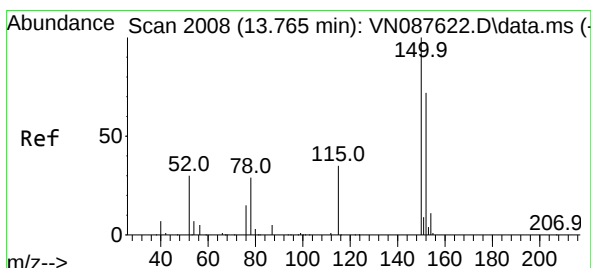
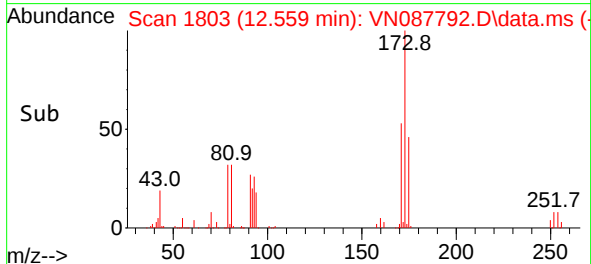
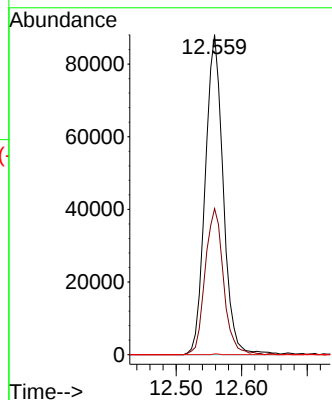
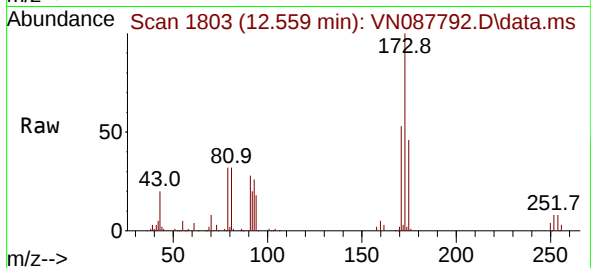
Tgt Ion:173 Resp: 167953

Ion Ratio Lower Upper

173 100

175 46.7 24.9 74.6

254 0.1 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: VN087792.D

Acq: 11 Sep 2025 12:49

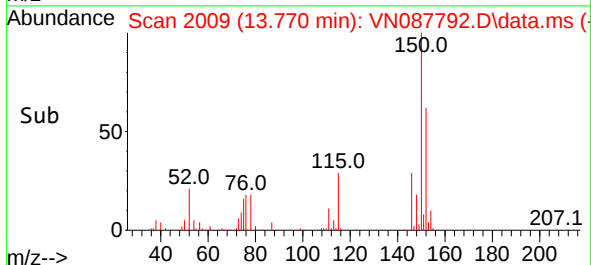
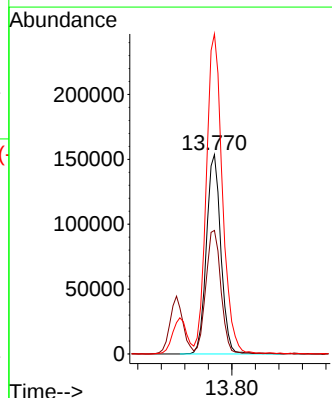
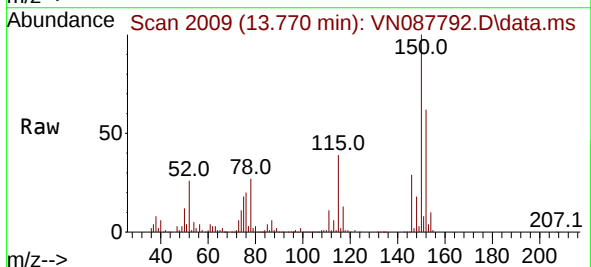
Tgt Ion:152 Resp: 262340

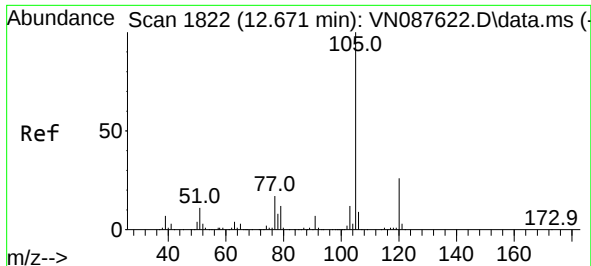
Ion Ratio Lower Upper

152 100

115 64.3 32.3 96.8

150 177.1 0.0 351.0

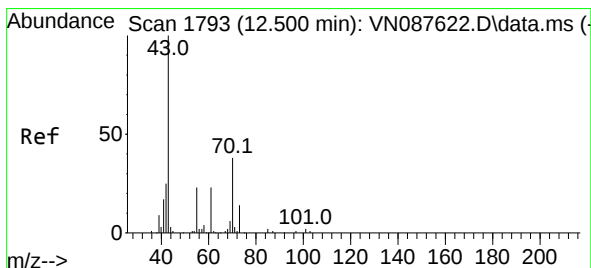
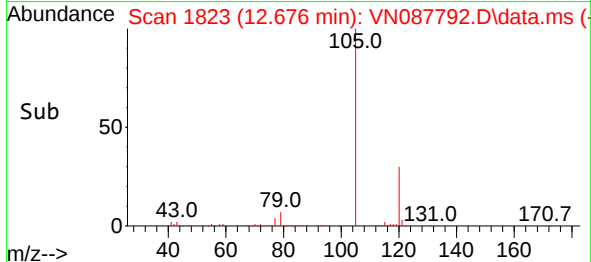
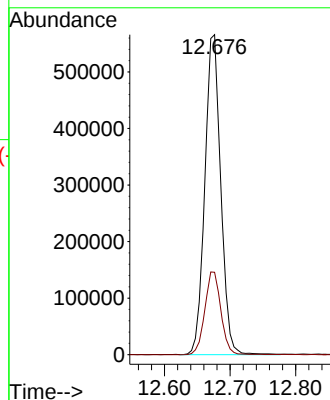
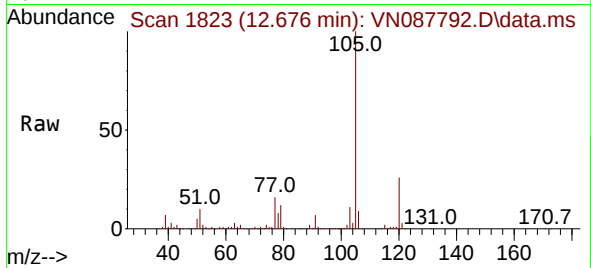




#73
Isopropylbenzene
Concen: 45.168 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

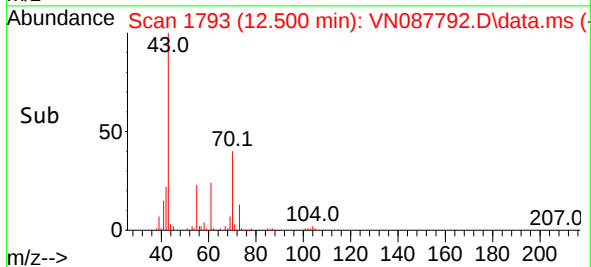
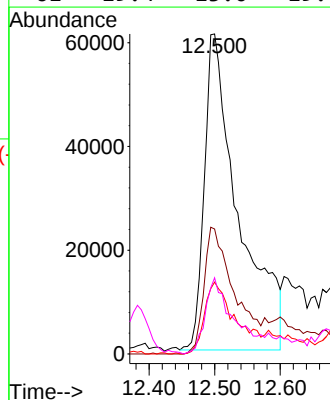
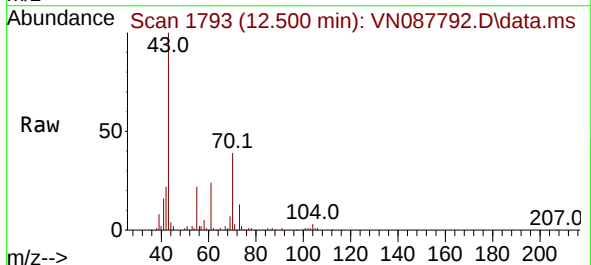
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

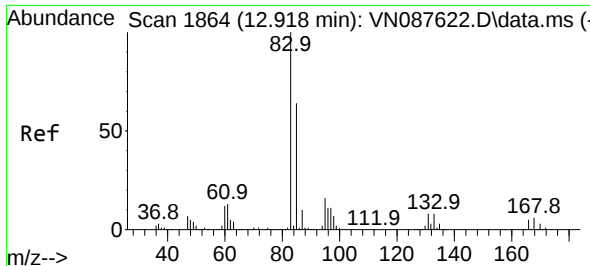
Tgt Ion:105 Resp: 957513
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3



#74
N-ethyl acetate
Concen: 27.532 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 43 Resp: 221183
Ion Ratio Lower Upper
43 100
70 36.0 27.6 41.4
55 20.7 13.0 19.6#
61 19.4 13.0 19.6

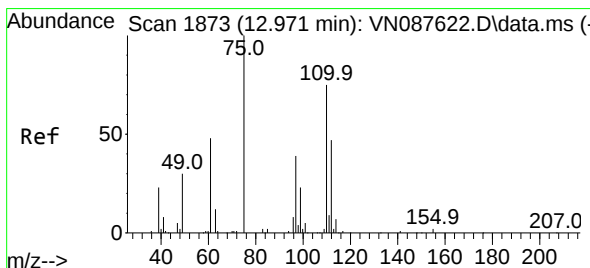
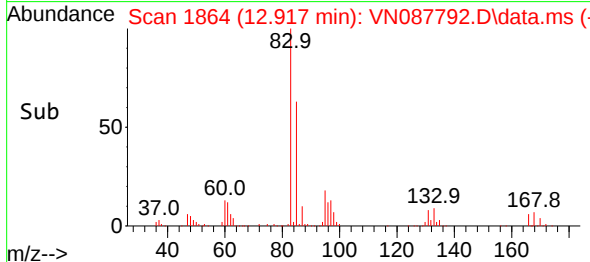
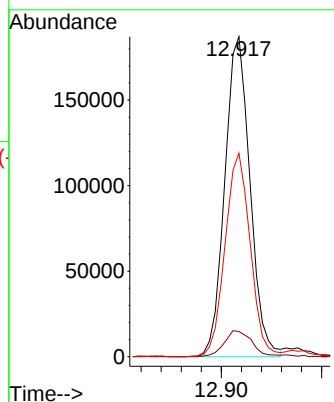
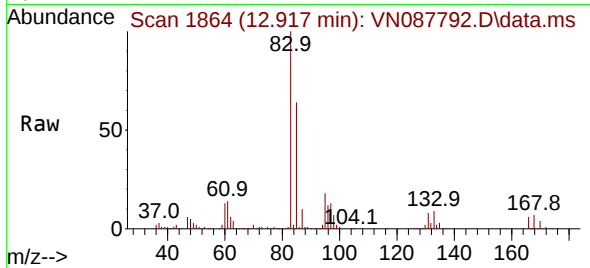




#75
1,1,2,2-Tetrachloroethane
Concen: 44.857 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

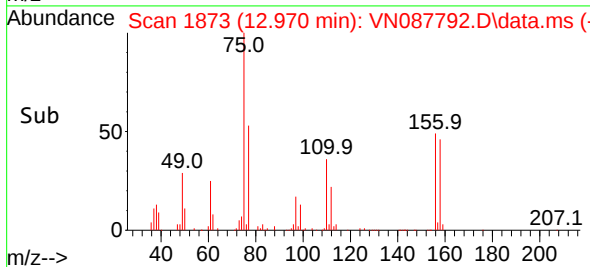
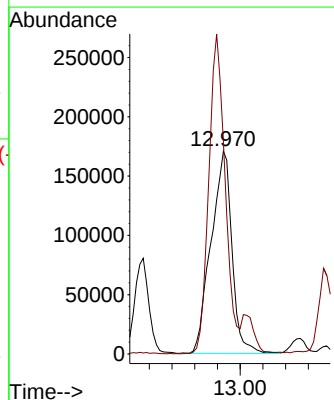
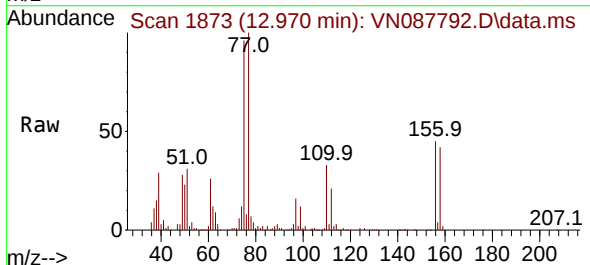
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

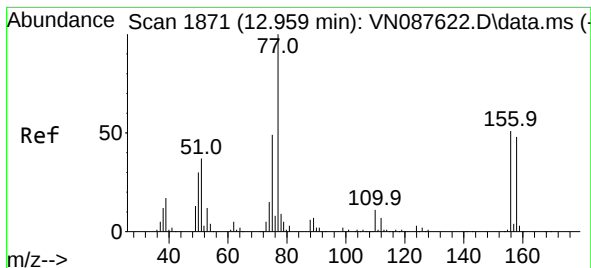
Tgt Ion: 83 Resp: 327385
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 63.3 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 70.916 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 75 Resp: 436277
Ion Ratio Lower Upper
75 100
77 123.7 89.1 267.4





#77

Bromobenzene

Concen: 47.146 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

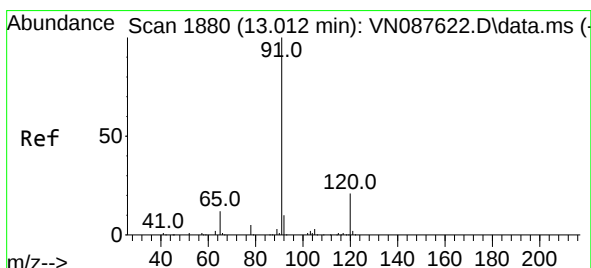
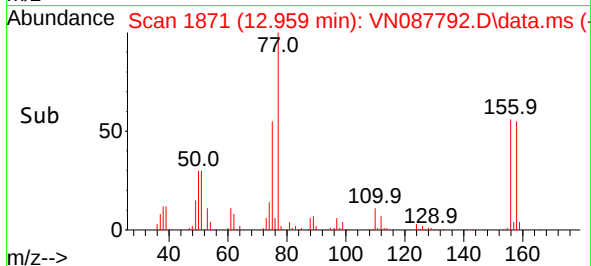
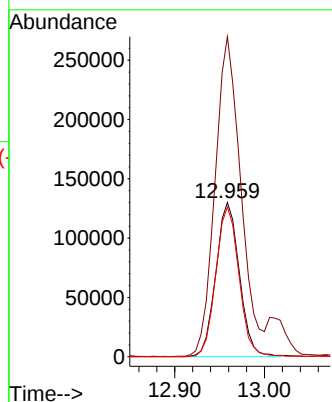
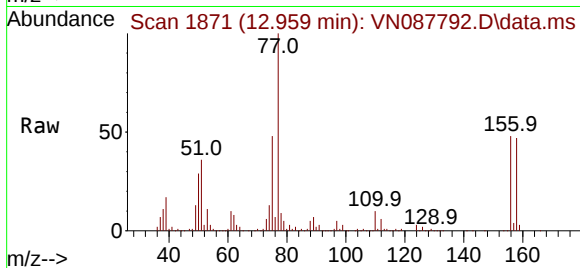
Tgt Ion:156 Resp: 235651

Ion Ratio Lower Upper

156 100

77 229.0 119.3 358.0

158 96.0 48.2 144.6



#78

n-propylbenzene

Concen: 46.099 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087792.D

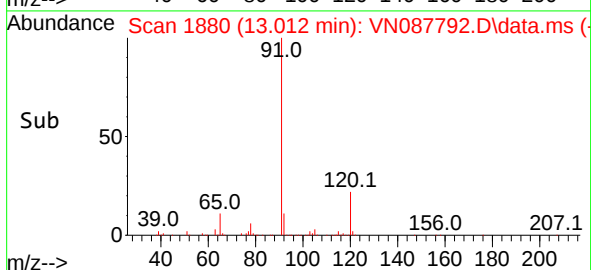
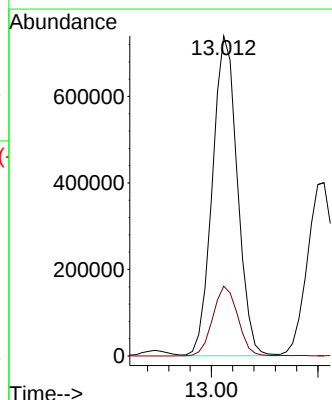
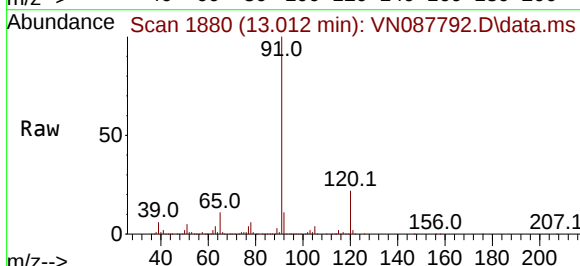
Acq: 11 Sep 2025 12:49

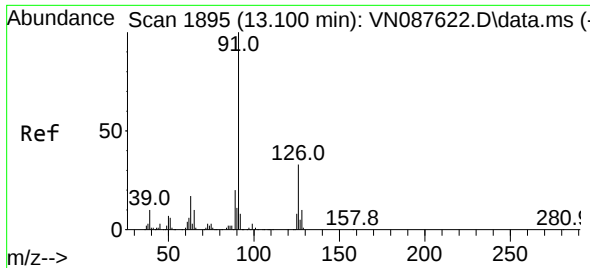
Tgt Ion: 91 Resp: 1203726

Ion Ratio Lower Upper

91 100

120 21.8 10.7 32.1

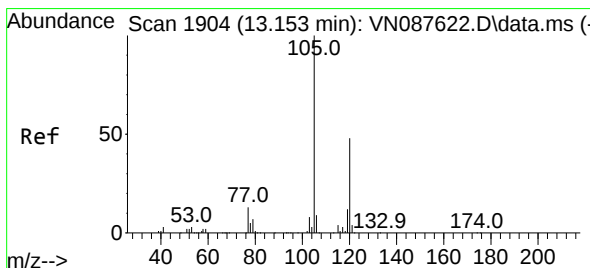
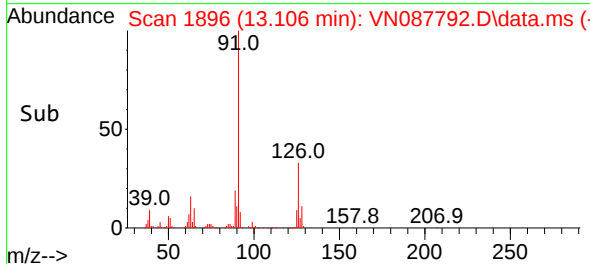
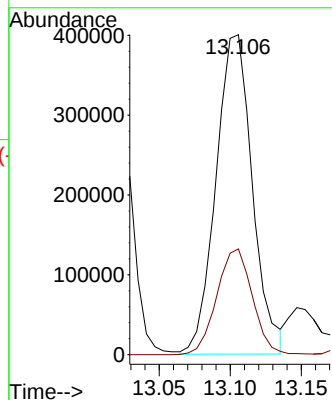
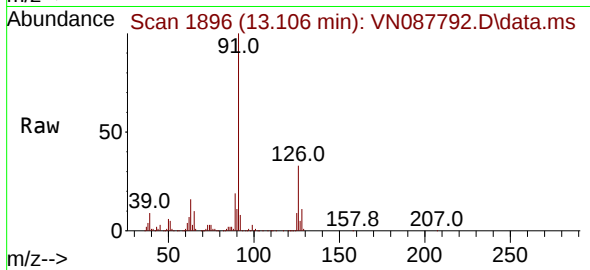




#79
2-Chlorotoluene
Concen: 45.441 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

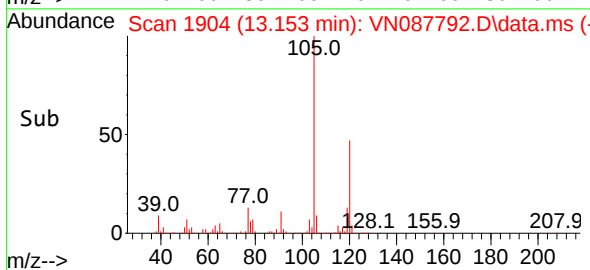
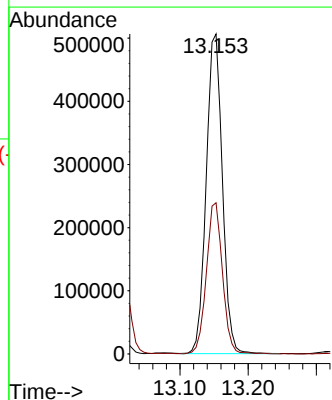
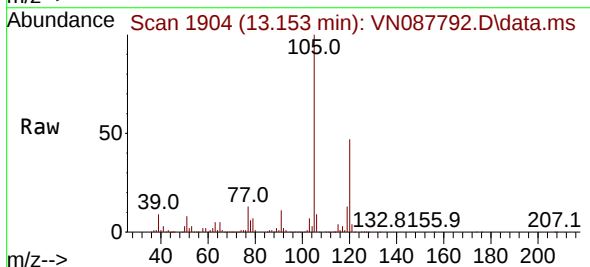
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

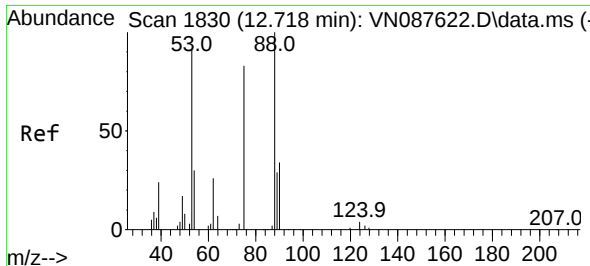
Tgt Ion: 91 Resp: 714049
Ion Ratio Lower Upper
91 100
126 32.4 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 46.421 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 105 Resp: 834809
Ion Ratio Lower Upper
105 100
120 47.1 23.2 69.6

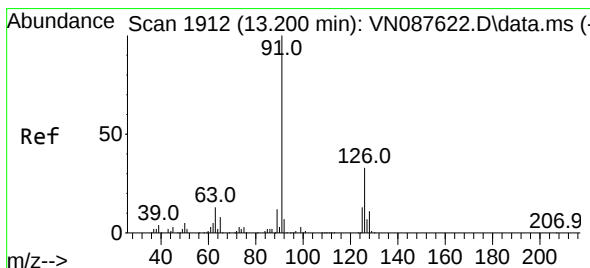
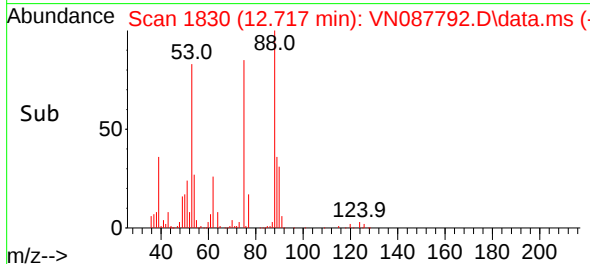
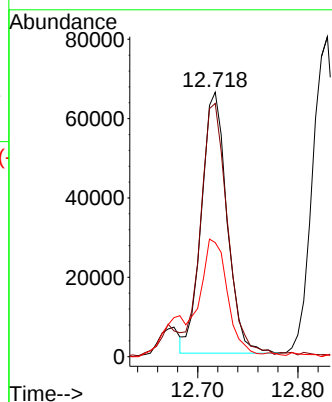
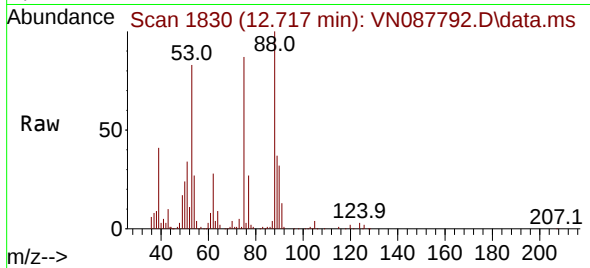




#81
trans-1,4-Dichloro-2-butene
Concen: 50.291 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

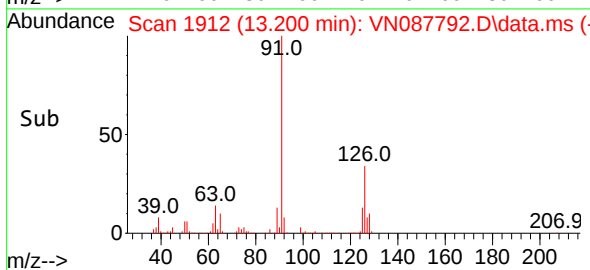
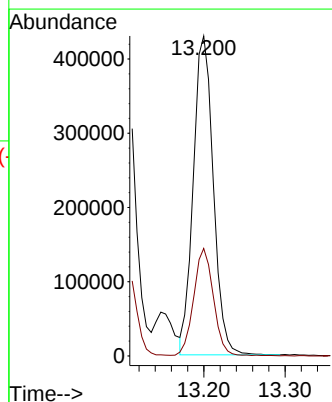
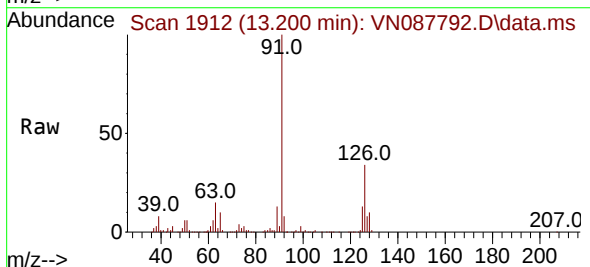
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

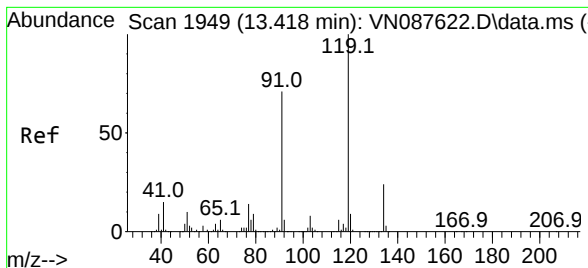
Tgt Ion: 75 Resp: 116867
Ion Ratio Lower Upper
75 100
53 100.3 101.8 152.6#
89 48.8 35.6 53.4



#82
4-Chlorotoluene
Concen: 44.600 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 91 Resp: 736849
Ion Ratio Lower Upper
91 100
126 33.6 15.6 46.8

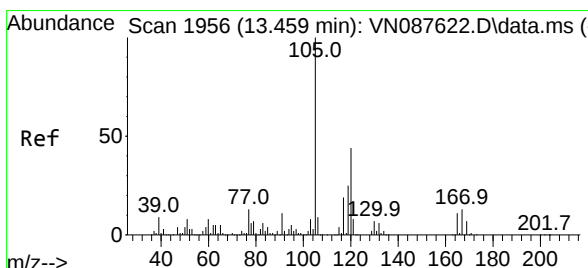
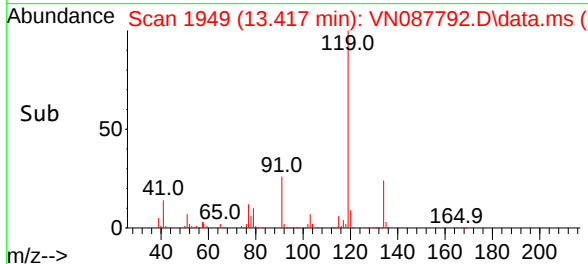
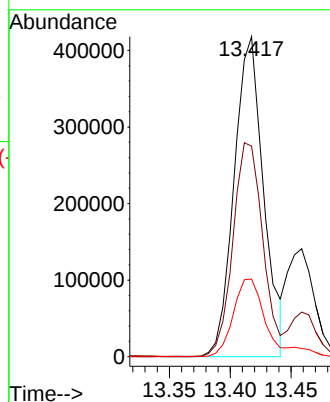
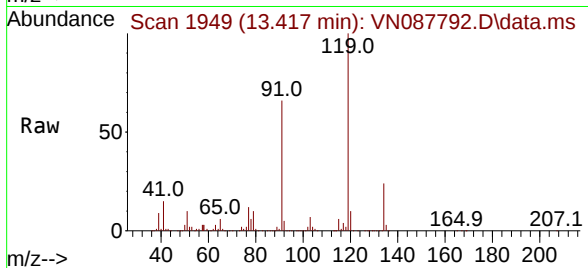




#83
 tert-Butylbenzene
 Concen: 46.965 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087792.D
 Acq: 11 Sep 2025 12:49

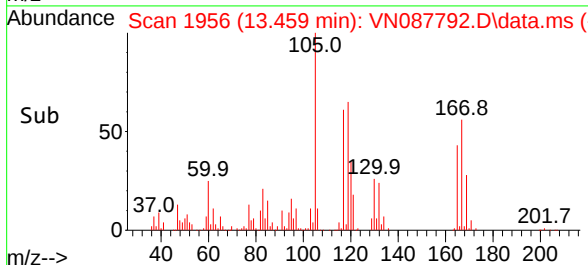
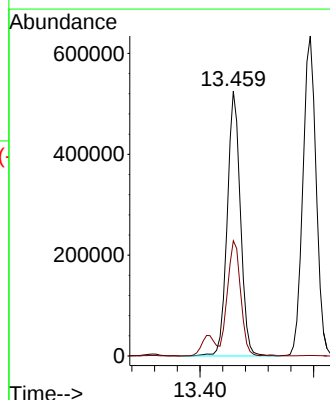
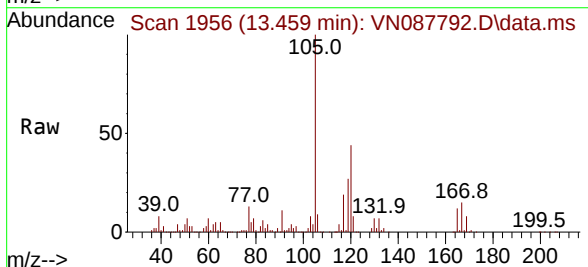
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

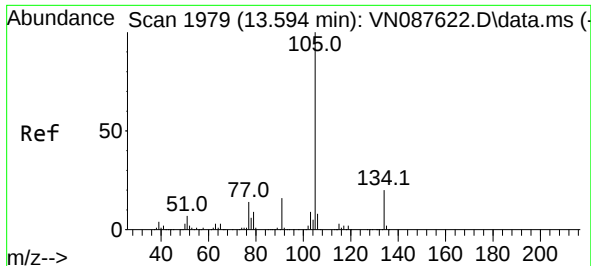
Tgt Ion:119 Resp: 703804
 Ion Ratio Lower Upper
 119 100
 91 67.5 35.0 105.0
 134 27.4 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 47.116 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087792.D
 Acq: 11 Sep 2025 12:49

Tgt Ion:105 Resp: 848197
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.0 66.0

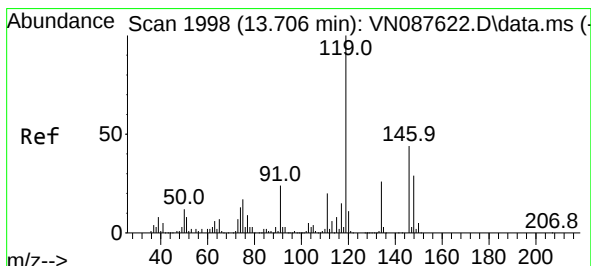
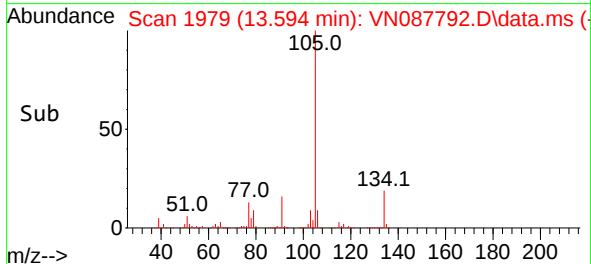
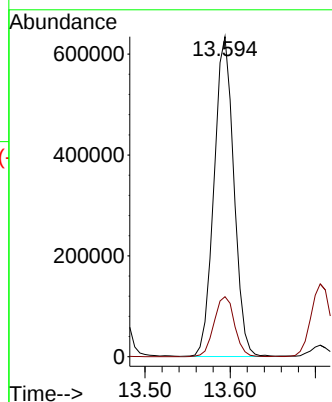
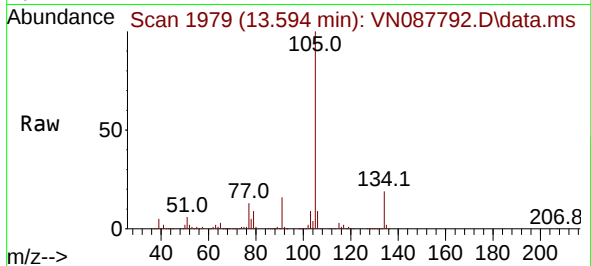




#85
 sec-Butylbenzene
 Concen: 46.124 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087792.D
 Acq: 11 Sep 2025 12:49

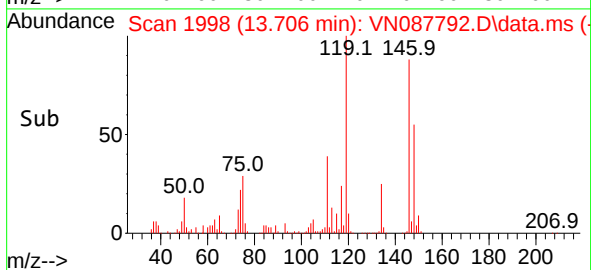
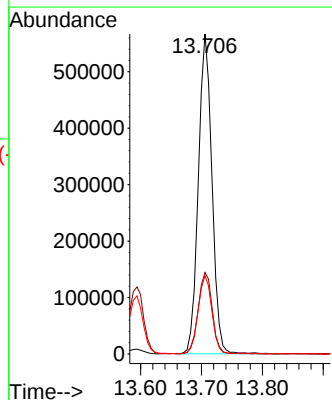
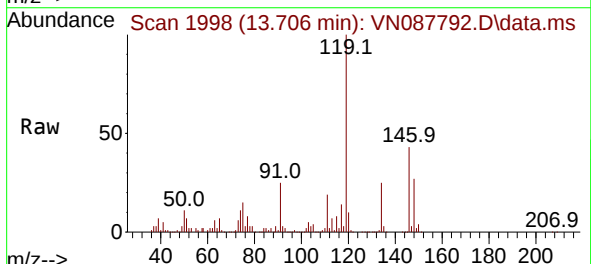
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

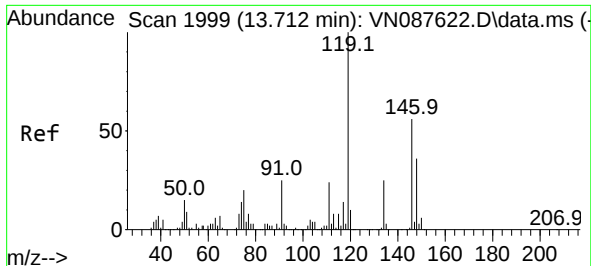
Tgt Ion:105 Resp: 1025732
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 47.643 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087792.D
 Acq: 11 Sep 2025 12:49

Tgt Ion:119 Resp: 874904
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.7 38.0
 91 24.7 12.5 37.5

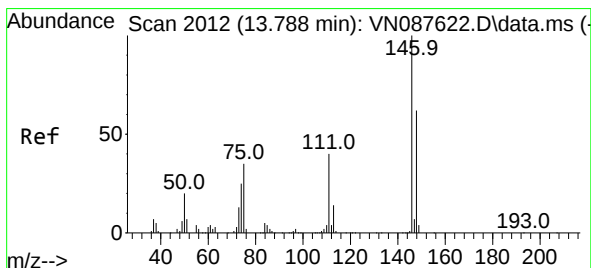
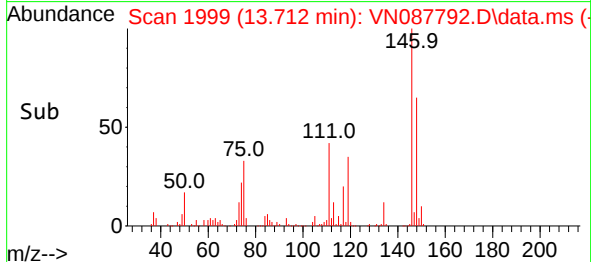
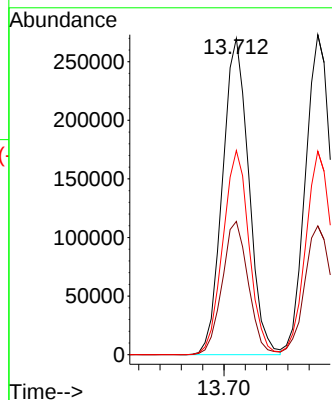
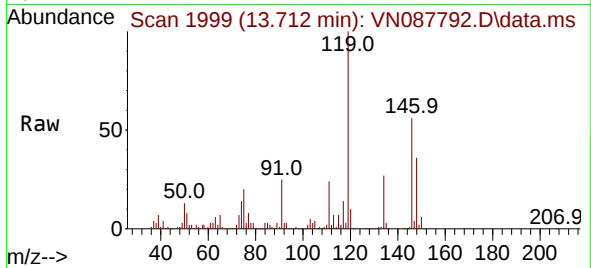




#87
1,3-Dichlorobenzene
Concen: 47.008 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

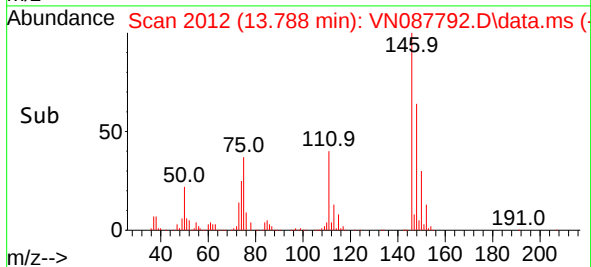
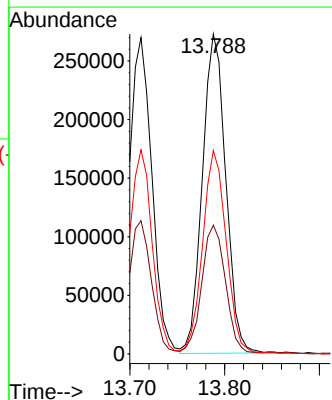
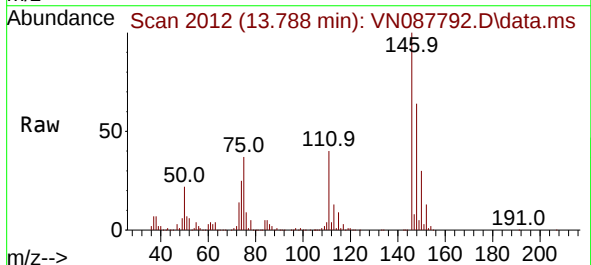
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

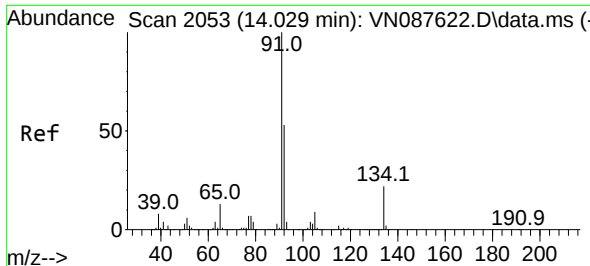
Tgt Ion:146 Resp: 462701
Ion Ratio Lower Upper
146 100
111 41.9 22.1 66.5
148 64.4 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 45.613 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion:146 Resp: 467232
Ion Ratio Lower Upper
146 100
111 40.5 21.0 63.0
148 64.1 32.0 96.0

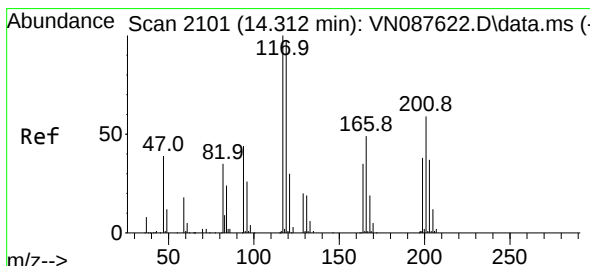
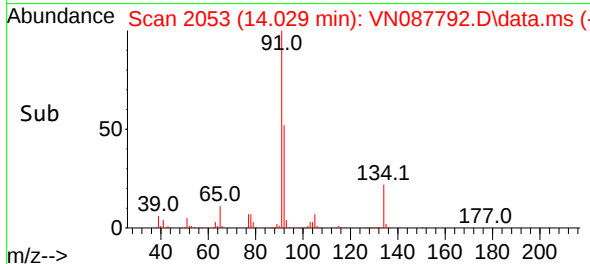
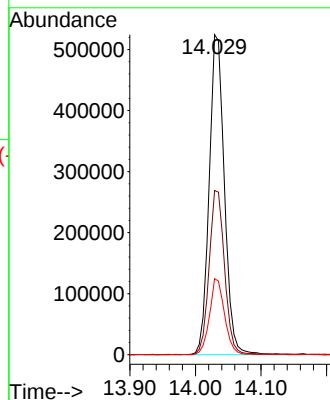
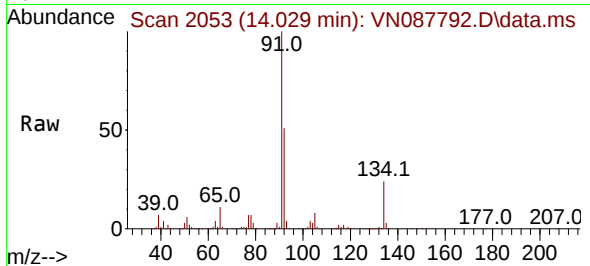




#89
n-Butylbenzene
Concen: 46.441 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

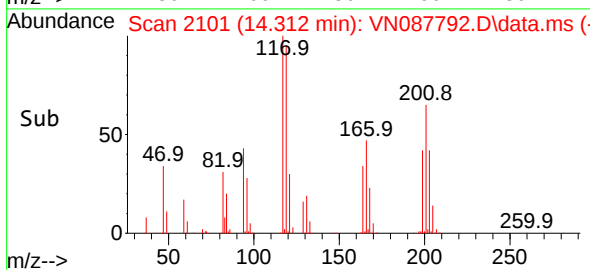
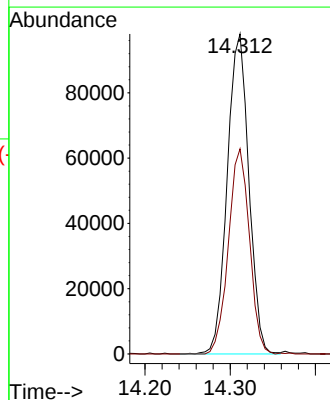
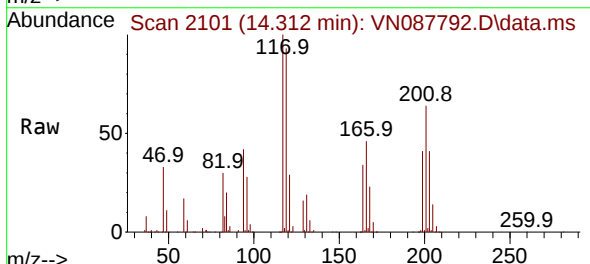
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

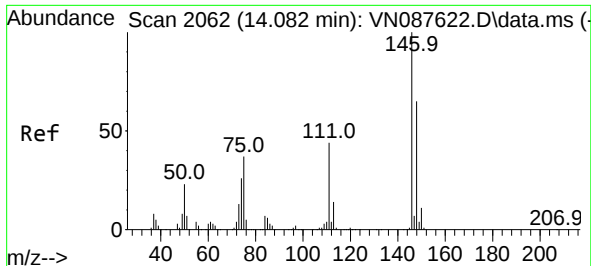
Tgt Ion: 91 Resp: 846984
Ion Ratio Lower Upper
91 100
92 52.0 25.9 77.8
134 23.5 11.7 35.0



#90
Hexachloroethane
Concen: 49.278 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 117 Resp: 172402
Ion Ratio Lower Upper
117 100
201 62.5 29.1 87.4

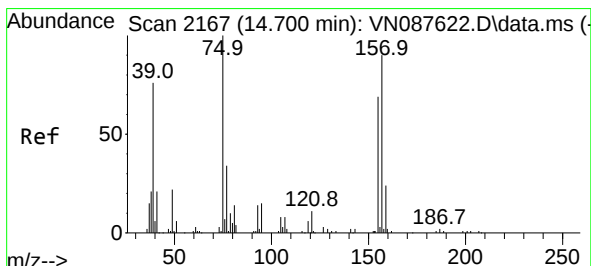
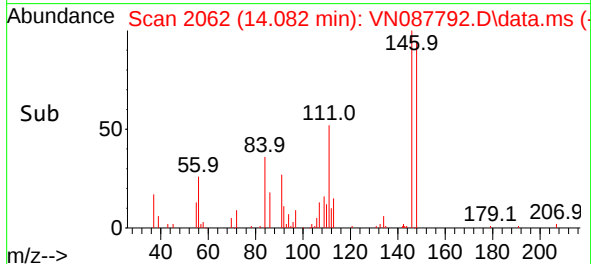
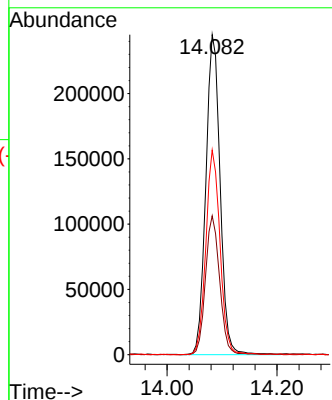
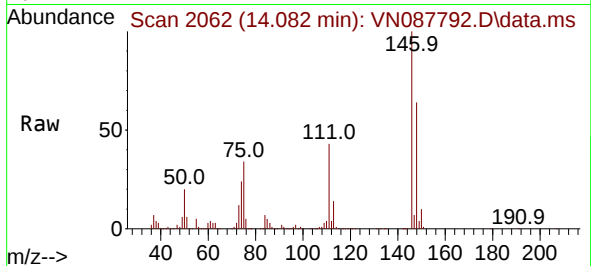




#91
1,2-Dichlorobenzene
Concen: 47.326 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

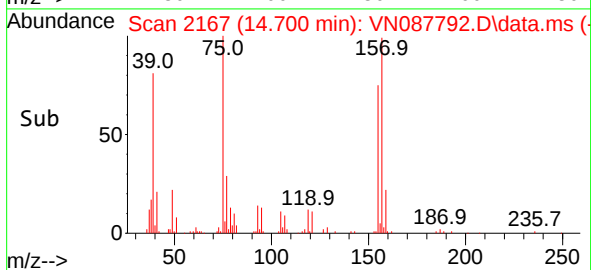
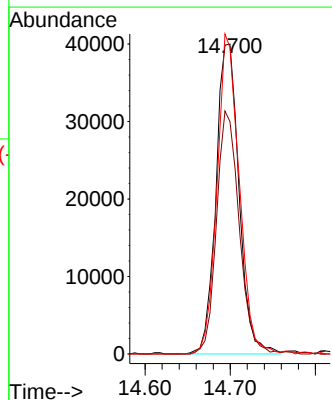
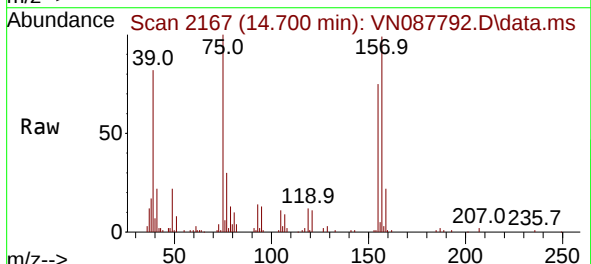
Instrument :
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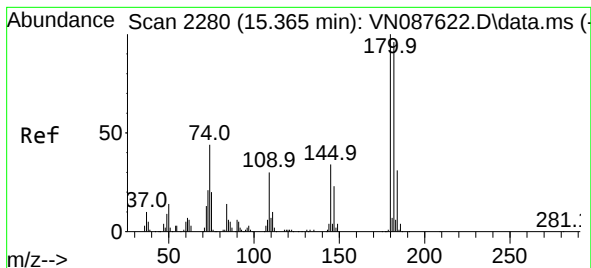
Tgt Ion:146 Resp: 441941
Ion Ratio Lower Upper
146 100
111 43.2 22.6 67.8
148 63.4 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.416 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. -0.000 min
Lab File: VN087792.D
Acq: 11 Sep 2025 12:49

Tgt Ion: 75 Resp: 75274
Ion Ratio Lower Upper
75 100
155 77.4 36.6 109.9
157 99.0 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 47.571 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

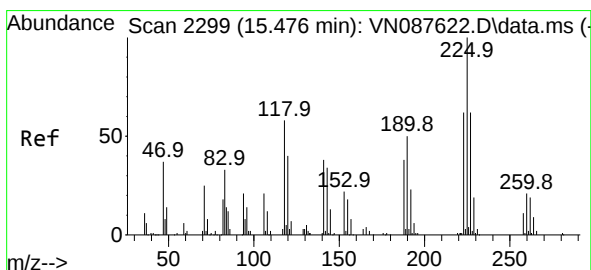
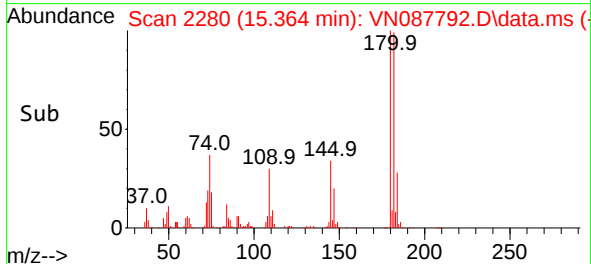
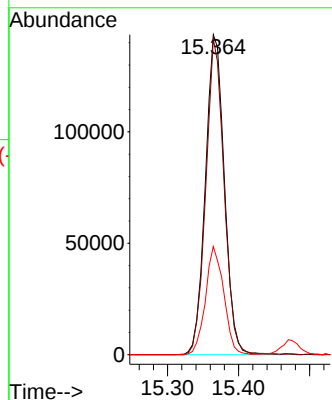
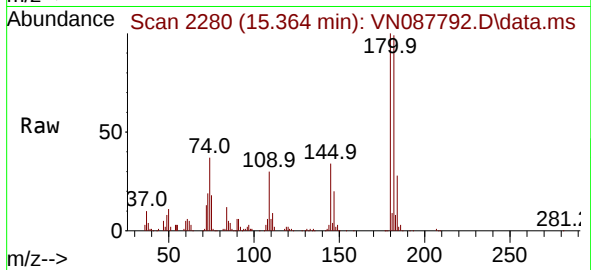
Tgt Ion:180 Resp: 266753

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.9

145 32.6 16.5 49.5



#94

Hexachlorobutadiene

Concen: 50.030 ug/l

RT: 15.470 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

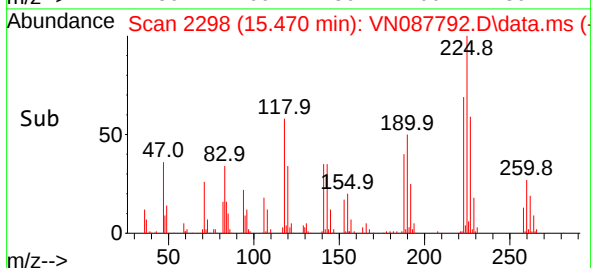
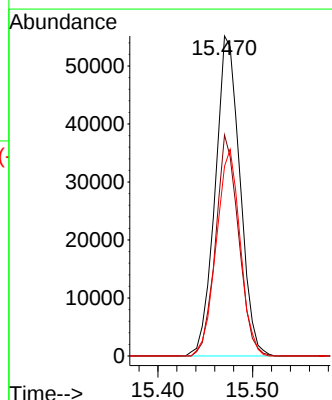
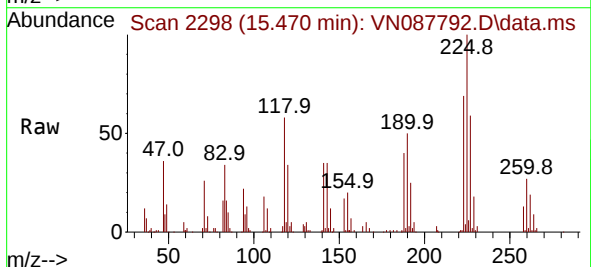
Tgt Ion:225 Resp: 100017

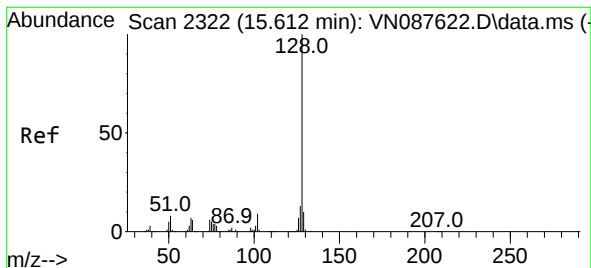
Ion Ratio Lower Upper

225 100

223 64.0 32.0 96.2

227 62.5 32.1 96.5





#95

Naphthalene

Concen: 46.735 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

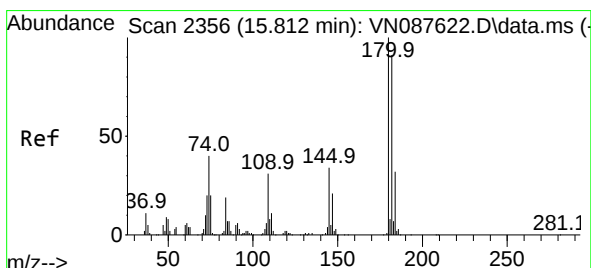
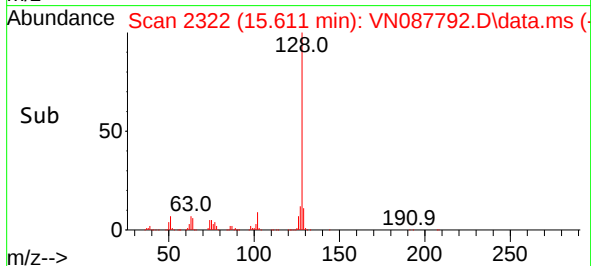
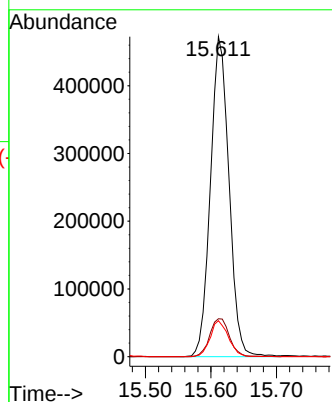
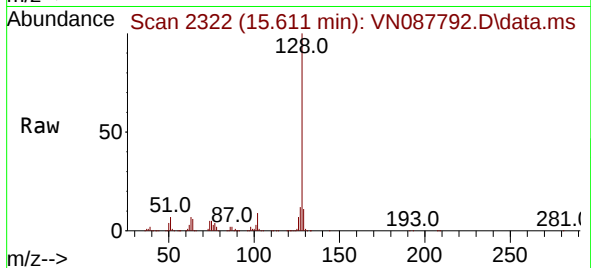
Tgt Ion:128 Resp: 928256

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 47.592 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN087792.D

Acq: 11 Sep 2025 12:49

Tgt Ion:180 Resp: 260894

Ion Ratio Lower Upper

180 100

182 94.3 46.8 140.3

145 34.3 17.3 52.0

