

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100325\
 Data File : VN088013.D
 Acq On : 03 Oct 2025 10:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 04 02:51:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	211900	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	407793	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	399348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	212700	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	189558	53.155	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.320%	
35) Dibromofluoromethane	8.147	113	147566	49.840	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.680%	
50) Toluene-d8	10.547	98	515889	49.548	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.100%	
62) 4-Bromofluorobenzene	12.829	95	180495	48.498	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	119124	48.543	ug/l	99
3) Chloromethane	2.383	50	124349	49.489	ug/l	100
4) Vinyl Chloride	2.536	62	129985	50.707	ug/l	97
5) Bromomethane	2.971	94	81460	51.258	ug/l	92
6) Chloroethane	3.142	64	94576	56.742	ug/l	94
7) Trichlorofluoromethane	3.512	101	226552	54.280	ug/l	97
8) Diethyl Ether	3.965	74	85426	54.177	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	118105	53.539	ug/l	99
10) Methyl Iodide	4.577	142	110011	55.410	ug/l	95
11) Tert butyl alcohol	5.518	59	120578	234.750	ug/l	100
12) 1,1-Dichloroethene	4.341	96	118331	53.163	ug/l	92
13) Acrolein	4.177	56	101381	153.827	ug/l	99
14) Allyl chloride	5.018	41	169750	46.845	ug/l	94
15) Acrylonitrile	5.706	53	449175	278.787	ug/l	99
16) Acetone	4.418	43	356272	242.815	ug/l	97
17) Carbon Disulfide	4.712	76	325539	46.810	ug/l	100
18) Methyl Acetate	5.018	43	241763	65.840	ug/l	99
19) Methyl tert-butyl Ether	5.788	73	494136	56.830	ug/l	100
20) Methylene Chloride	5.265	84	163946	55.203	ug/l	97
21) trans-1,2-Dichloroethene	5.777	96	145759	53.418	ug/l	87
22) Diisopropyl ether	6.653	45	505565	59.764	ug/l	96
23) Vinyl Acetate	6.588	43	2159268	303.155	ug/l	99
24) 1,1-Dichloroethane	6.553	63	278930	56.439	ug/l	98
25) 2-Butanone	7.465	43	599104	267.143	ug/l	99
26) 2,2-Dichloropropane	7.471	77	140646	32.031	ug/l	95
27) cis-1,2-Dichloroethene	7.471	96	180488	55.591	ug/l	94
28) Bromochloromethane	7.800	49	129042	48.057	ug/l	97
29) Tetrahydrofuran	7.824	42	404402	281.618	ug/l	99
30) Chloroform	7.947	83	309633	57.299	ug/l	96
31) Cyclohexane	8.241	56	199447	49.875	ug/l	96
32) 1,1,1-Trichloroethane	8.147	97	252160	55.224	ug/l	97
36) 1,1-Dichloropropene	8.353	75	184552	51.838	ug/l	98
37) Ethyl Acetate	7.547	43	252668	54.045	ug/l	100
38) Carbon Tetrachloride	8.347	117	214305	52.458	ug/l	96
39) Methylcyclohexane	9.582	83	186475	47.480	ug/l	93
40) Benzene	8.588	78	631046	53.533	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.759	41	127328	52.700	ug/l	96
42) 1,2-Dichloroethane	8.653	62	228809	52.013	ug/l	99
43) Isopropyl Acetate	8.671	43	399665	54.310	ug/l	99
44) Trichloroethene	9.329	130	142273	50.528	ug/l	94
45) 1,2-Dichloropropane	9.600	63	160540	54.312	ug/l	98
46) Dibromomethane	9.688	93	128880	55.256	ug/l	93
47) Bromodichloromethane	9.871	83	252397	55.172	ug/l	93
48) Methyl methacrylate	9.665	41	187451	55.005	ug/l	97
49) 1,4-Dioxane	9.682	88	45542	904.603	ug/l #	84
51) 4-Methyl-2-Pentanone	10.423	43	1297788	282.622	ug/l	100
52) Toluene	10.606	92	389751	52.688	ug/l	96
53) t-1,3-Dichloropropene	10.818	75	231861	49.522	ug/l	99
54) cis-1,3-Dichloropropene	10.294	75	233459	48.009	ug/l	98
55) 1,1,2-Trichloroethane	10.994	97	165143	54.906	ug/l	97
56) Ethyl methacrylate	10.853	69	250497	57.638	ug/l	97
57) 1,3-Dichloropropane	11.141	76	270690	54.717	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	726559	355.558	ug/l	100
59) 2-Hexanone	11.176	43	878869	289.453	ug/l	99
60) Dibromochloromethane	11.341	129	194024	54.865	ug/l	99
61) 1,2-Dibromoethane	11.447	107	173418	54.463	ug/l	99
64) Tetrachloroethene	11.082	164	126880	52.158	ug/l	98
65) Chlorobenzene	11.870	112	441827	51.989	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.941	131	162876	53.146	ug/l	96
67) Ethyl Benzene	11.941	91	744976	52.535	ug/l	97
68) m/p-Xylenes	12.047	106	578990	106.758	ug/l	98
69) o-Xylene	12.376	106	279227	53.589	ug/l	99
70) Styrene	12.388	104	490624	54.825	ug/l	99
71) Bromoform	12.559	173	132671	53.359	ug/l #	100
73) Isopropylbenzene	12.676	105	710671	53.910	ug/l	100
74) N-amyl acetate	12.506	43	148267	34.135	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.917	83	254009	53.479	ug/l	99
76) 1,2,3-Trichloropropane	12.970	75	314840	75.091	ug/l	63
77) Bromobenzene	12.959	156	183930	52.440	ug/l	98
78) n-propylbenzene	13.011	91	871697	52.889	ug/l	100
79) 2-Chlorotoluene	13.100	91	519382	51.754	ug/l	99
80) 1,3,5-Trimethylbenzene	13.147	105	605591	53.110	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.717	75	65552	43.414	ug/l	98
82) 4-Chlorotoluene	13.200	91	542423	53.641	ug/l	100
83) tert-Butylbenzene	13.417	119	521941	54.079	ug/l	97
84) 1,2,4-Trimethylbenzene	13.459	105	629394	53.814	ug/l	99
85) sec-Butylbenzene	13.594	105	749419	52.962	ug/l	98
86) p-Isopropyltoluene	13.706	119	629181	52.499	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	357765	52.270	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	366323	52.078	ug/l	97
89) n-Butylbenzene	14.035	91	565873	49.962	ug/l	100
90) Hexachloroethane	14.311	117	129377	51.680	ug/l	97
91) 1,2-Dichlorobenzene	14.082	146	337690	51.184	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.700	75	54794	49.649	ug/l	98
93) 1,2,4-Trichlorobenzene	15.364	180	185116	47.522	ug/l	99
94) Hexachlorobutadiene	15.470	225	64377	44.901	ug/l	97
95) Naphthalene	15.611	128	660404	52.814	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	187836	49.600	ug/l	97

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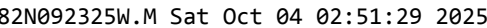
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

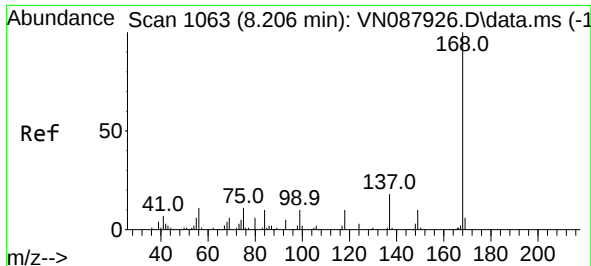
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QLast Update : Wed Sep 24 05:05:30 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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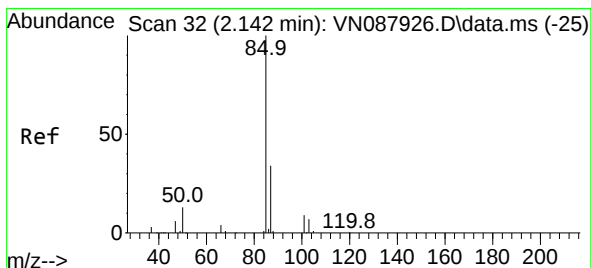
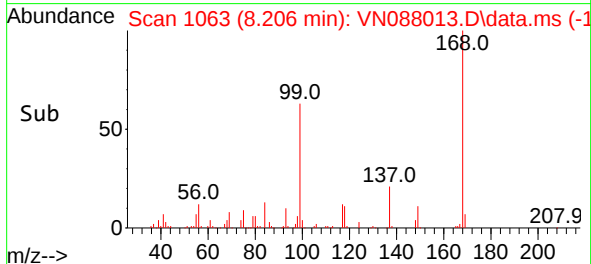
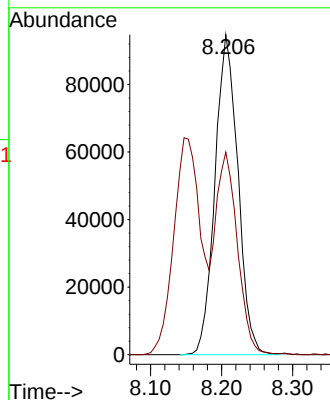
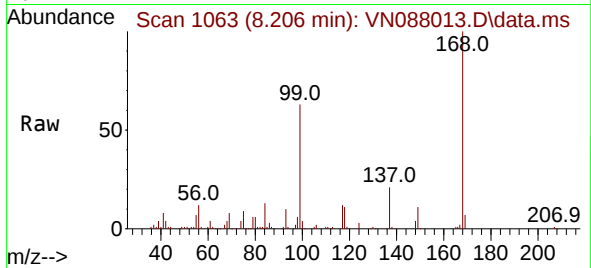




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088013.D
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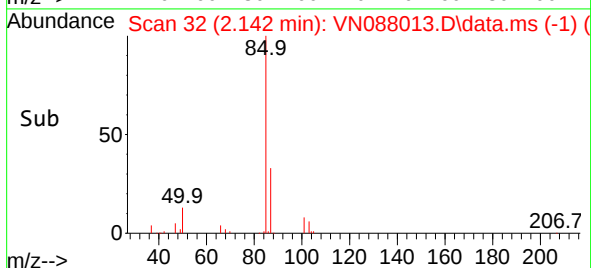
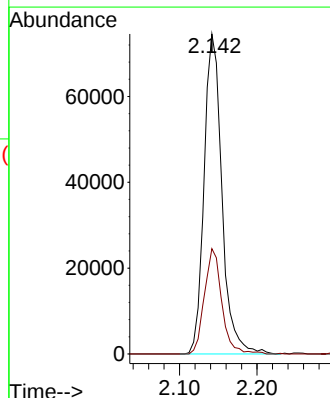
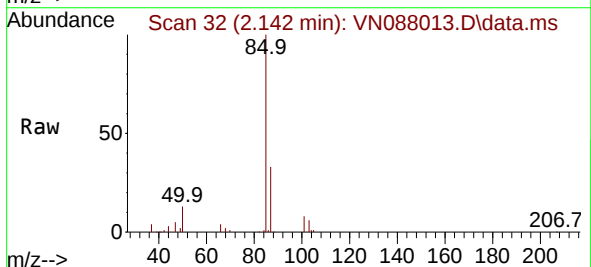
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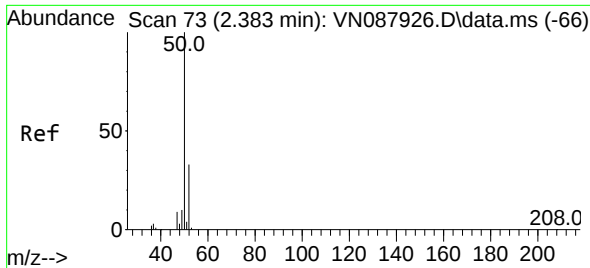
Tgt Ion:168 Resp: 211900
Ion Ratio Lower Upper
168 100
99 63.0 52.2 78.2



#2
Dichlorodifluoromethane
Concen: 48.543 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 85 Resp: 119124
Ion Ratio Lower Upper
85 100
87 32.9 16.9 50.6

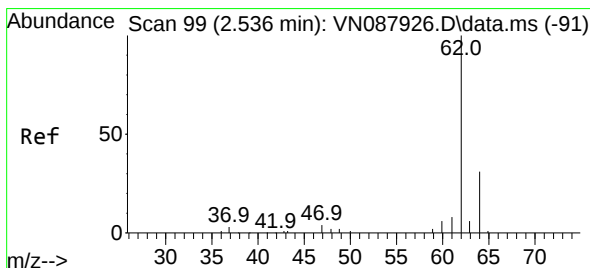
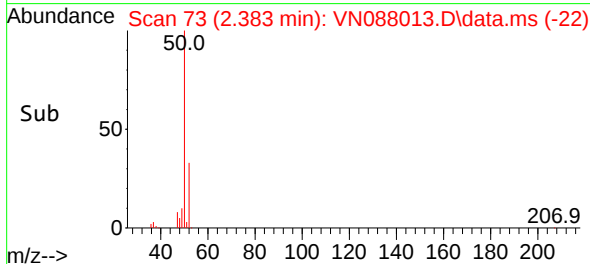
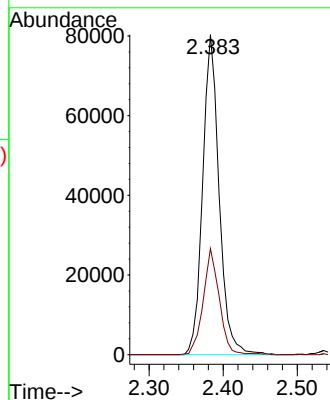
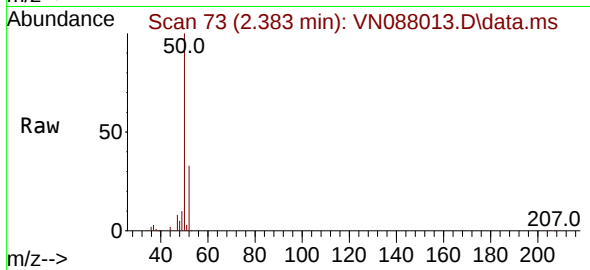




#3
Chloromethane
Concen: 49.489 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

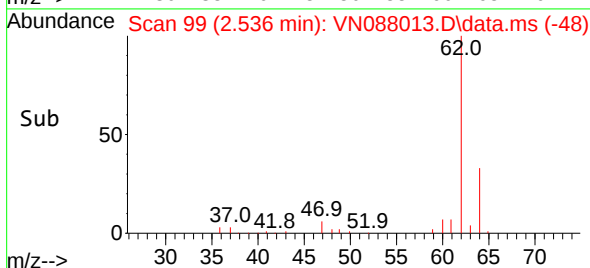
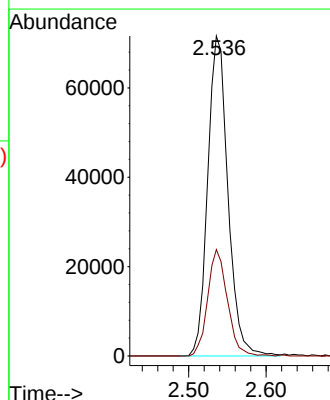
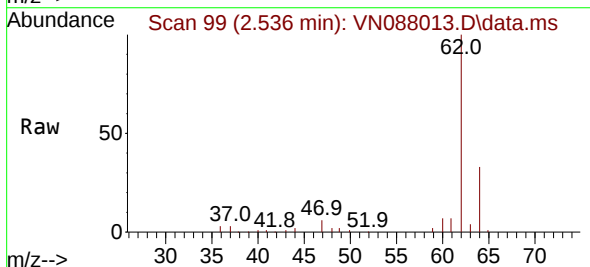
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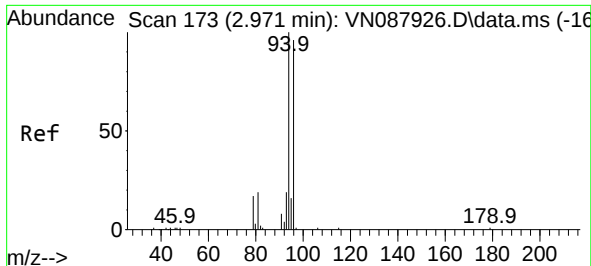
Tgt Ion: 50 Resp: 124349
Ion Ratio Lower Upper
50 100
52 33.1 26.6 40.0



#4
Vinyl Chloride
Concen: 50.707 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 62 Resp: 129985
Ion Ratio Lower Upper
62 100
64 33.2 25.2 37.8

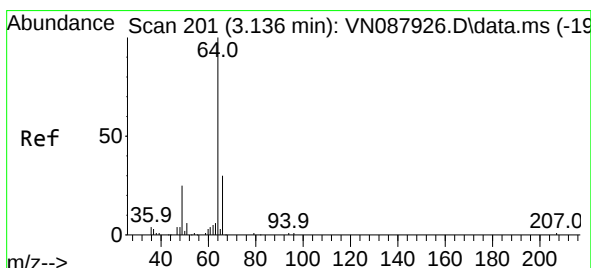
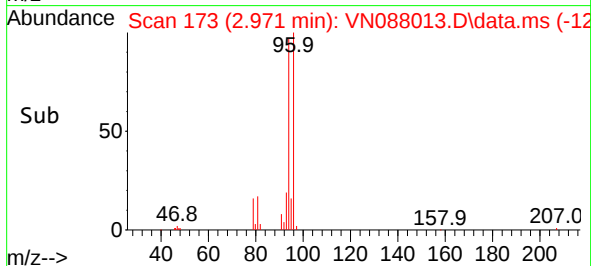
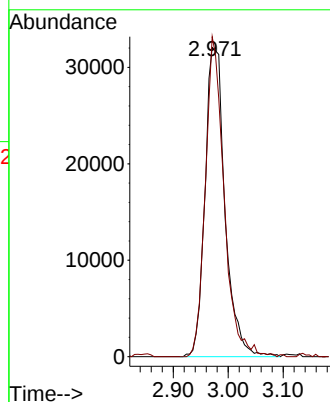
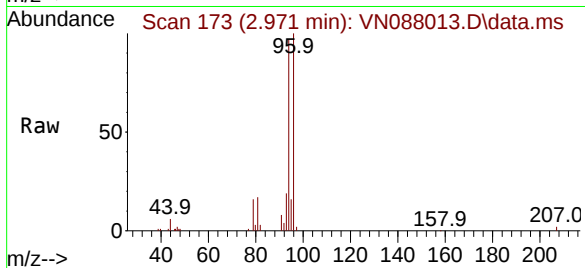




#5
Bromomethane
Concen: 51.258 ug/l
RT: 2.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088013.D
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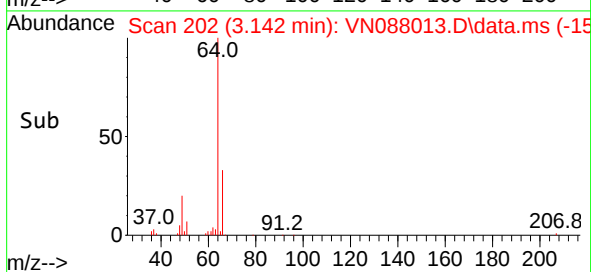
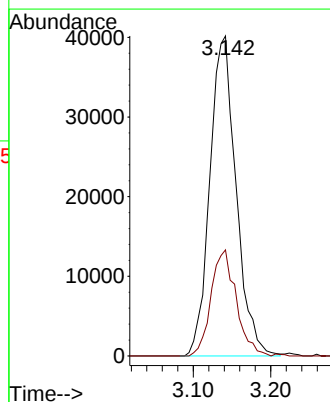
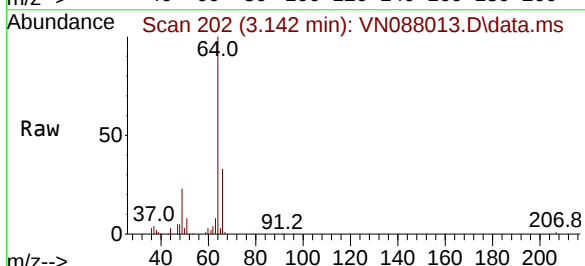
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Tgt Ion: 94 Resp: 81460
Ion Ratio Lower Upper
94 100
96 103.5 76.8 115.2



#6
Chloroethane
Concen: 56.742 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 64 Resp: 94576
Ion Ratio Lower Upper
64 100
66 33.1 23.8 35.8

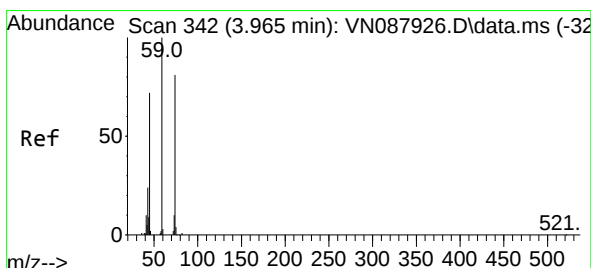
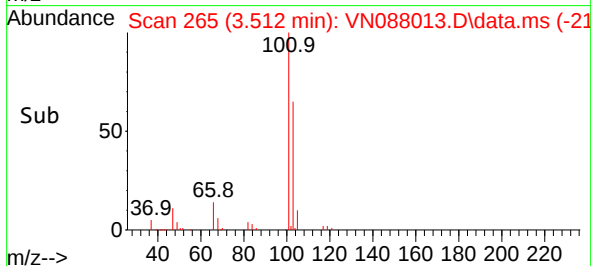
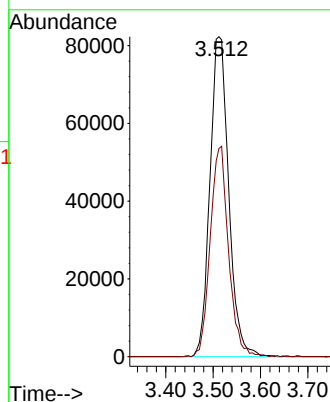
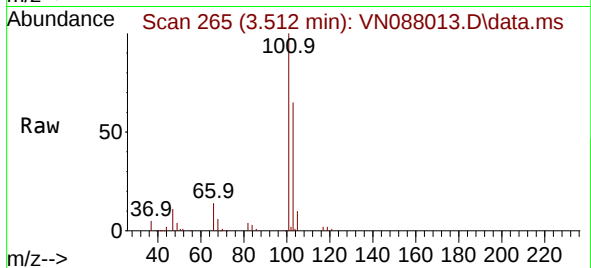




#7
 Trichlorofluoromethane
 Concen: 54.280 ug/l
 RT: 3.512 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: VN088013.D
 Acq: 03 Oct 2025 10:17

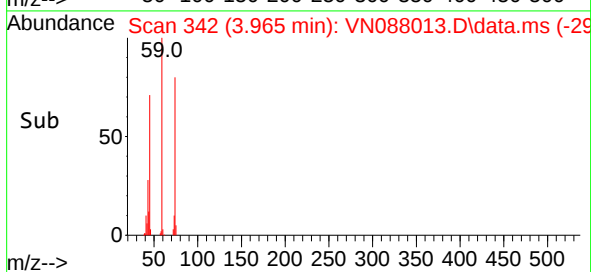
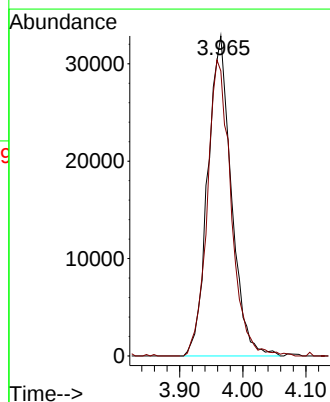
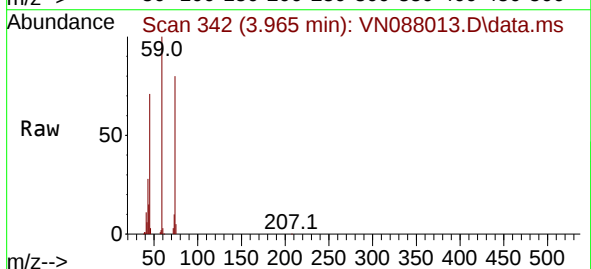
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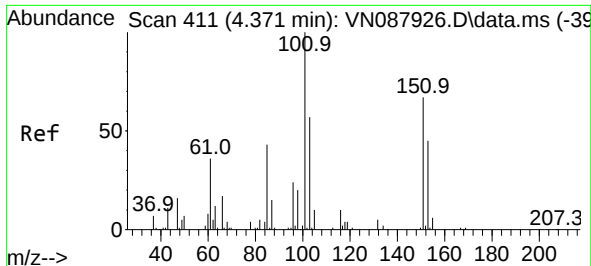
Tgt Ion:101 Resp: 226552
 Ion Ratio Lower Upper
 101 100
 103 65.0 50.2 75.4



#8
 Diethyl Ether
 Concen: 54.177 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VN088013.D
 Acq: 03 Oct 2025 10:17

Tgt Ion: 74 Resp: 85426
 Ion Ratio Lower Upper
 74 100
 45 93.5 45.4 136.1

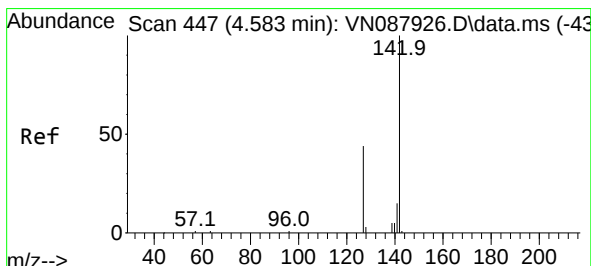
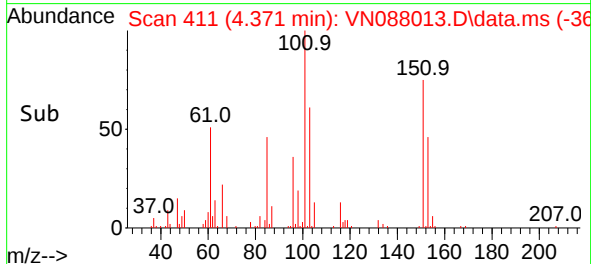
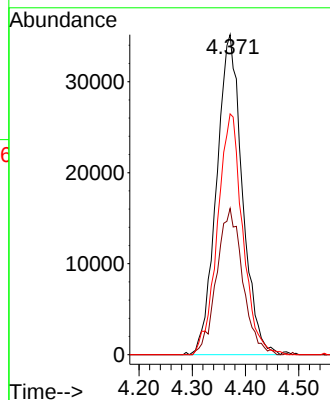
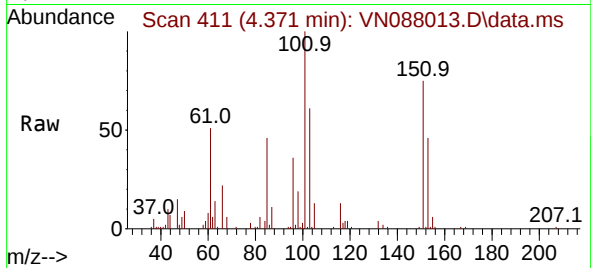




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.539 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088013.D
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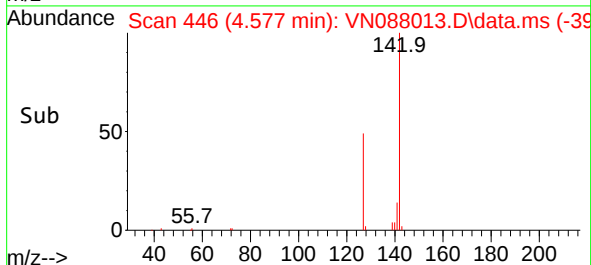
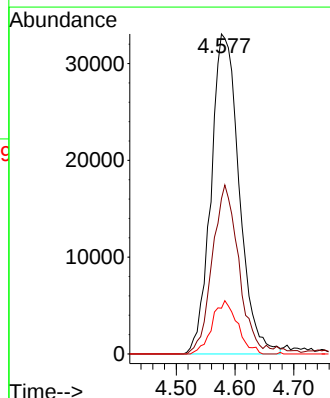
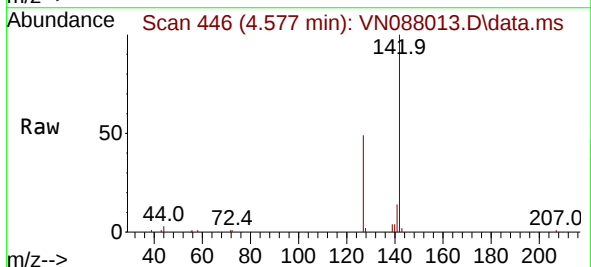
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

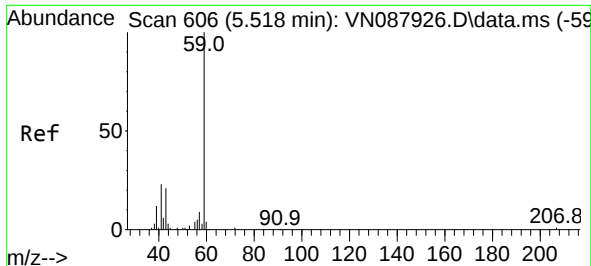
Tgt Ion:101 Resp: 118105
Ion Ratio Lower Upper
101 100
85 46.1 36.5 54.7
151 73.6 58.6 87.8



#10
Methyl Iodide
Concen: 55.410 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion:142 Resp: 110011
Ion Ratio Lower Upper
142 100
127 48.5 35.3 52.9
141 14.3 11.8 17.8

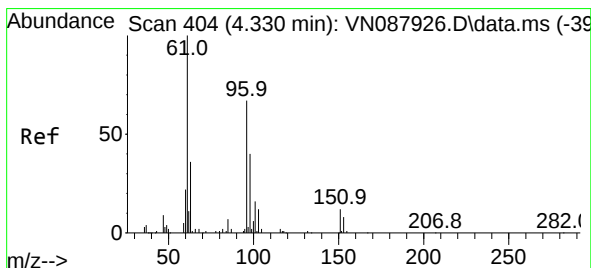
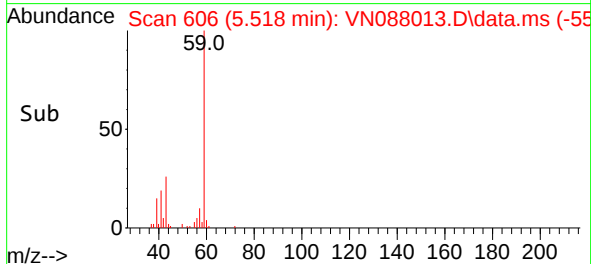
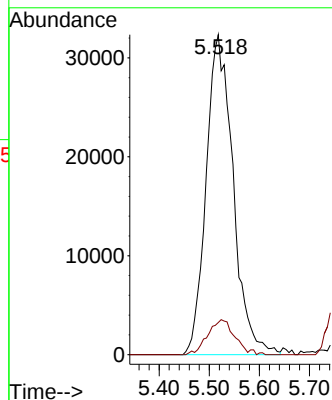
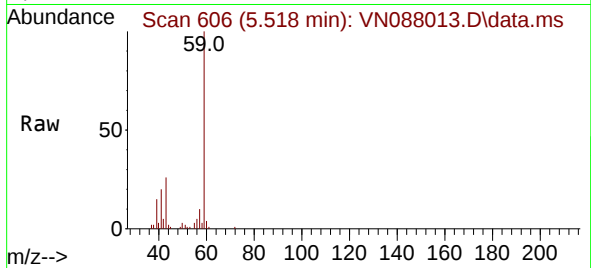




#11
Tert butyl alcohol
Concen: 234.750 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

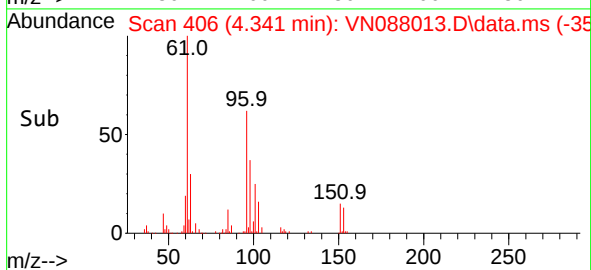
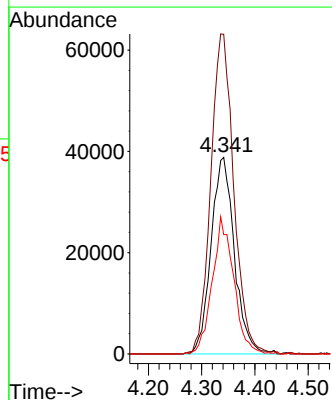
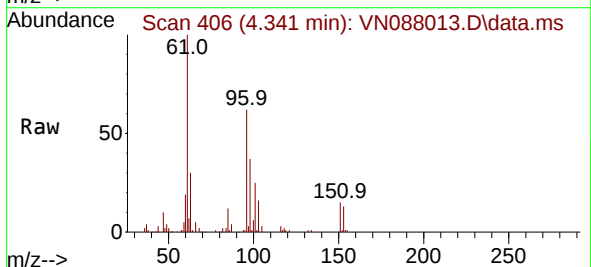
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

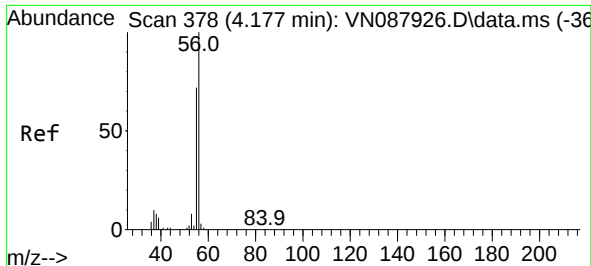
Tgt Ion: 59 Resp: 120578
Ion Ratio Lower Upper
59 100
57 11.1 8.8 13.2



#12
1,1-Dichloroethene
Concen: 53.163 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 96 Resp: 118331
Ion Ratio Lower Upper
96 100
61 162.5 119.2 178.8
98 60.7 47.5 71.3

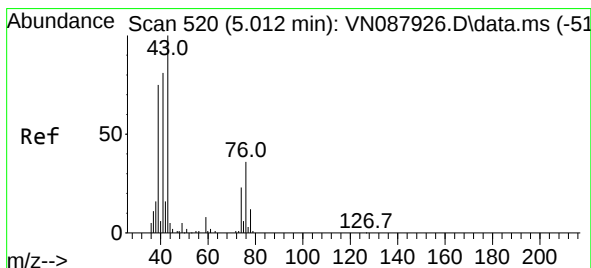
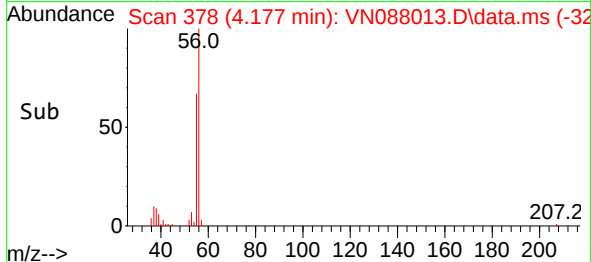
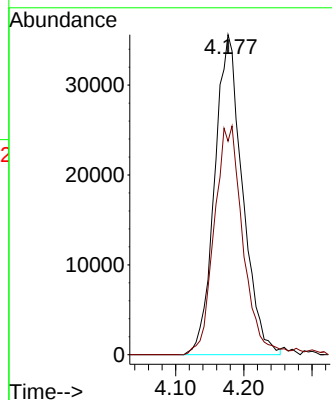
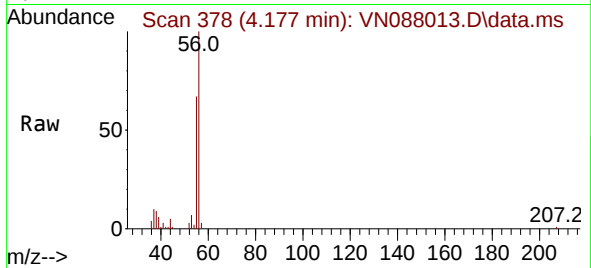




#13
Acrolein
Concen: 153.827 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

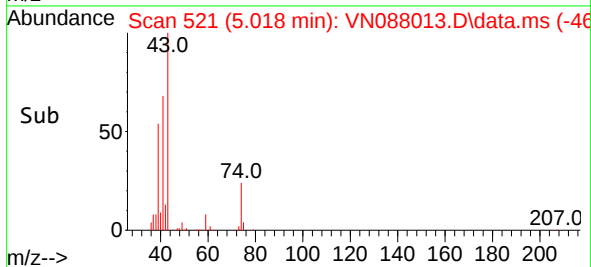
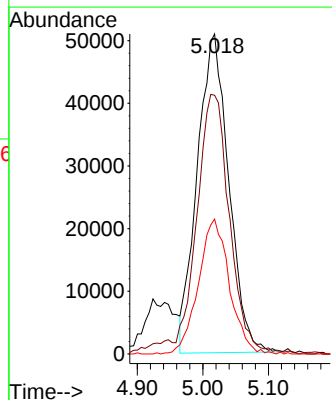
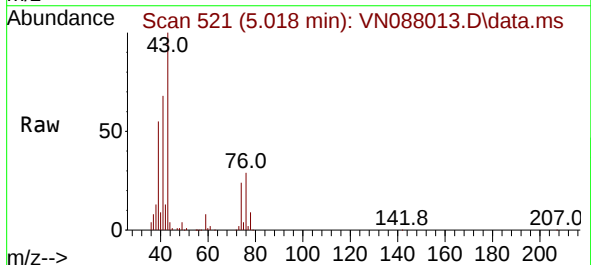
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

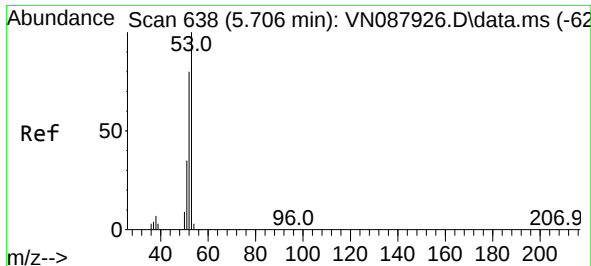
Tgt Ion: 56 Resp: 101381
Ion Ratio Lower Upper
56 100
55 73.3 59.3 88.9



#14
Allyl chloride
Concen: 46.845 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 41 Resp: 169750
Ion Ratio Lower Upper
41 100
39 87.6 63.8 95.8
76 41.7 33.0 49.6

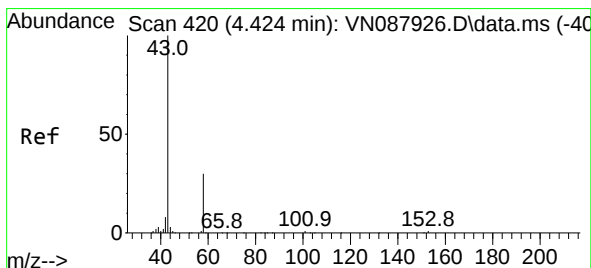
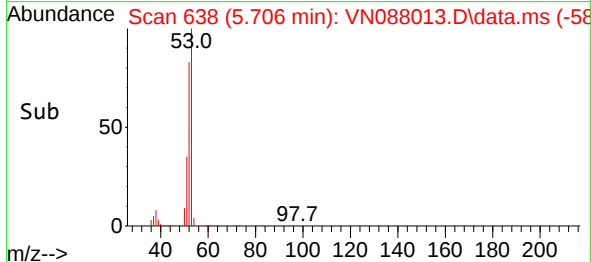
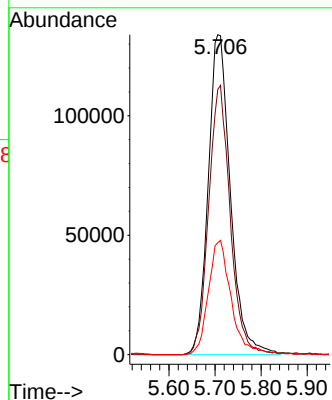
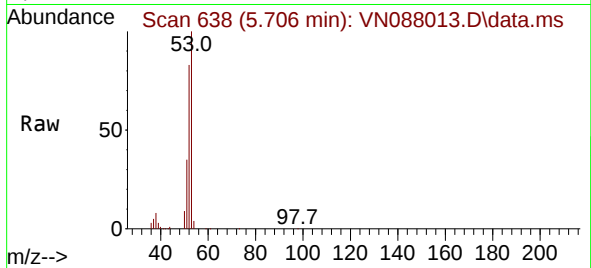




#15
Acrylonitrile
Concen: 278.787 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

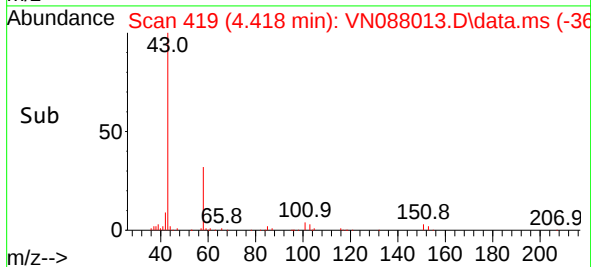
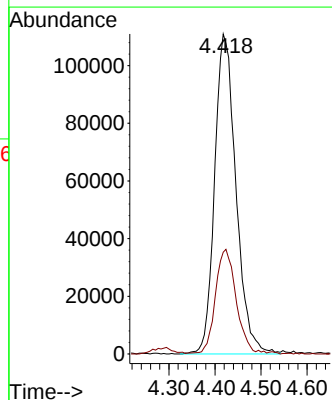
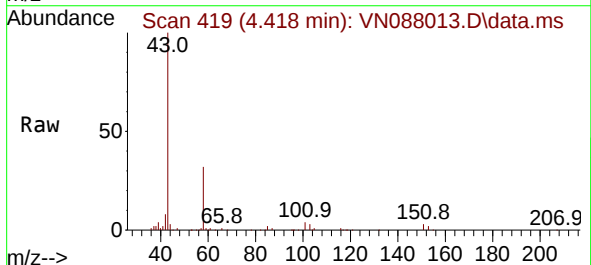
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 53 Resp: 449175
Ion Ratio Lower Upper
53 100
52 81.9 66.6 99.8
51 36.7 29.0 43.4



#16
Acetone
Concen: 242.815 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 43 Resp: 356272
Ion Ratio Lower Upper
43 100
58 31.8 24.1 36.1

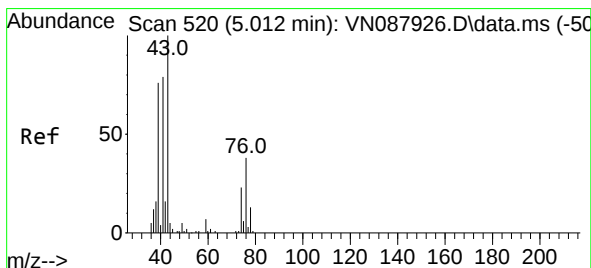
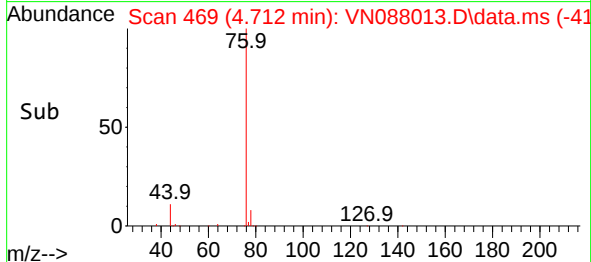
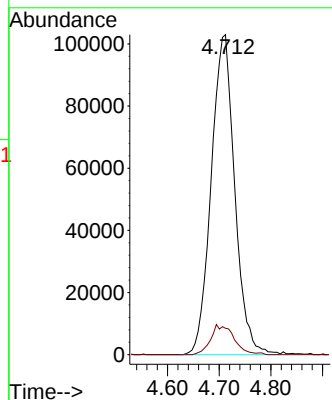
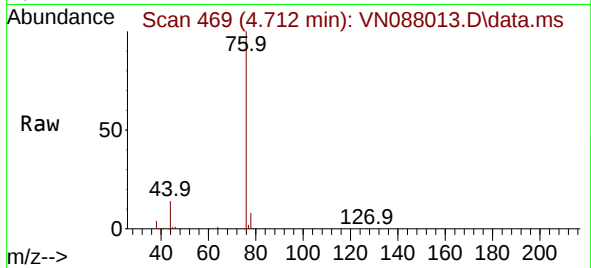




#17
Carbon Disulfide
Concen: 46.810 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

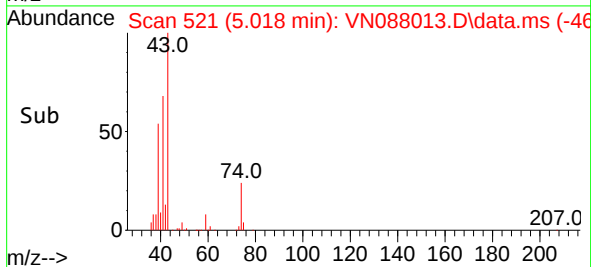
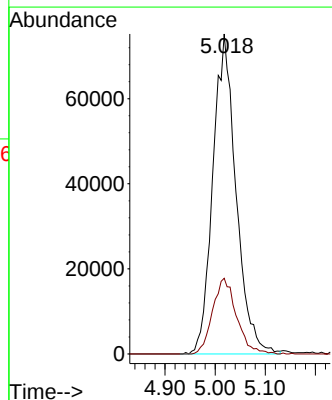
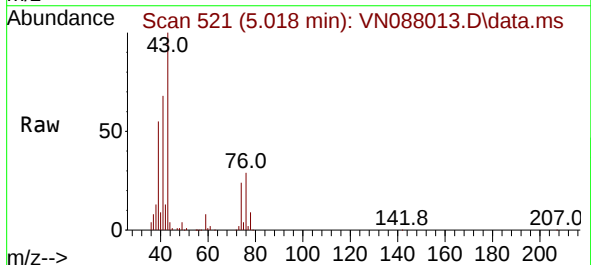
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

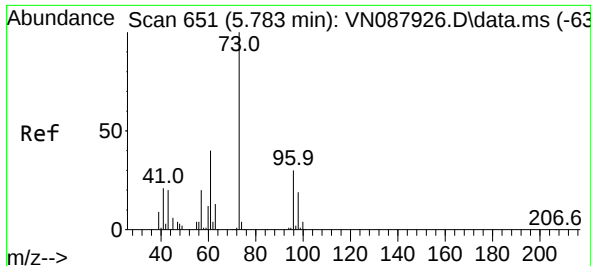
Tgt Ion: 76 Resp: 325539
Ion Ratio Lower Upper
76 100
78 8.3 6.7 10.1



#18
Methyl Acetate
Concen: 65.840 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 43 Resp: 241763
Ion Ratio Lower Upper
43 100
74 24.3 19.7 29.5

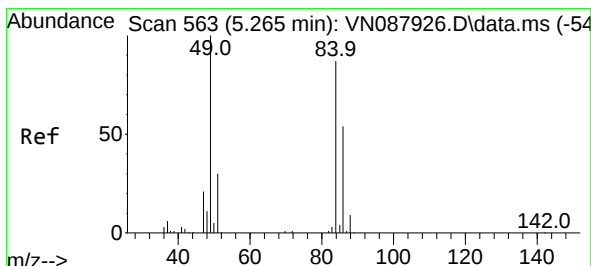
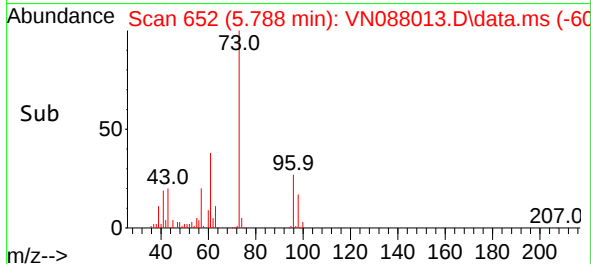
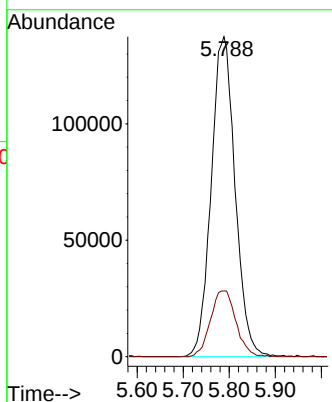
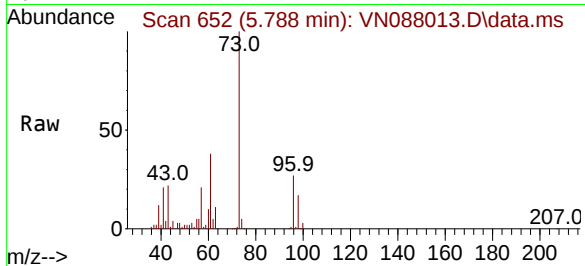




#19
Methyl tert-butyl Ether
Concen: 56.830 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

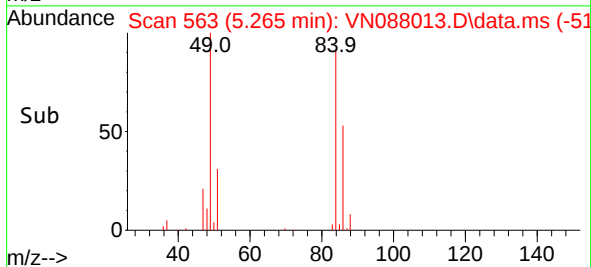
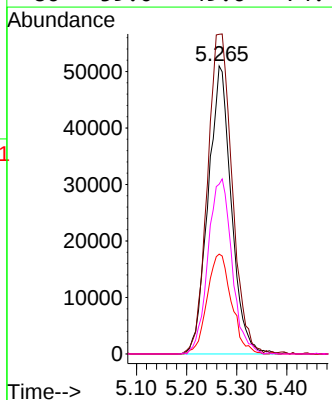
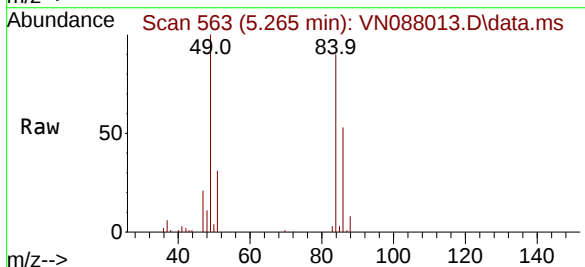
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

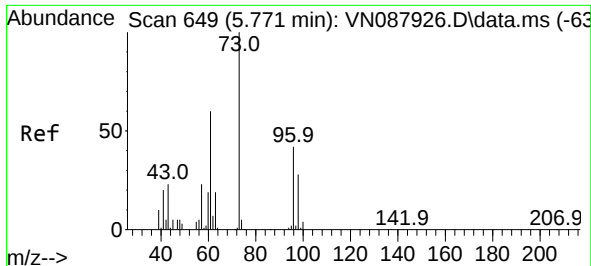
Tgt Ion: 73 Resp: 494136
Ion Ratio Lower Upper
73 100
57 20.6 16.3 24.5



#20
Methylene Chloride
Concen: 55.203 ug/l
RT: 5.265 min Scan# 563
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 84 Resp: 163946
Ion Ratio Lower Upper
84 100
49 111.0 92.1 138.1
51 34.7 27.7 41.5
86 59.0 49.6 74.4

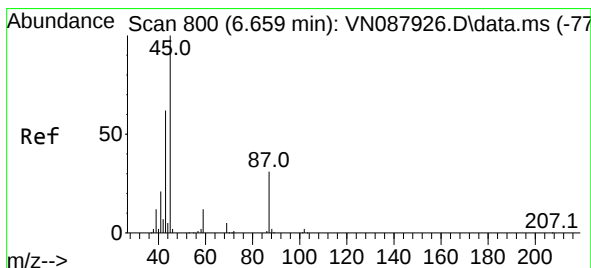
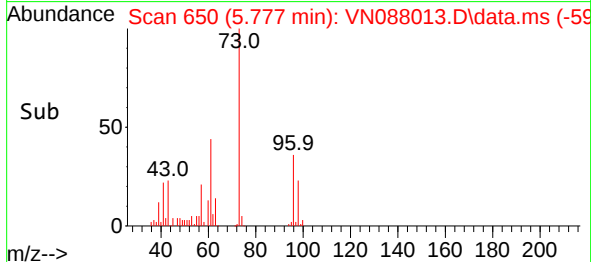
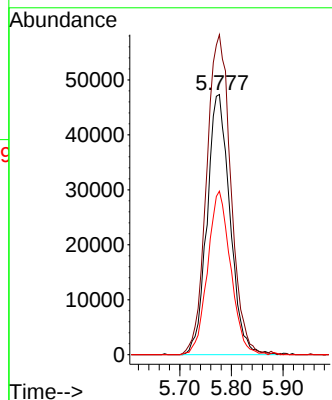
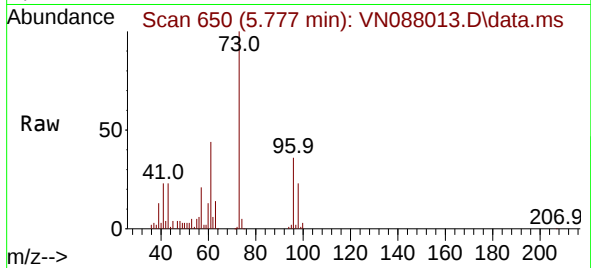




#21
trans-1,2-Dichloroethene
Concen: 53.418 ug/l
RT: 5.777 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

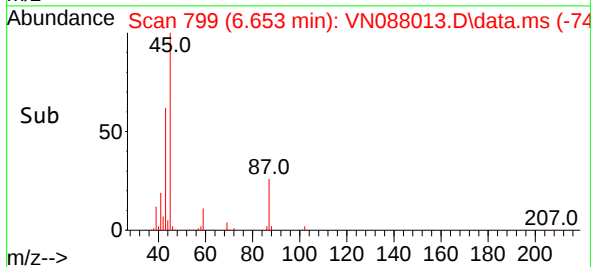
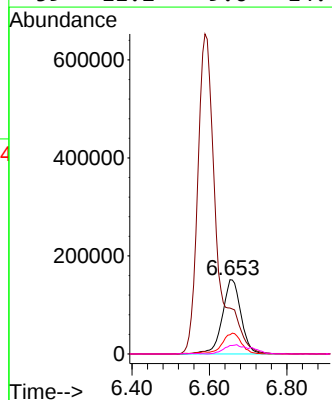
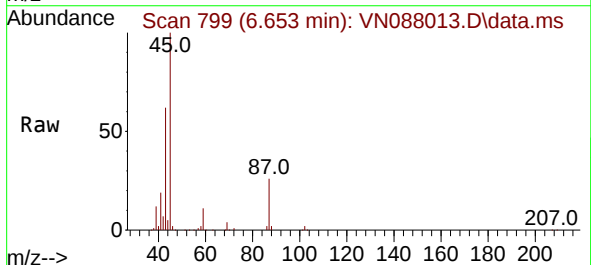
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 145759
Ion Ratio Lower Upper
96 100
61 123.0 114.4 171.6
98 62.9 53.6 80.4



#22
Diisopropyl ether
Concen: 59.764 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 45 Resp: 505565
Ion Ratio Lower Upper
45 100
43 61.6 49.9 74.9
87 25.9 25.2 37.8
59 11.2 9.6 14.4

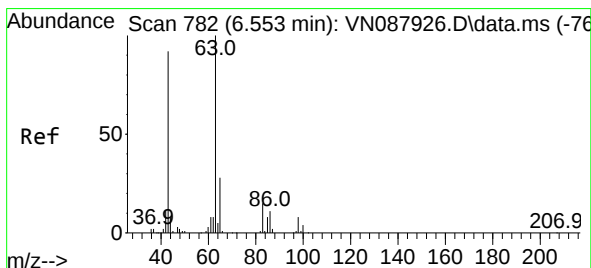
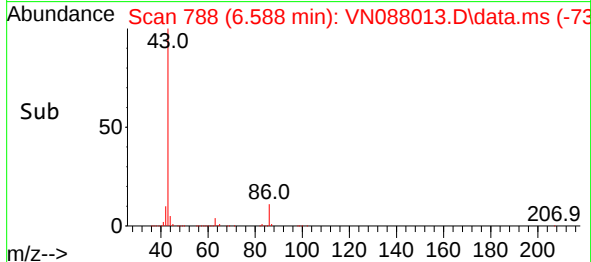
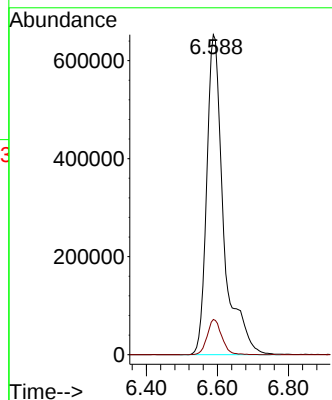
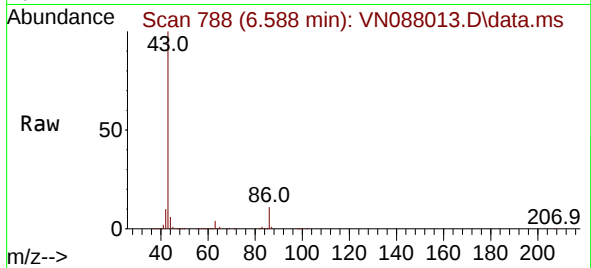




#23
 Vinyl Acetate
 Concen: 303.155 ug/l
 RT: 6.588 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VN088013.D
 Acq: 03 Oct 2025 10:17

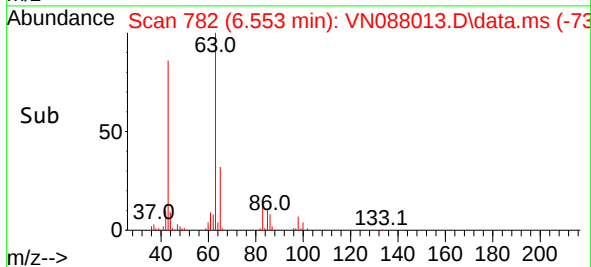
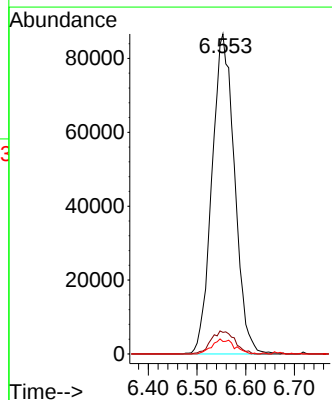
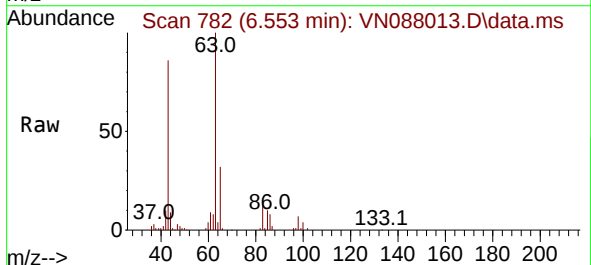
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2159268
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 56.439 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. -0.000 min
 Lab File: VN088013.D
 Acq: 03 Oct 2025 10:17

Tgt Ion: 63 Resp: 278930
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.5
 100 3.9 2.1 6.5

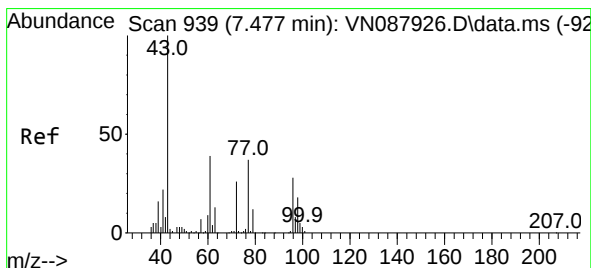
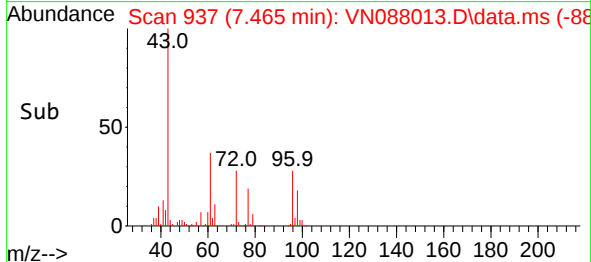
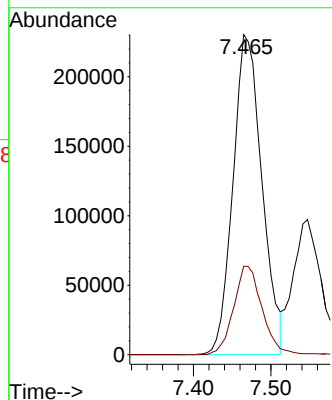
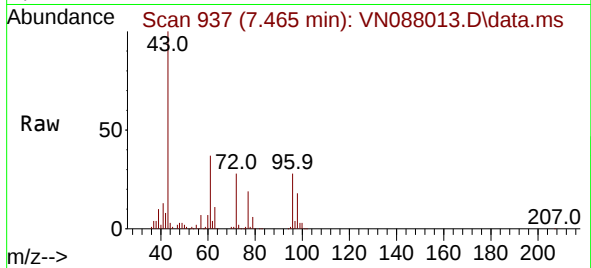




#25
2-Butanone
Concen: 267.143 ug/l
RT: 7.465 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

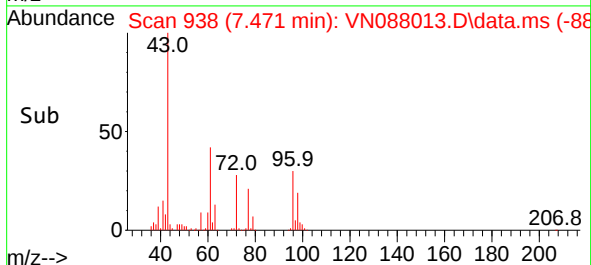
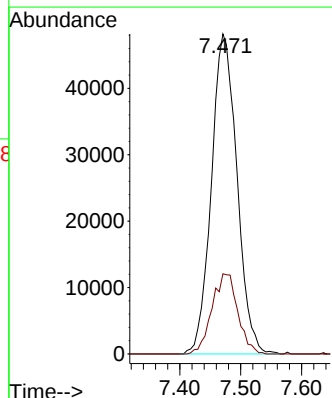
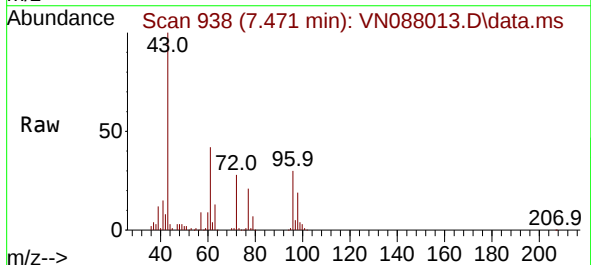
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 599104
Ion Ratio Lower Upper
43 100
72 27.6 21.5 32.3



#26
2,2-Dichloropropane
Concen: 32.031 ug/l
RT: 7.471 min Scan# 938
Delta R.T. -0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 77 Resp: 140646
Ion Ratio Lower Upper
77 100
97 25.3 11.5 34.5

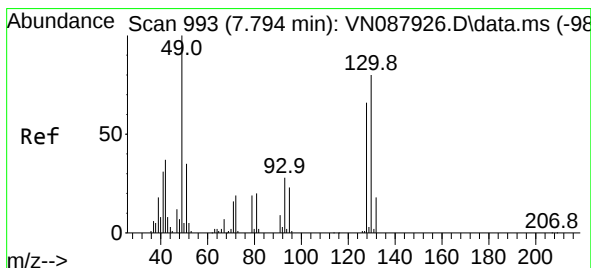
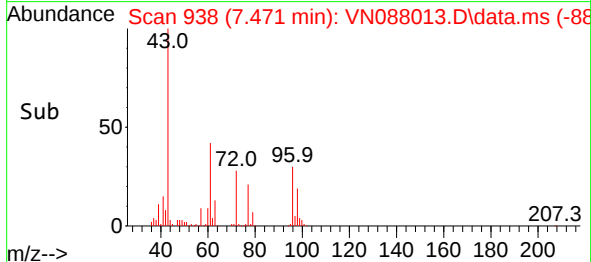
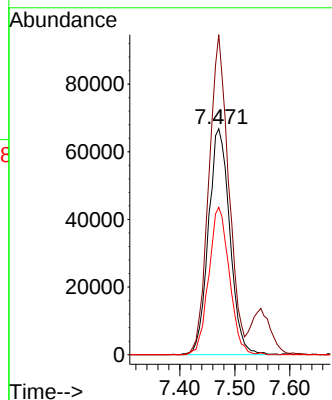
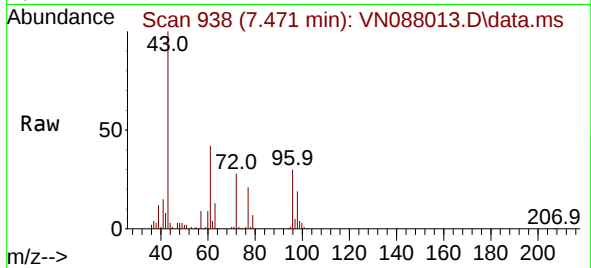




#27
 cis-1,2-Dichloroethene
 Concen: 55.591 ug/l
 RT: 7.471 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN088013.D
 Acq: 03 Oct 2025 10:17

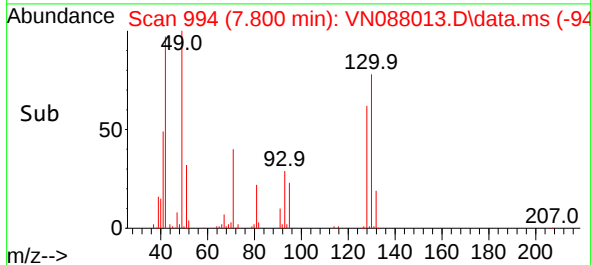
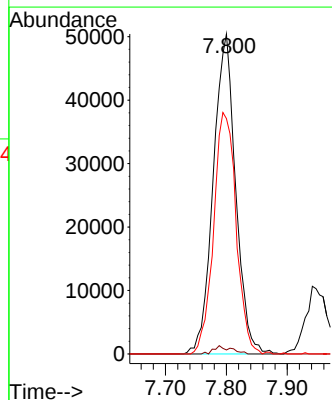
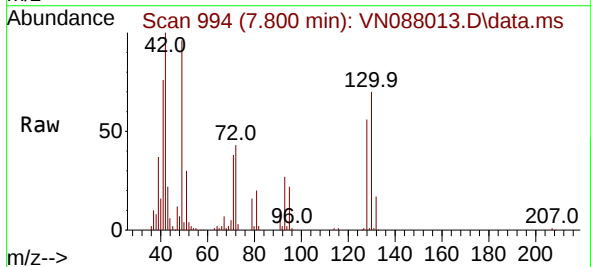
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

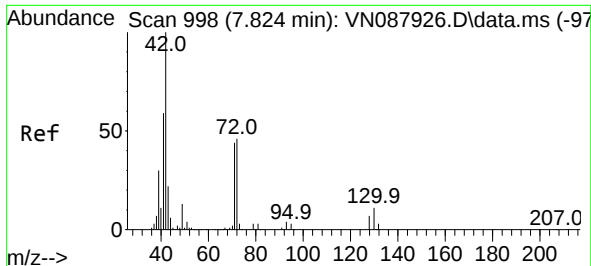
Tgt Ion: 96 Resp: 180488
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 283.0
 98 62.6 0.0 127.6



#28
 Bromochloromethane
 Concen: 48.057 ug/l
 RT: 7.800 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VN088013.D
 Acq: 03 Oct 2025 10:17

Tgt Ion: 49 Resp: 129042
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 5.4
 130 75.8 62.6 94.0





#29

Tetrahydrofuran

Concen: 281.618 ug/l

RT: 7.824 min Scan# 998

Delta R.T. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

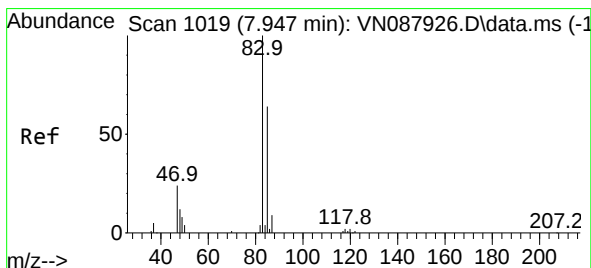
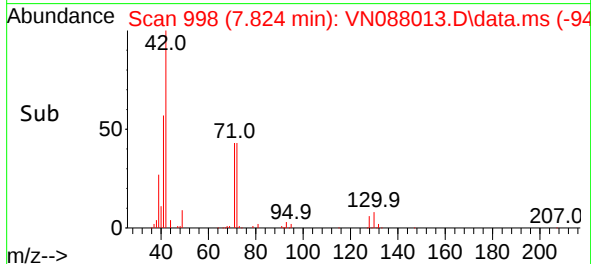
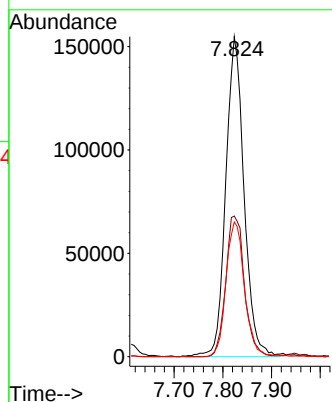
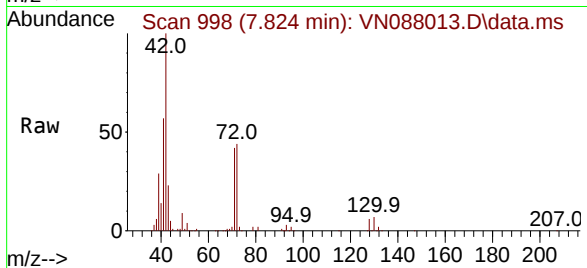
Tgt Ion: 42 Resp: 404402

Ion Ratio Lower Upper

42 100

72 44.9 36.5 54.7

71 42.6 33.8 50.8



#30

Chloroform

Concen: 57.299 ug/l

RT: 7.947 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VN088013.D

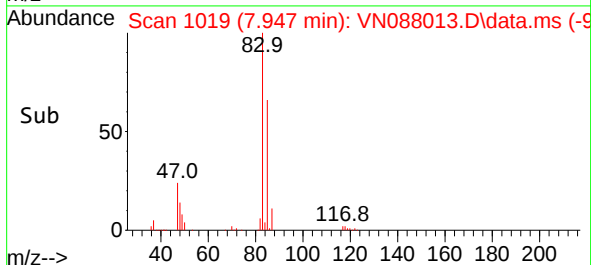
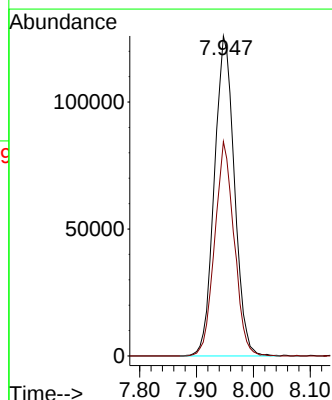
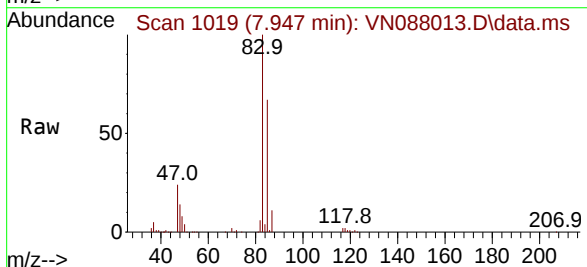
Acq: 03 Oct 2025 10:17

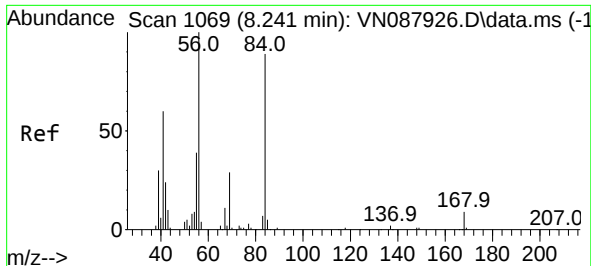
Tgt Ion: 83 Resp: 309633

Ion Ratio Lower Upper

83 100

85 67.0 50.9 76.3

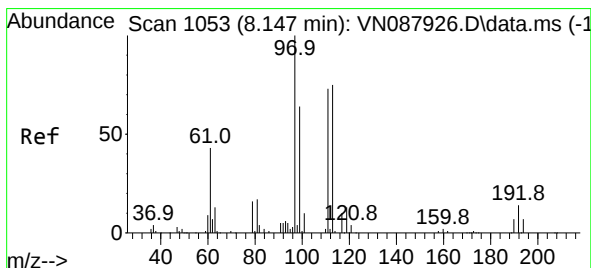
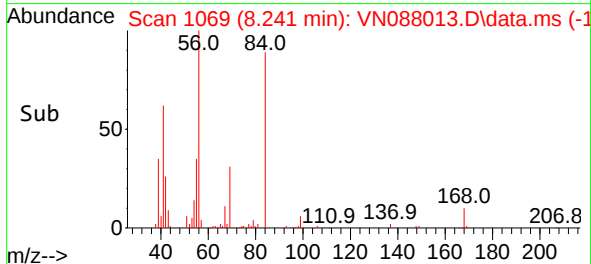
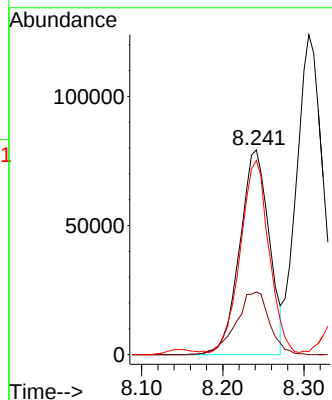
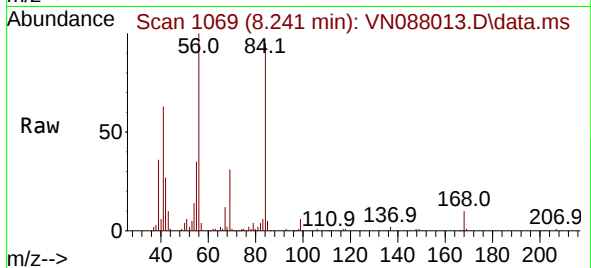




#31
Cyclohexane
Concen: 49.875 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

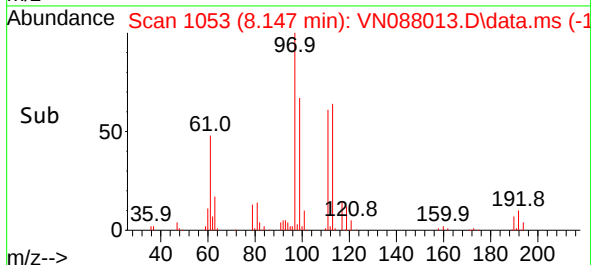
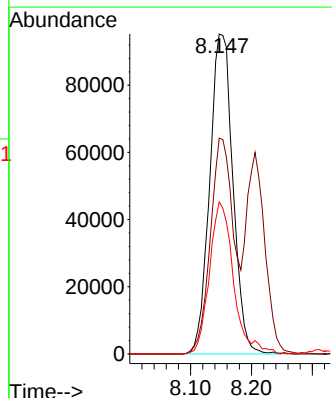
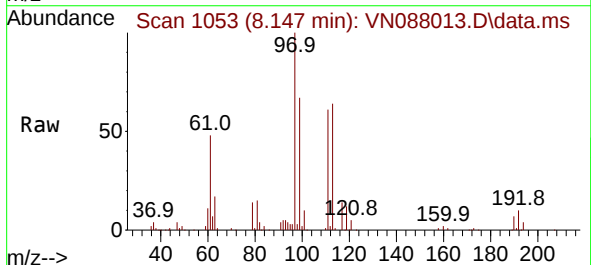
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

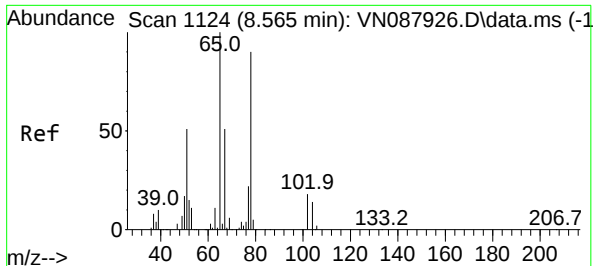
Tgt Ion: 56 Resp: 199447
Ion Ratio Lower Upper
56 100
69 30.6 23.4 35.0
84 92.4 70.8 106.2



#32
1,1,1-Trichloroethane
Concen: 55.224 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 97 Resp: 252160
Ion Ratio Lower Upper
97 100
99 67.5 51.1 76.7
61 49.3 38.6 58.0

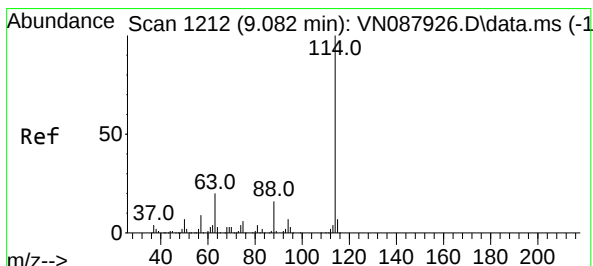
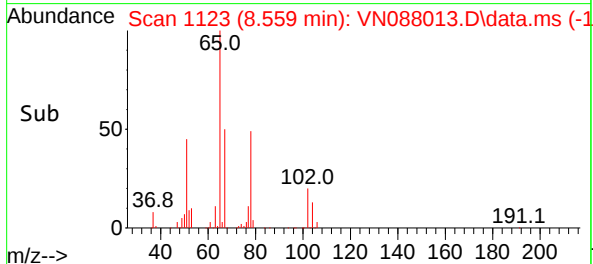
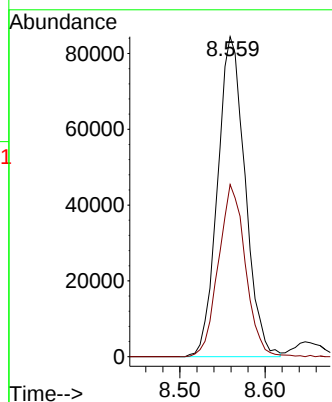
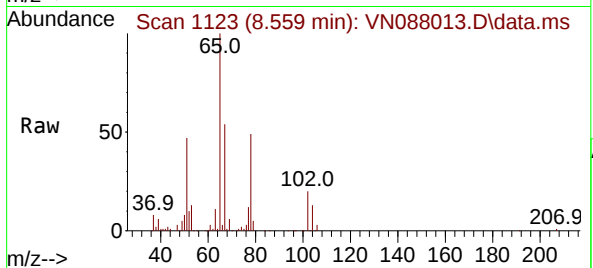




#33
1,2-Dichloroethane-d4
Concen: 53.155 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

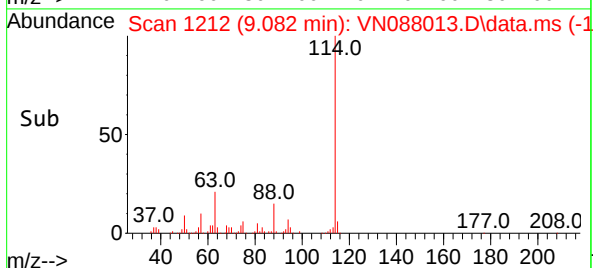
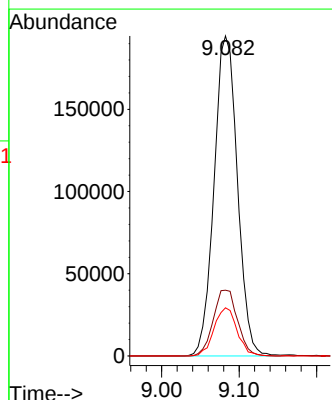
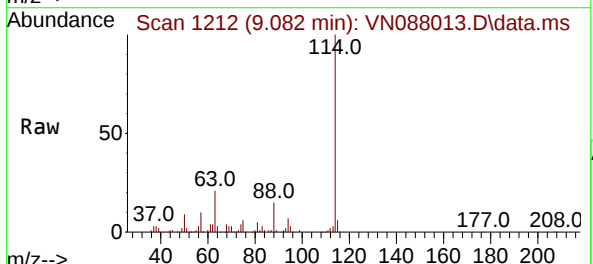
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 189558
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 114 Resp: 407793
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.0
88 15.1 0.0 31.8

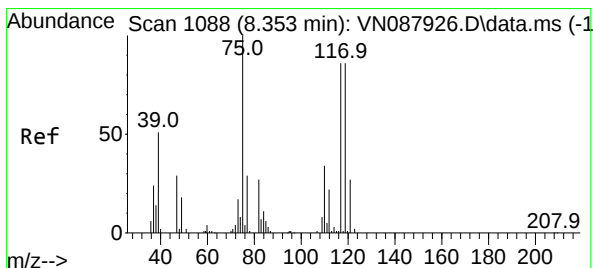
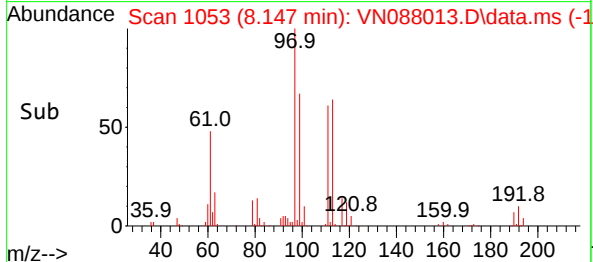
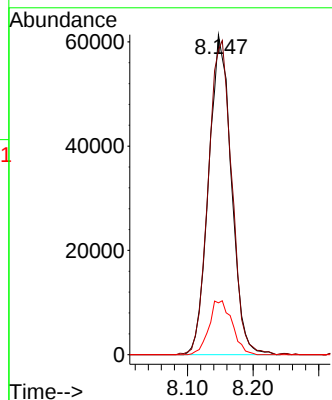
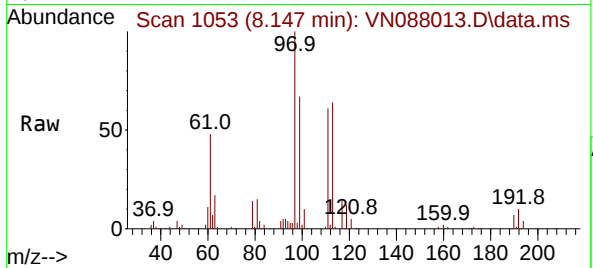




#35
Dibromofluoromethane
Concen: 49.840 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

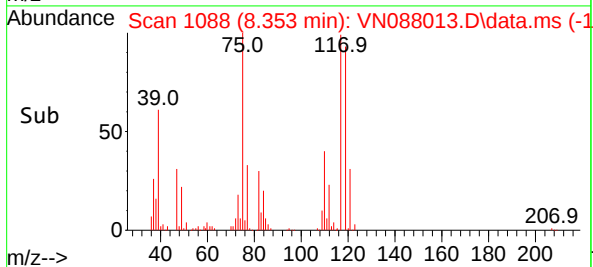
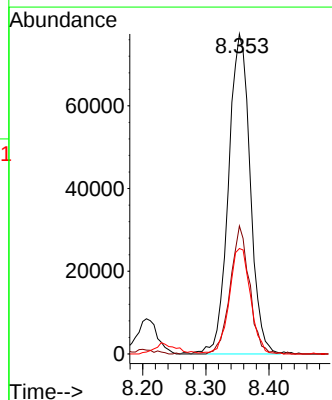
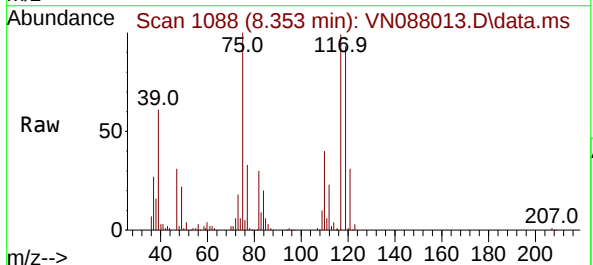
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

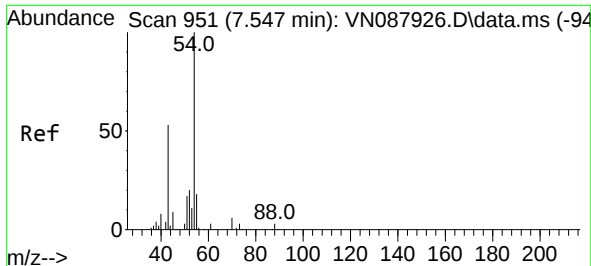
Tgt Ion:113 Resp: 147566
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 17.2 14.2 21.2



#36
1,1-Dichloropropene
Concen: 51.838 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 75 Resp: 184552
Ion Ratio Lower Upper
75 100
110 35.4 17.1 51.3
77 32.5 24.8 37.2

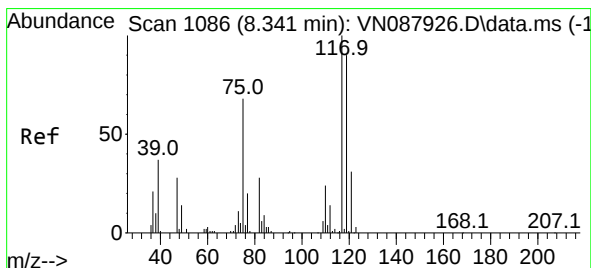
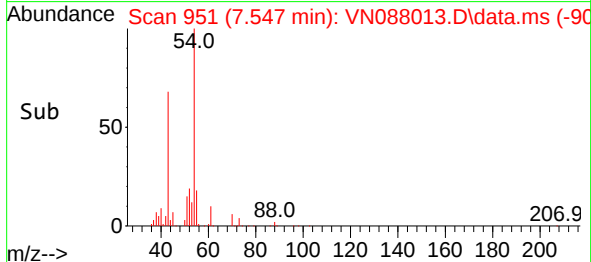
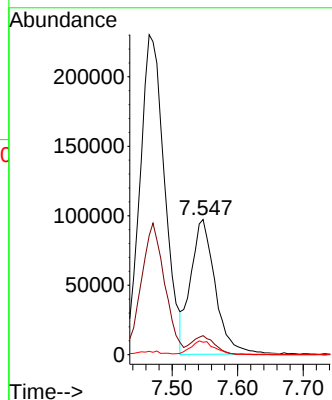
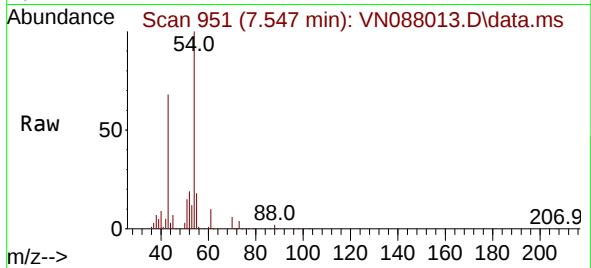




#37
Ethyl Acetate
Concen: 54.045 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

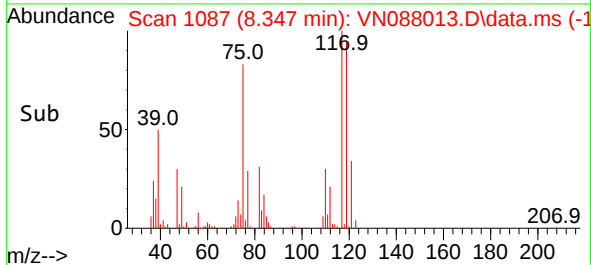
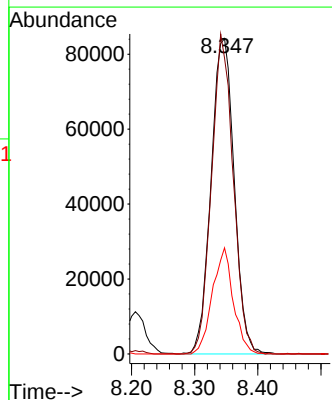
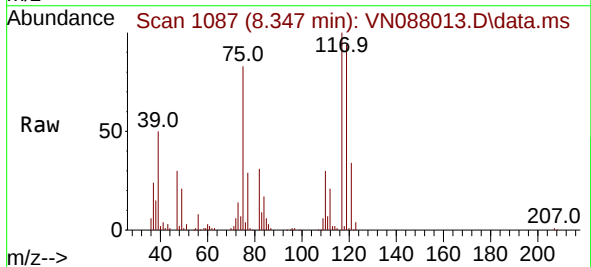
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 252668
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 52.458 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 117 Resp: 214305
Ion Ratio Lower Upper
117 100
119 93.9 72.1 108.1
121 33.6 24.6 36.8





#39

Methylcyclohexane

Concen: 47.480 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

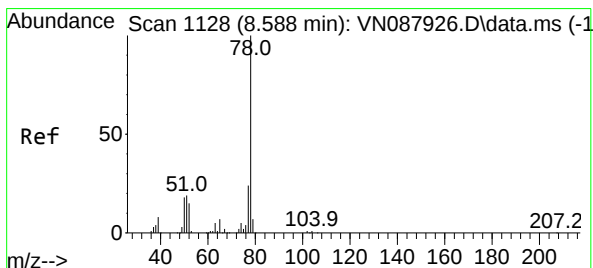
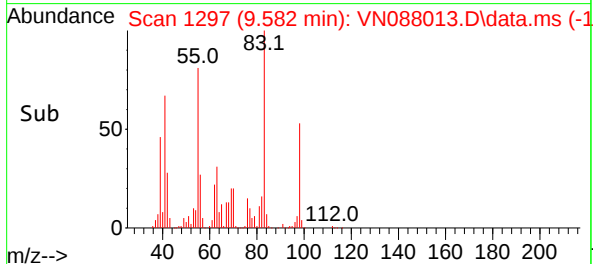
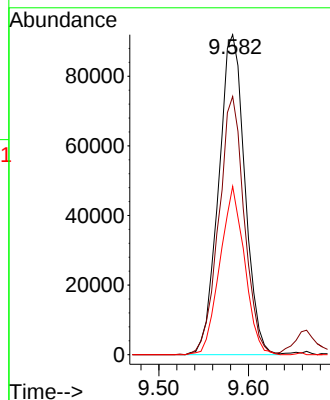
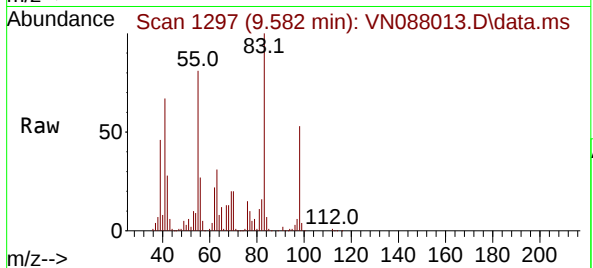
Tgt Ion: 83 Resp: 186475

Ion Ratio Lower Upper

83 100

55 80.5 59.9 89.9

98 52.6 37.4 56.2



#40

Benzene

Concen: 53.533 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088013.D

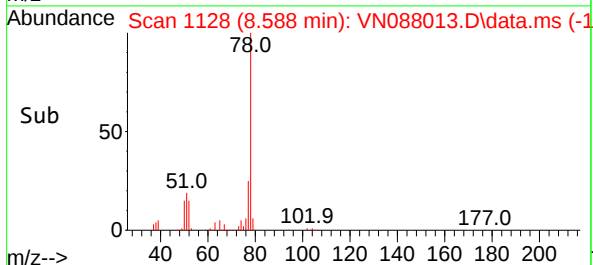
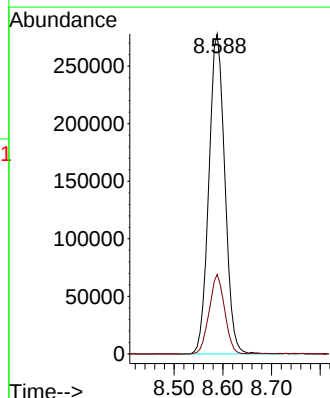
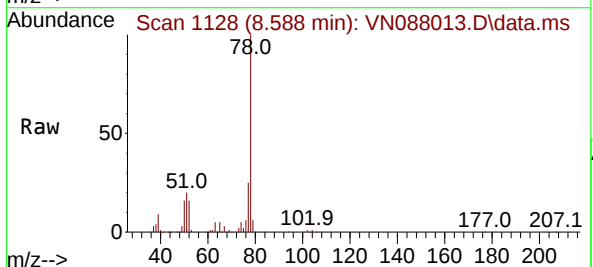
Acq: 03 Oct 2025 10:17

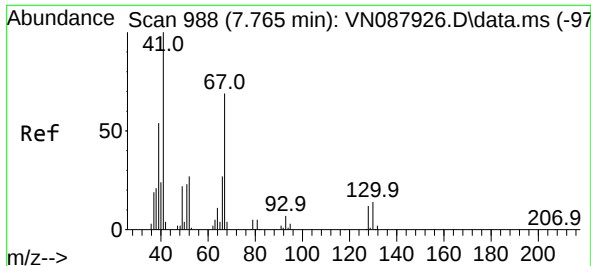
Tgt Ion: 78 Resp: 631046

Ion Ratio Lower Upper

78 100

77 24.9 19.0 28.6

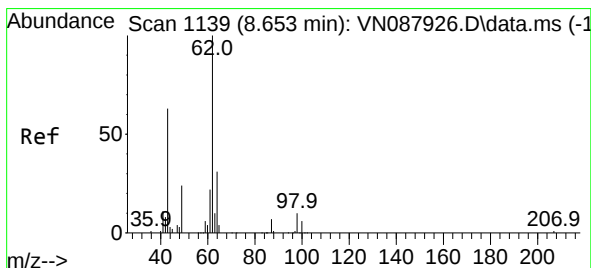
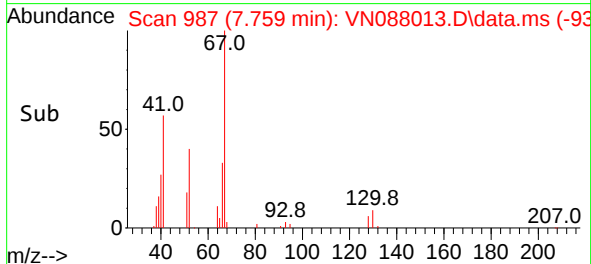
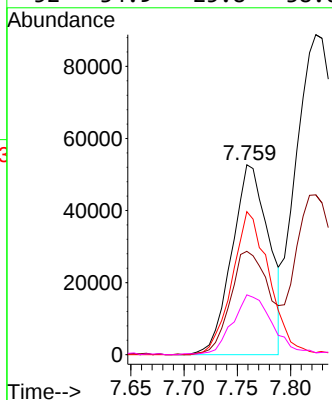
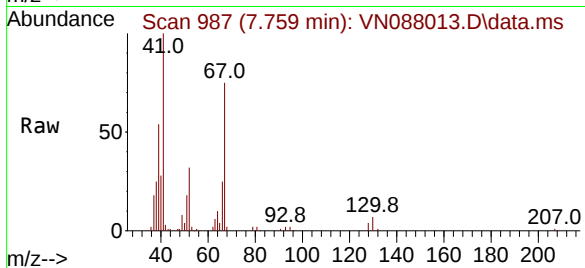




#41
Methacrylonitrile
Concen: 52.700 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

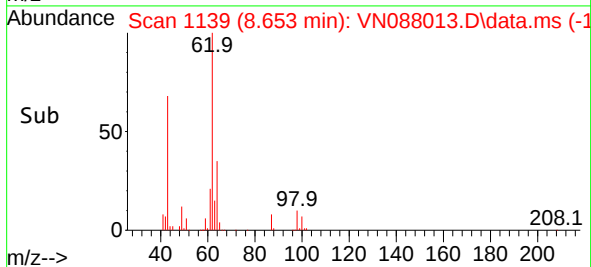
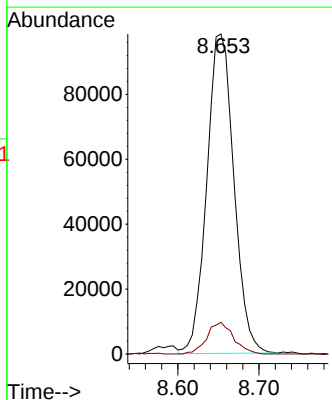
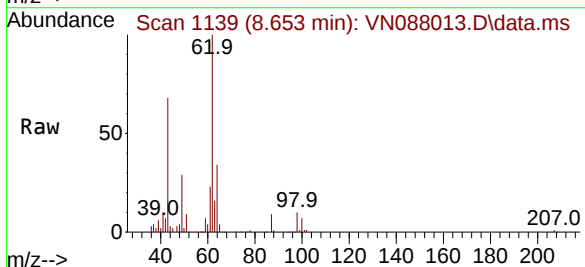
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

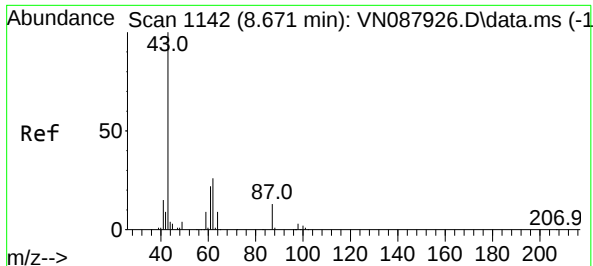
Tgt Ion:	41	Resp:	127328
Ion	Ratio	Lower	Upper
41	100		
39	56.6	43.5	65.3
67	76.0	57.6	86.4
52	34.9	25.8	38.6



#42
1,2-Dichloroethane
Concen: 52.013 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion:	62	Resp:	228809
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	18.6

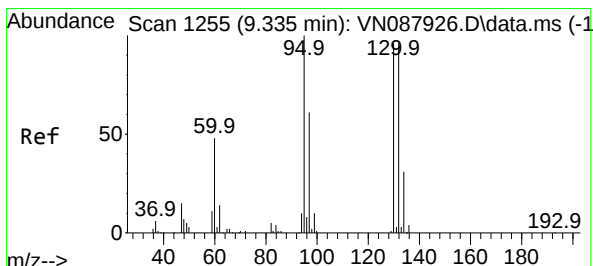
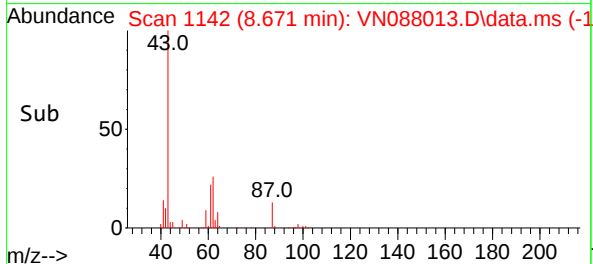
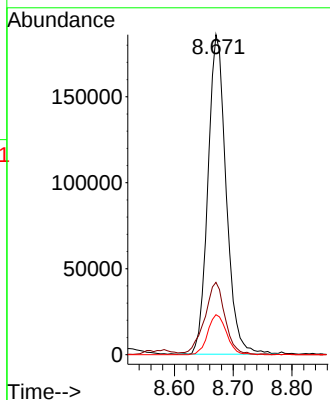
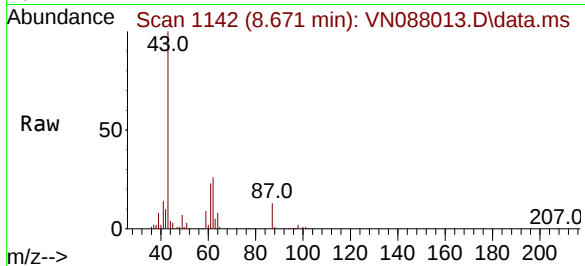




#43
Isopropyl Acetate
Concen: 54.310 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

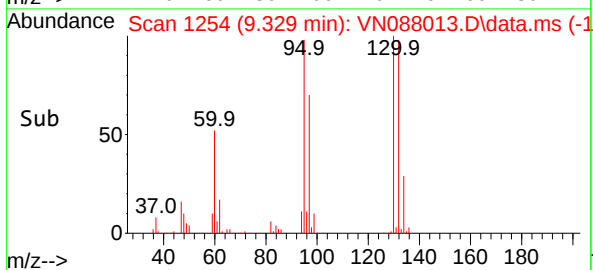
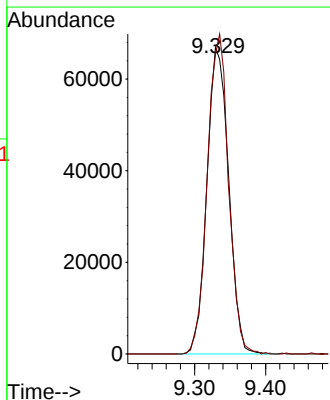
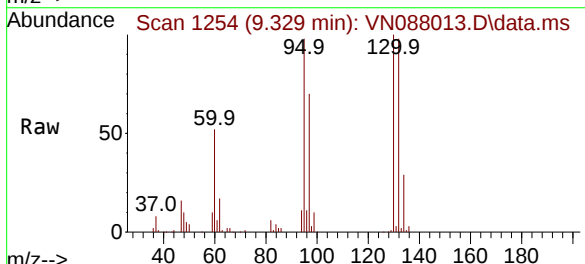
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

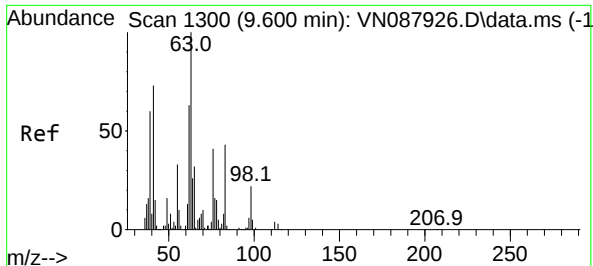
Tgt Ion: 43 Resp: 399665
Ion Ratio Lower Upper
43 100
61 25.2 20.2 30.2
87 12.9 10.9 16.3



#44
Trichloroethene
Concen: 50.528 ug/l
RT: 9.329 min Scan# 1254
Delta R.T. -0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion:130 Resp: 142273
Ion Ratio Lower Upper
130 100
95 97.6 0.0 208.0





#45

1,2-Dichloropropane

Concen: 54.312 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

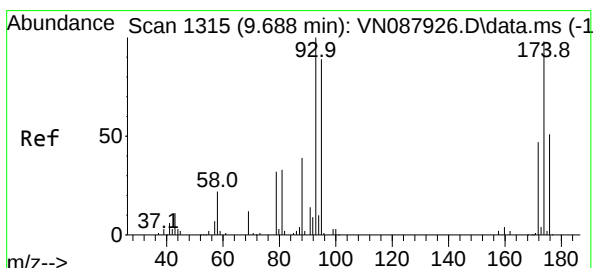
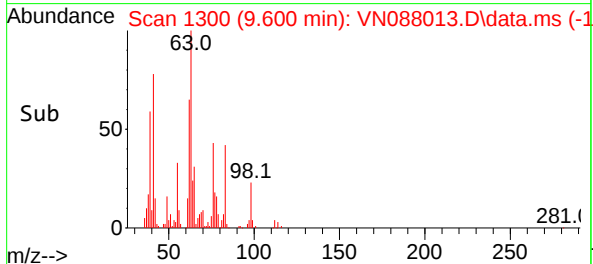
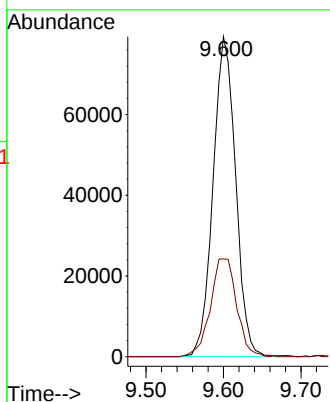
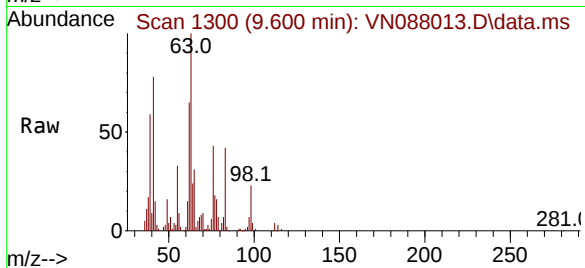
VSTDCCC050

Tgt Ion: 63 Resp: 160540

Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.0



#46

Dibromomethane

Concen: 55.256 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

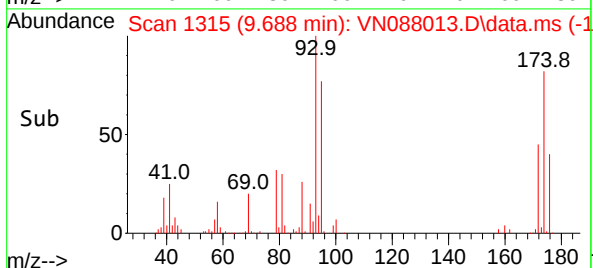
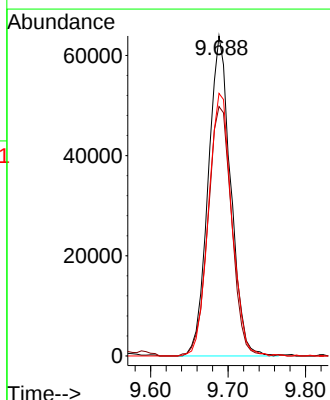
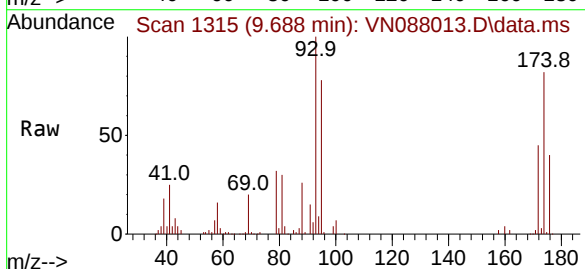
Tgt Ion: 93 Resp: 128880

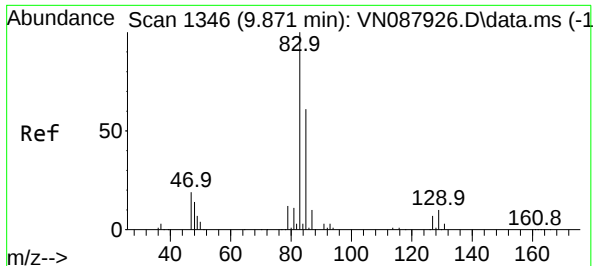
Ion Ratio Lower Upper

93 100

95 81.6 67.6 101.4

174 84.7 75.4 113.0

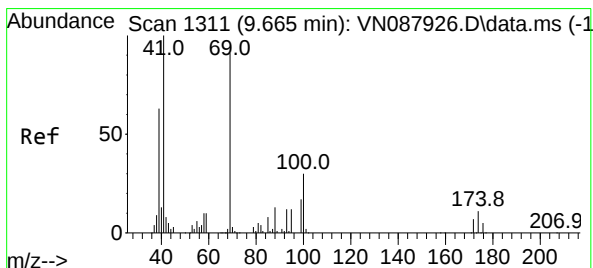
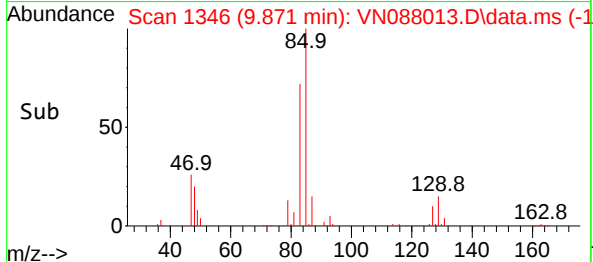
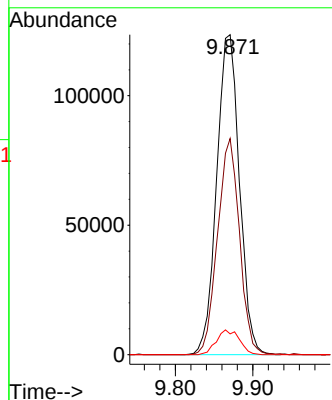
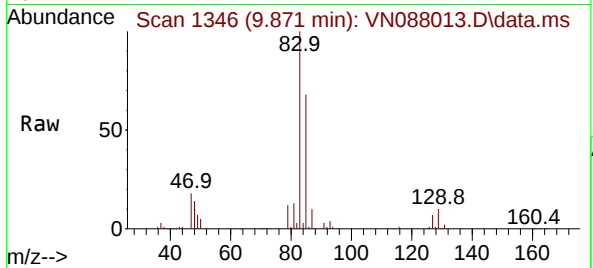




#47
Bromodichloromethane
Concen: 55.172 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

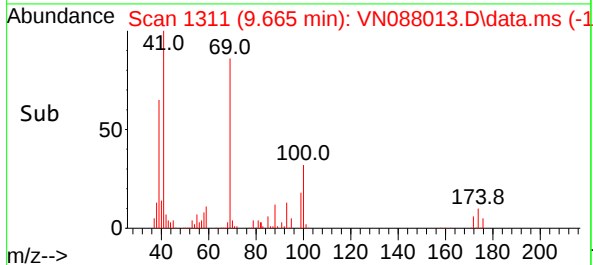
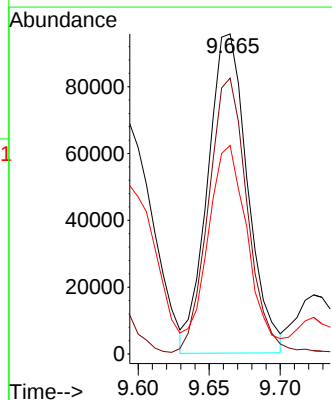
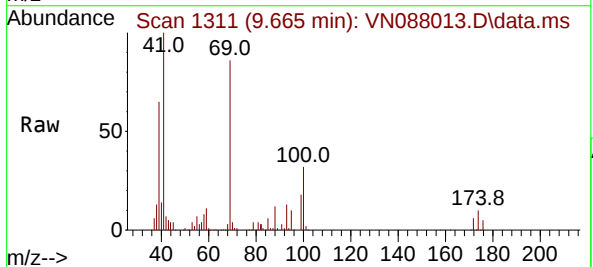
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

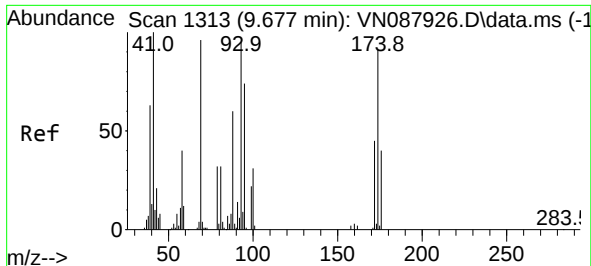
Tgt Ion: 83 Resp: 252397
Ion Ratio Lower Upper
83 100
85 67.5 49.1 73.7
127 6.5 5.9 8.9



#48
Methyl methacrylate
Concen: 55.005 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 41 Resp: 187451
Ion Ratio Lower Upper
41 100
69 84.5 70.9 106.3
39 64.8 52.9 79.3





#49

1,4-Dioxane

Concen: 904.603 ug/l

RT: 9.682 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

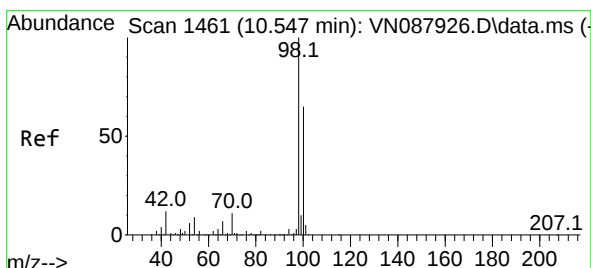
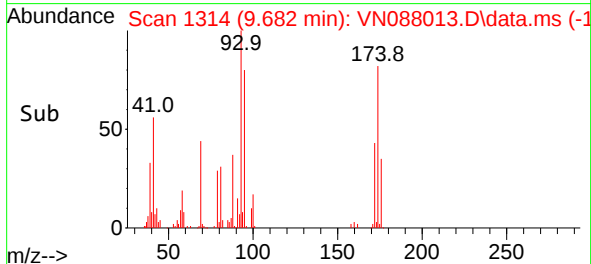
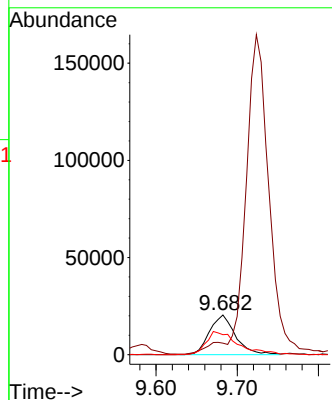
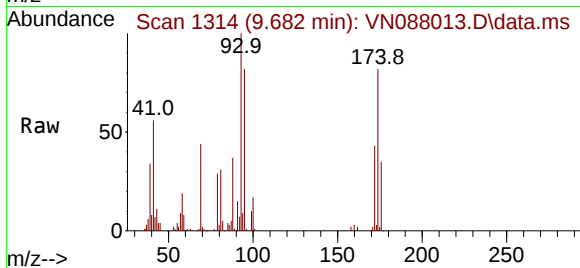
Tgt Ion: 88 Resp: 45542

Ion Ratio Lower Upper

88 100

43 0.0 22.6 33.8#

58 72.5 57.4 86.2



#50

Toluene-d8

Concen: 49.548 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088013.D

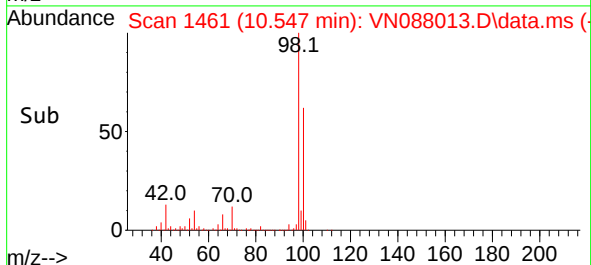
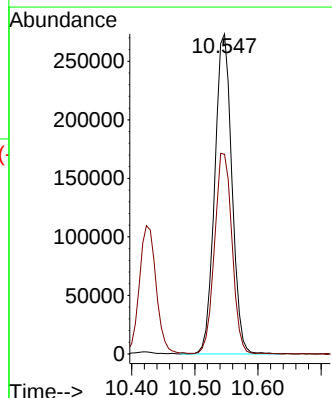
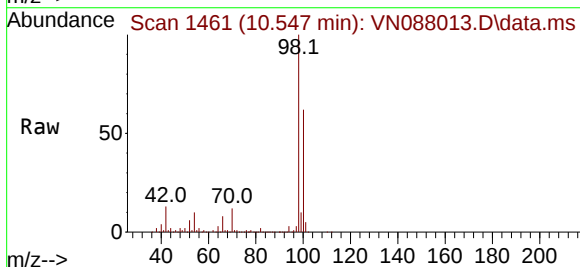
Acq: 03 Oct 2025 10:17

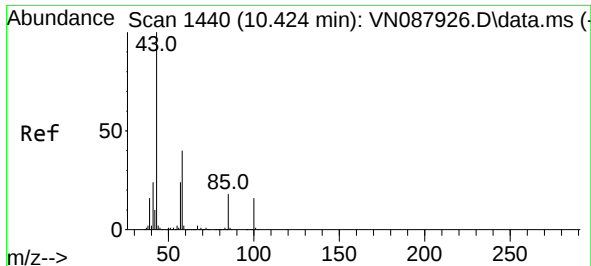
Tgt Ion: 98 Resp: 515889

Ion Ratio Lower Upper

98 100

100 63.9 51.7 77.5

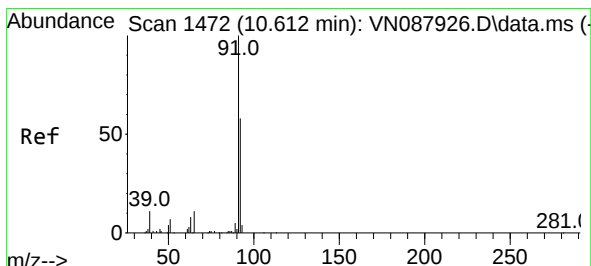
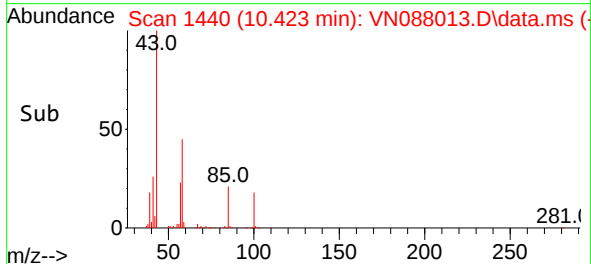
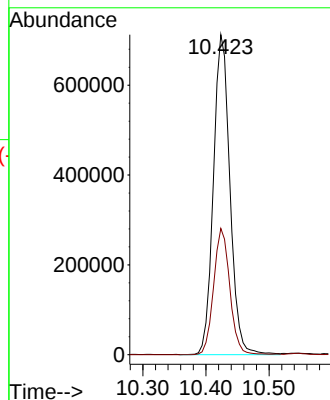
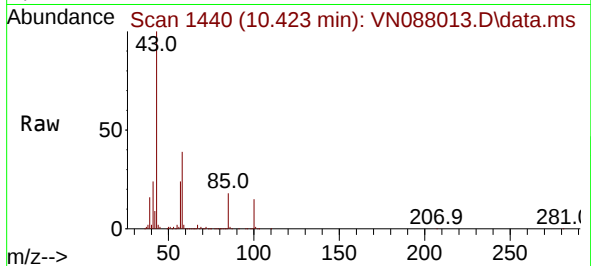




#51
4-Methyl-2-Pentanone
Concen: 282.622 ug/l
RT: 10.423 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

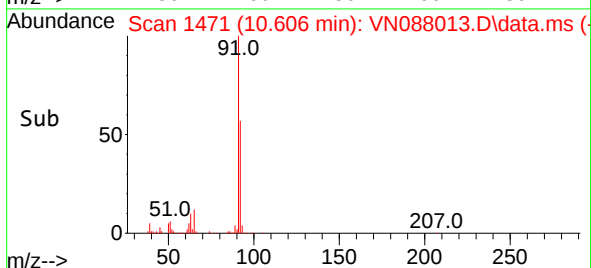
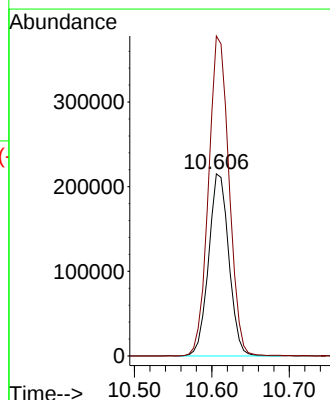
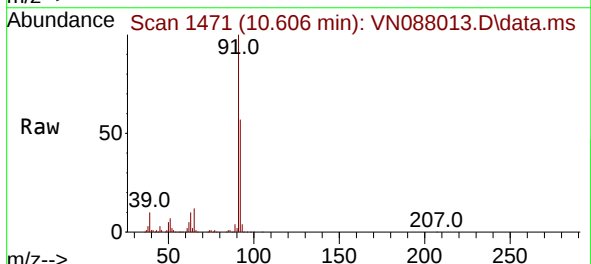
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

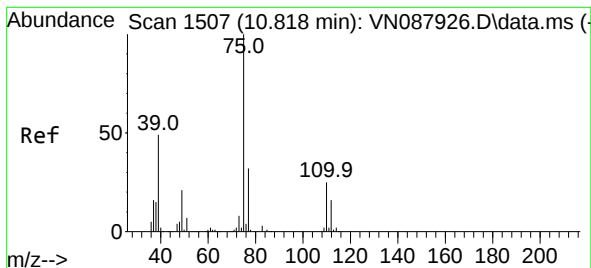
Tgt Ion: 43 Resp: 1297788
Ion Ratio Lower Upper
43 100
58 38.5 31.0 46.6



#52
Toluene
Concen: 52.688 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 92 Resp: 389751
Ion Ratio Lower Upper
92 100
91 178.6 138.2 207.2

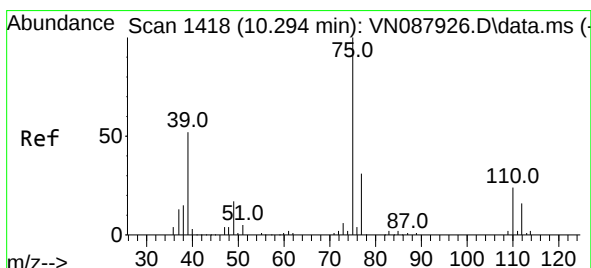
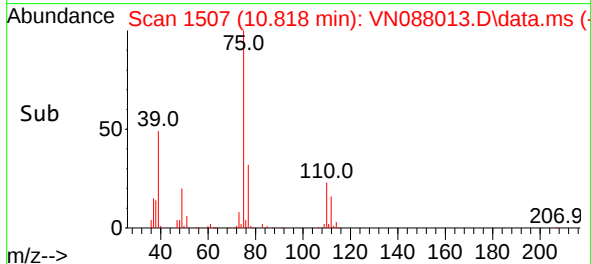
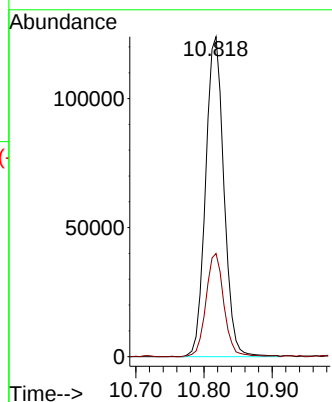
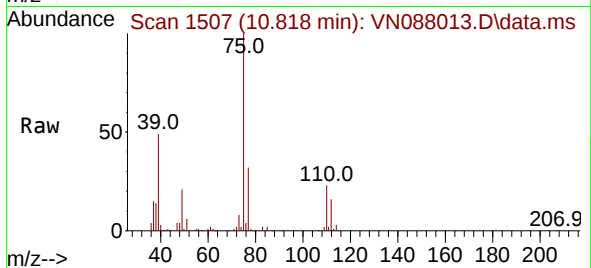




#53
t-1,3-Dichloropropene
Concen: 49.522 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

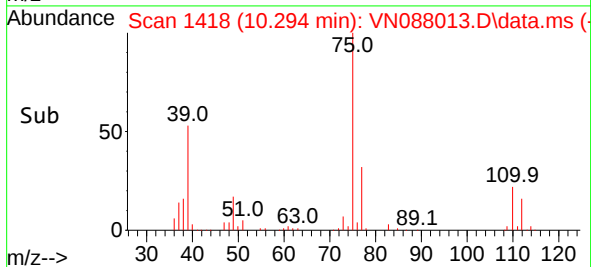
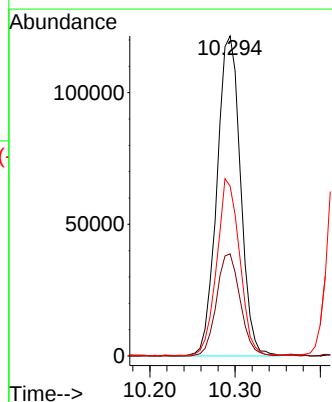
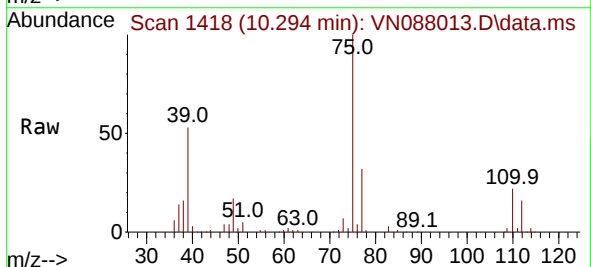
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

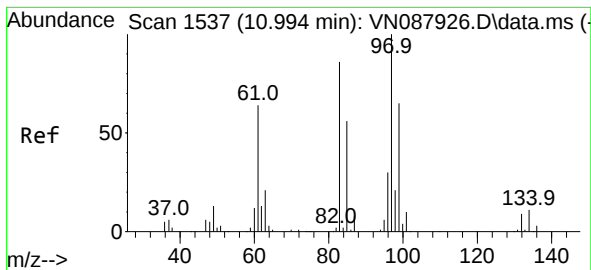
Tgt Ion: 75 Resp: 231861
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 48.009 ug/l
RT: 10.294 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 75 Resp: 233459
Ion Ratio Lower Upper
75 100
77 31.9 24.7 37.1
39 52.8 41.4 62.0





#55

1,1,2-Trichloroethane

Concen: 54.906 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 165143

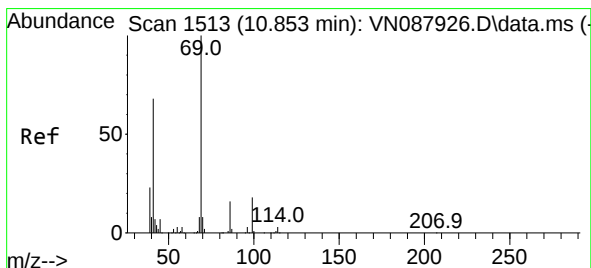
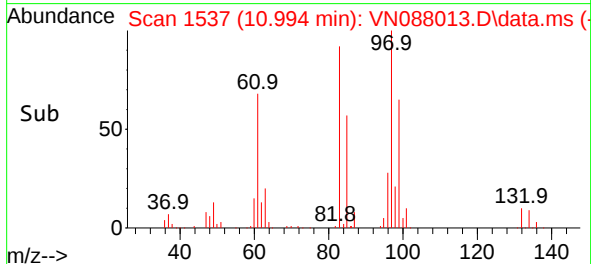
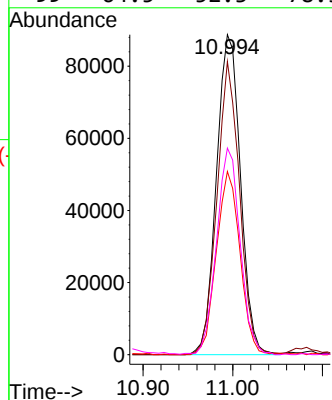
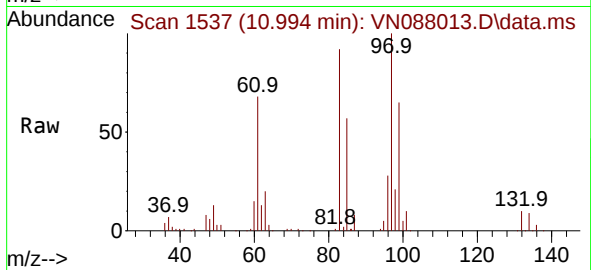
Ion Ratio Lower Upper

97 100

83 91.6 69.0 103.4

85 57.2 44.4 66.6

99 64.5 52.3 78.5



#56

Ethyl methacrylate

Concen: 57.638 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

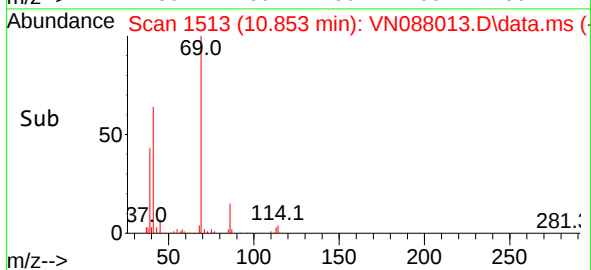
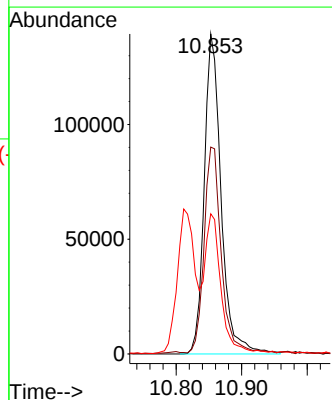
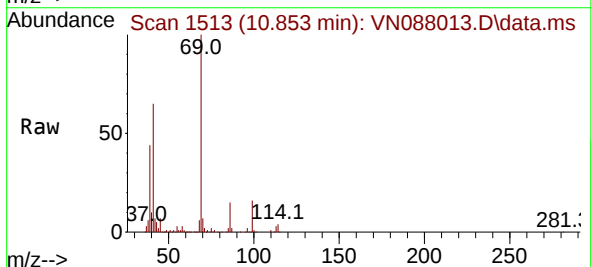
Tgt Ion: 69 Resp: 250497

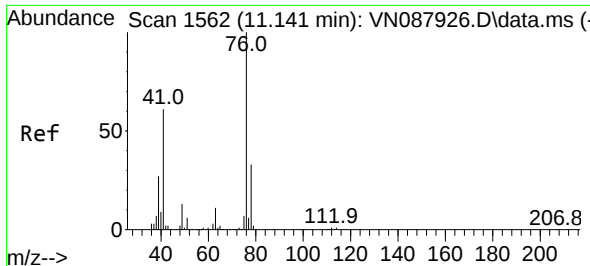
Ion Ratio Lower Upper

69 100

41 65.0 53.8 80.6

39 41.2 34.7 52.1





#57

1,3-Dichloropropane

Concen: 54.717 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

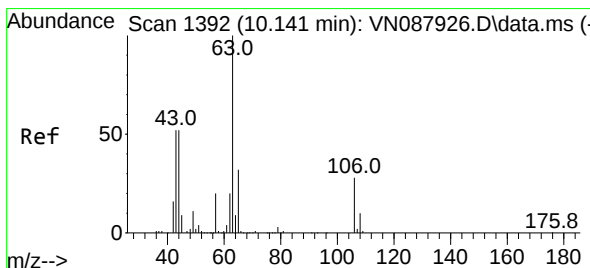
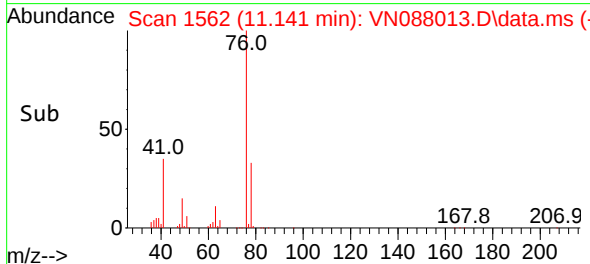
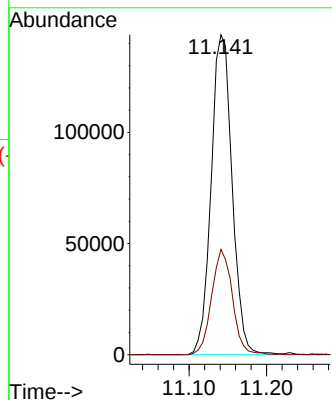
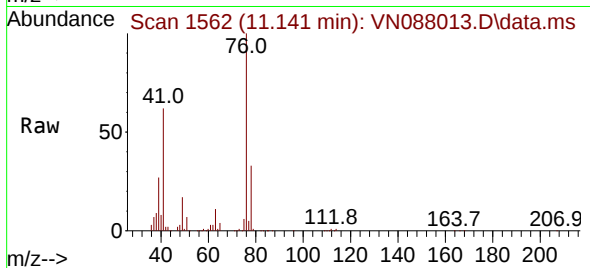
VSTDCCC050

Tgt Ion: 76 Resp: 270690

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 355.558 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088013.D

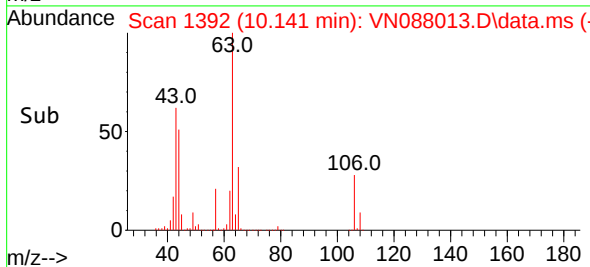
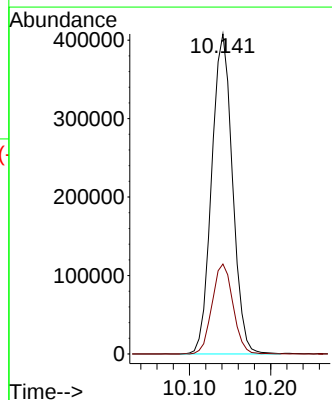
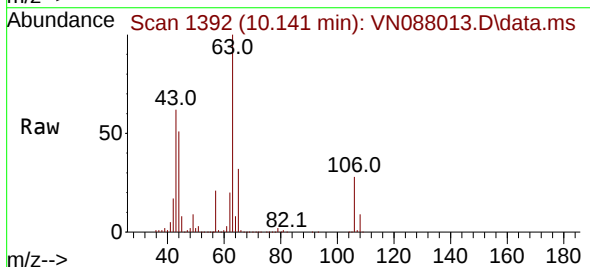
Acq: 03 Oct 2025 10:17

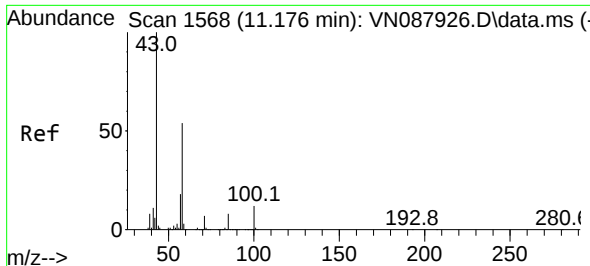
Tgt Ion: 63 Resp: 726559

Ion Ratio Lower Upper

63 100

106 28.3 22.6 33.8

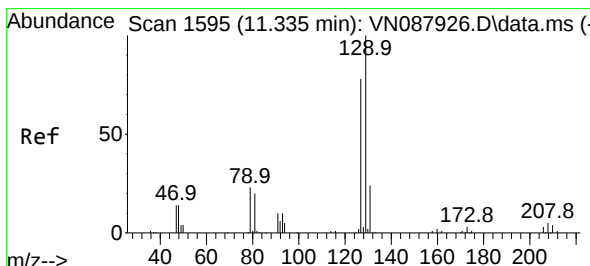
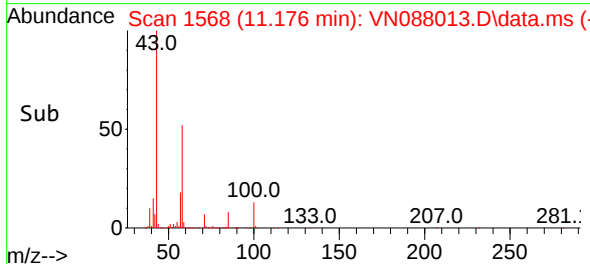
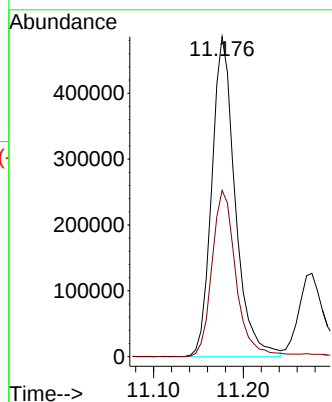
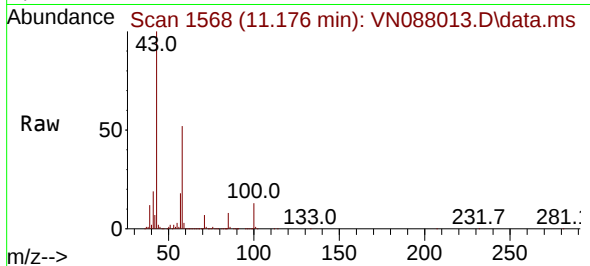




#59
2-Hexanone
Concen: 289.453 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

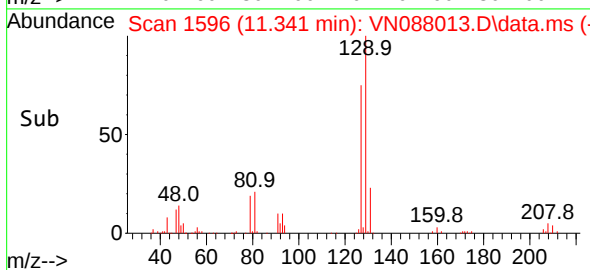
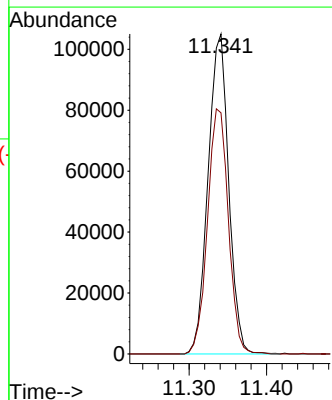
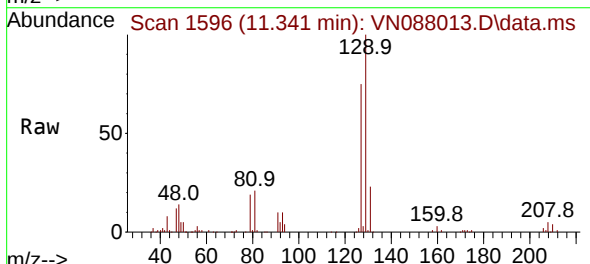
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

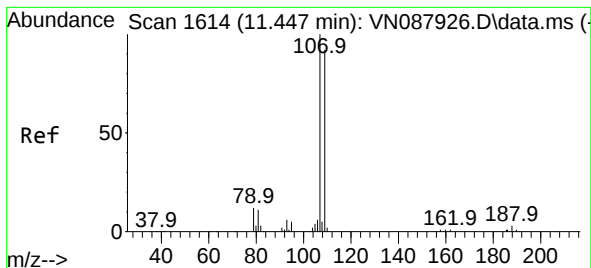
Tgt Ion: 43 Resp: 878869
Ion Ratio Lower Upper
43 100
58 53.4 26.4 79.2



#60
Dibromochloromethane
Concen: 54.865 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion:129 Resp: 194024
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.9

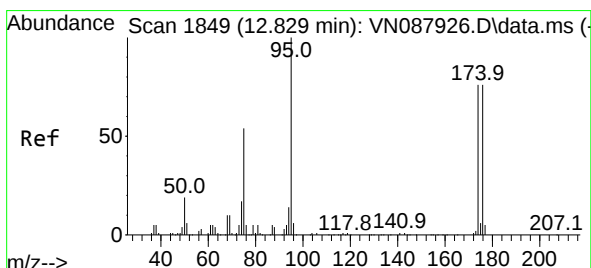
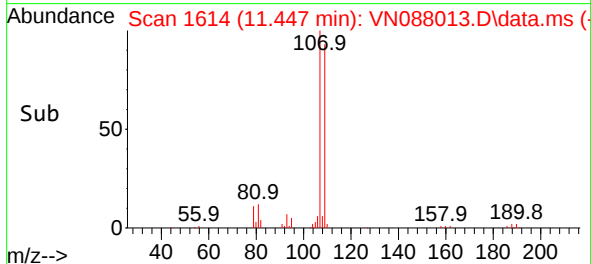
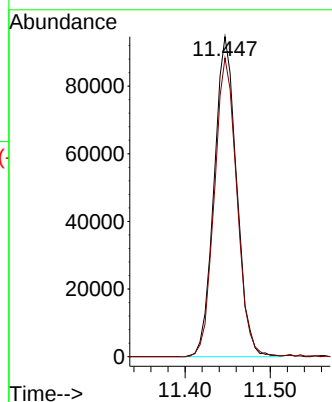
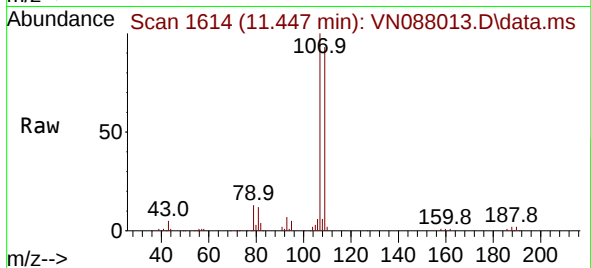




#61
1,2-Dibromoethane
Concen: 54.463 ug/l
RT: 11.447 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

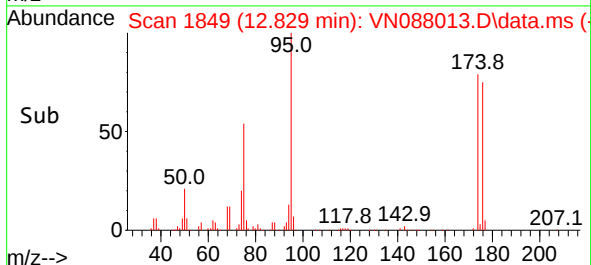
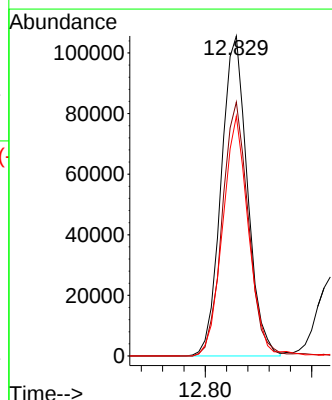
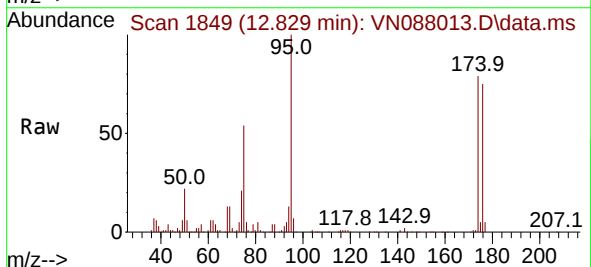
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

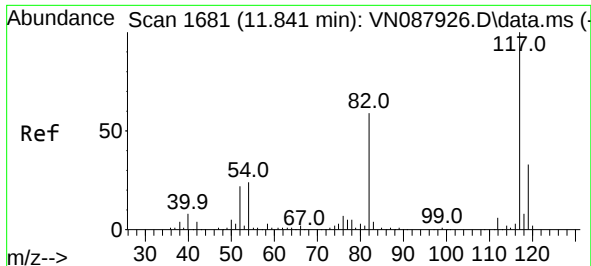
Tgt Ion:107 Resp: 173418
Ion Ratio Lower Upper
107 100
109 93.3 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 48.498 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 95 Resp: 180495
Ion Ratio Lower Upper
95 100
174 79.0 0.0 159.2
176 74.4 0.0 152.6

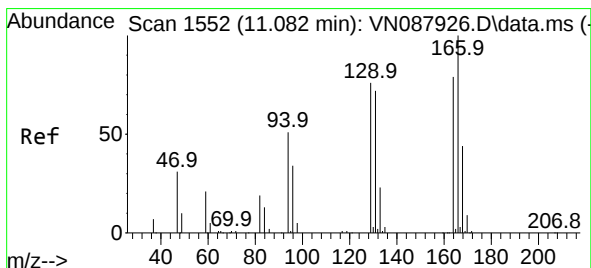
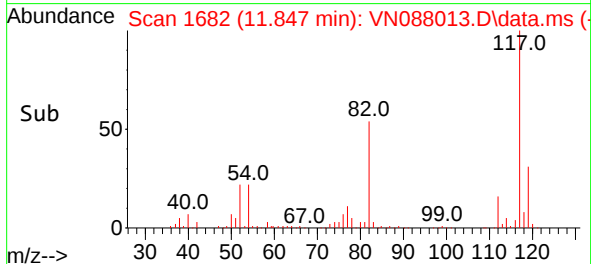
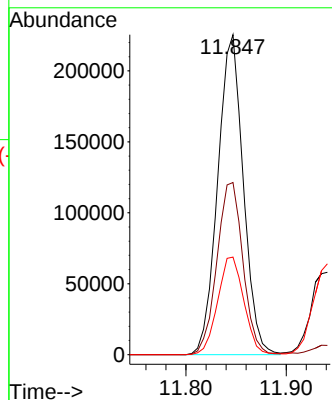
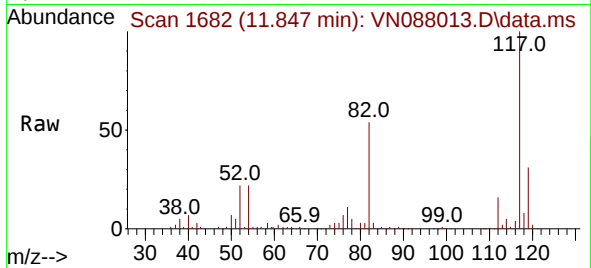




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

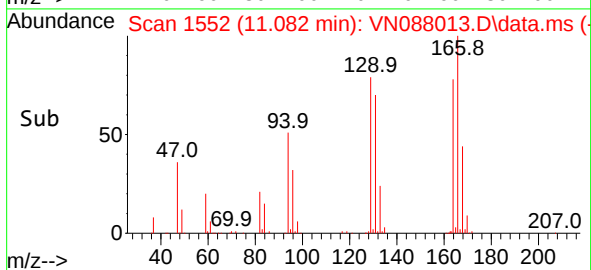
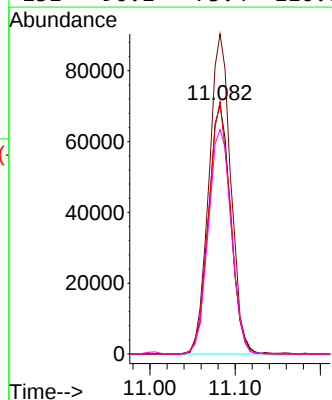
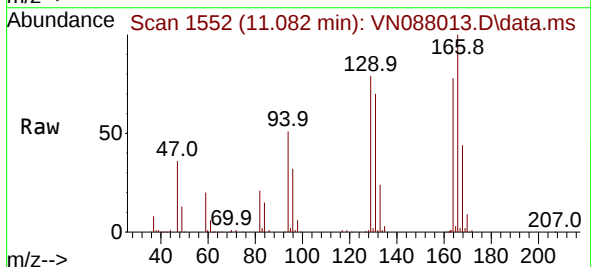
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

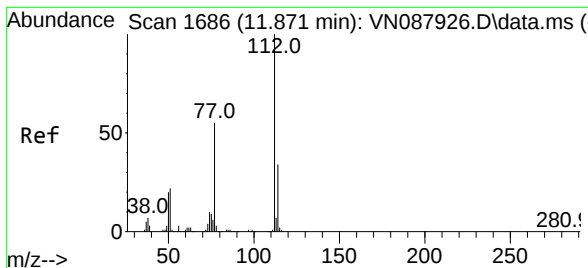
Tgt Ion:117 Resp: 399348
Ion Ratio Lower Upper
117 100
82 53.8 47.0 70.4
119 30.5 26.1 39.1



#64
Tetrachloroethene
Concen: 52.158 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion:164 Resp: 126880
Ion Ratio Lower Upper
164 100
166 128.6 101.6 152.4
129 101.4 77.5 116.3
131 90.1 73.4 110.0

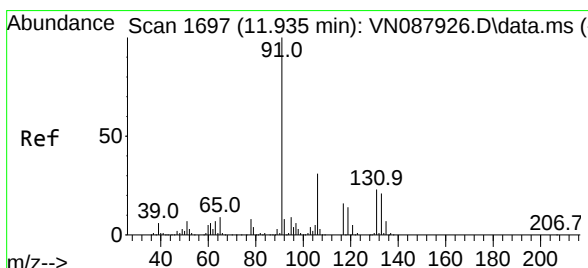
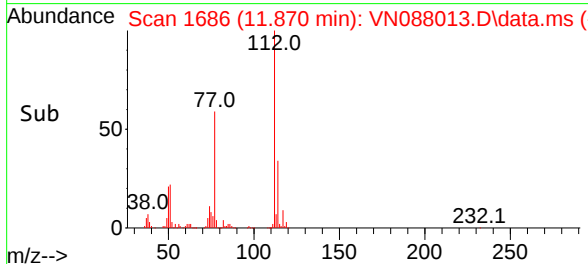
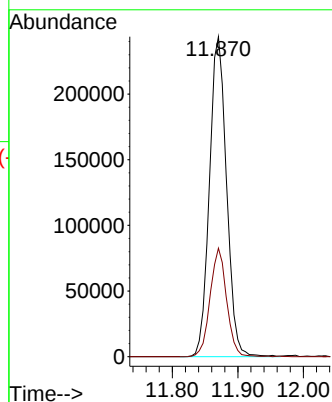
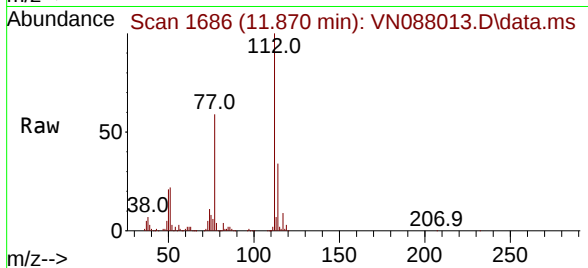




#65
Chlorobenzene
Concen: 51.989 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

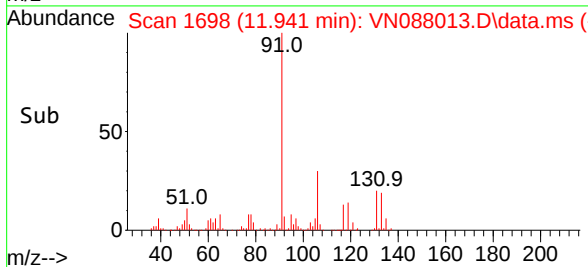
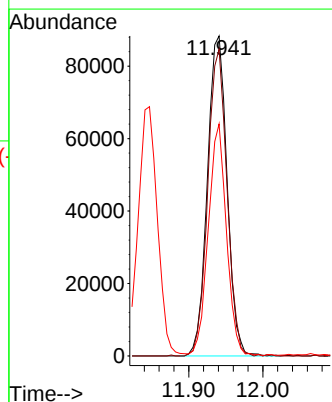
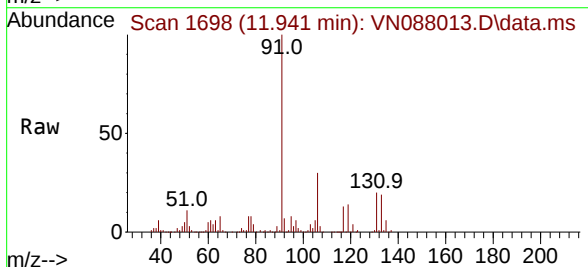
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

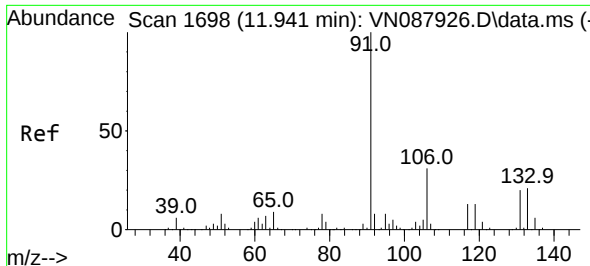
Tgt Ion:112 Resp: 441827
Ion Ratio Lower Upper
112 100
114 33.9 27.2 40.8



#66
1,1,1,2-Tetrachloroethane
Concen: 53.146 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion:131 Resp: 162876
Ion Ratio Lower Upper
131 100
133 93.8 48.4 145.0
119 67.2 31.9 95.5

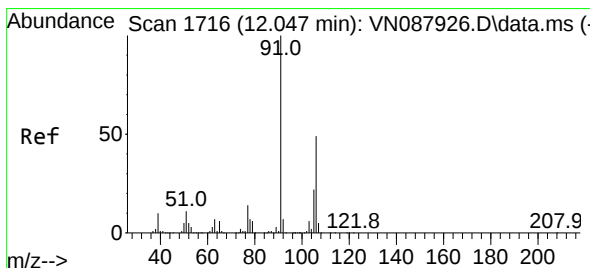
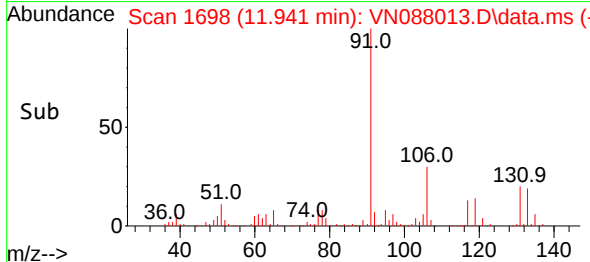
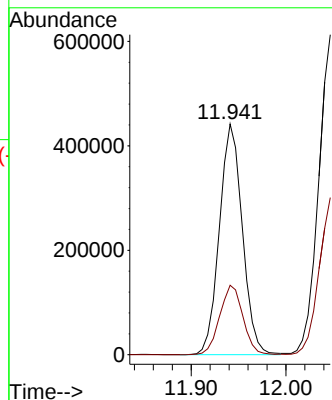
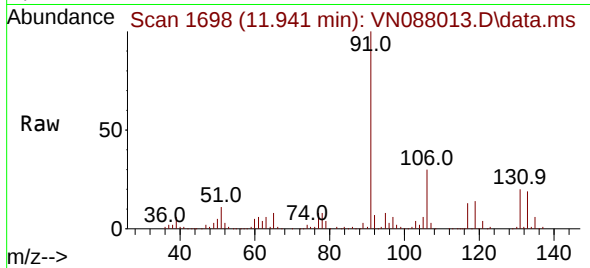




#67
Ethyl Benzene
Concen: 52.535 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

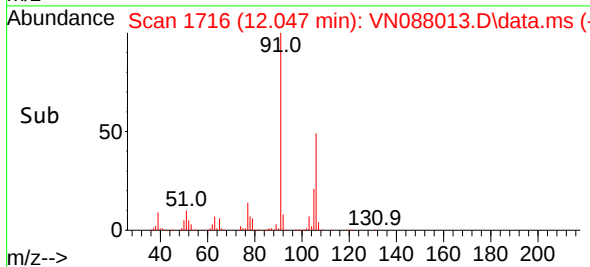
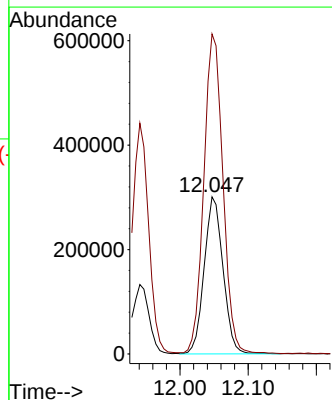
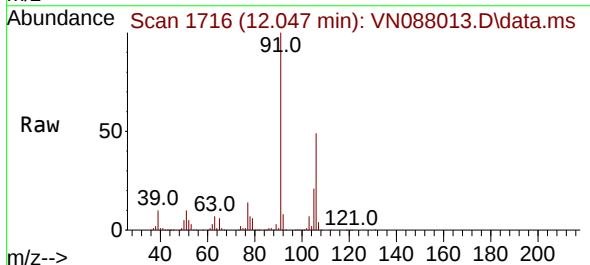
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

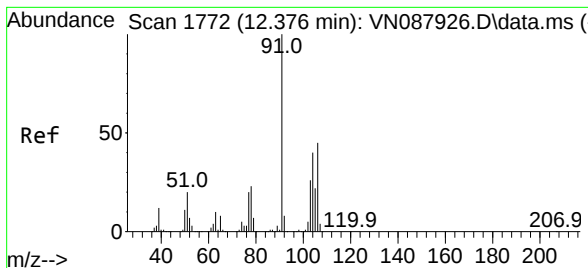
Tgt Ion: 91 Resp: 744976
Ion Ratio Lower Upper
91 100
106 30.1 25.2 37.8



#68
m/p-Xylenes
Concen: 106.758 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 106 Resp: 578990
Ion Ratio Lower Upper
106 100
91 206.6 162.9 244.3

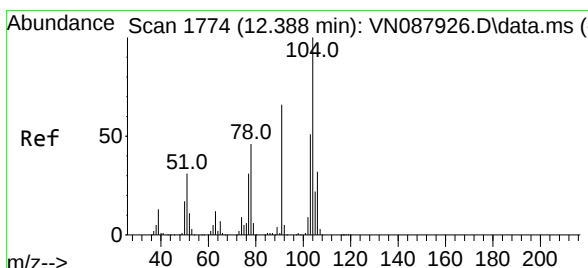
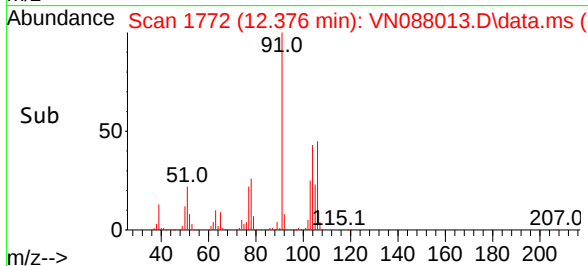
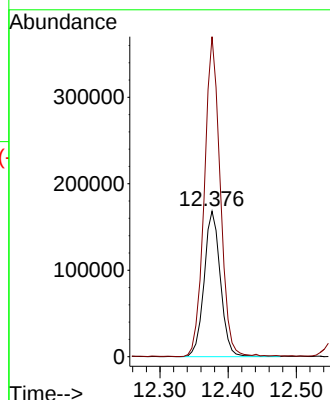
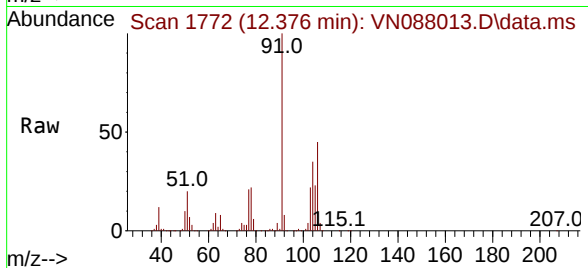




#69
o-Xylene
Concen: 53.589 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

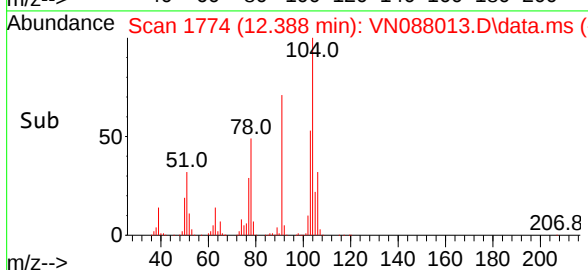
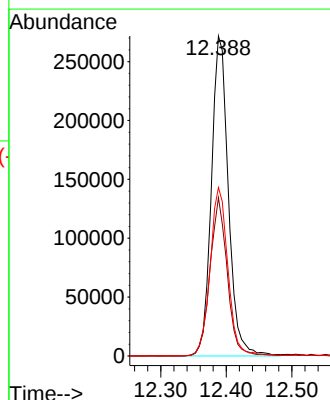
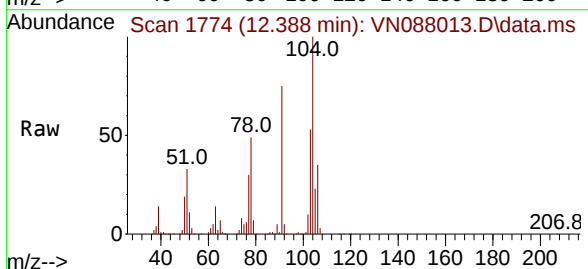
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

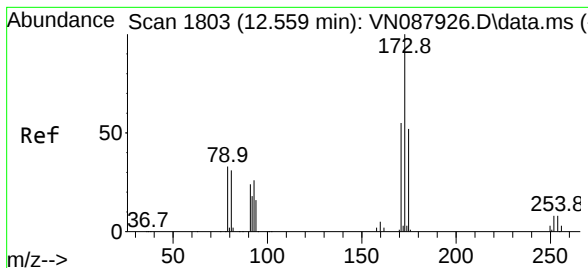
Tgt Ion:106 Resp: 279227
Ion Ratio Lower Upper
106 100
91 214.6 108.2 324.6



#70
Styrene
Concen: 54.825 ug/l
RT: 12.388 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion:104 Resp: 490624
Ion Ratio Lower Upper
104 100
78 50.3 39.7 59.5
103 55.3 44.6 67.0





#71

Bromoform

Concen: 53.359 ug/l

RT: 12.559 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

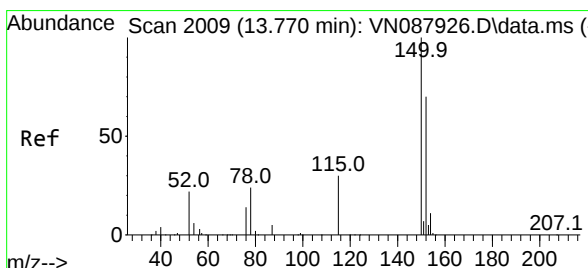
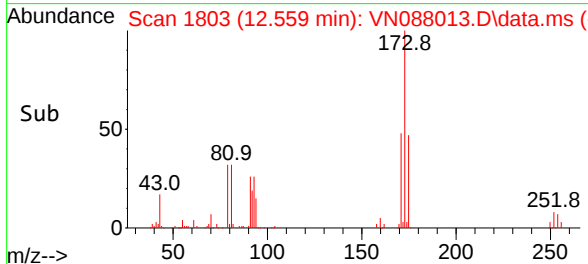
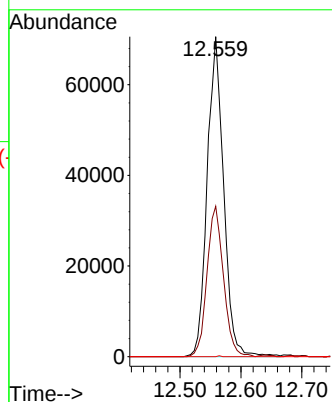
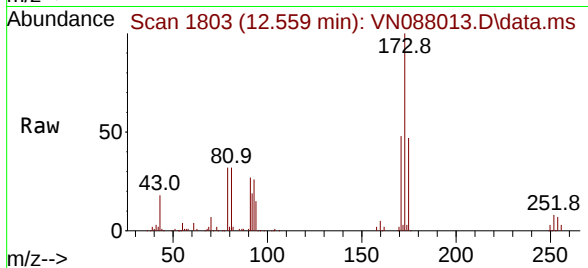
Tgt Ion:173 Resp: 132671

Ion Ratio Lower Upper

173 100

175 47.1 23.7 71.1

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. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

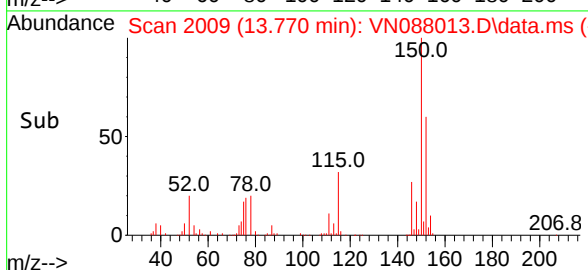
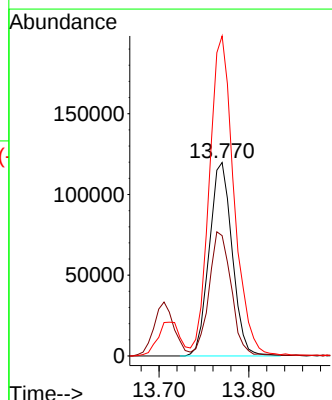
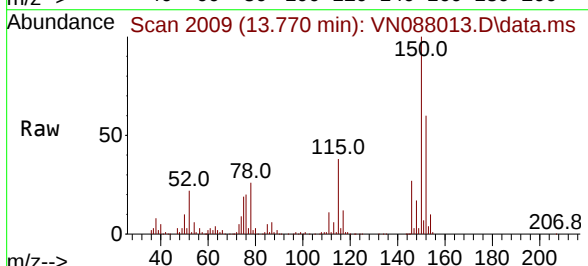
Tgt Ion:152 Resp: 212700

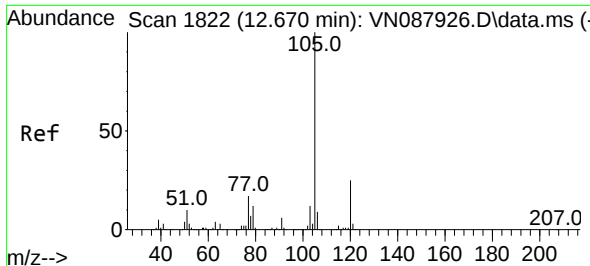
Ion Ratio Lower Upper

152 100

115 61.6 29.9 89.7

150 178.0 0.0 335.0

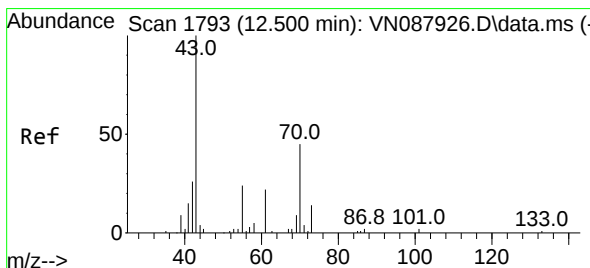
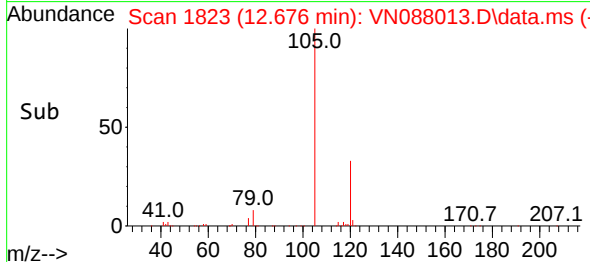
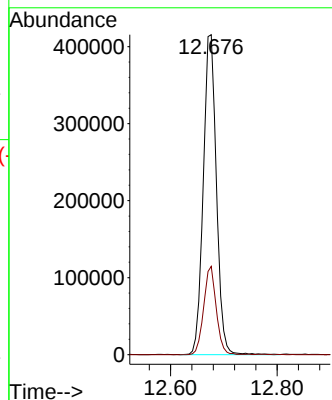
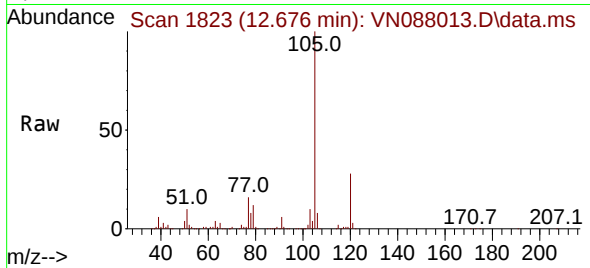




#73
Isopropylbenzene
Concen: 53.910 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

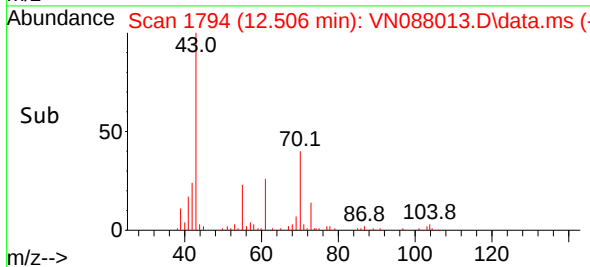
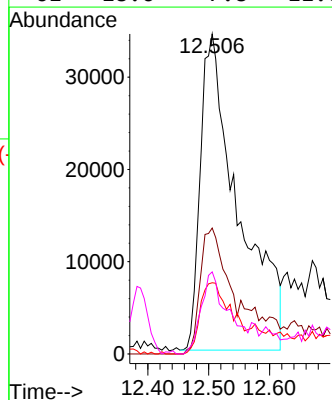
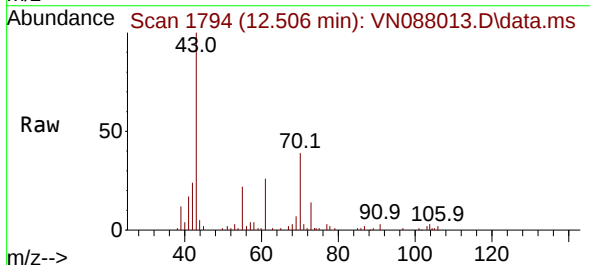
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

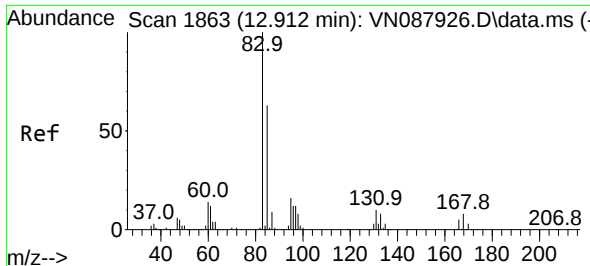
Tgt Ion:105 Resp: 710671
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 34.135 ug/l
RT: 12.506 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 43 Resp: 148267
Ion Ratio Lower Upper
43 100
70 27.8 19.8 29.8
55 19.0 9.6 14.4#
61 18.6 7.8 11.6#

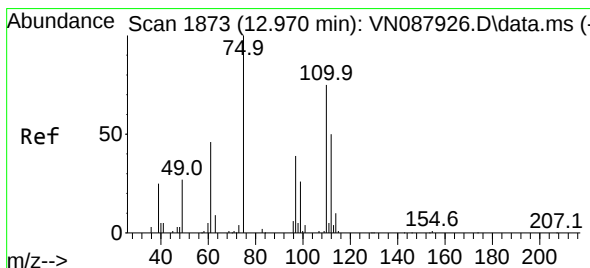
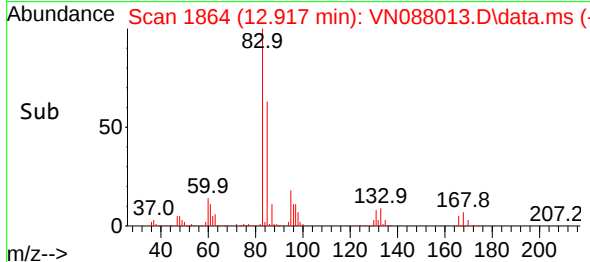
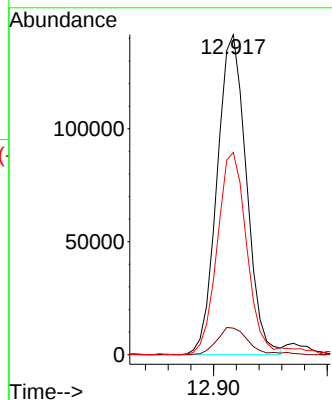
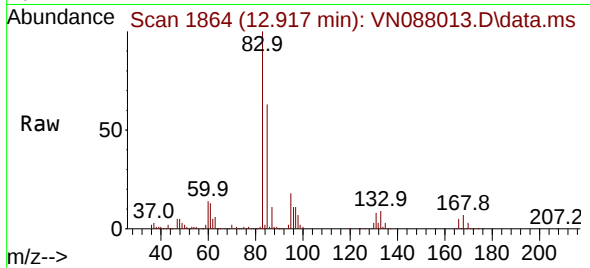




#75
1,1,2,2-Tetrachloroethane
Concen: 53.479 ug/l
RT: 12.917 min Scan# 1864
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

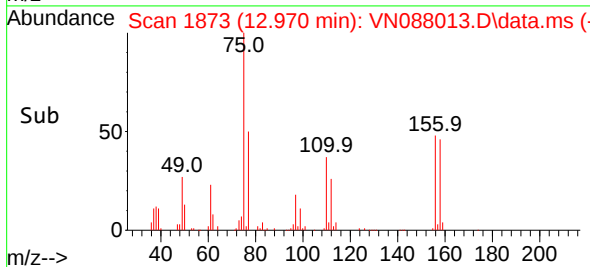
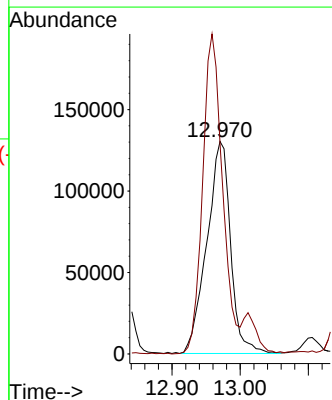
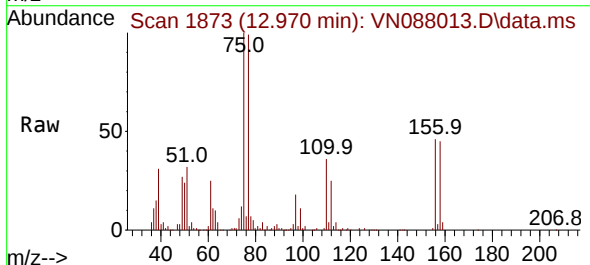
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

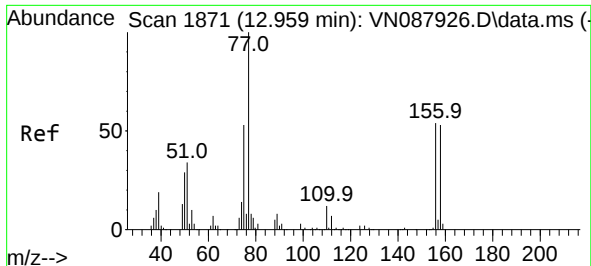
Tgt Ion: 83 Resp: 254009
Ion Ratio Lower Upper
83 100
131 9.2 5.2 15.6
85 65.1 32.4 97.0



#76
1,2,3-Trichloropropane
Concen: 75.091 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 75 Resp: 314840
Ion Ratio Lower Upper
75 100
77 127.2 89.5 268.5

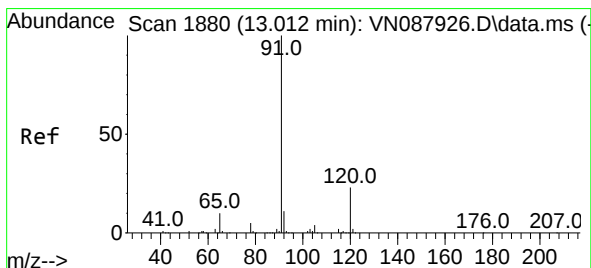
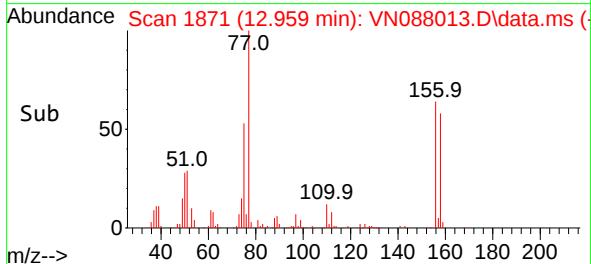
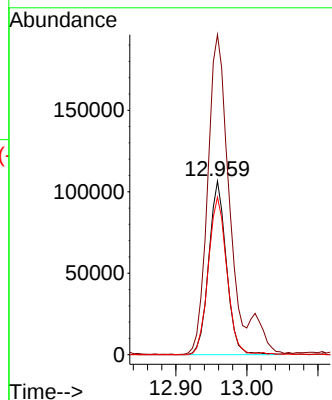
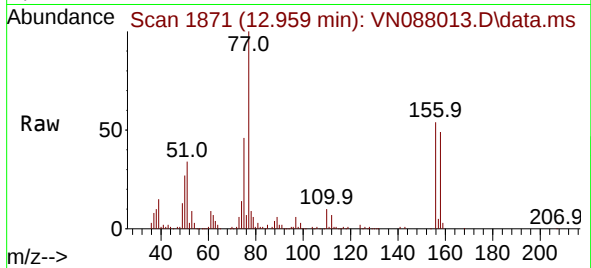




#77
Bromobenzene
Concen: 52.440 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

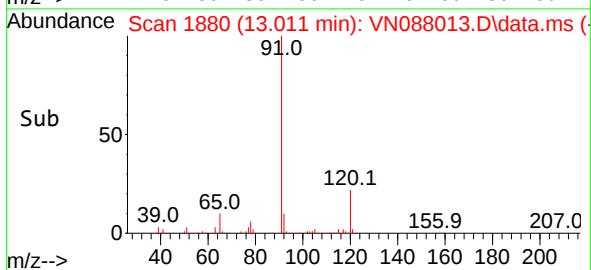
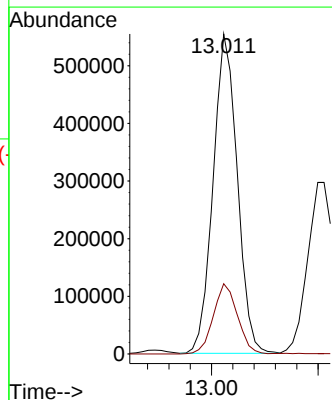
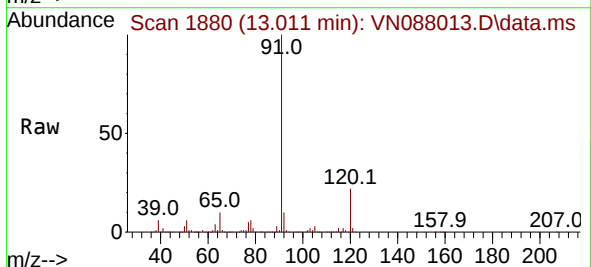
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

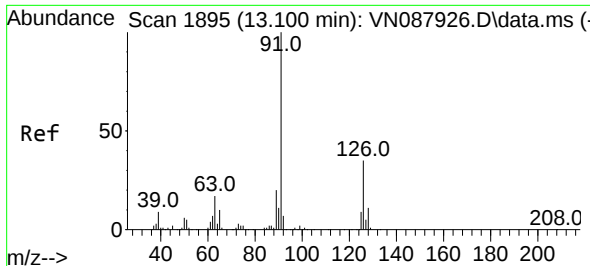
Tgt Ion:156 Resp: 183930
Ion Ratio Lower Upper
156 100
77 217.7 108.2 324.6
158 95.8 49.6 149.0



#78
n-propylbenzene
Concen: 52.889 ug/l
RT: 13.011 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 91 Resp: 871697
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.1

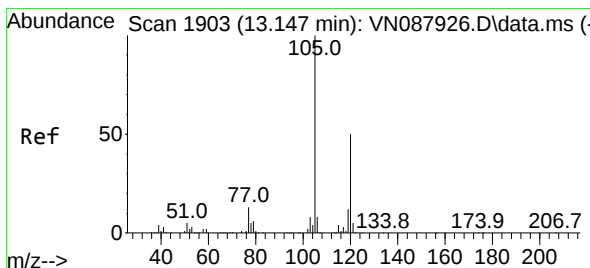
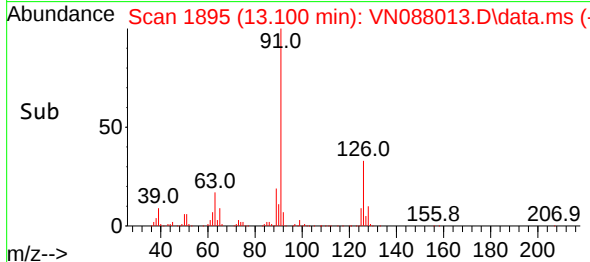
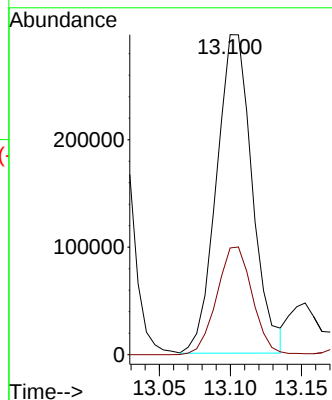
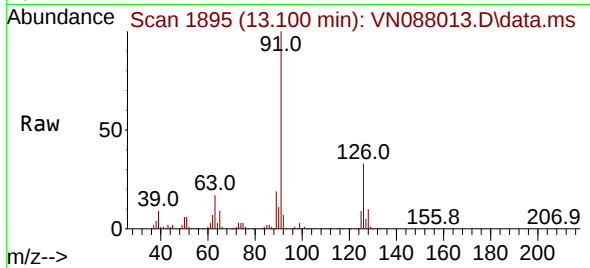




#79
2-Chlorotoluene
Concen: 51.754 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

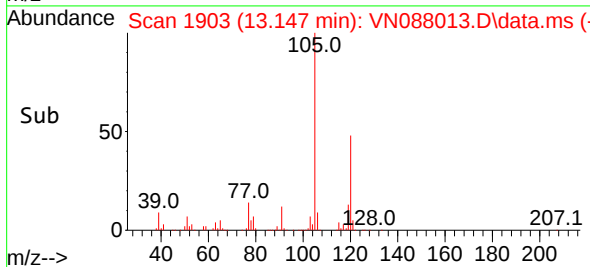
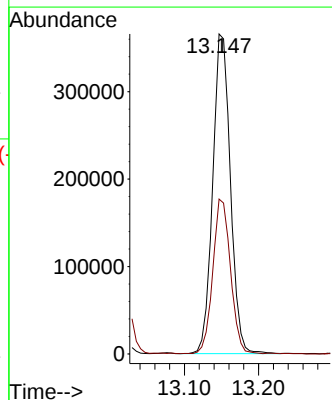
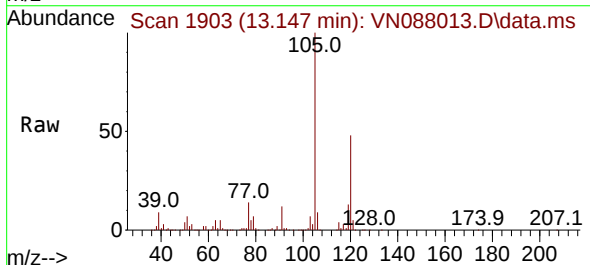
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

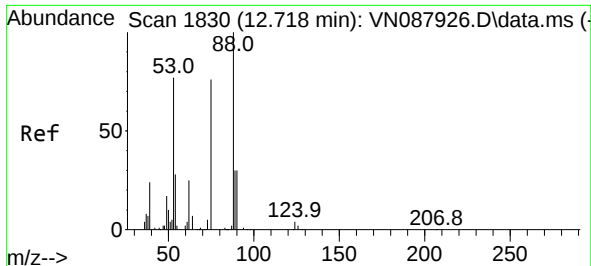
Tgt Ion: 91 Resp: 519382
Ion Ratio Lower Upper
91 100
126 33.8 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 53.110 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion:105 Resp: 605591
Ion Ratio Lower Upper
105 100
120 48.2 24.7 74.1

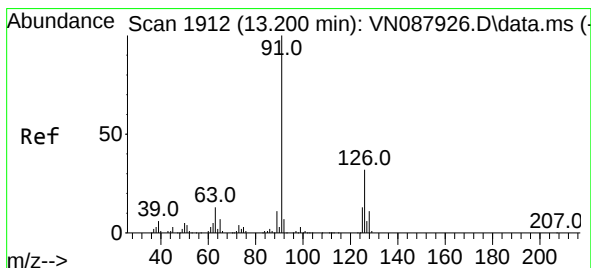
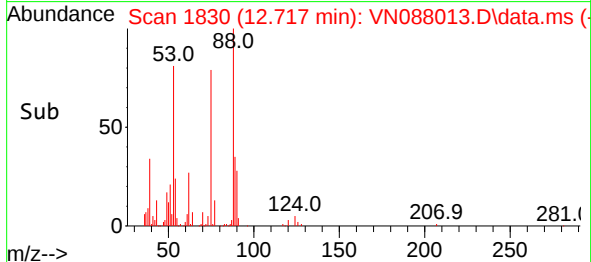
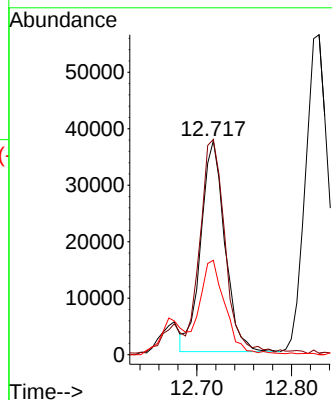
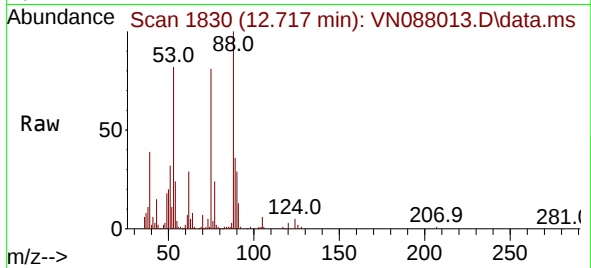




#81
trans-1,4-Dichloro-2-butene
Concen: 43.414 ug/l
RT: 12.717 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

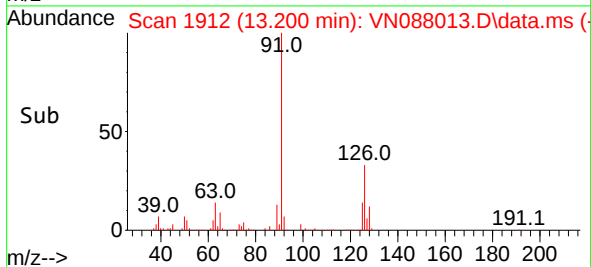
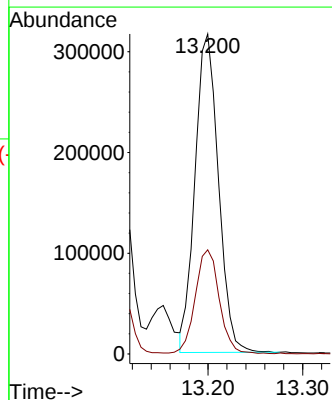
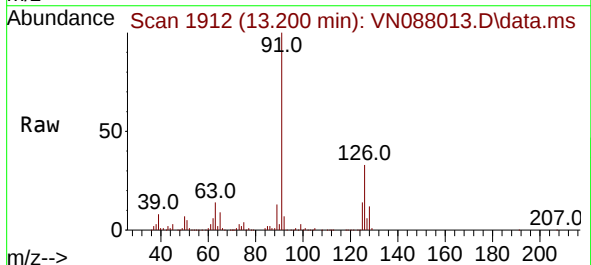
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

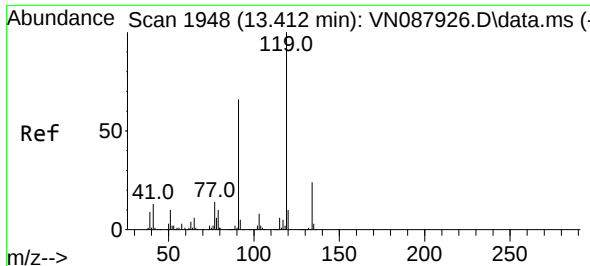
Tgt Ion: 75 Resp: 65552
Ion Ratio Lower Upper
75 100
53 104.1 82.0 123.0
89 47.3 36.1 54.1



#82
4-Chlorotoluene
Concen: 53.641 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 91 Resp: 542423
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.6

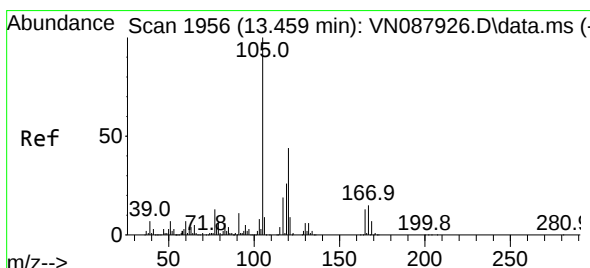
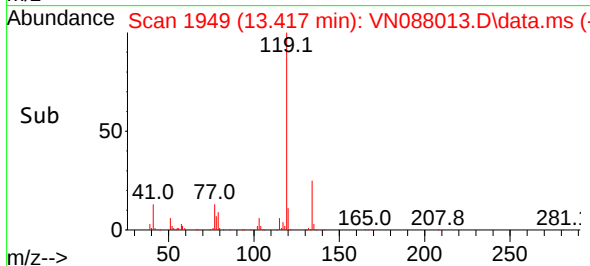
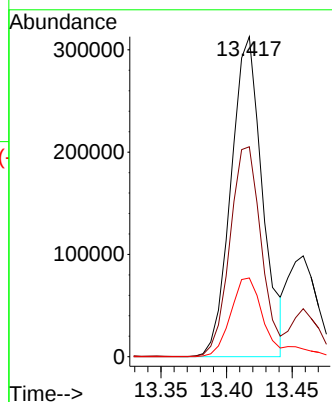
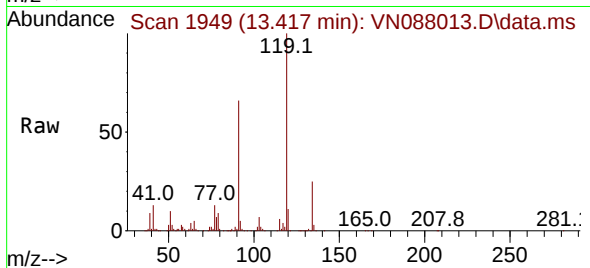




#83
 tert-Butylbenzene
 Concen: 54.079 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VN088013.D
 Acq: 03 Oct 2025 10:17

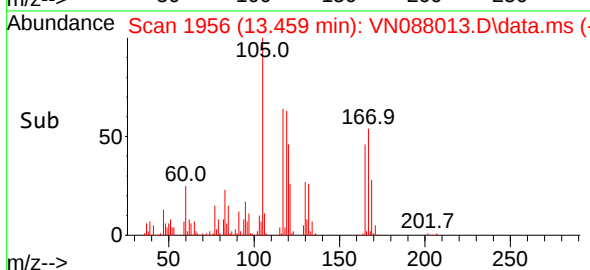
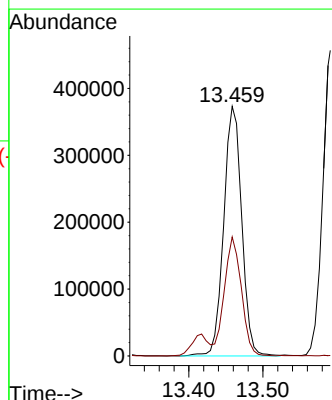
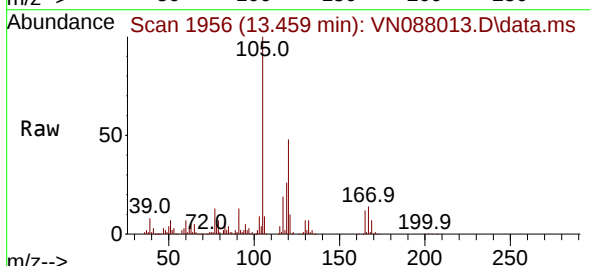
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

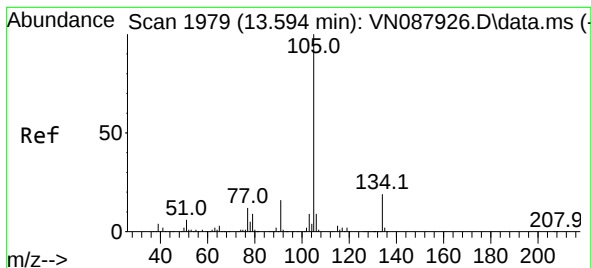
Tgt Ion:119 Resp: 521941
 Ion Ratio Lower Upper
 119 100
 91 65.4 32.1 96.3
 134 27.2 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 53.814 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN088013.D
 Acq: 03 Oct 2025 10:17

Tgt Ion:105 Resp: 629394
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.4 67.3





#85

sec-Butylbenzene

Concen: 52.962 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

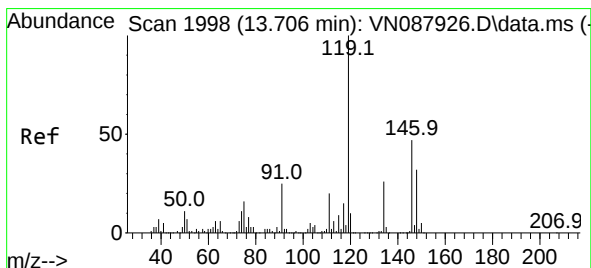
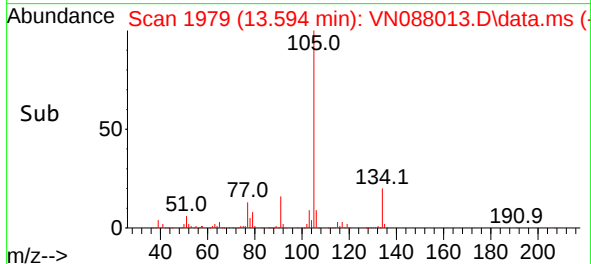
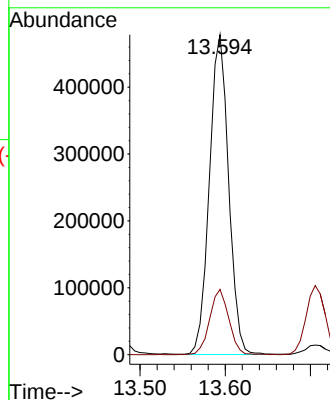
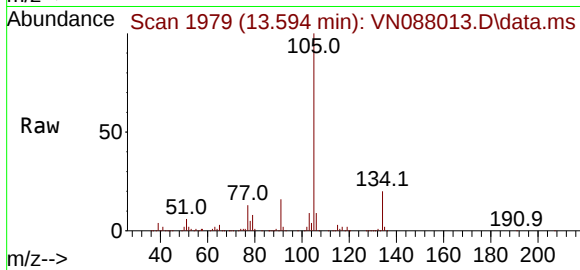
VSTDCCC050

Tgt Ion:105 Resp: 749419

Ion Ratio Lower Upper

105 100

134 20.3 9.6 28.8



#86

p-Isopropyltoluene

Concen: 52.499 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

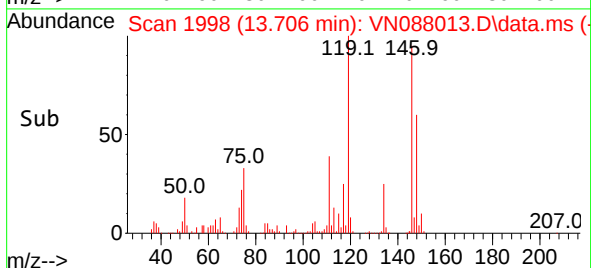
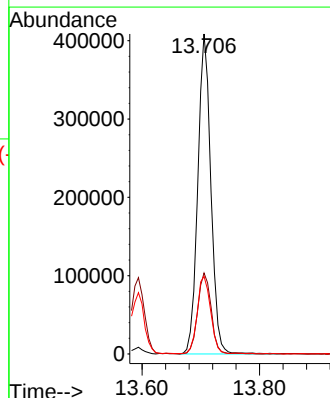
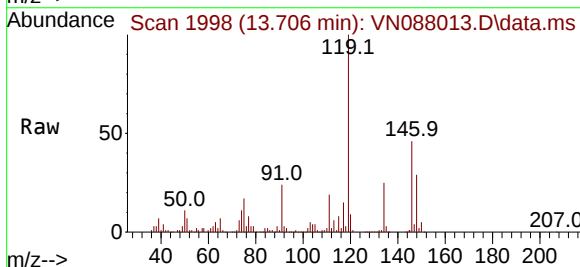
Tgt Ion:119 Resp: 629181

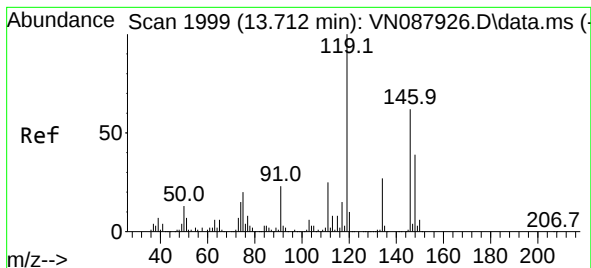
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 24.6 11.9 35.5





#87

1,3-Dichlorobenzene

Concen: 52.270 ug/l

RT: 13.711 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

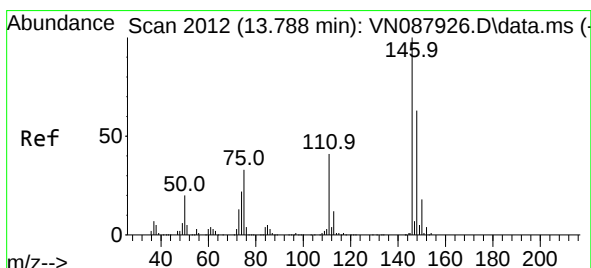
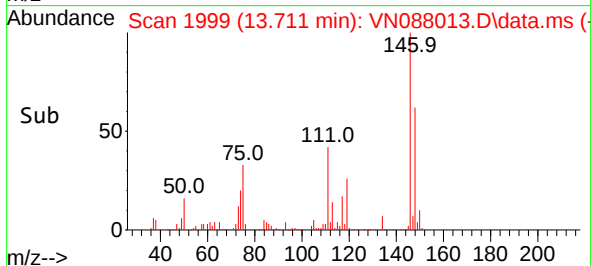
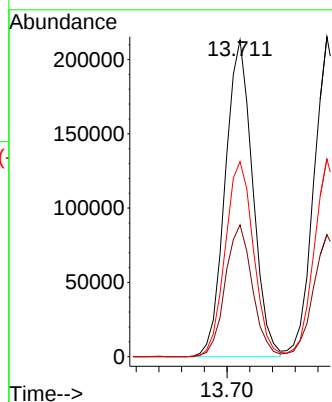
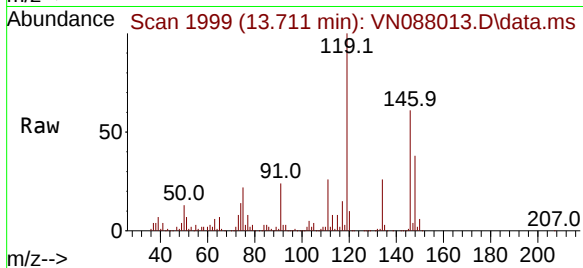
Tgt Ion:146 Resp: 357765

Ion Ratio Lower Upper

146 100

111 41.2 20.3 60.8

148 63.6 32.4 97.2



#88

1,4-Dichlorobenzene

Concen: 52.078 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088013.D

Acq: 03 Oct 2025 10:17

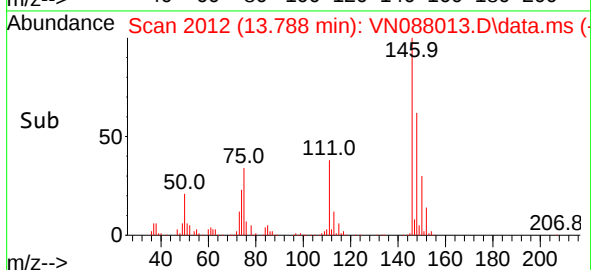
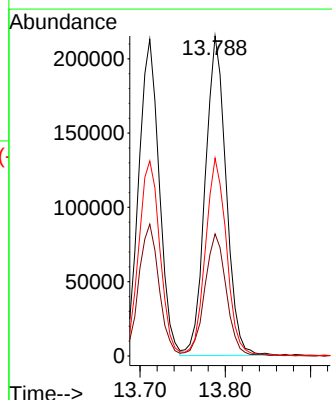
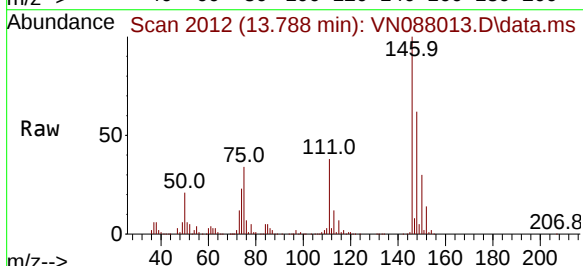
Tgt Ion:146 Resp: 366323

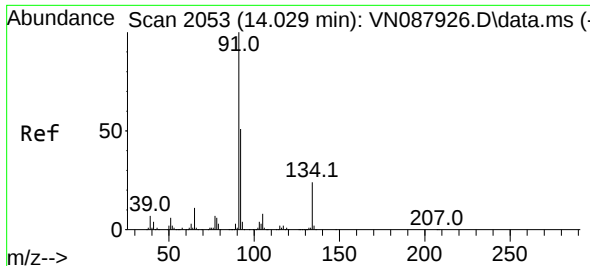
Ion Ratio Lower Upper

146 100

111 39.4 20.5 61.5

148 62.5 32.8 98.4

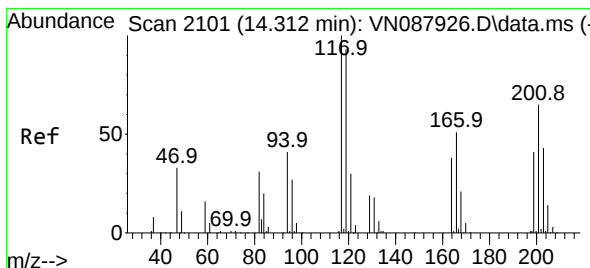
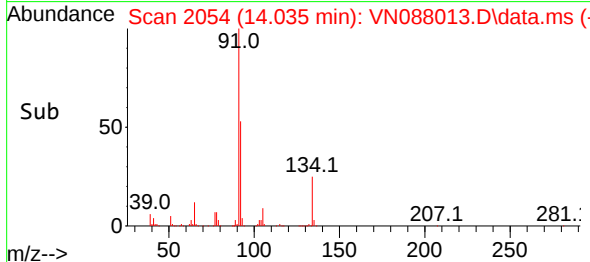
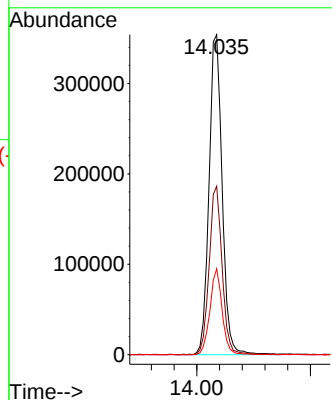
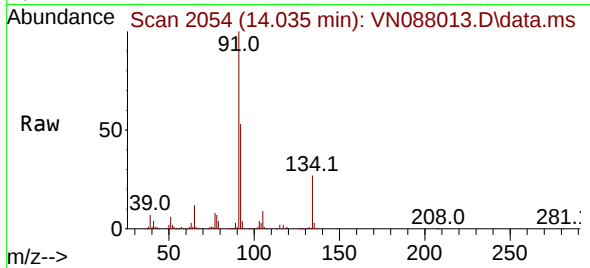




#89
n-Butylbenzene
Concen: 49.962 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

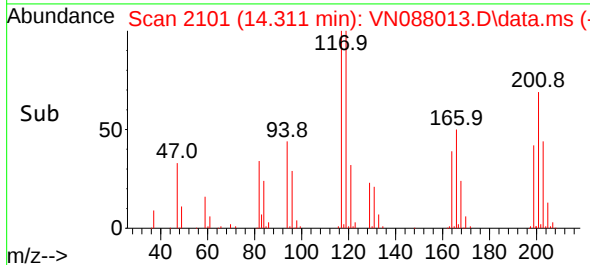
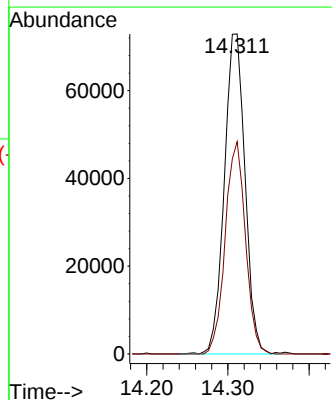
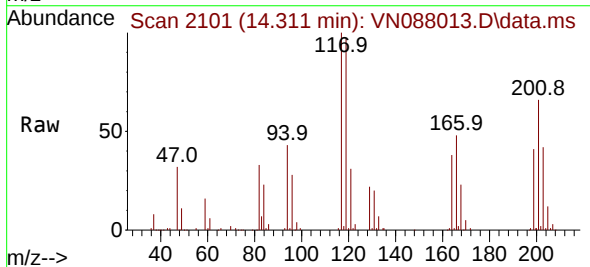
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

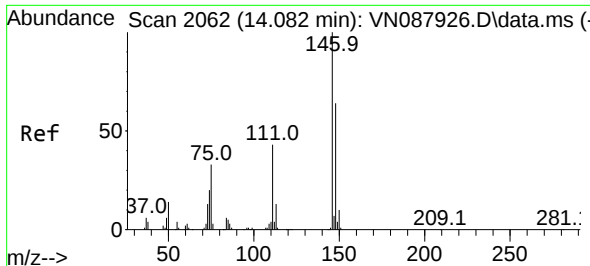
Tgt Ion: 91 Resp: 565873
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.8
134 25.1 12.6 37.8



#90
Hexachloroethane
Concen: 51.680 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion: 117 Resp: 129377
Ion Ratio Lower Upper
117 100
201 64.8 33.6 100.6

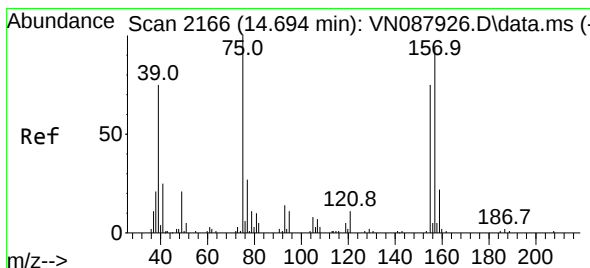
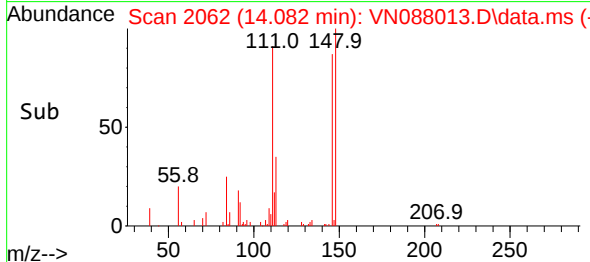
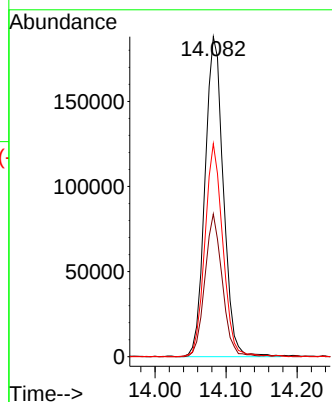
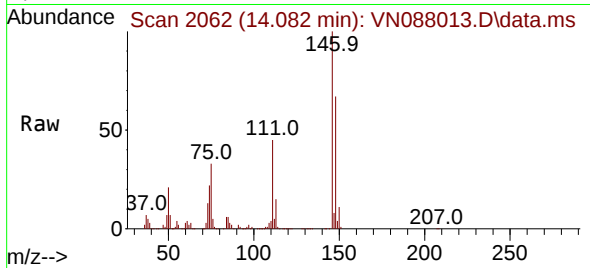




#91
 1,2-Dichlorobenzene
 Concen: 51.184 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088013.D
 Acq: 03 Oct 2025 10:17

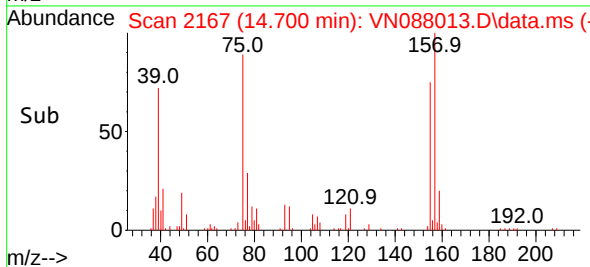
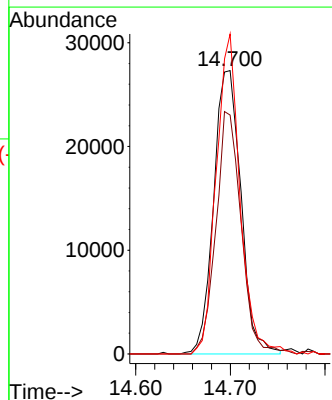
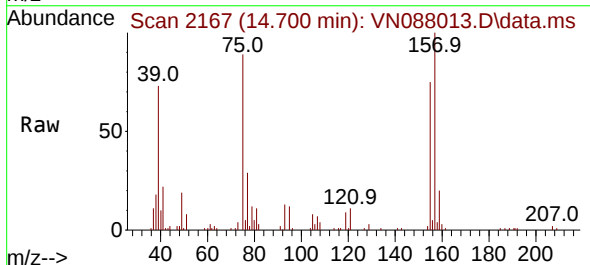
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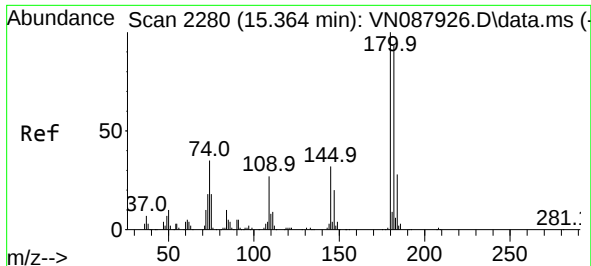
Tgt Ion:146 Resp: 337690
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.9 62.7
 148 65.2 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.649 ug/l
 RT: 14.700 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN088013.D
 Acq: 03 Oct 2025 10:17

Tgt Ion: 75 Resp: 54794
 Ion Ratio Lower Upper
 75 100
 155 78.9 40.2 120.6
 157 98.7 50.9 152.7

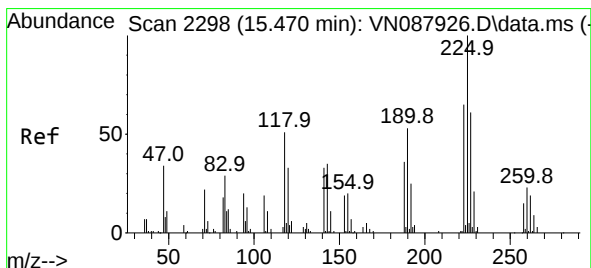
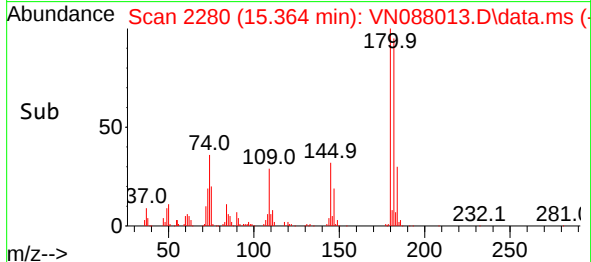
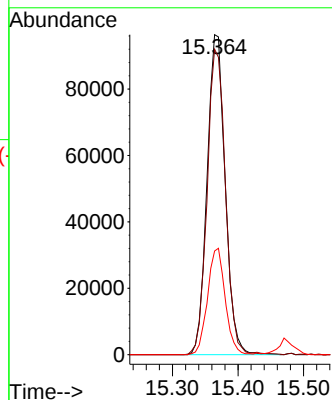
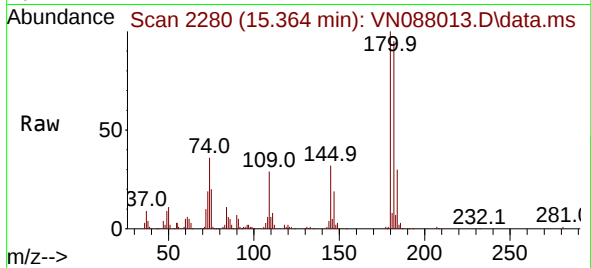




#93
1,2,4-Trichlorobenzene
Concen: 47.522 ug/l
RT: 15.364 min Scan# 2116
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

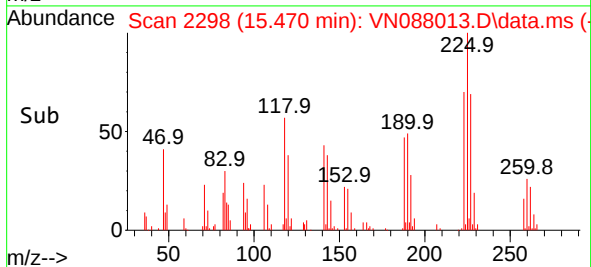
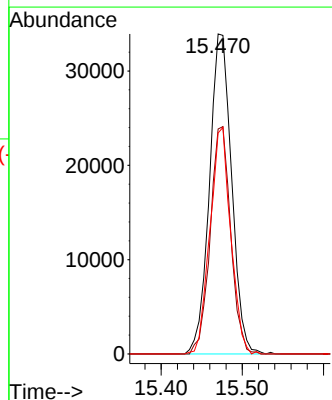
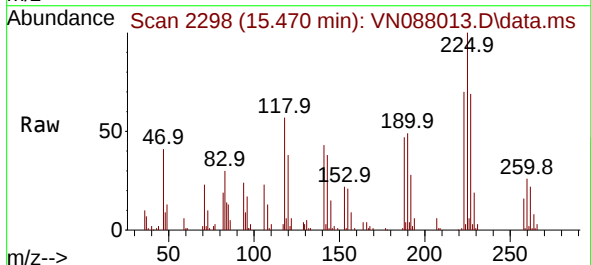
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

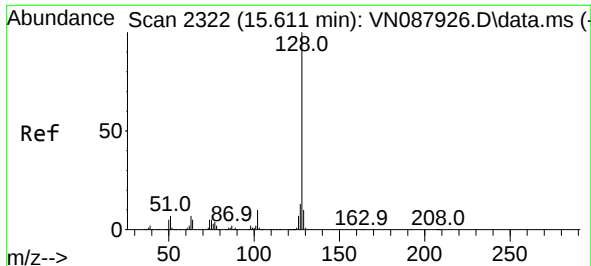
Tgt Ion:180 Resp: 185116
Ion Ratio Lower Upper
180 100
182 96.7 48.5 145.5
145 32.5 15.9 47.6



#94
Hexachlorobutadiene
Concen: 44.901 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion:225 Resp: 64377
Ion Ratio Lower Upper
225 100
223 65.6 31.8 95.4
227 66.0 31.9 95.9

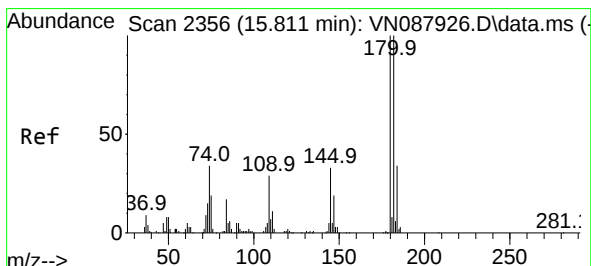
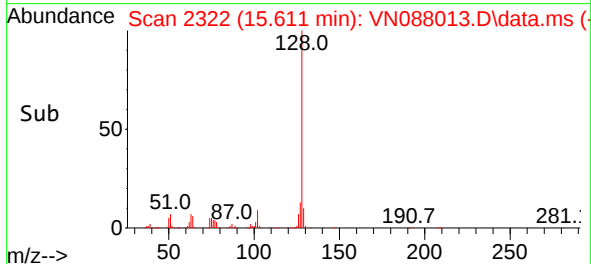
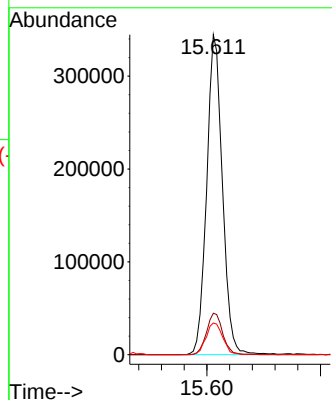
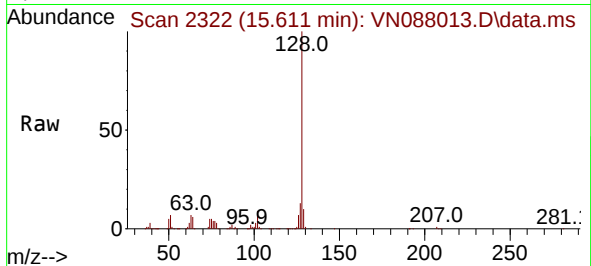




#95
Naphthalene
Concen: 52.814 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 660404
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.4
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.600 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN088013.D
Acq: 03 Oct 2025 10:17

Tgt Ion:180 Resp: 187836
Ion Ratio Lower Upper
180 100
182 96.6 47.3 142.0
145 35.1 16.1 48.3

