

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
 Data File : VN088309.D
 Acq On : 18 Nov 2025 11:35
 Operator : JC\MD
 Sample : VN1118WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Quant Time: Nov 19 03:32:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	231884	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	417439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	375508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	187417	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	216152	53.906	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.820%	
35) Dibromofluoromethane	8.153	113	151108	53.883	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.760%	
50) Toluene-d8	10.547	98	537465	49.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.480%	
62) 4-Bromofluorobenzene	12.829	95	186317	48.823	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.640%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	46420	17.747	ug/l	100
3) Chloromethane	2.383	50	60929	19.800	ug/l	93
4) Vinyl Chloride	2.536	62	65220	19.452	ug/l	95
5) Bromomethane	2.983	94	39178	19.536	ug/l	99
6) Chloroethane	3.142	64	43209	17.887	ug/l	97
7) Trichlorofluoromethane	3.512	101	100965	18.880	ug/l	97
8) Diethyl Ether	3.965	74	39292	19.769	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	55247	20.021	ug/l	97
10) Methyl Iodide	4.589	142	51559	20.445	ug/l	98
11) Tert butyl alcohol	5.518	59	71859	104.024	ug/l	100
12) 1,1-Dichloroethene	4.336	96	51966	17.830	ug/l	95
13) Acrolein	4.177	56	73590	94.708	ug/l	99
14) Allyl chloride	5.018	41	99091	19.397	ug/l	98
15) Acrylonitrile	5.706	53	219566	116.685	ug/l	97
16) Acetone	4.418	43	217438	107.939	ug/l	98
17) Carbon Disulfide	4.712	76	153417	17.316	ug/l	99
18) Methyl Acetate	5.018	43	103709	25.147	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	224583	20.982	ug/l	96
20) Methylene Chloride	5.265	84	71143	21.039	ug/l	95
21) trans-1,2-Dichloroethene	5.777	96	61782	19.312	ug/l	96
22) Diisopropyl ether	6.653	45	241218	22.453	ug/l	97
23) Vinyl Acetate	6.594	43	1083238	111.934	ug/l	98
24) 1,1-Dichloroethane	6.553	63	131559	22.106	ug/l	98
25) 2-Butanone	7.471	43	306392	115.413	ug/l	100
26) 2,2-Dichloropropane	7.477	77	109455	20.239	ug/l	100
27) cis-1,2-Dichloroethene	7.465	96	74804	20.311	ug/l	93
28) Bromochloromethane	7.794	49	58581	20.833	ug/l	99
29) Tetrahydrofuran	7.824	42	194697	112.535	ug/l	98
30) Chloroform	7.941	83	134961	22.700	ug/l	92
31) Cyclohexane	8.235	56	107784	19.203	ug/l	94
32) 1,1,1-Trichloroethane	8.147	97	110672	20.900	ug/l	98
36) 1,1-Dichloropropene	8.353	75	83798	20.465	ug/l	97
37) Ethyl Acetate	7.547	43	122322	23.149	ug/l	99
38) Carbon Tetrachloride	8.347	117	94344	22.308	ug/l	98
39) Methylcyclohexane	9.582	83	93352	17.737	ug/l	95
40) Benzene	8.588	78	270790	21.715	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.765	41	61906	22.259	ug/l	98
42) 1,2-Dichloroethane	8.653	62	108720	24.537	ug/l	99
43) Isopropyl Acetate	8.671	43	191377	23.569	ug/l	100
44) Trichloroethene	9.335	130	62398	21.407	ug/l	95
45) 1,2-Dichloropropane	9.600	63	73974	23.497	ug/l	98
46) Dibromomethane	9.688	93	53891	24.001	ug/l	98
47) Bromodichloromethane	9.865	83	110027	24.475	ug/l	96
48) Methyl methacrylate	9.659	41	86610	23.104	ug/l	97
49) 1,4-Dioxane	9.677	88	22920	491.588	ug/l #	100
51) 4-Methyl-2-Pentanone	10.424	43	605325	126.017	ug/l	100
52) Toluene	10.606	92	164650	21.415	ug/l	97
53) t-1,3-Dichloropropene	10.812	75	108779	22.735	ug/l	97
54) cis-1,3-Dichloropropene	10.288	75	115610	22.771	ug/l	97
55) 1,1,2-Trichloroethane	10.994	97	68377	23.441	ug/l	95
56) Ethyl methacrylate	10.853	69	102978	22.309	ug/l	97
57) 1,3-Dichloropropane	11.141	76	119234	23.256	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.141	63	242746	101.099	ug/l	100
59) 2-Hexanone	11.176	43	381411	119.694	ug/l	99
60) Dibromochloromethane	11.335	129	77397	23.345	ug/l	100
61) 1,2-Dibromoethane	11.447	107	68694	22.883	ug/l	100
64) Tetrachloroethene	11.082	164	48910	19.746	ug/l	94
65) Chlorobenzene	11.871	112	184250	21.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.935	131	62830	22.492	ug/l	97
67) Ethyl Benzene	11.941	91	310154	20.723	ug/l	99
68) m/p-Xylenes	12.047	106	227561	40.579	ug/l	100
69) o-Xylene	12.376	106	108461	20.403	ug/l	100
70) Styrene	12.394	104	189472	21.857	ug/l	99
71) Bromoform	12.559	173	47975	23.013	ug/l #	98
73) Isopropylbenzene	12.676	105	288865	19.984	ug/l	99
74) N-amyl acetate	12.541	43	8903	2.170	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.918	83	110166	24.480	ug/l	96
76) 1,2,3-Trichloropropane	12.970	75	136104	31.763	ug/l	60
77) Bromobenzene	12.959	156	69643	22.342	ug/l	99
78) n-propylbenzene	13.012	91	360277	20.424	ug/l	99
79) 2-Chlorotoluene	13.106	91	214714	21.344	ug/l	99
80) 1,3,5-Trimethylbenzene	13.153	105	243644	20.295	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.718	75	29249	19.041	ug/l #	88
82) 4-Chlorotoluene	13.200	91	222948	20.484	ug/l	100
83) tert-Butylbenzene	13.418	119	209137	19.502	ug/l	99
84) 1,2,4-Trimethylbenzene	13.459	105	250392	20.847	ug/l	99
85) sec-Butylbenzene	13.594	105	307322	19.505	ug/l	100
86) p-Isopropyltoluene	13.706	119	249158	19.713	ug/l	99
87) 1,3-Dichlorobenzene	13.712	146	134433	21.604	ug/l	99
88) 1,4-Dichlorobenzene	13.788	146	135899	20.334	ug/l	98
89) n-Butylbenzene	14.035	91	247997	19.808	ug/l	98
90) Hexachloroethane	14.312	117	50313	20.556	ug/l	95
91) 1,2-Dichlorobenzene	14.082	146	130312	21.725	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.694	75	23882	22.800	ug/l	93
93) 1,2,4-Trichlorobenzene	15.370	180	72895	20.067	ug/l	99
94) Hexachlorobutadiene	15.470	225	29290	21.652	ug/l	98
95) Naphthalene	15.617	128	244096	19.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.811	180	71625	20.564	ug/l	99

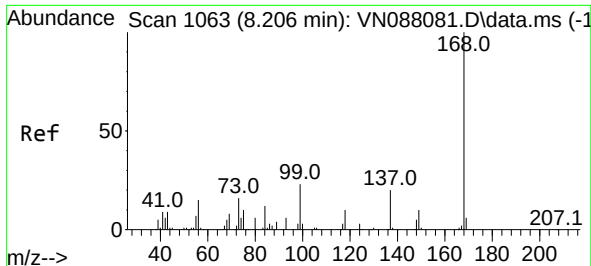
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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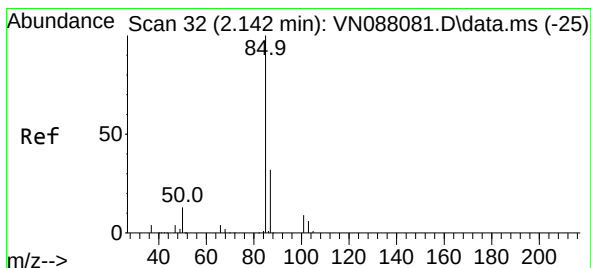
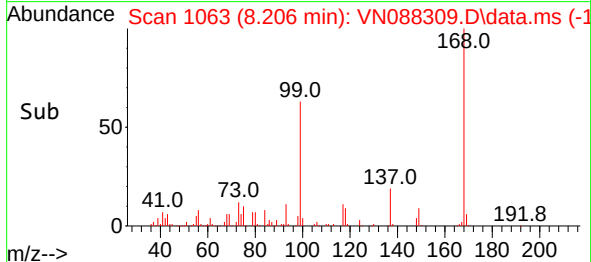
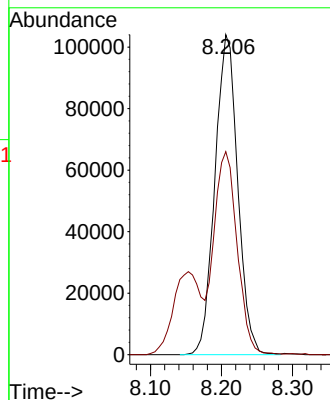
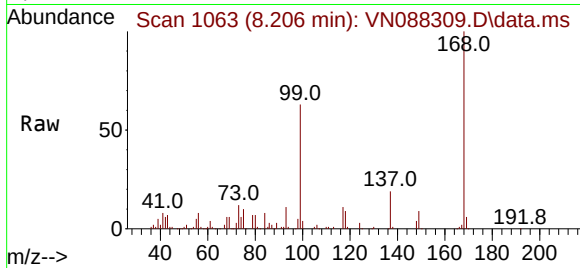
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
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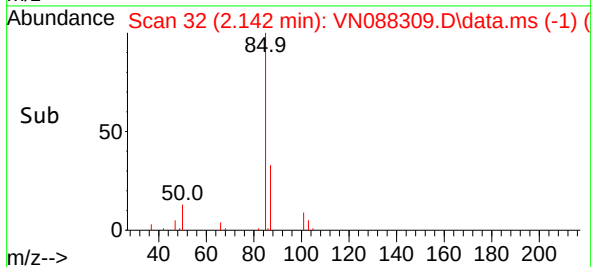
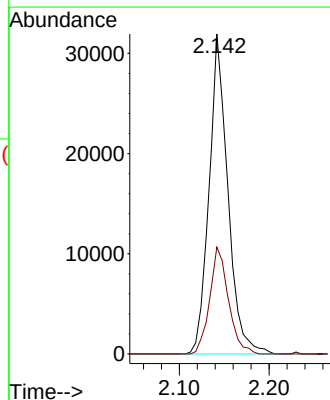
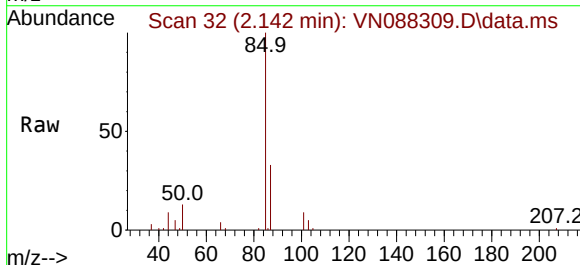
Instrument :
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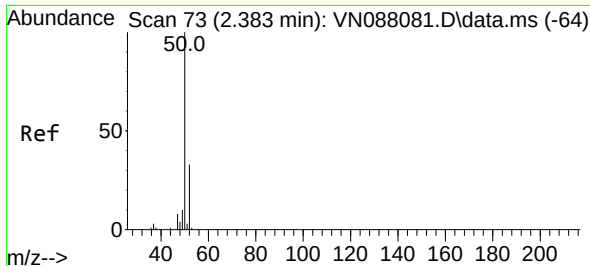
Tgt Ion:168 Resp: 231884
Ion Ratio Lower Upper
168 100
99 63.2 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 17.747 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 85 Resp: 46420
Ion Ratio Lower Upper
85 100
87 33.4 16.6 49.8

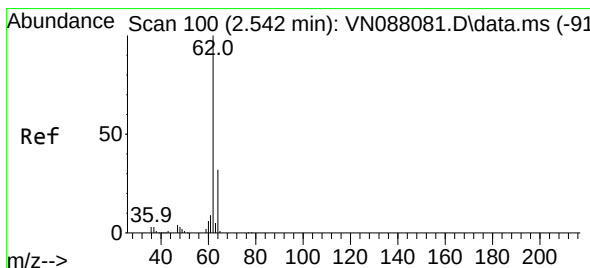
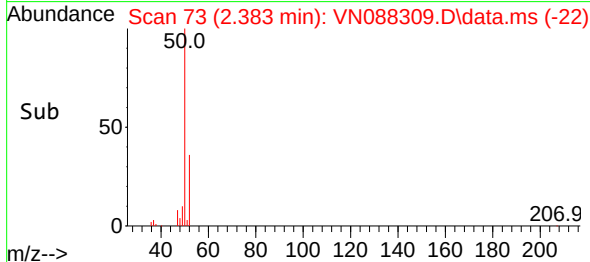
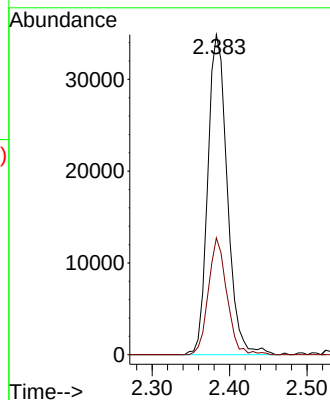
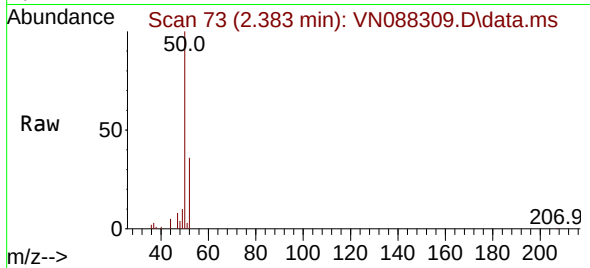




#3
Chloromethane
Concen: 19.800 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

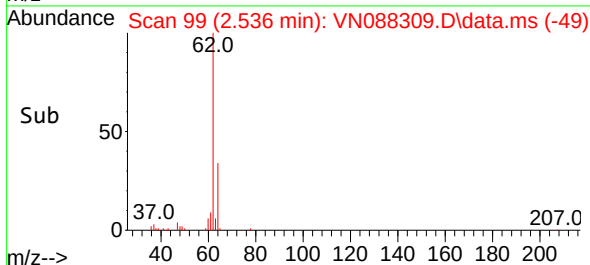
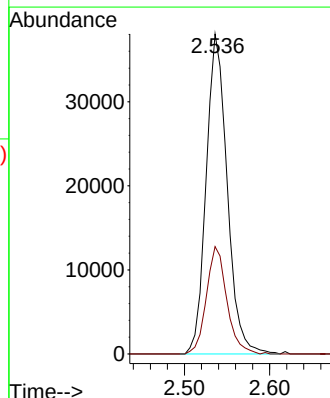
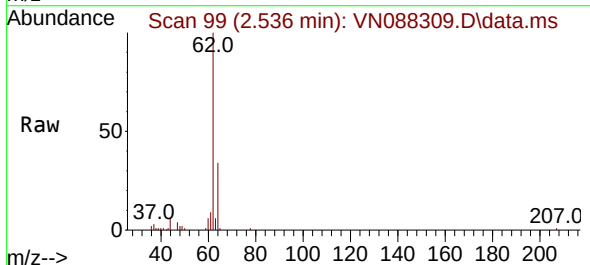
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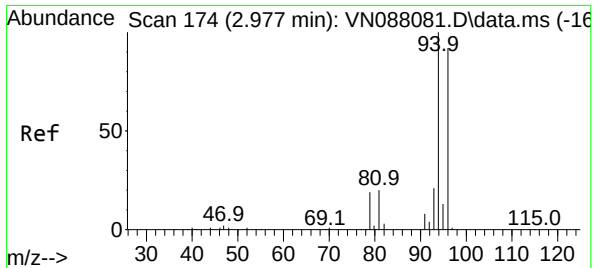
Tgt Ion: 50 Resp: 60929
Ion Ratio Lower Upper
50 100
52 36.5 26.2 39.4



#4
Vinyl Chloride
Concen: 19.452 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 62 Resp: 65220
Ion Ratio Lower Upper
62 100
64 33.6 24.6 37.0

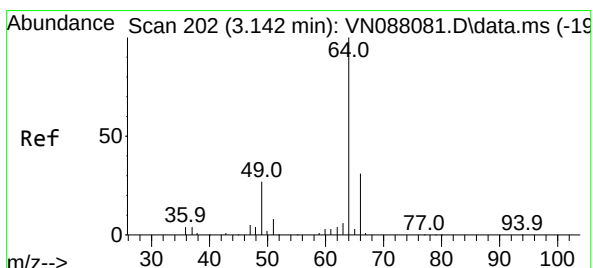
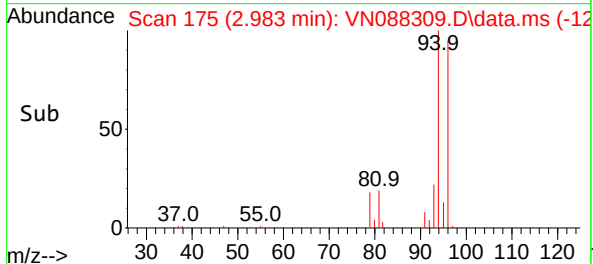
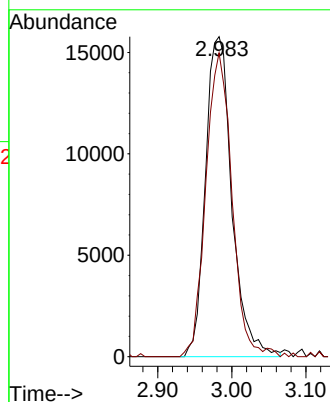
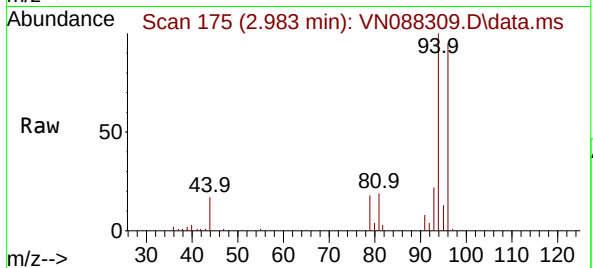




#5
Bromomethane
Concen: 19.536 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.012 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

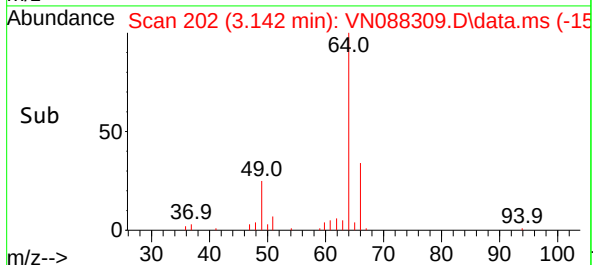
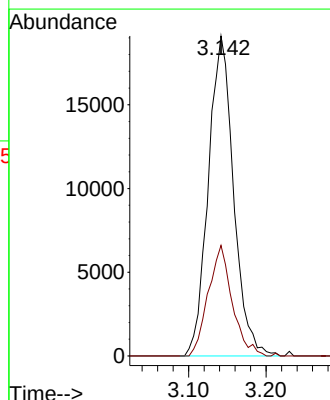
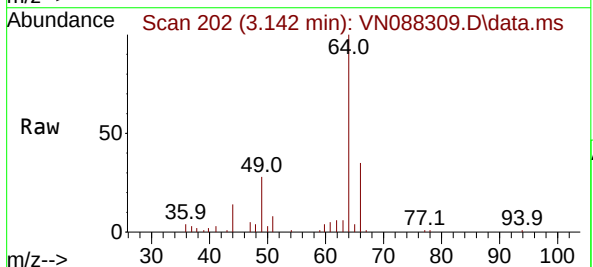
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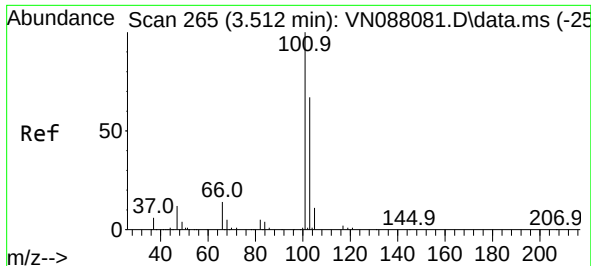
Tgt Ion: 94 Resp: 39178
Ion Ratio Lower Upper
94 100
96 95.0 75.4 113.2



#6
Chloroethane
Concen: 17.887 ug/l
RT: 3.142 min Scan# 202
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 64 Resp: 43209
Ion Ratio Lower Upper
64 100
66 34.5 26.2 39.2

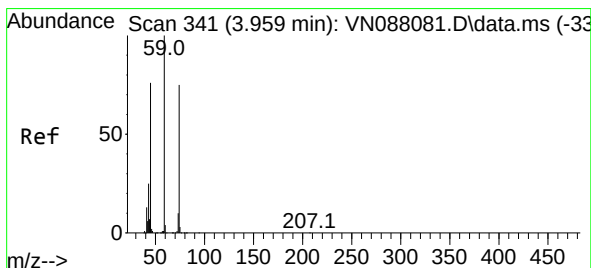
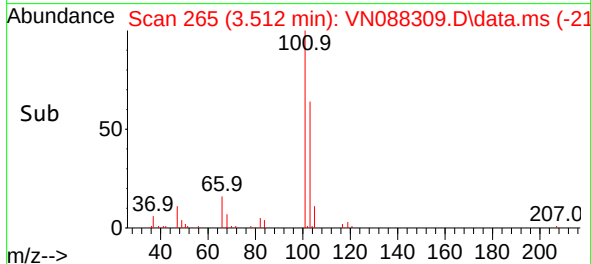
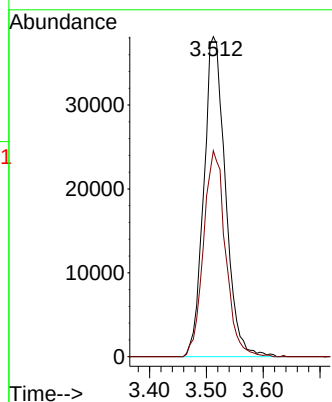
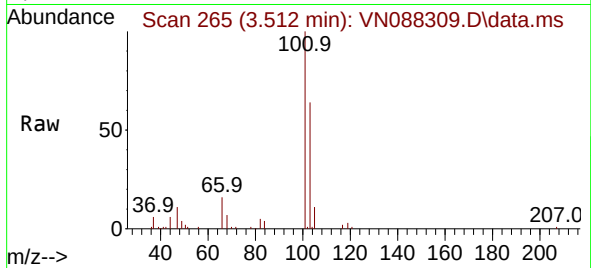




#7
 Trichlorofluoromethane
 Concen: 18.880 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN088309.D
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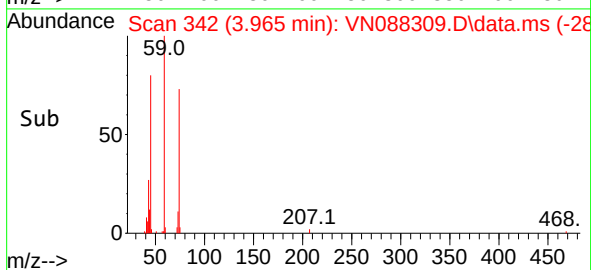
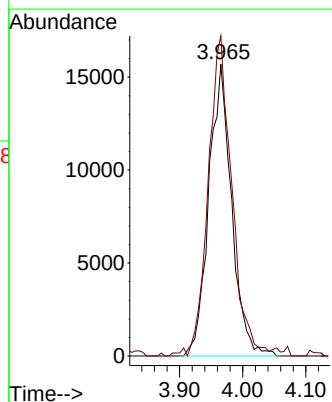
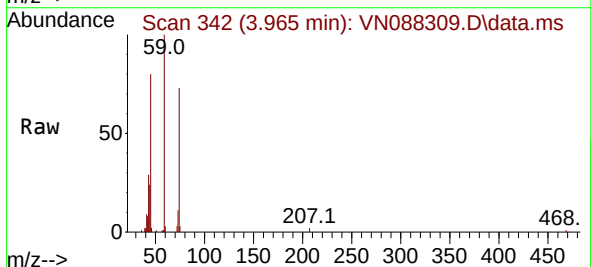
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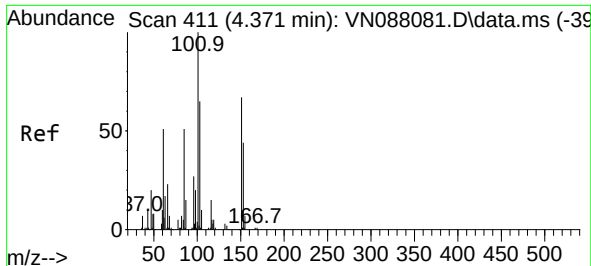
Tgt Ion:101 Resp: 100965
 Ion Ratio Lower Upper
 101 100
 103 64.3 49.4 74.0



#8
 Diethyl Ether
 Concen: 19.769 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

Tgt Ion: 74 Resp: 39292
 Ion Ratio Lower Upper
 74 100
 45 113.6 50.6 151.9

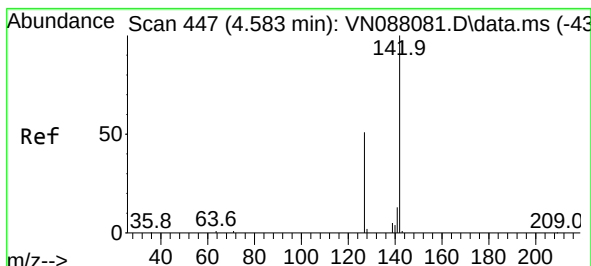
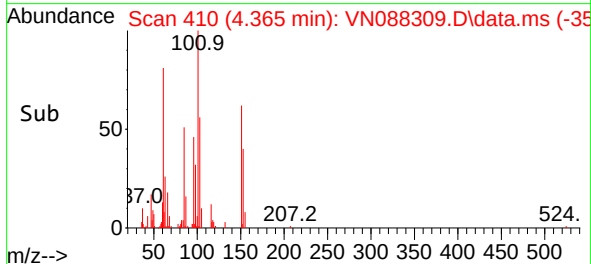
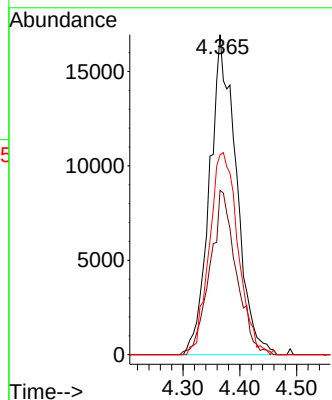
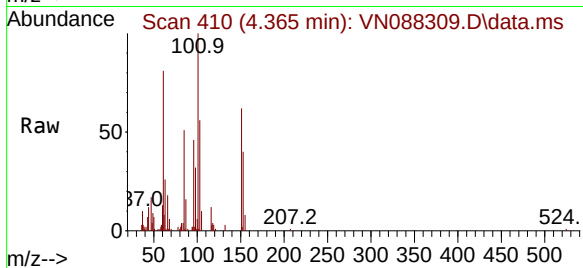




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.021 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN088309.D
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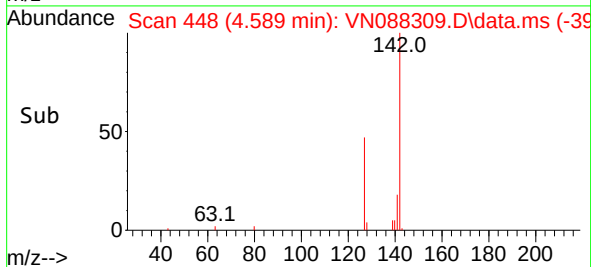
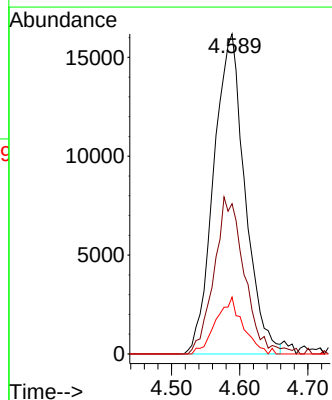
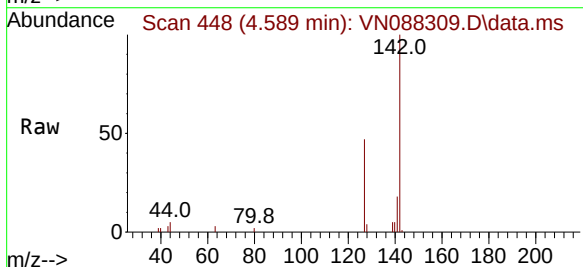
Instrument :
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ClientSampleId :
VN1118WBSD01

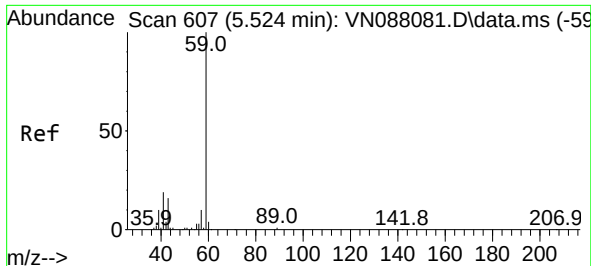
Tgt Ion:101 Resp: 55247
Ion Ratio Lower Upper
101 100
85 50.7 36.6 55.0
151 67.9 54.7 82.1



#10
Methyl Iodide
Concen: 20.445 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion:142 Resp: 51559
Ion Ratio Lower Upper
142 100
127 47.0 38.0 57.0
141 17.7 12.0 18.0

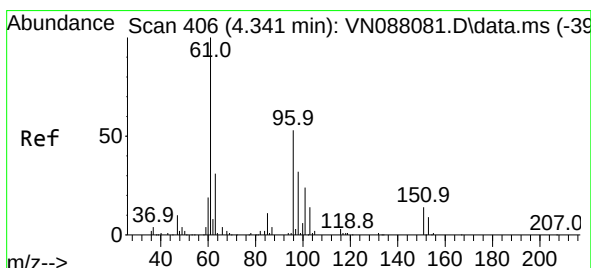
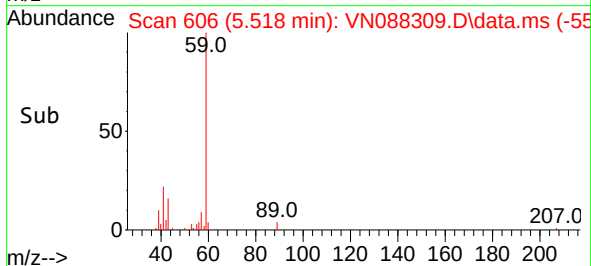
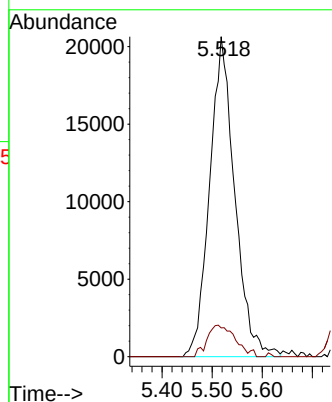
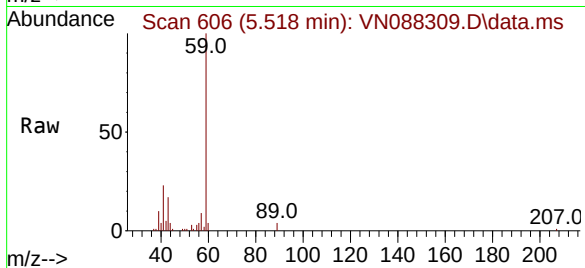




#11
Tert butyl alcohol
Concen: 104.024 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

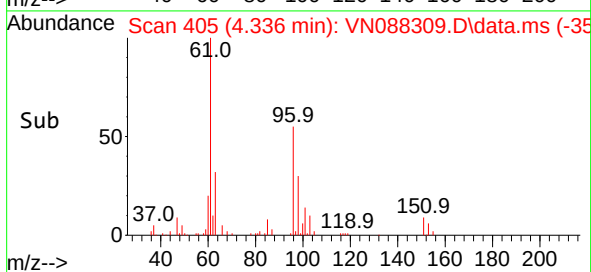
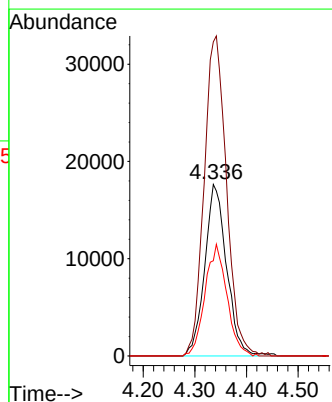
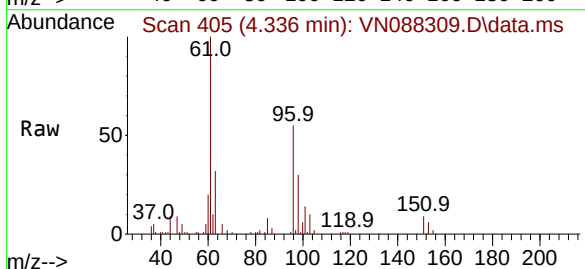
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

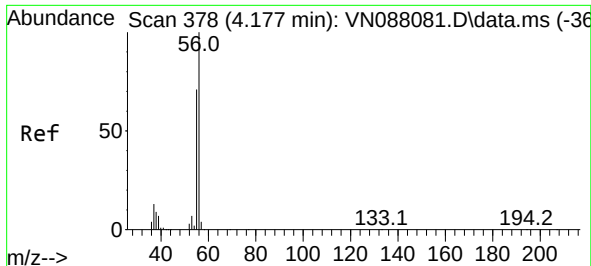
Tgt Ion: 59 Resp: 71859
Ion Ratio Lower Upper
59 100
57 11.0 9.0 13.4



#12
1,1-Dichloroethene
Concen: 17.830 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 96 Resp: 51966
Ion Ratio Lower Upper
96 100
61 183.1 143.8 215.8
98 55.5 52.1 78.1

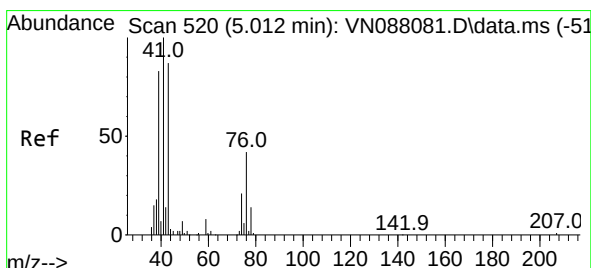
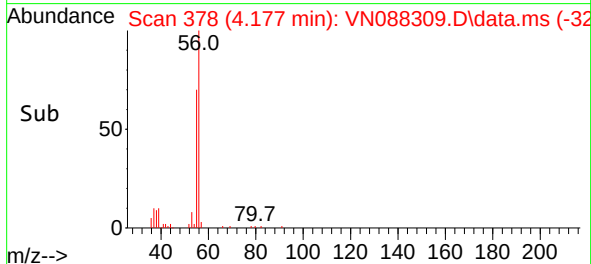
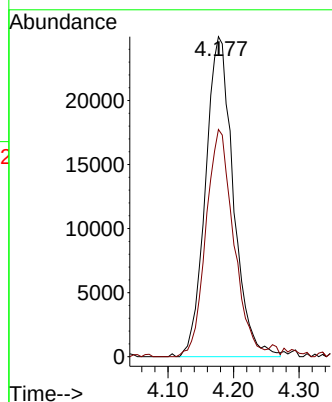
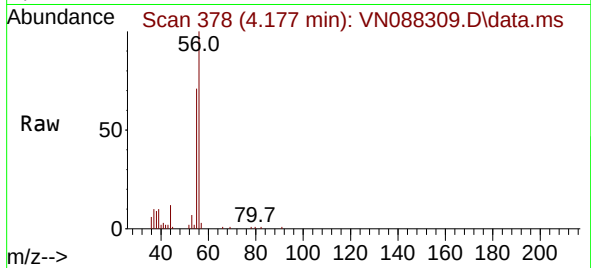




#13
Acrolein
Concen: 94.708 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

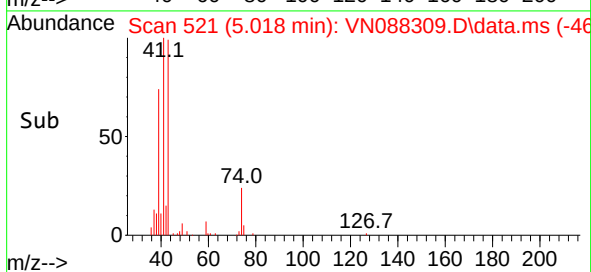
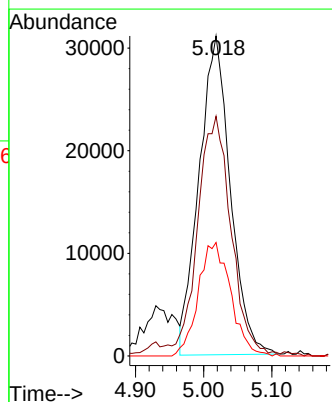
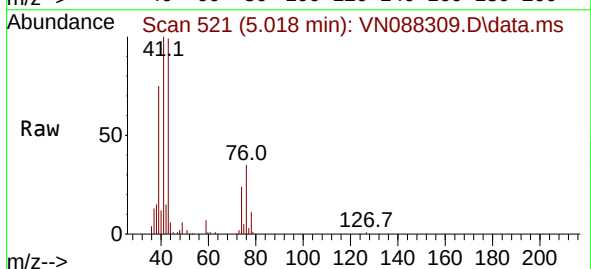
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

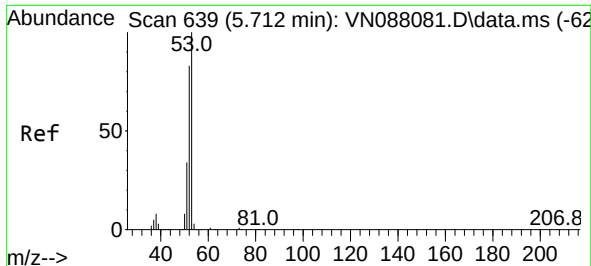
Tgt Ion: 56 Resp: 73590
Ion Ratio Lower Upper
56 100
55 71.0 57.3 85.9



#14
Allyl chloride
Concen: 19.397 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.012 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 41 Resp: 99091
Ion Ratio Lower Upper
41 100
39 78.4 63.9 95.9
76 36.9 28.1 42.1

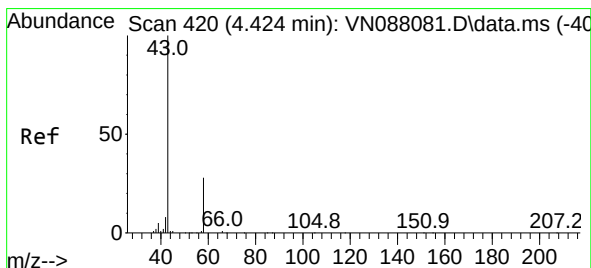
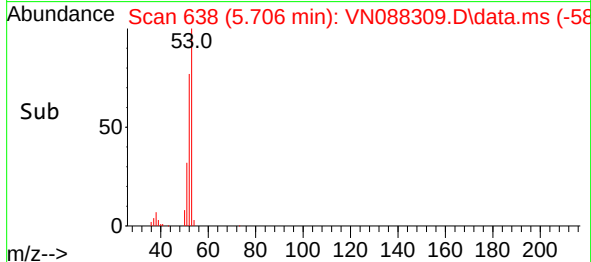
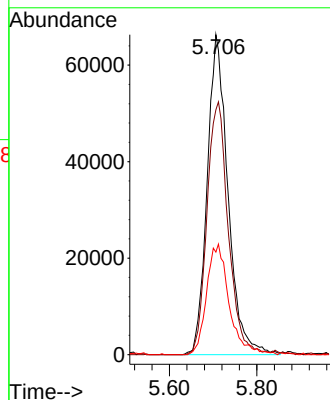
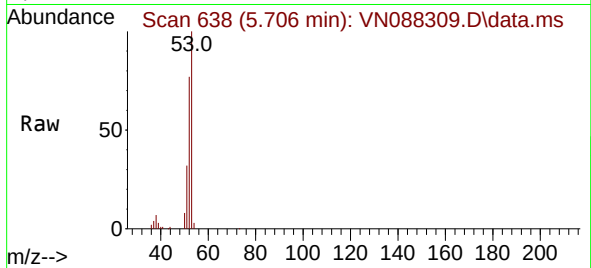




#15
Acrylonitrile
Concen: 116.685 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

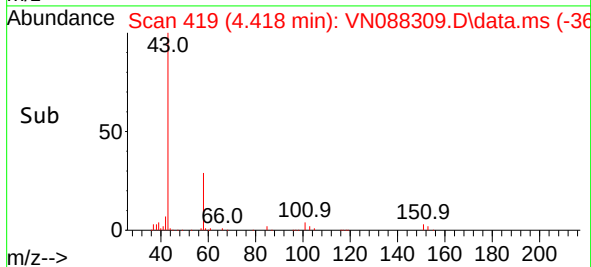
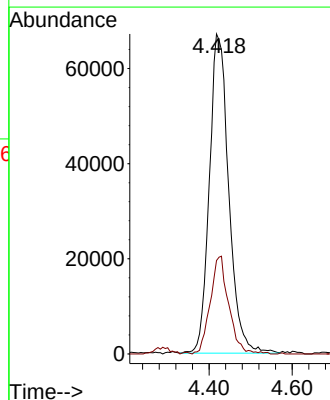
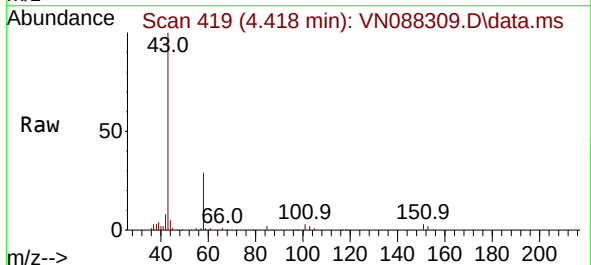
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

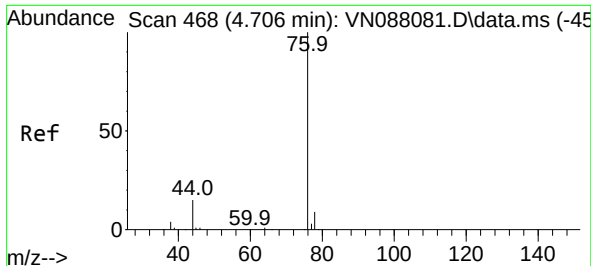
Tgt Ion: 53 Resp: 219566
Ion Ratio Lower Upper
53 100
52 81.0 67.6 101.4
51 37.4 30.1 45.1



#16
Acetone
Concen: 107.939 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 43 Resp: 217438
Ion Ratio Lower Upper
43 100
58 29.3 22.6 33.8

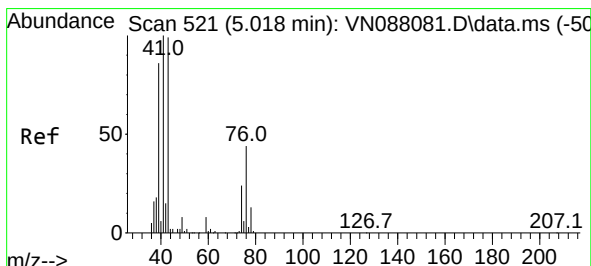
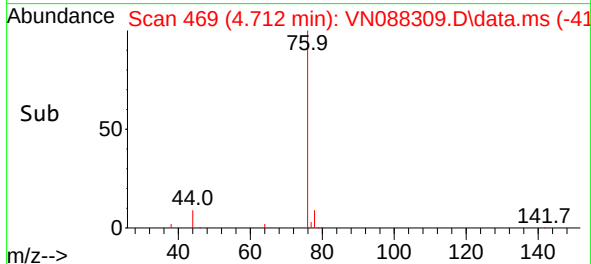
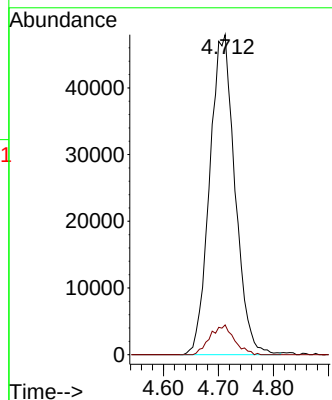
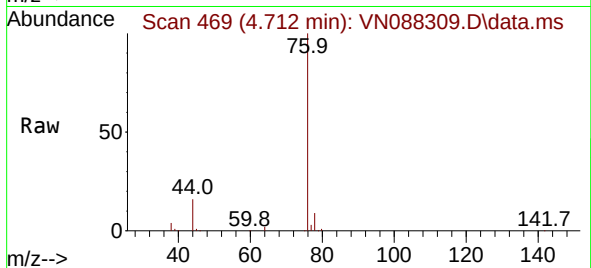




#17
Carbon Disulfide
Concen: 17.316 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

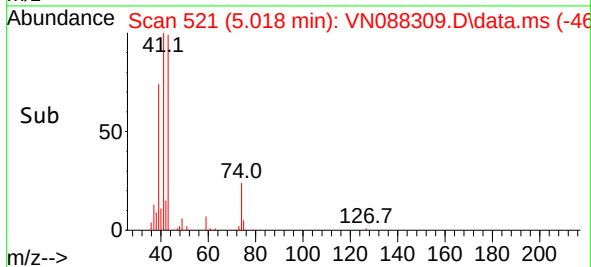
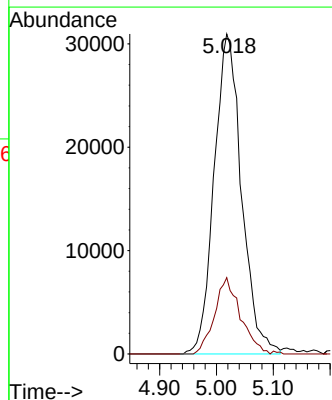
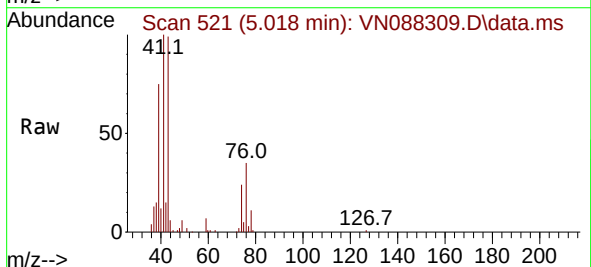
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

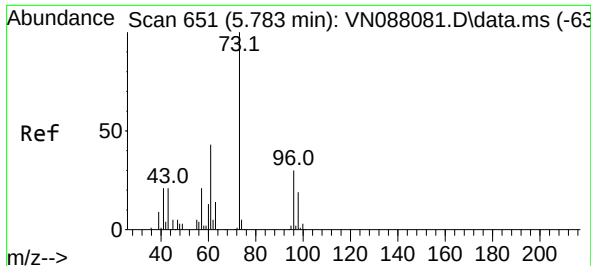
Tgt Ion: 76 Resp: 153417
Ion Ratio Lower Upper
76 100
78 9.3 7.6 11.4



#18
Methyl Acetate
Concen: 25.147 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 43 Resp: 103709
Ion Ratio Lower Upper
43 100
74 22.4 17.6 26.4

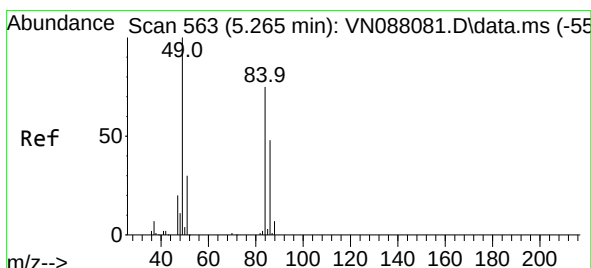
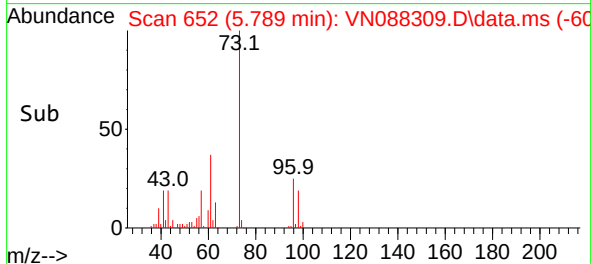
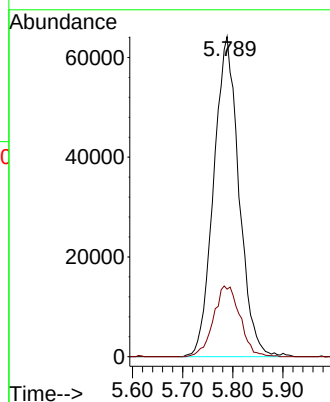
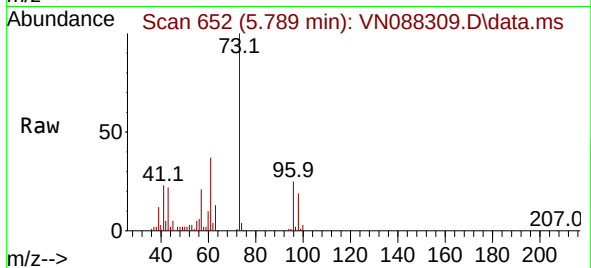




#19
Methyl tert-butyl Ether
Concen: 20.982 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

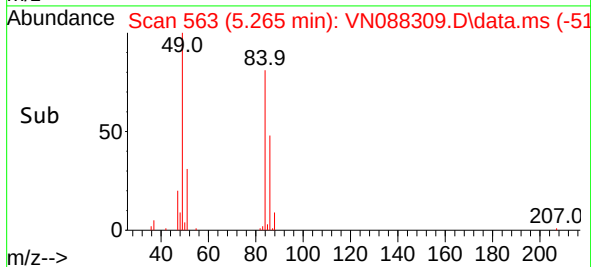
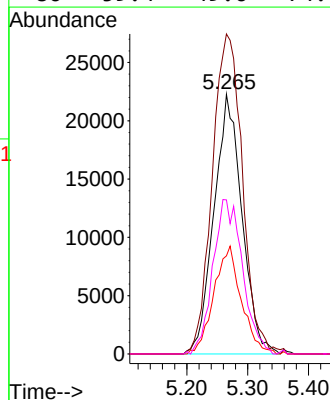
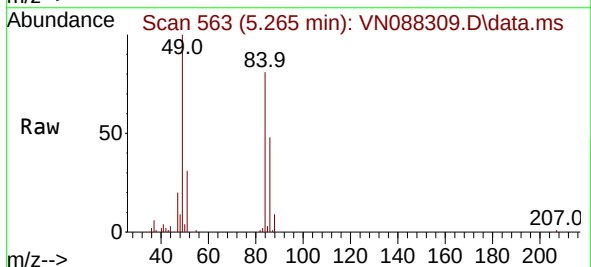
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

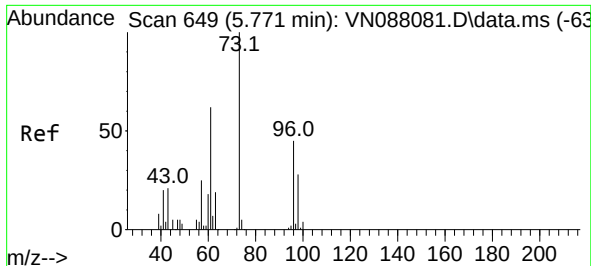
Tgt Ion: 73 Resp: 224583
Ion Ratio Lower Upper
73 100
57 21.1 18.4 27.6



#20
Methylene Chloride
Concen: 21.039 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 84 Resp: 71143
Ion Ratio Lower Upper
84 100
49 123.2 103.4 155.2
51 37.8 33.8 50.8
86 59.4 49.6 74.4

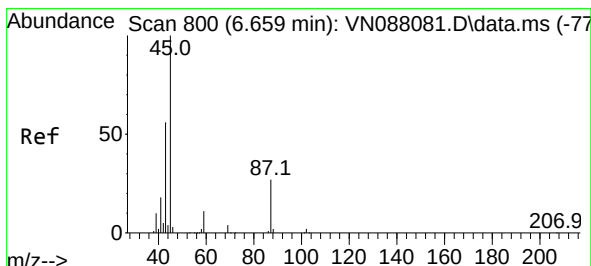
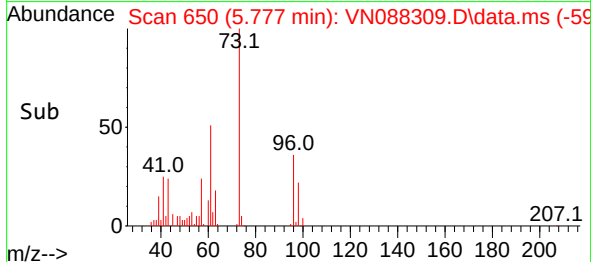
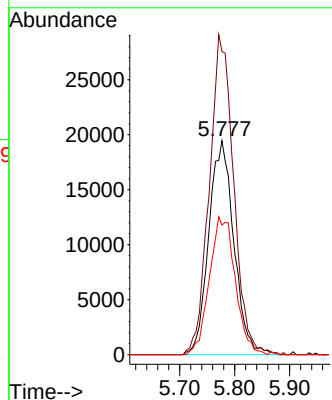
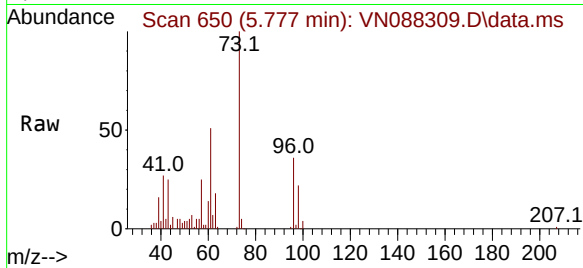




#21
trans-1,2-Dichloroethene
Concen: 19.312 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

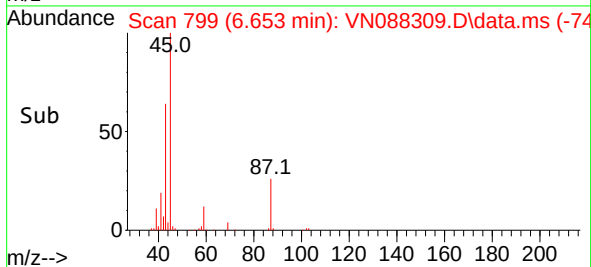
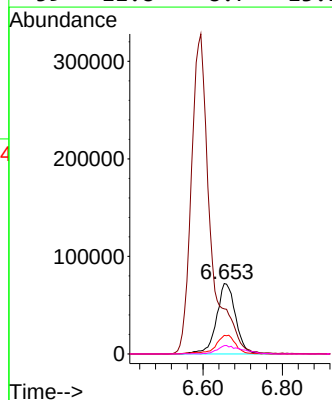
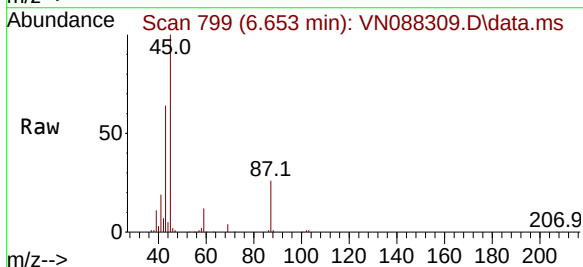
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

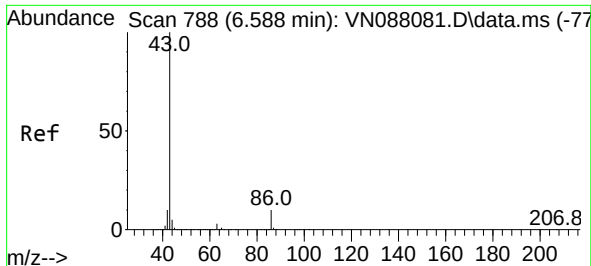
Tgt Ion: 96 Resp: 61782
Ion Ratio Lower Upper
96 100
61 141.8 118.0 177.0
98 60.6 50.0 75.0



#22
Diisopropyl ether
Concen: 22.453 ug/l
RT: 6.653 min Scan# 799
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 45 Resp: 241218
Ion Ratio Lower Upper
45 100
43 63.2 47.7 71.5
87 26.5 21.4 32.0
59 11.8 8.7 13.1

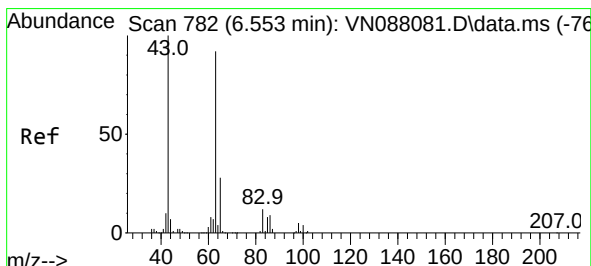
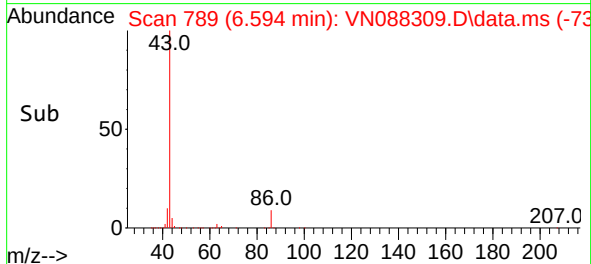
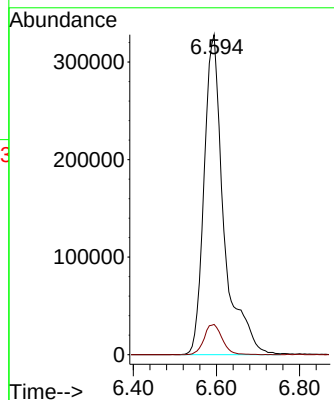
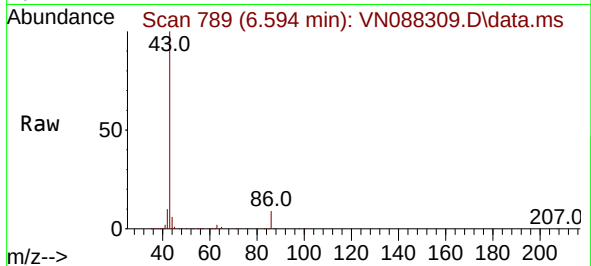




#23
 Vinyl Acetate
 Concen: 111.934 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

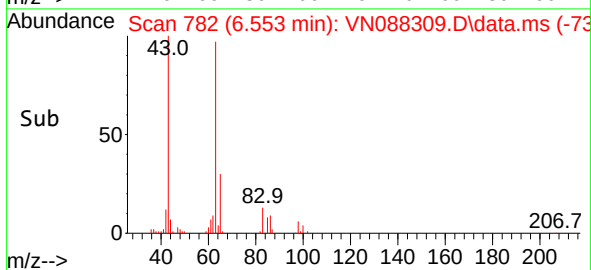
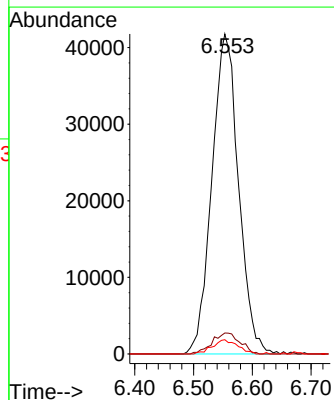
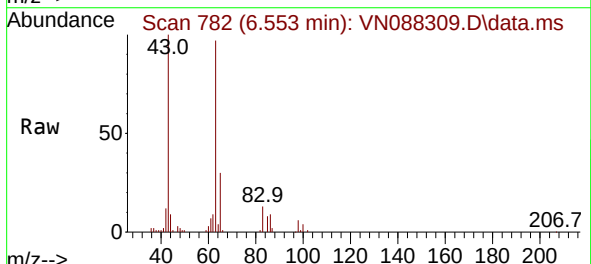
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

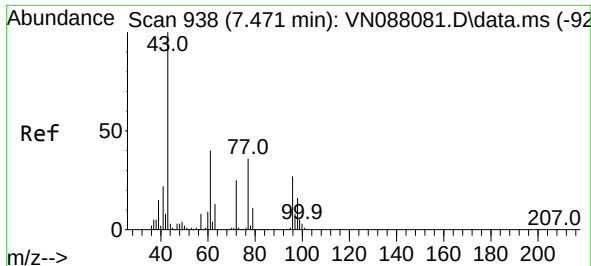
Tgt Ion: 43 Resp: 1083238
 Ion Ratio Lower Upper
 43 100
 86 9.4 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 22.106 ug/l
 RT: 6.553 min Scan# 782
 Delta R.T. 0.006 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

Tgt Ion: 63 Resp: 131559
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.8 11.4
 100 4.4 2.0 6.0

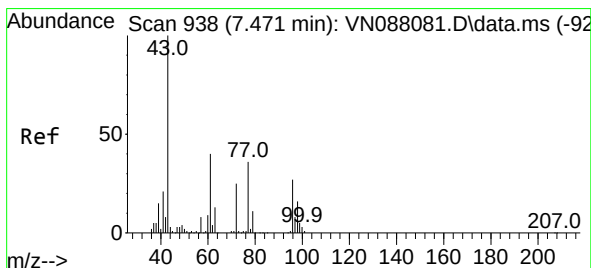
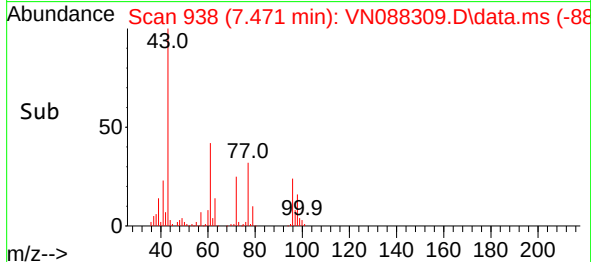
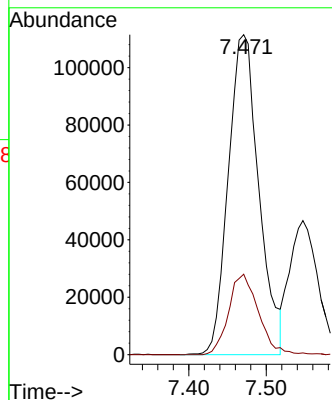
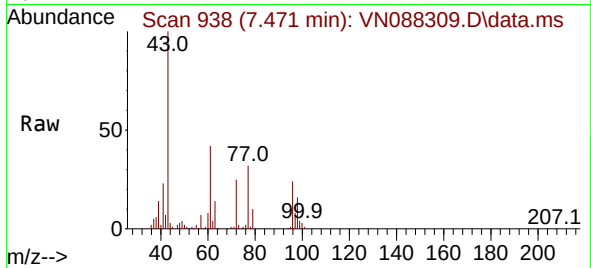




#25
2-Butanone
Concen: 115.413 ug/l
RT: 7.471 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

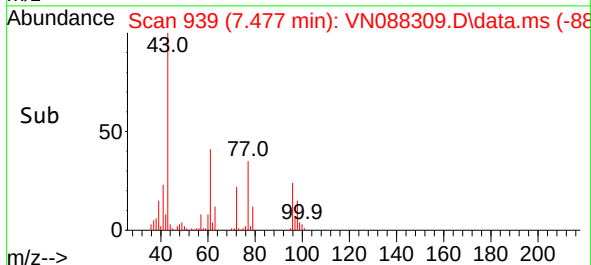
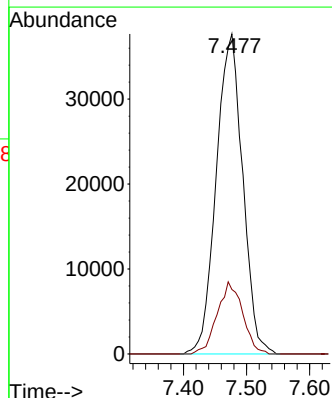
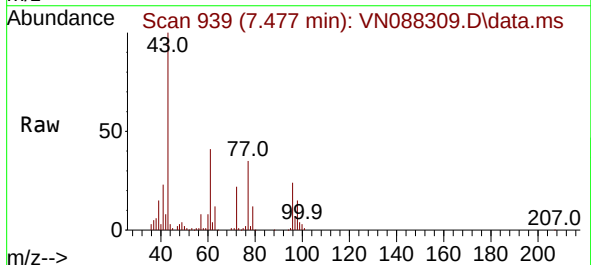
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

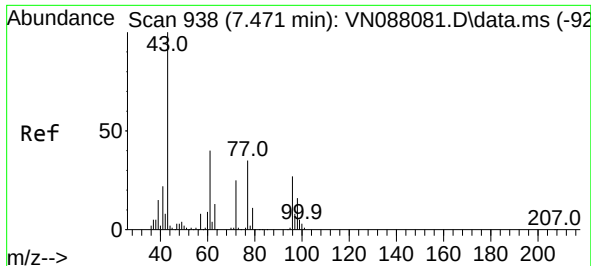
Tgt Ion: 43 Resp: 306392
Ion Ratio Lower Upper
43 100
72 25.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 20.239 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 77 Resp: 109455
Ion Ratio Lower Upper
77 100
97 21.7 10.9 32.7

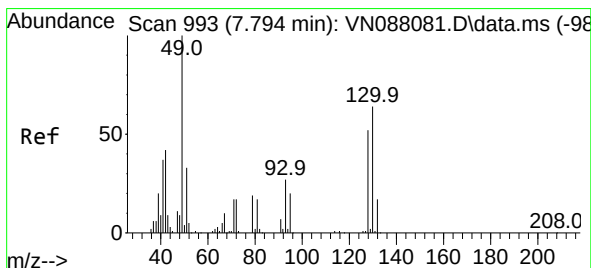
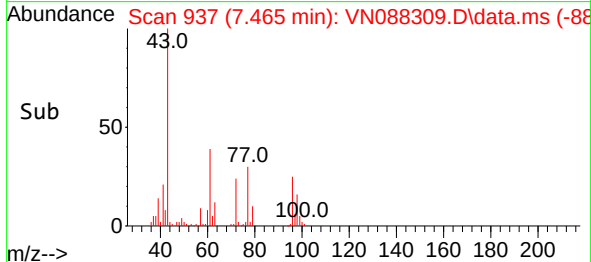
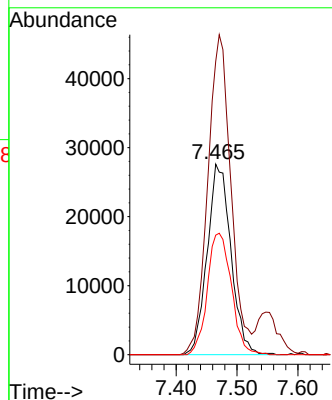
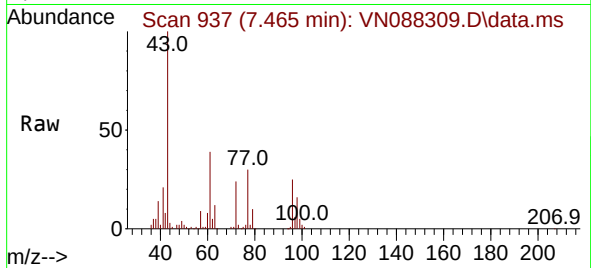




#27
 cis-1,2-Dichloroethene
 Concen: 20.311 ug/l
 RT: 7.465 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

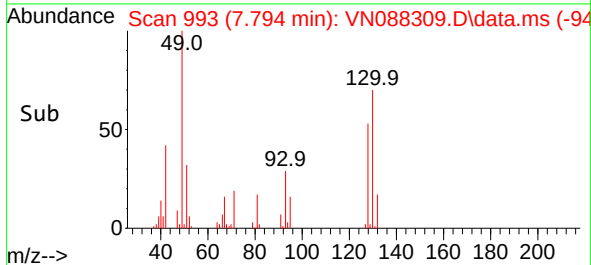
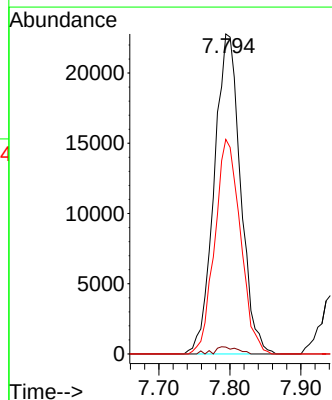
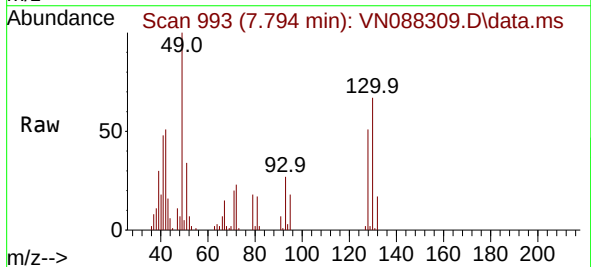
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

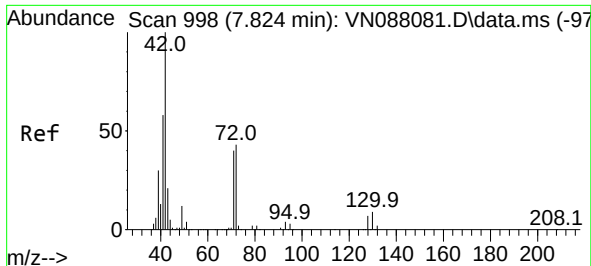
Tgt Ion: 96 Resp: 74804
 Ion Ratio Lower Upper
 96 100
 61 163.4 0.0 301.8
 98 64.5 0.0 126.2



#28
 Bromochloromethane
 Concen: 20.833 ug/l
 RT: 7.794 min Scan# 993
 Delta R.T. -0.006 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

Tgt Ion: 49 Resp: 58581
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.0
 130 65.5 53.1 79.7

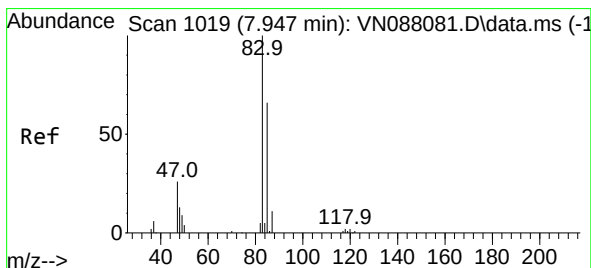
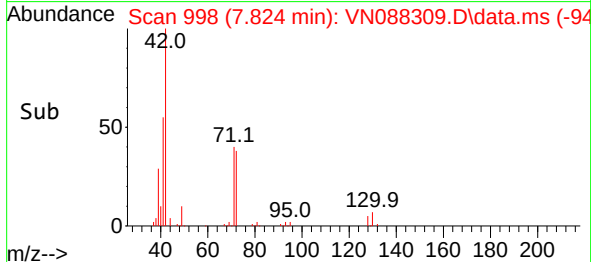
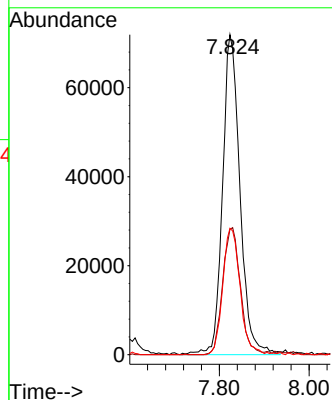
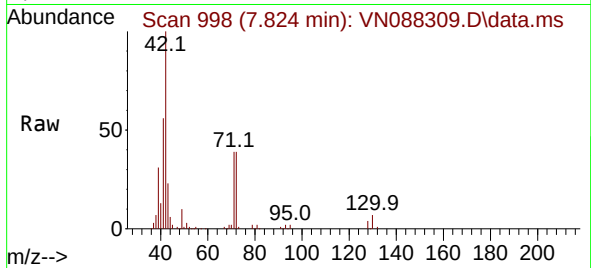




#29
Tetrahydrofuran
Concen: 112.535 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

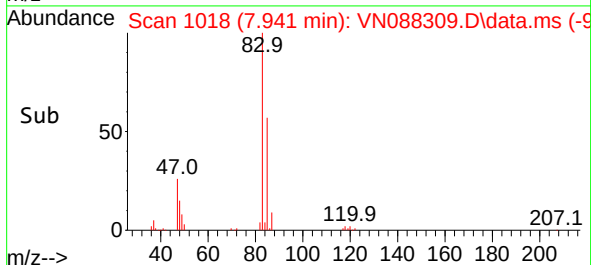
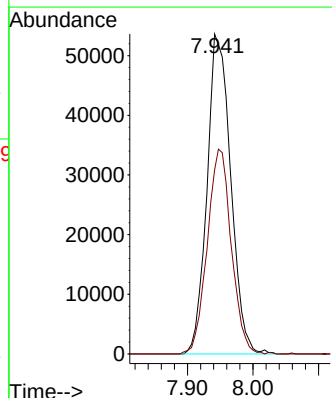
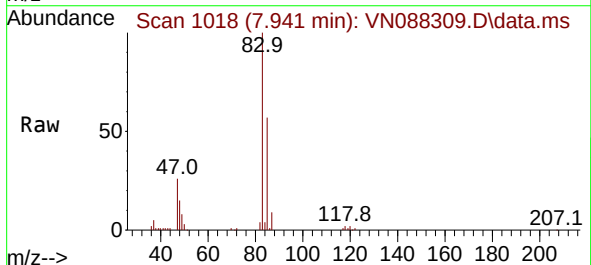
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

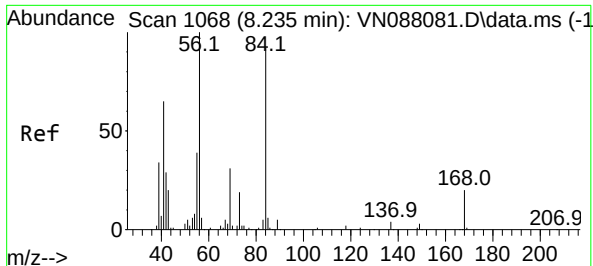
Tgt Ion: 42 Resp: 194697
Ion Ratio Lower Upper
42 100
72 40.3 33.7 50.5
71 39.5 31.9 47.9



#30
Chloroform
Concen: 22.700 ug/l
RT: 7.941 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 83 Resp: 134961
Ion Ratio Lower Upper
83 100
85 57.5 50.7 76.1

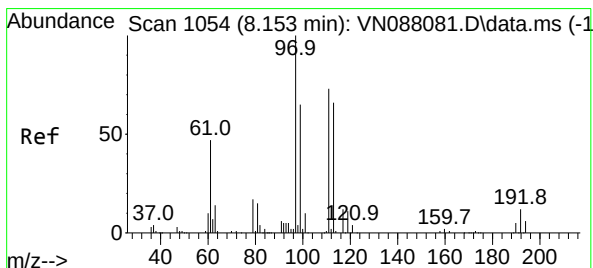
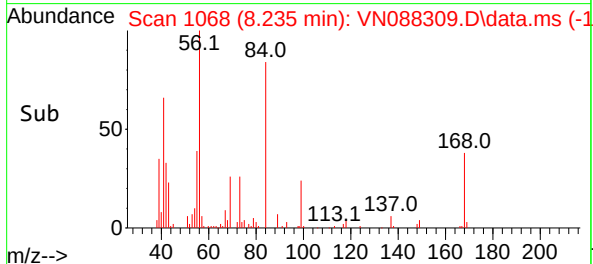
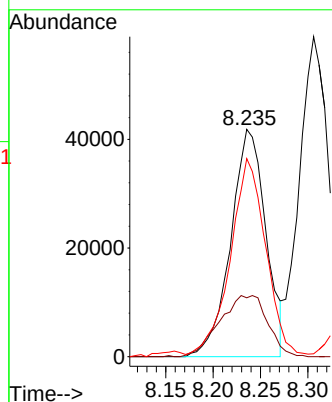
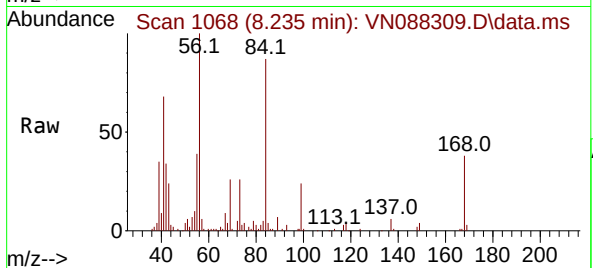




#31
Cyclohexane
Concen: 19.203 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

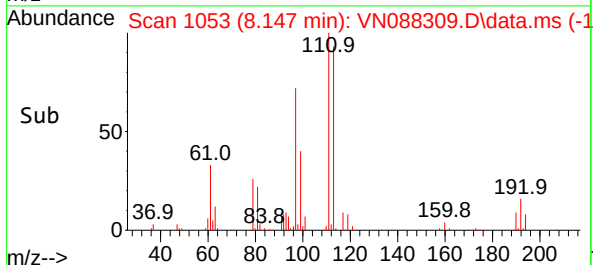
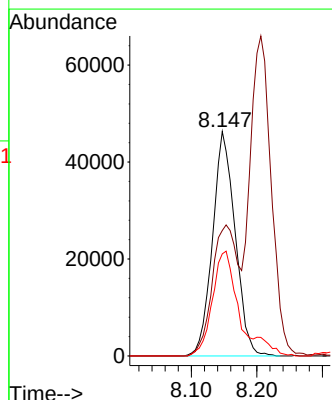
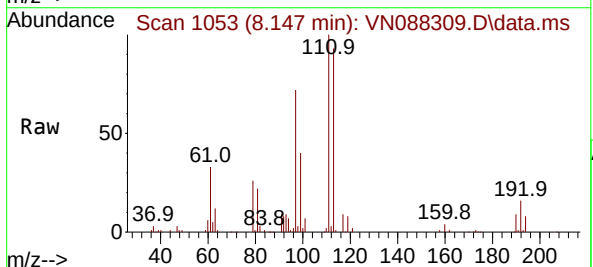
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

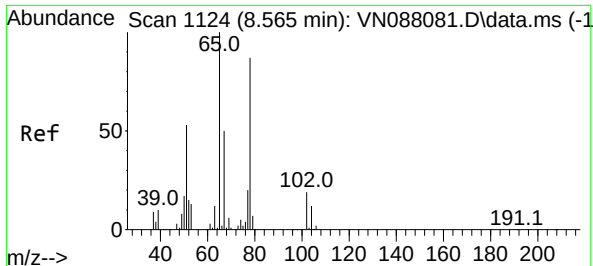
Tgt Ion: 56 Resp: 107784
Ion Ratio Lower Upper
56 100
69 25.2 23.7 35.5
84 85.3 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 20.900 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 97 Resp: 110672
Ion Ratio Lower Upper
97 100
99 67.1 52.2 78.2
61 50.1 41.2 61.8

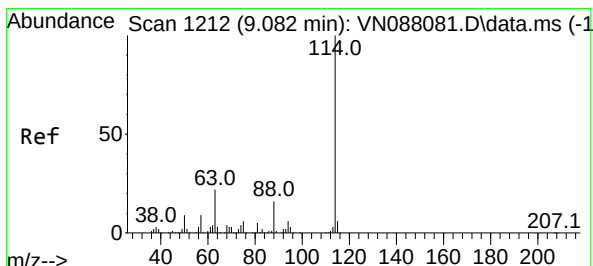
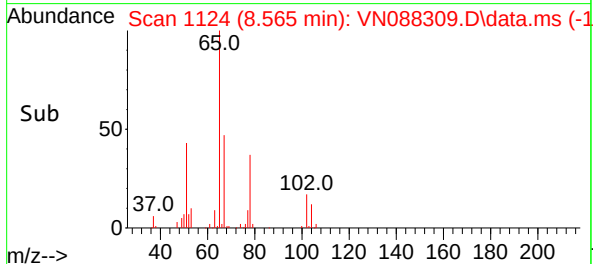
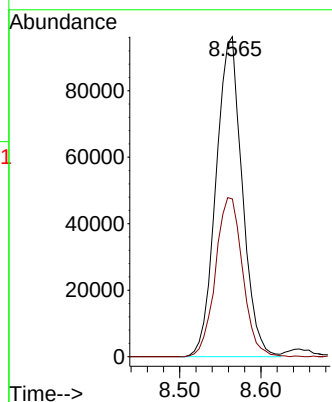
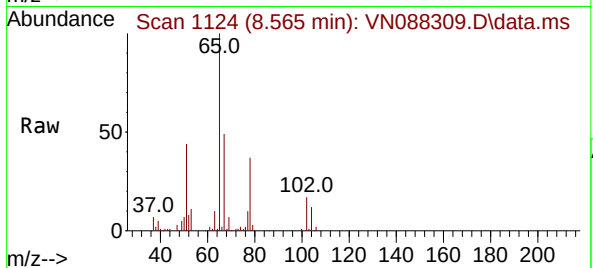




#33
 1,2-Dichloroethane-d4
 Concen: 53.906 ug/l
 RT: 8.565 min Scan# 1124
 Delta R.T. 0.006 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

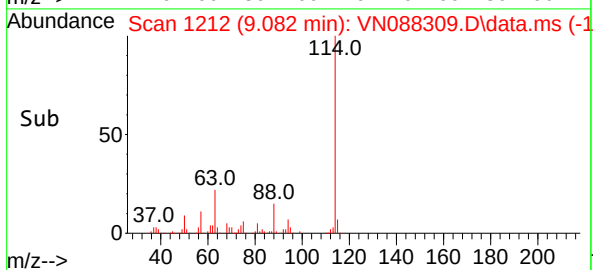
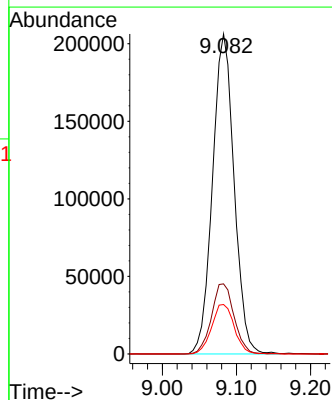
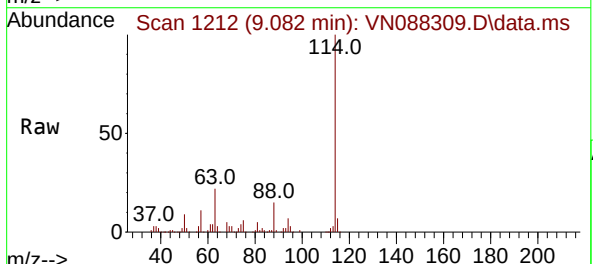
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

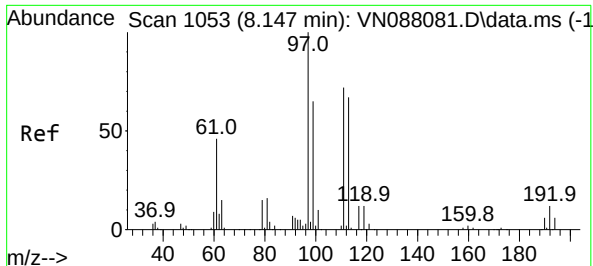
Tgt Ion: 65 Resp: 216152
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

Tgt Ion: 114 Resp: 417439
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 45.2
 88 15.4 0.0 33.4

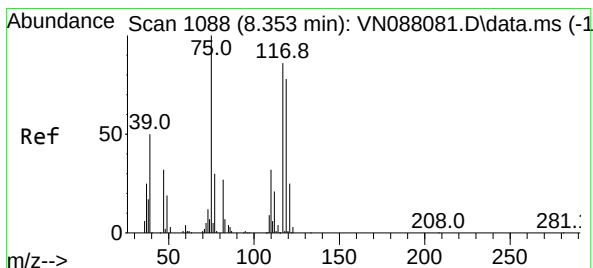
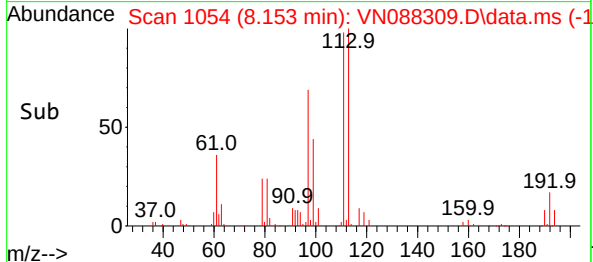
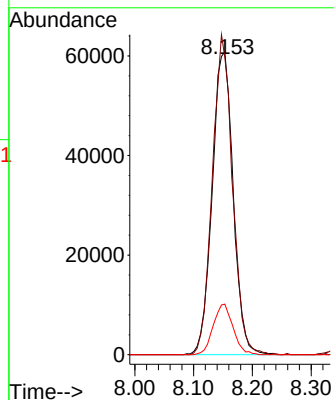
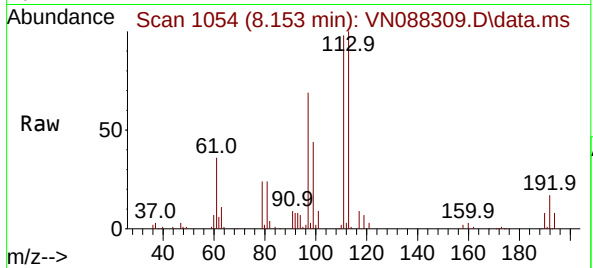




#35
Dibromofluoromethane
Concen: 53.883 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

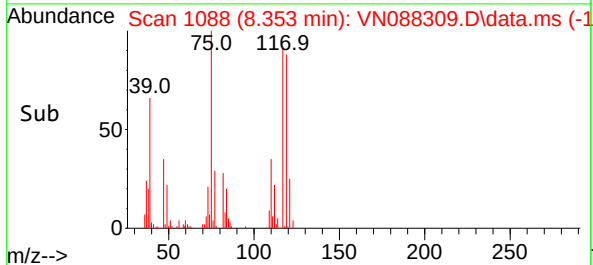
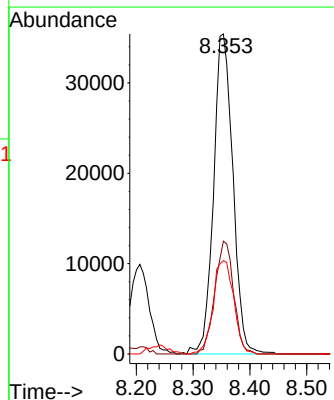
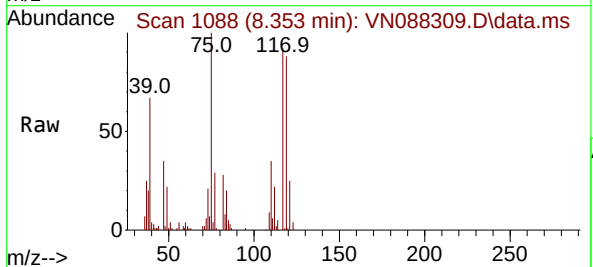
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

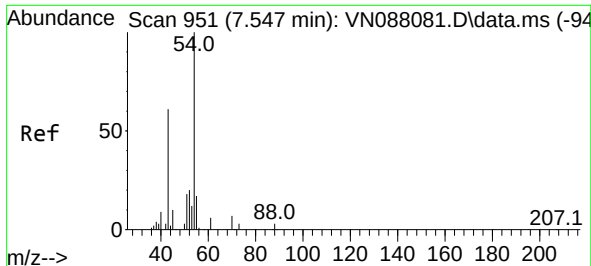
Tgt Ion:113 Resp: 151108
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 15.8 12.8 19.2



#36
1,1-Dichloropropene
Concen: 20.465 ug/l
RT: 8.353 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 75 Resp: 83798
Ion Ratio Lower Upper
75 100
110 34.3 15.9 47.6
77 31.1 24.4 36.6

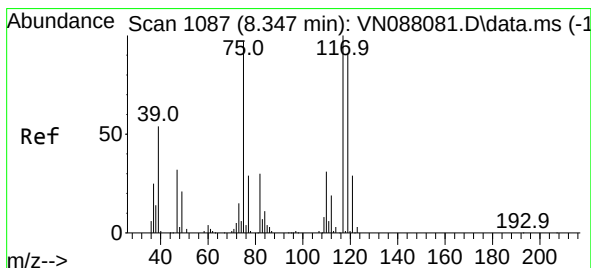
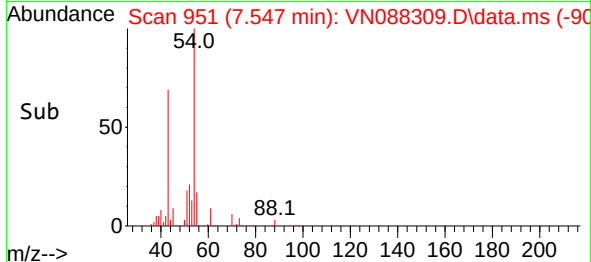
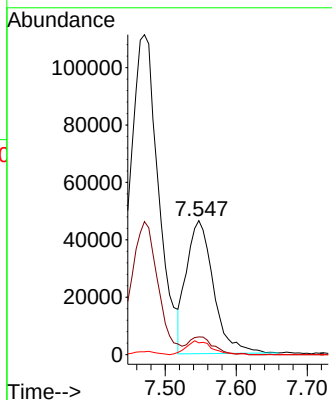
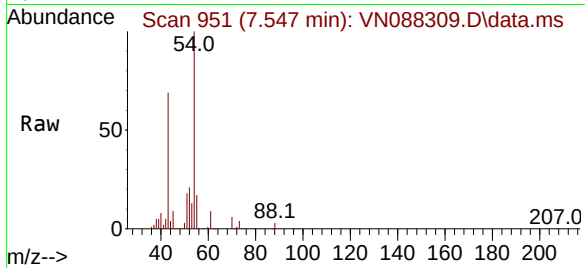




#37
Ethyl Acetate
Concen: 23.149 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

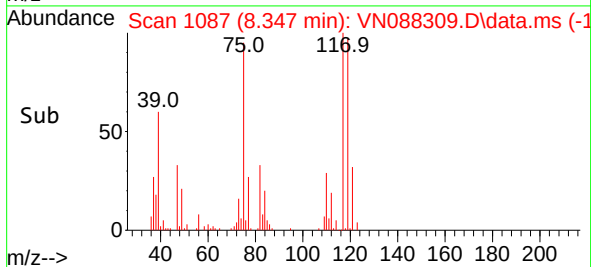
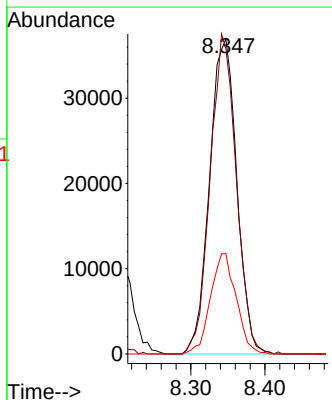
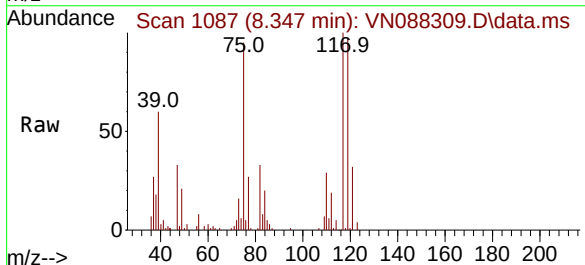
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

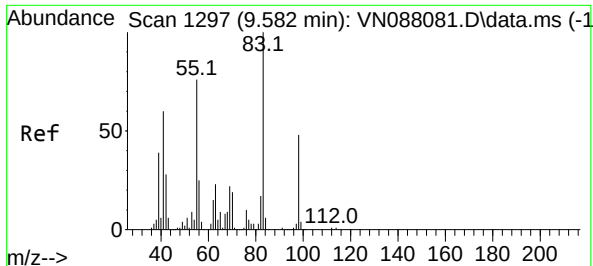
Tgt Ion: 43 Resp: 122322
Ion Ratio Lower Upper
43 100
61 11.6 9.3 13.9
70 9.8 7.0 10.6



#38
Carbon Tetrachloride
Concen: 22.308 ug/l
RT: 8.347 min Scan# 1087
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 117 Resp: 94344
Ion Ratio Lower Upper
117 100
119 96.9 79.0 118.6
121 31.9 25.0 37.6





#39

Methylcyclohexane

Concen: 17.737 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

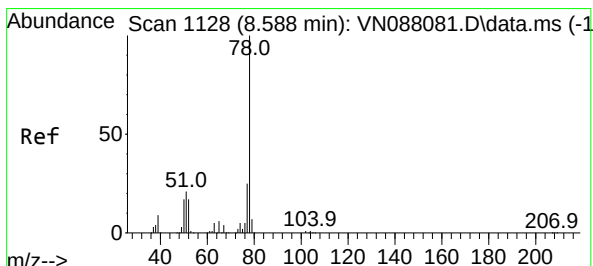
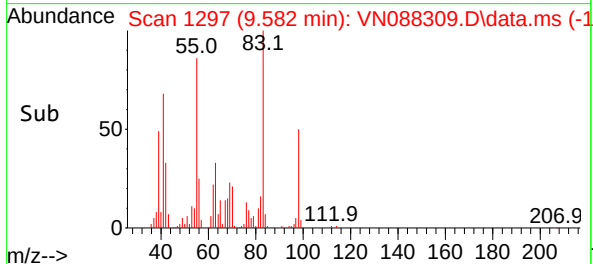
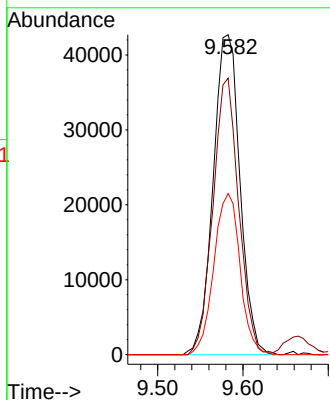
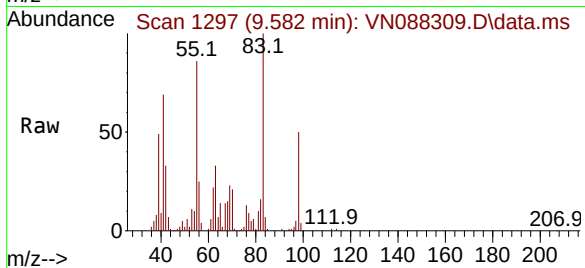
Tgt Ion: 83 Resp: 93352

Ion Ratio Lower Upper

83 100

55 86.4 64.6 96.8

98 50.4 38.4 57.6



#40

Benzene

Concen: 21.715 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088309.D

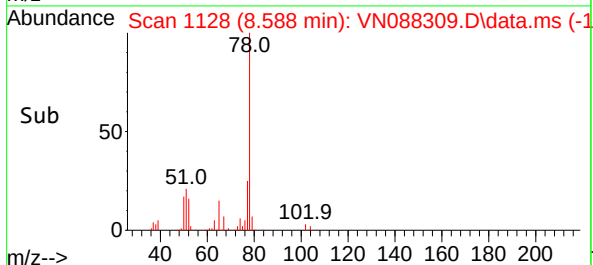
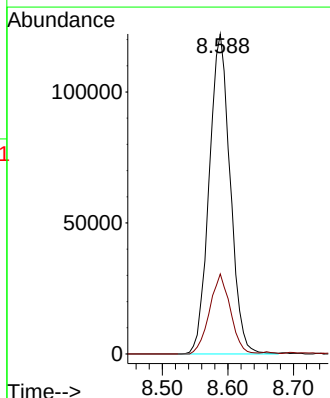
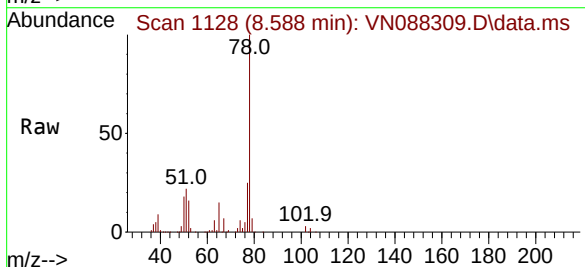
Acq: 18 Nov 2025 11:35

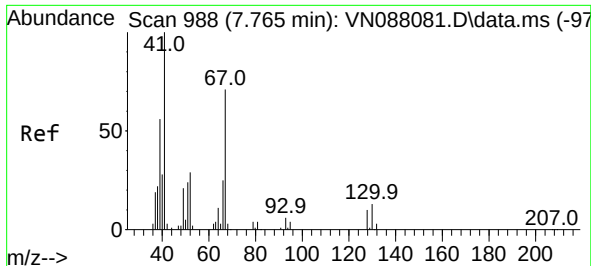
Tgt Ion: 78 Resp: 270790

Ion Ratio Lower Upper

78 100

77 25.0 19.7 29.5

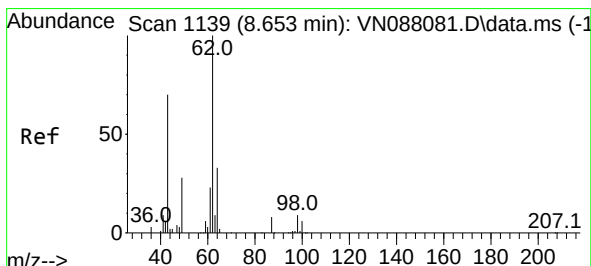
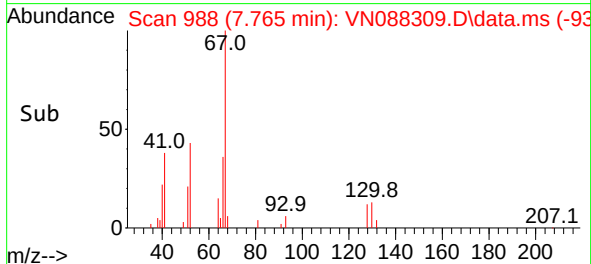
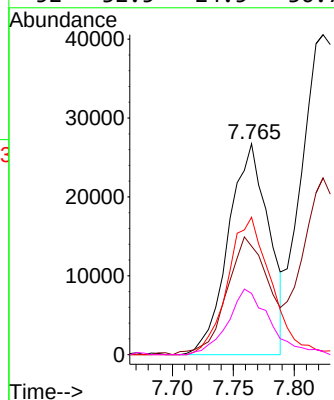
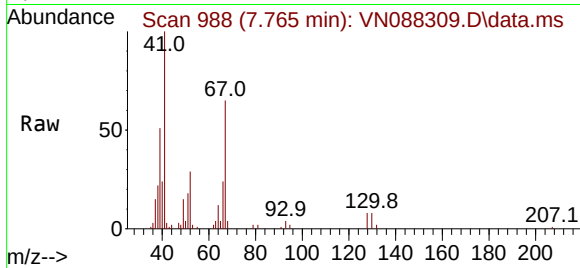




#41
Methacrylonitrile
Concen: 22.259 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

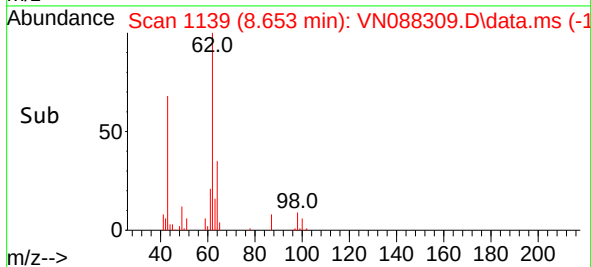
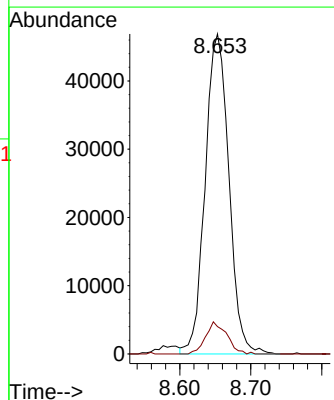
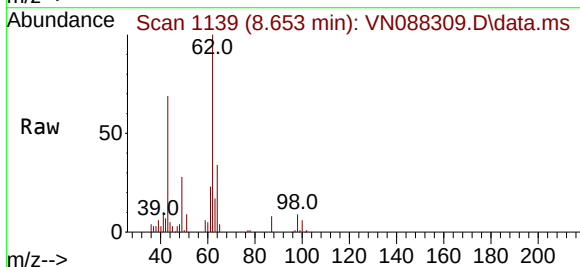
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

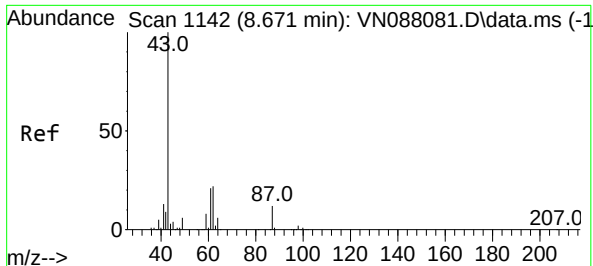
Tgt Ion:	41	Resp:	61906
Ion	Ratio	Lower	Upper
41	100		
39	57.7	45.4	68.0
67	70.5	55.3	82.9
52	32.5	24.5	36.7



#42
1,2-Dichloroethane
Concen: 24.537 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion:	62	Resp:	108720
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4

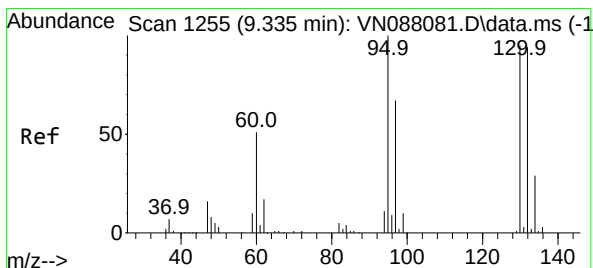
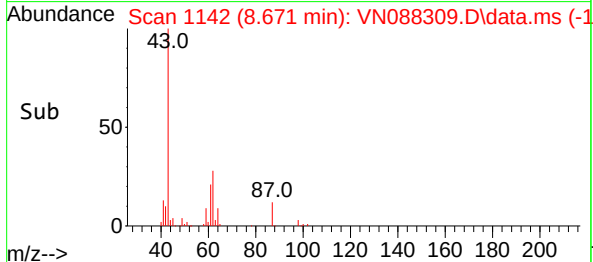
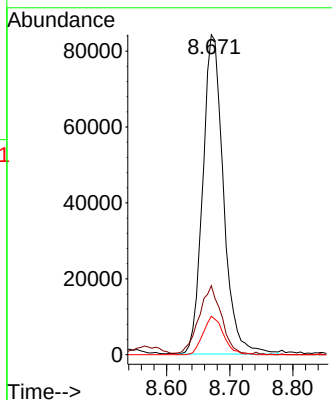
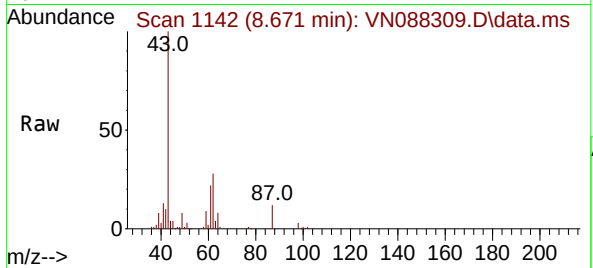




#43
Isopropyl Acetate
Concen: 23.569 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

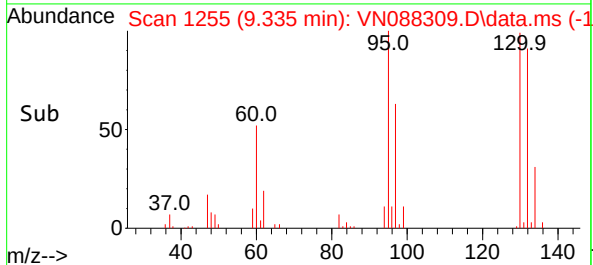
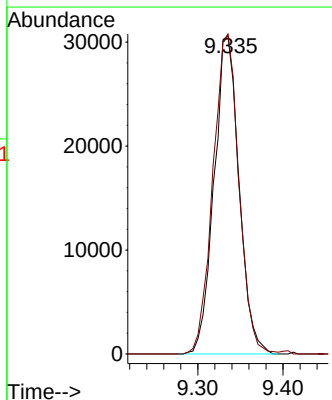
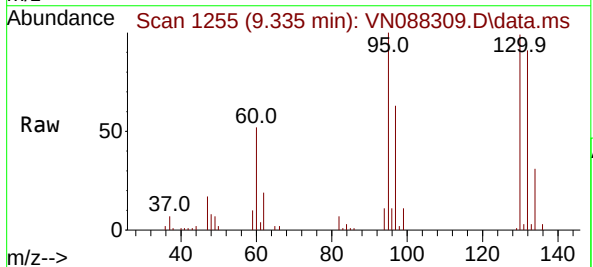
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

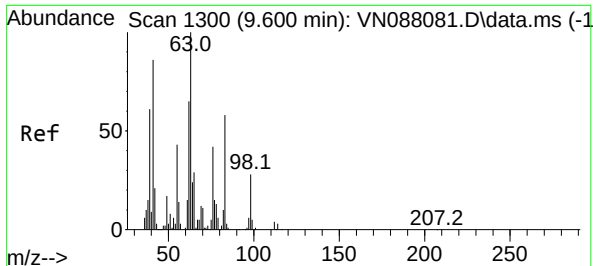
Tgt Ion: 43 Resp: 191377
Ion Ratio Lower Upper
43 100
61 23.3 18.8 28.2
87 11.8 9.6 14.4



#44
Trichloroethene
Concen: 21.407 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion:130 Resp: 62398
Ion Ratio Lower Upper
130 100
95 100.6 0.0 212.0





#45

1,2-Dichloropropane

Concen: 23.497 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

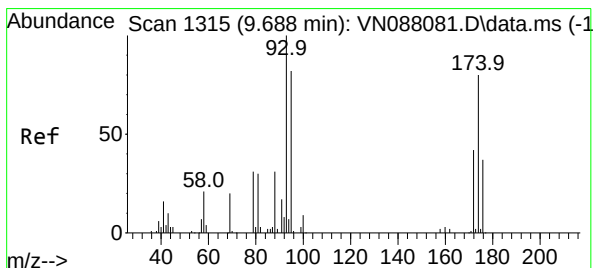
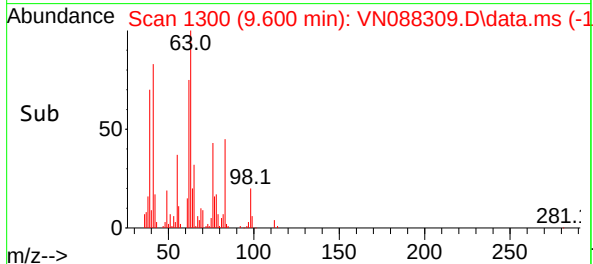
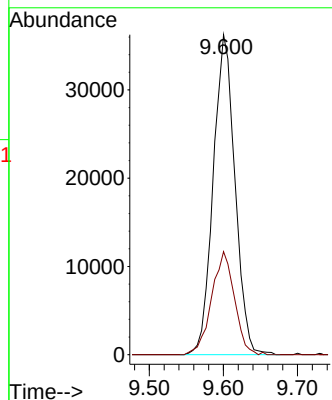
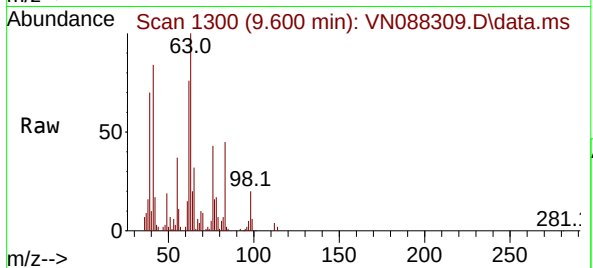
VN1118WBSD01

Tgt Ion: 63 Resp: 73974

Ion Ratio Lower Upper

63 100

65 32.2 25.0 37.4



#46

Dibromomethane

Concen: 24.001 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

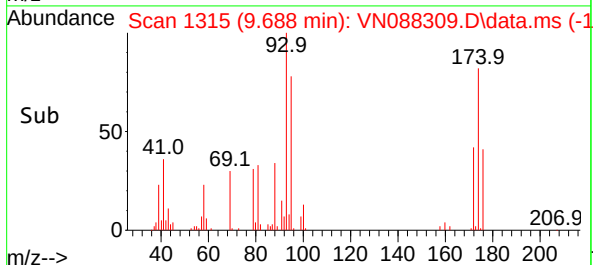
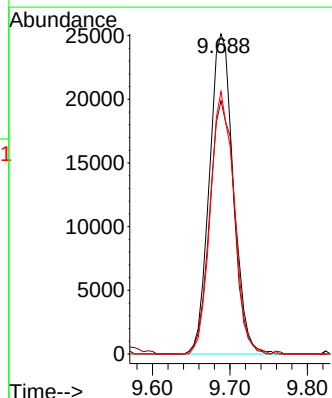
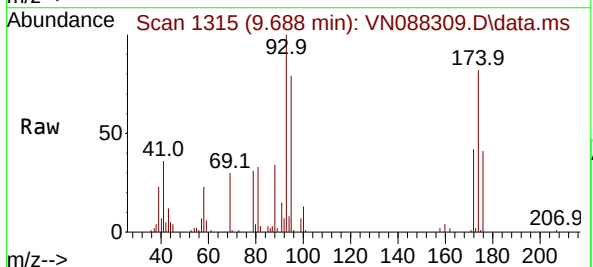
Tgt Ion: 93 Resp: 53891

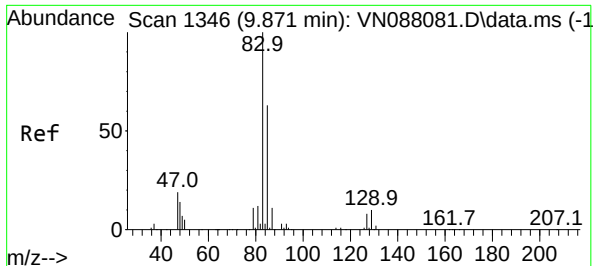
Ion Ratio Lower Upper

93 100

95 81.0 66.2 99.4

174 81.0 63.4 95.2

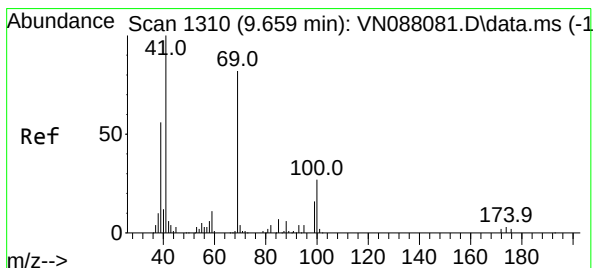
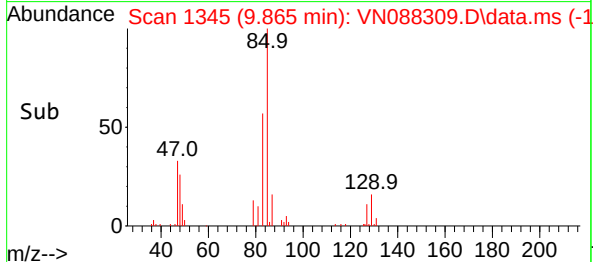
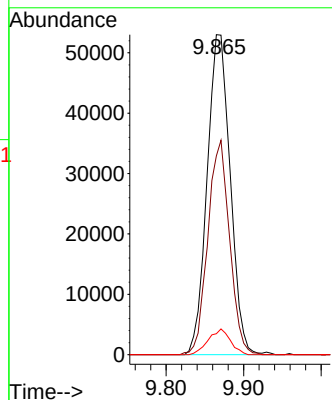
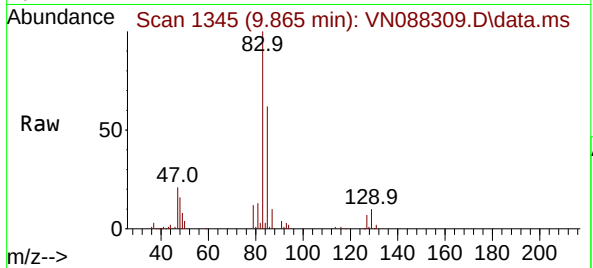




#47
Bromodichloromethane
Concen: 24.475 ug/l
RT: 9.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

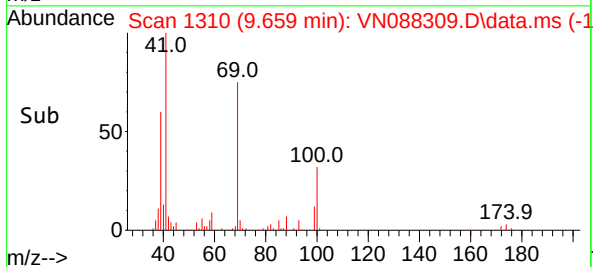
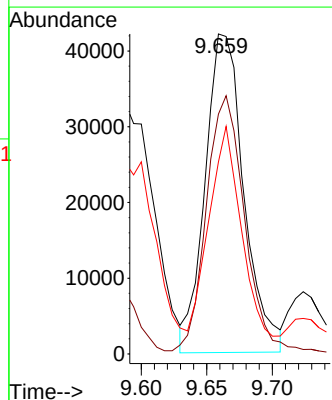
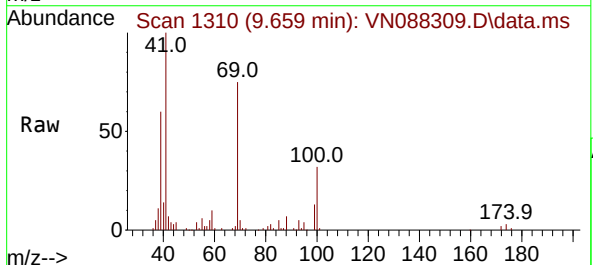
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

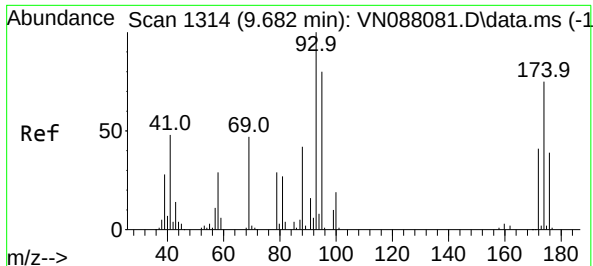
Tgt Ion: 83 Resp: 110027
Ion Ratio Lower Upper
83 100
85 62.1 52.5 78.7
127 6.5 5.8 8.6



#48
Methyl methacrylate
Concen: 23.104 ug/l
RT: 9.659 min Scan# 1310
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 41 Resp: 86610
Ion Ratio Lower Upper
41 100
69 79.6 62.7 94.1
39 62.5 52.9 79.3





#49

1,4-Dioxane

Concen: 491.588 ug/l

RT: 9.677 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

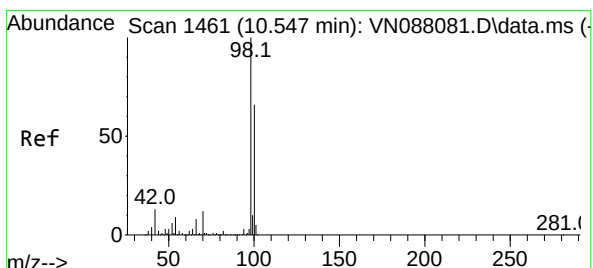
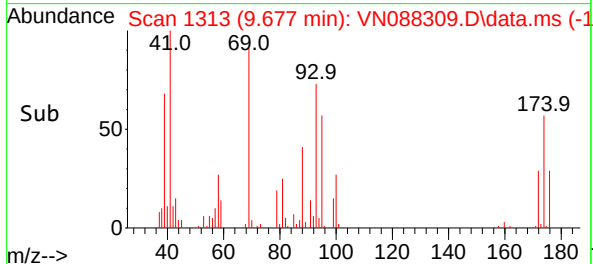
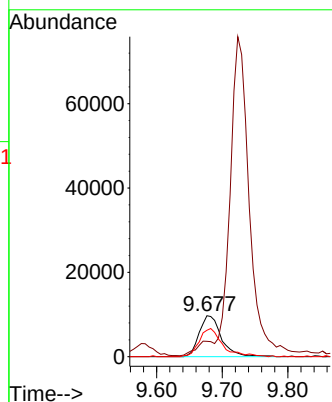
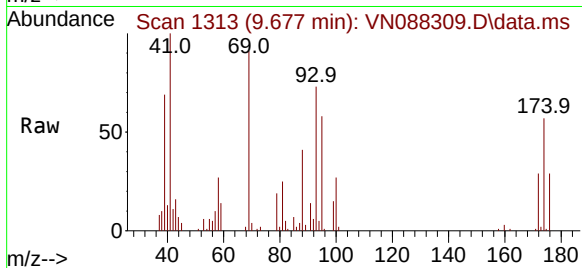
Tgt Ion: 88 Resp: 22920

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 72.0 57.9 86.9



#50

Toluene-d8

Concen: 49.739 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088309.D

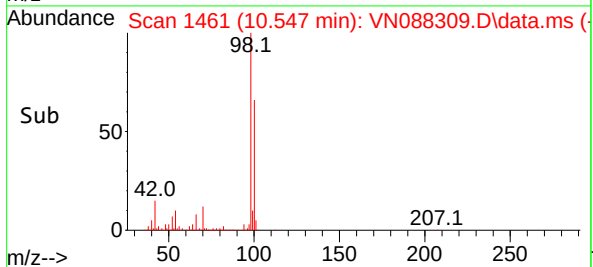
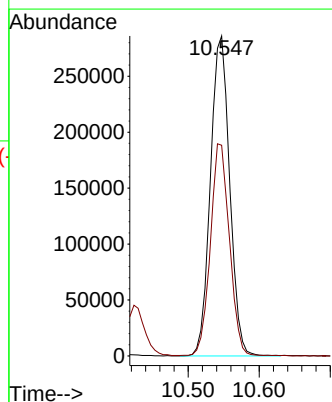
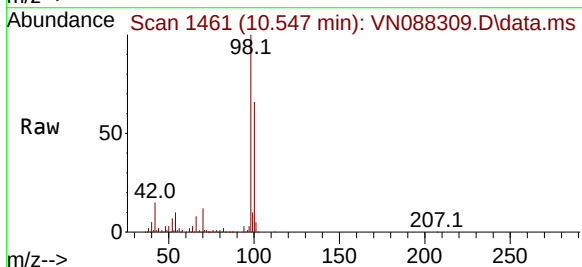
Acq: 18 Nov 2025 11:35

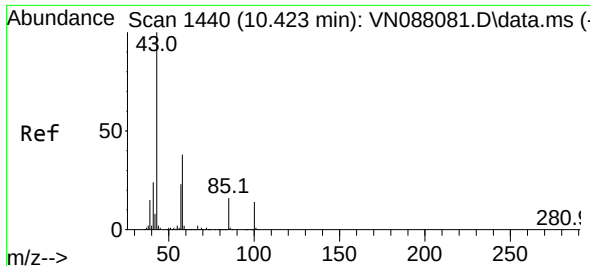
Tgt Ion: 98 Resp: 537465

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2

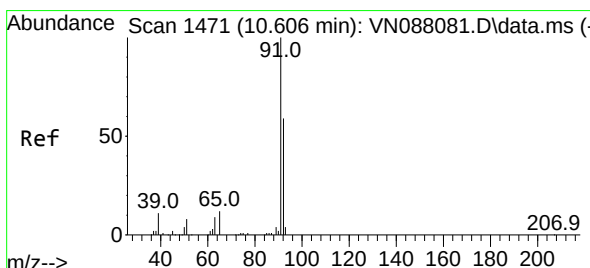
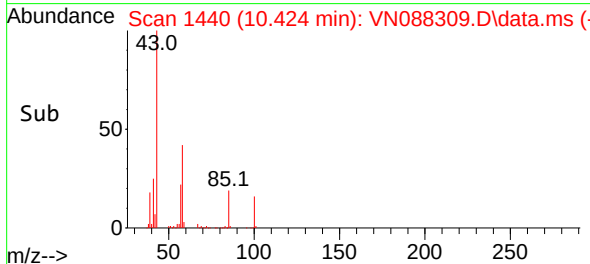
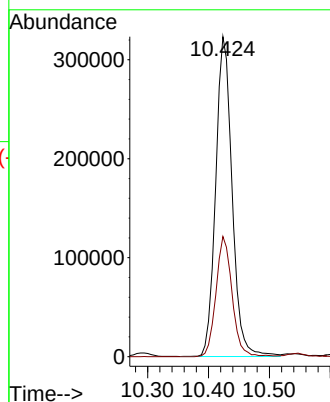
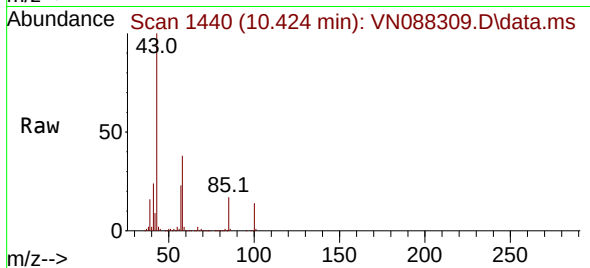




#51
4-Methyl-2-Pentanone
Concen: 126.017 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

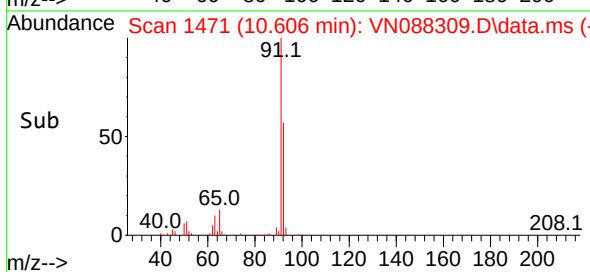
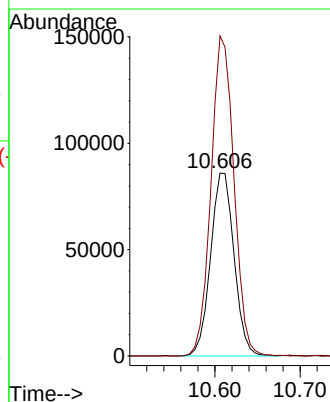
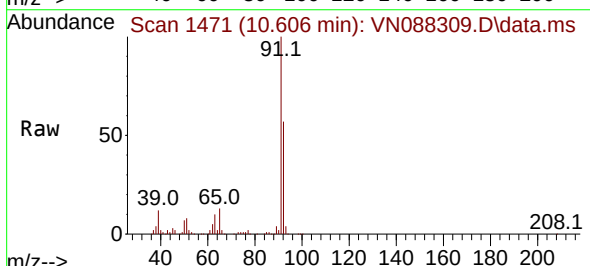
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

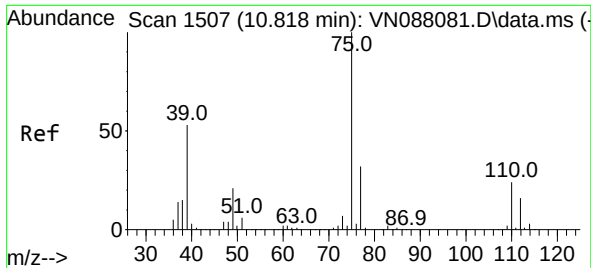
Tgt Ion: 43 Resp: 605325
Ion Ratio Lower Upper
43 100
58 36.9 29.6 44.4



#52
Toluene
Concen: 21.415 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 92 Resp: 164650
Ion Ratio Lower Upper
92 100
91 171.3 140.4 210.6

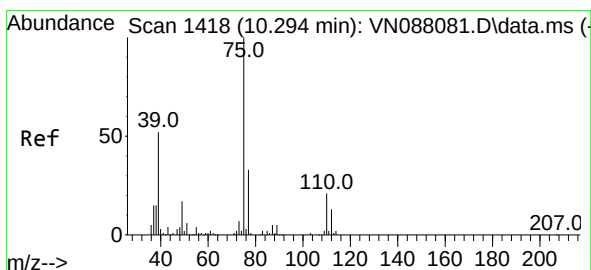
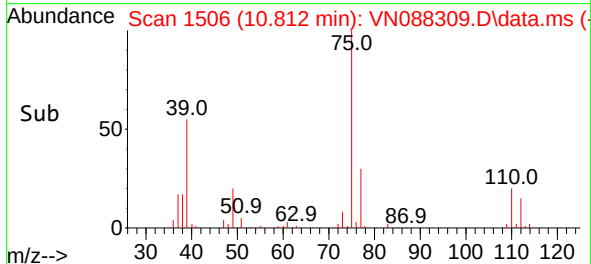
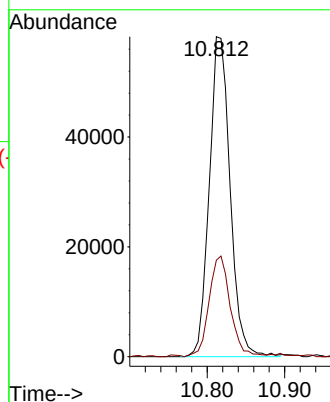
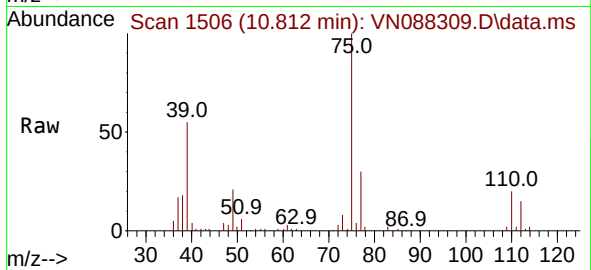




#53
 t-1,3-Dichloropropene
 Concen: 22.735 ug/l
 RT: 10.812 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

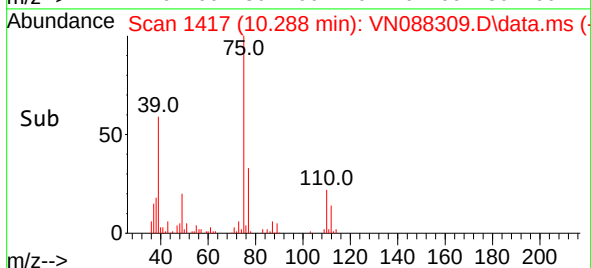
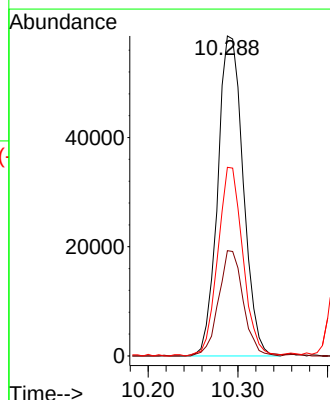
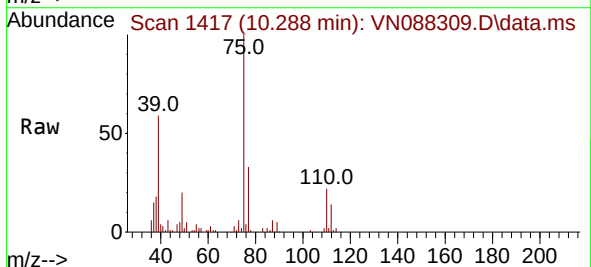
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

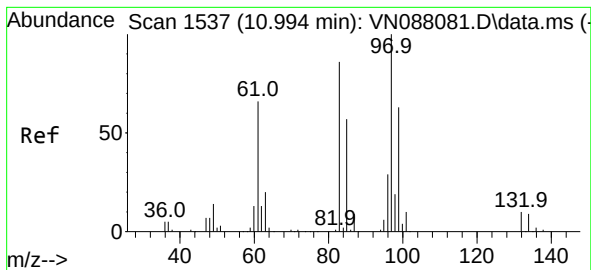
Tgt Ion: 75 Resp: 108779
 Ion Ratio Lower Upper
 75 100
 77 29.8 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.771 ug/l
 RT: 10.288 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

Tgt Ion: 75 Resp: 115610
 Ion Ratio Lower Upper
 75 100
 77 32.9 24.6 37.0
 39 58.6 45.2 67.8





#55

1,1,2-Trichloroethane

Concen: 23.441 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tgt Ion: 97 Resp: 68377

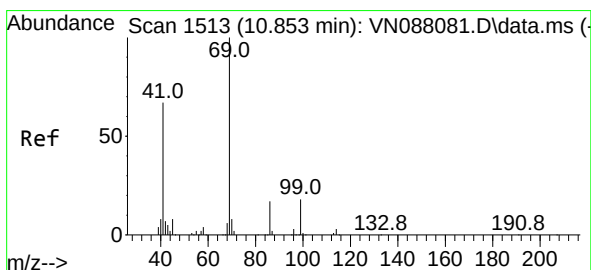
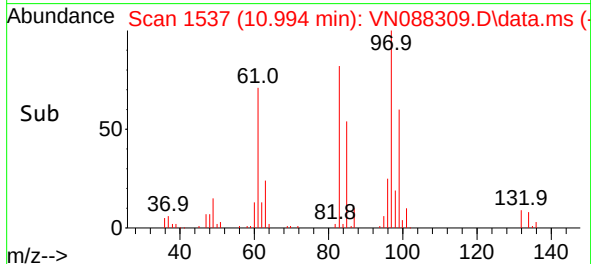
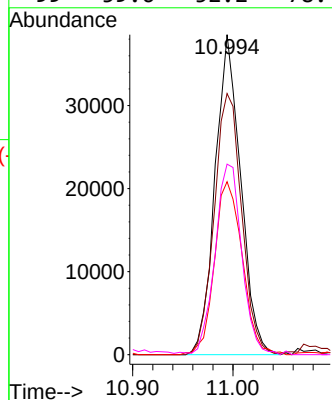
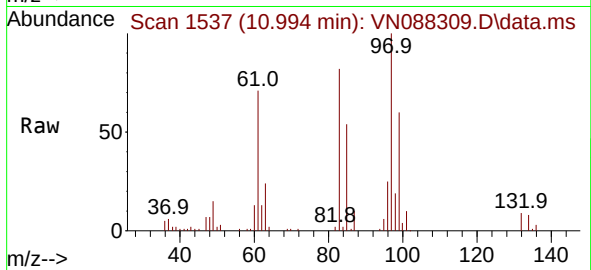
Ion Ratio Lower Upper

97 100

83 81.6 68.2 102.4

85 54.1 45.5 68.3

99 59.6 52.2 78.4



#56

Ethyl methacrylate

Concen: 22.309 ug/l

RT: 10.853 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

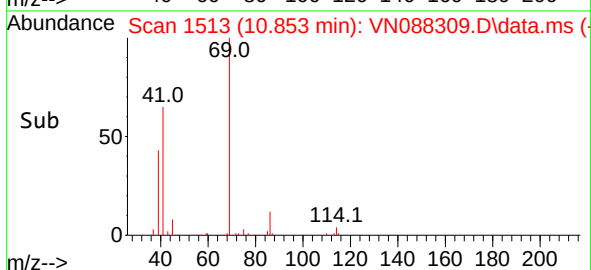
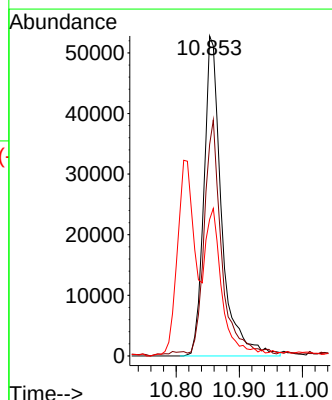
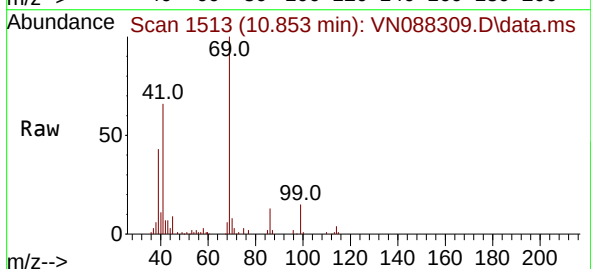
Tgt Ion: 69 Resp: 102978

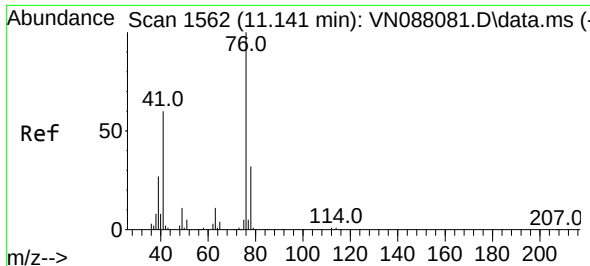
Ion Ratio Lower Upper

69 100

41 71.6 56.5 84.7

39 39.7 34.2 51.4





#57

1,3-Dichloropropane

Concen: 23.256 ug/l

RT: 11.141 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

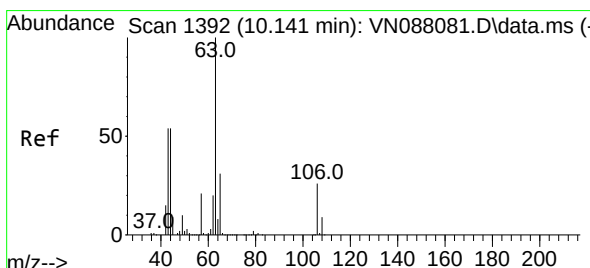
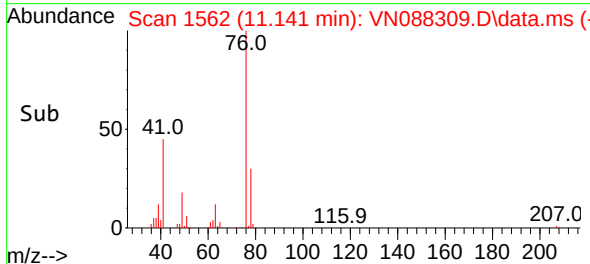
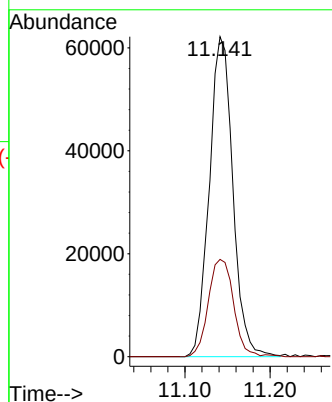
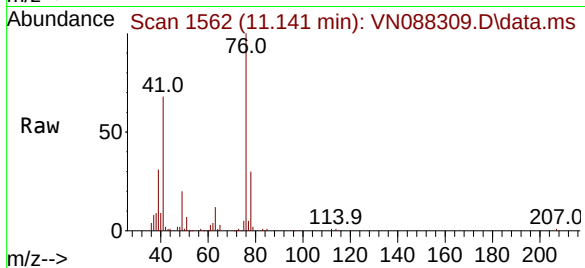
VN1118WBSD01

Tgt Ion: 76 Resp: 119234

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 101.099 ug/l

RT: 10.141 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VN088309.D

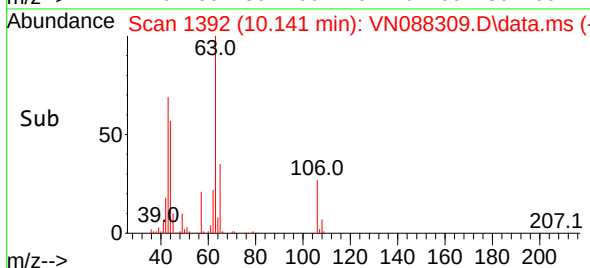
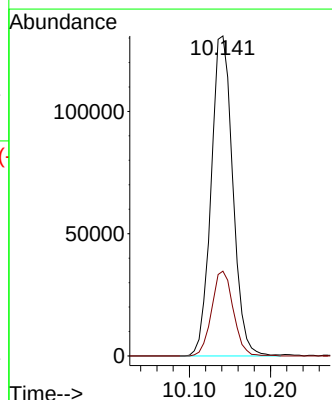
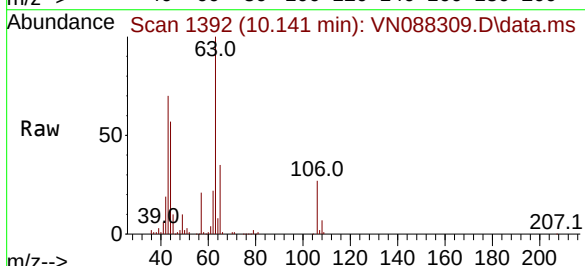
Acq: 18 Nov 2025 11:35

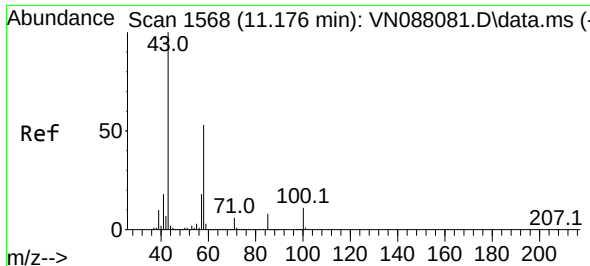
Tgt Ion: 63 Resp: 242746

Ion Ratio Lower Upper

63 100

106 26.5 21.1 31.7

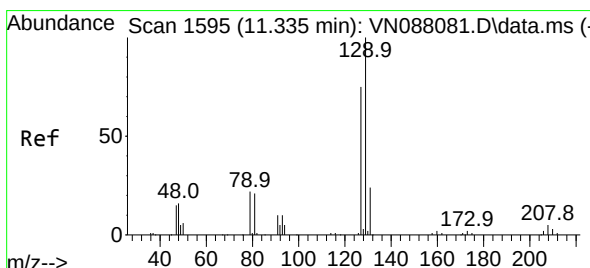
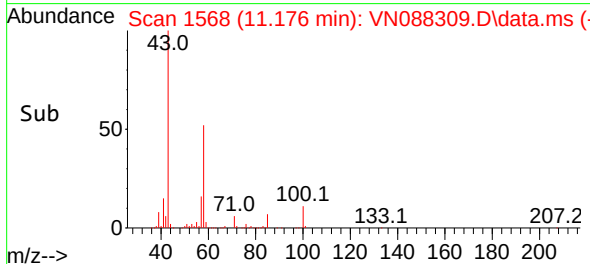
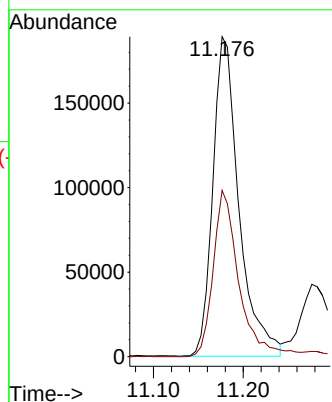
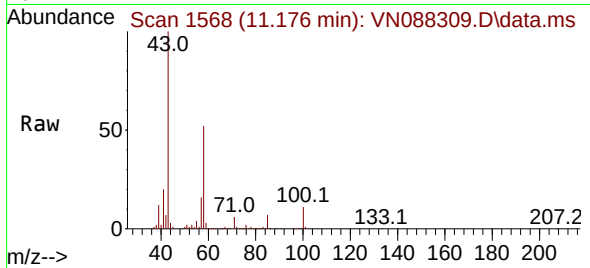




#59
2-Hexanone
Concen: 119.694 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

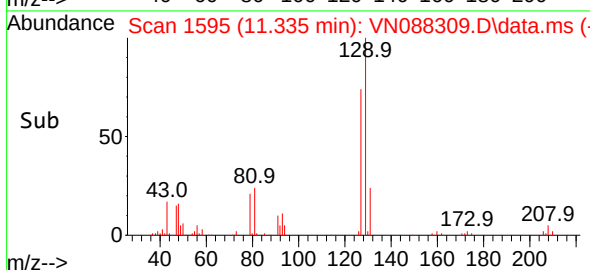
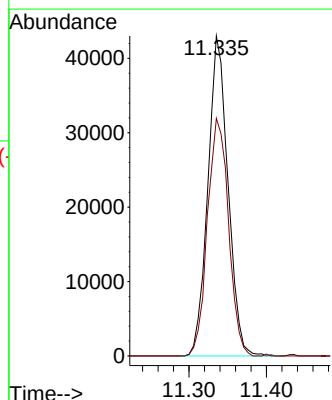
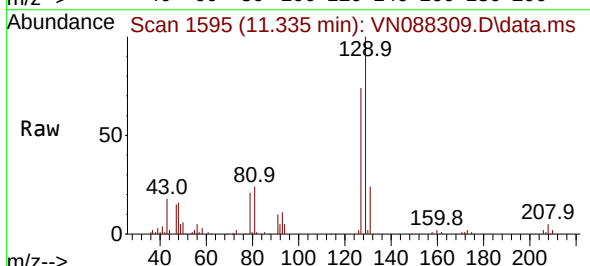
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

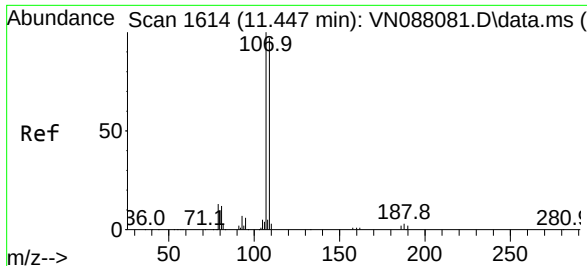
Tgt Ion: 43 Resp: 381411
Ion Ratio Lower Upper
43 100
58 51.4 25.9 77.8



#60
Dibromochloromethane
Concen: 23.345 ug/l
RT: 11.335 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 129 Resp: 77397
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.3

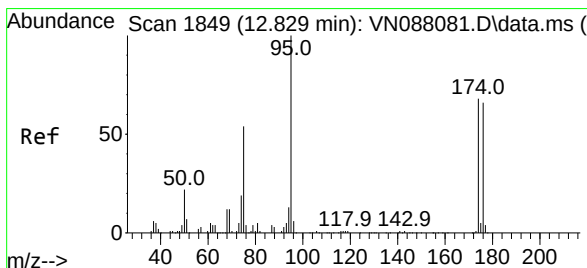
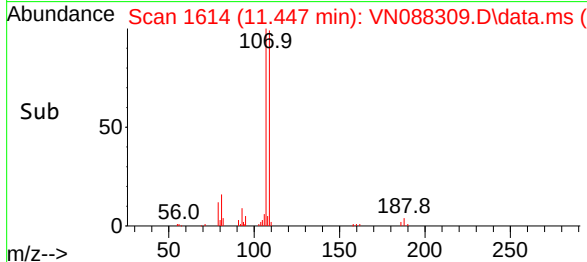
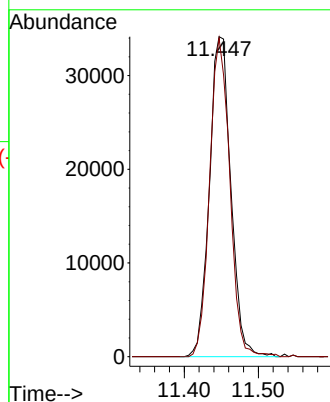
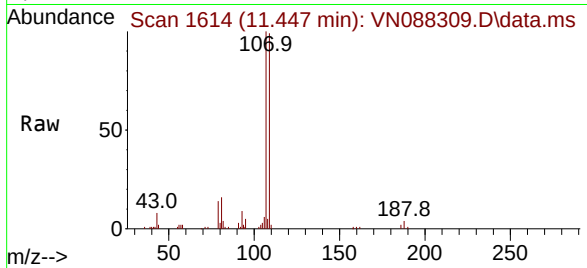




#61
1,2-Dibromoethane
Concen: 22.883 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

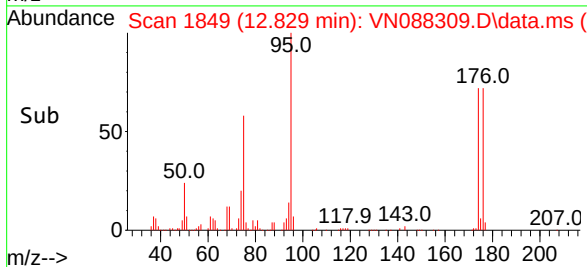
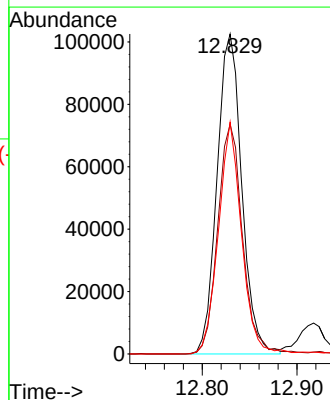
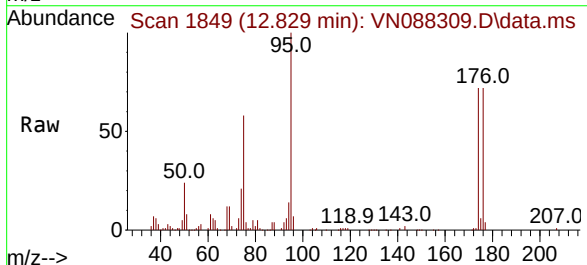
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

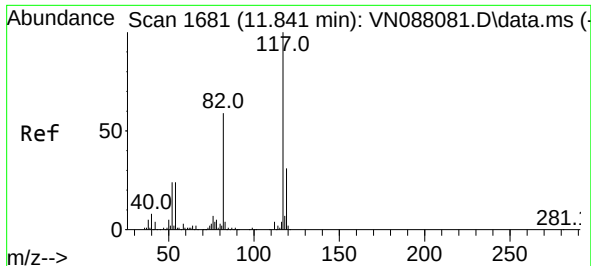
Tgt Ion:107 Resp: 68694
Ion Ratio Lower Upper
107 100
109 93.6 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 48.823 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 95 Resp: 186317
Ion Ratio Lower Upper
95 100
174 72.0 0.0 138.4
176 67.7 0.0 132.6

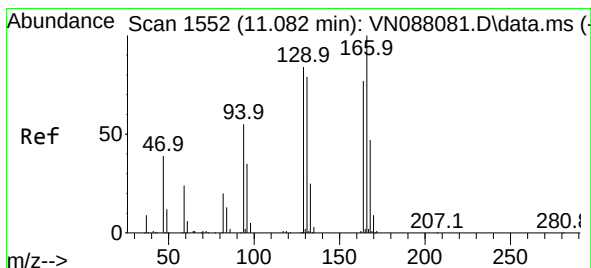
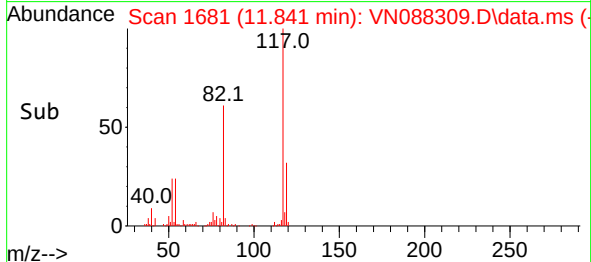
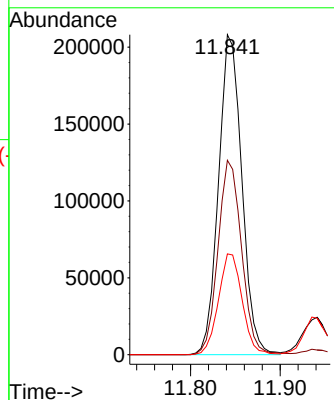
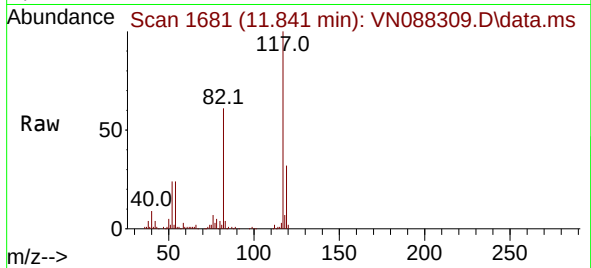




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

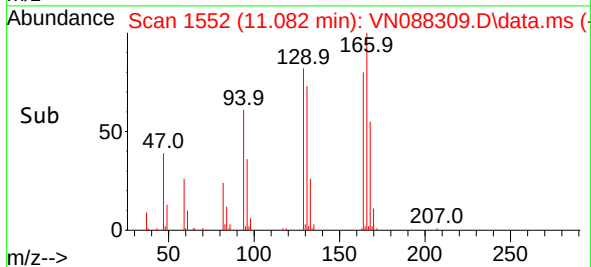
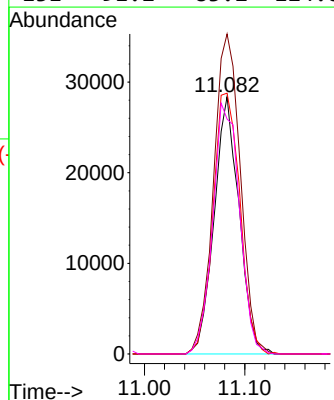
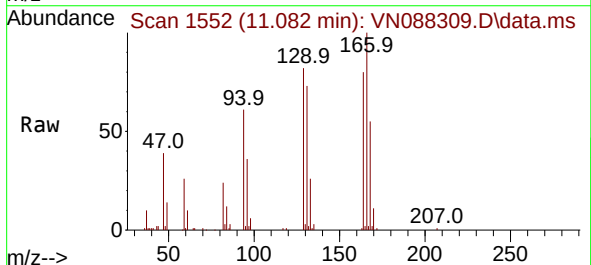
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

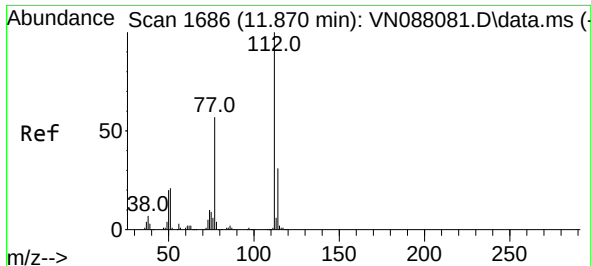
Tgt Ion:117 Resp: 375508
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 31.5 24.3 36.5



#64
Tetrachloroethene
Concen: 19.746 ug/l
RT: 11.082 min Scan# 1552
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion:164 Resp: 48910
Ion Ratio Lower Upper
164 100
166 124.3 97.7 146.5
129 101.4 85.9 128.9
131 91.2 83.2 124.8

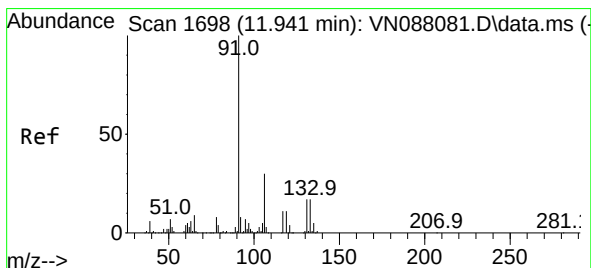
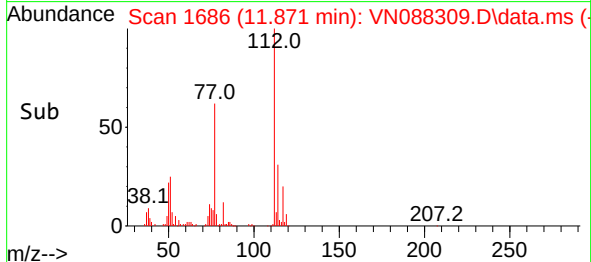
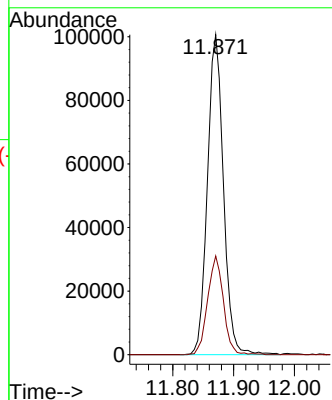
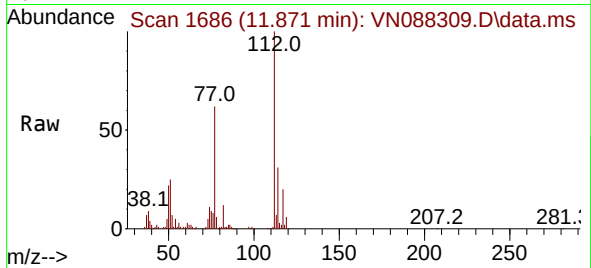




#65
Chlorobenzene
Concen: 21.609 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

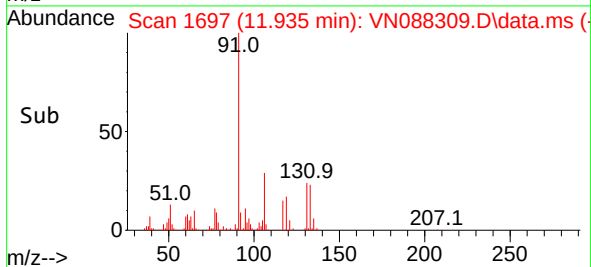
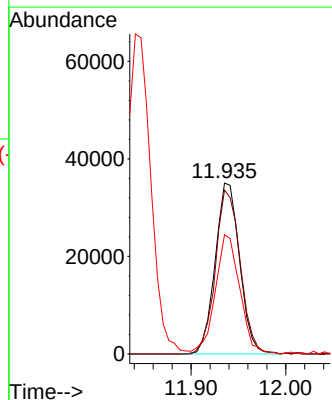
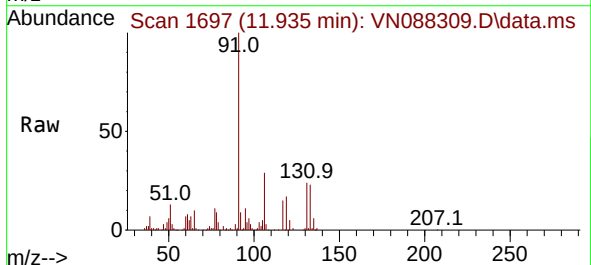
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

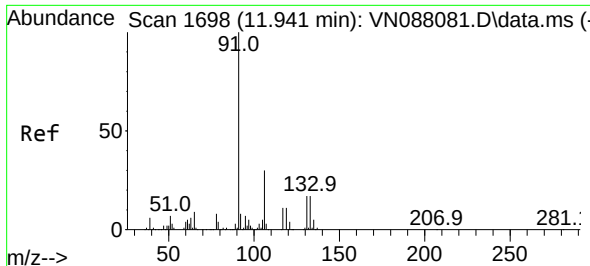
Tgt Ion:112 Resp: 184250
Ion Ratio Lower Upper
112 100
114 30.9 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 22.492 ug/l
RT: 11.935 min Scan# 1697
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion:131 Resp: 62830
Ion Ratio Lower Upper
131 100
133 97.6 48.0 144.0
119 69.9 32.6 97.7





#67

Ethyl Benzene

Concen: 20.723 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

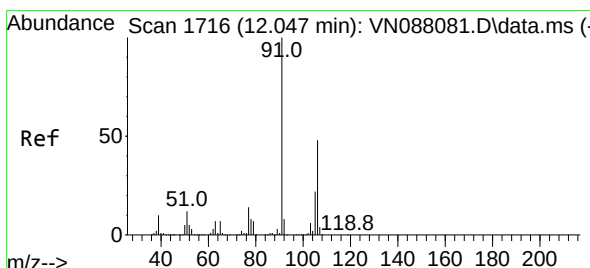
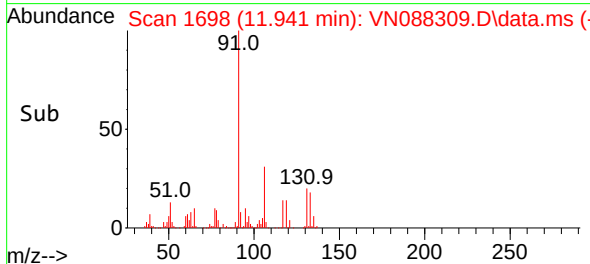
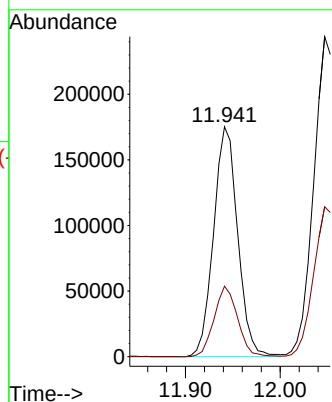
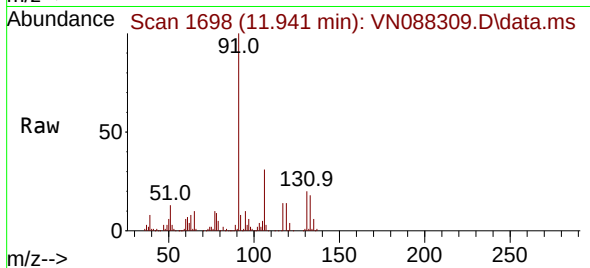
VN1118WBSD01

Tgt Ion: 91 Resp: 310154

Ion Ratio Lower Upper

91 100

106 30.7 24.1 36.1



#68

m/p-Xylenes

Concen: 40.579 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VN088309.D

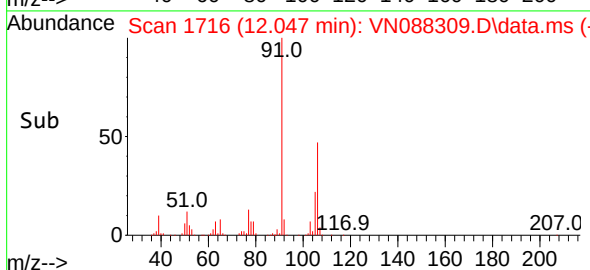
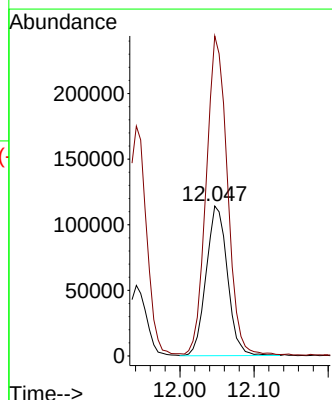
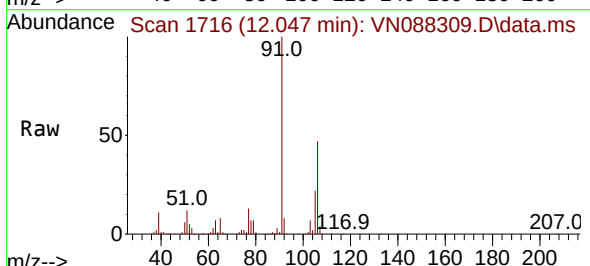
Acq: 18 Nov 2025 11:35

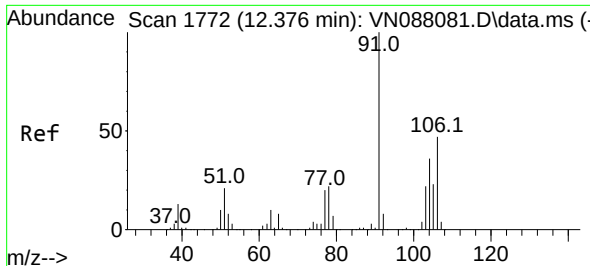
Tgt Ion:106 Resp: 227561

Ion Ratio Lower Upper

106 100

91 211.9 169.3 253.9

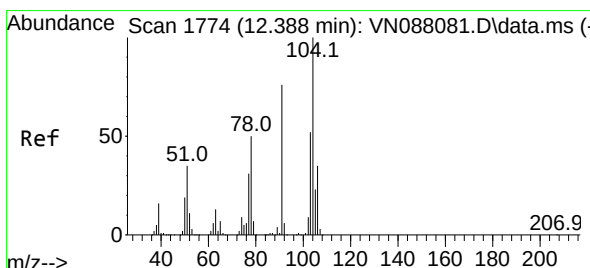
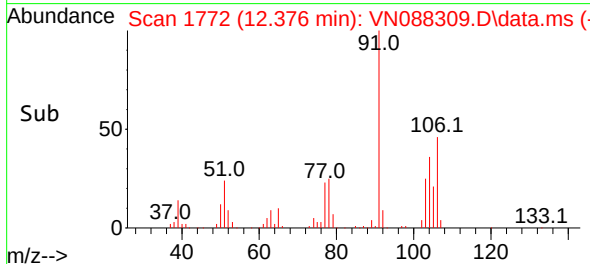
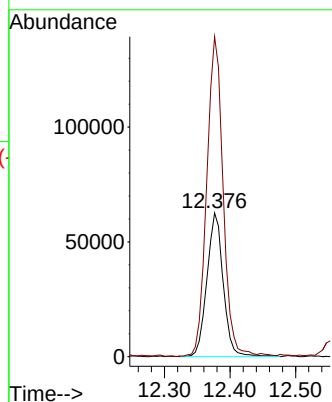
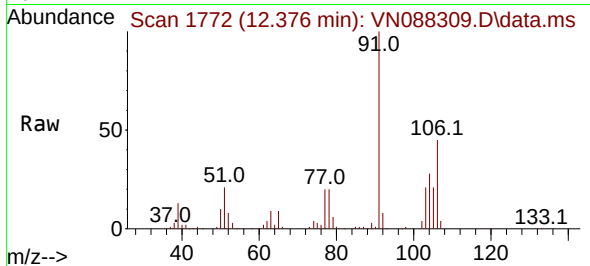




#69
o-Xylene
Concen: 20.403 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

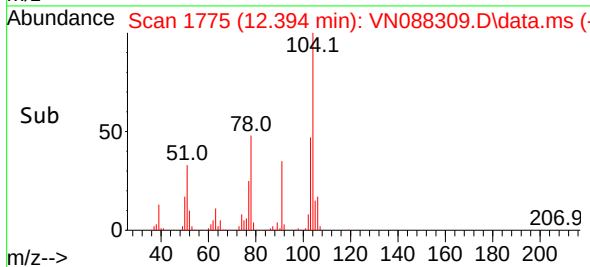
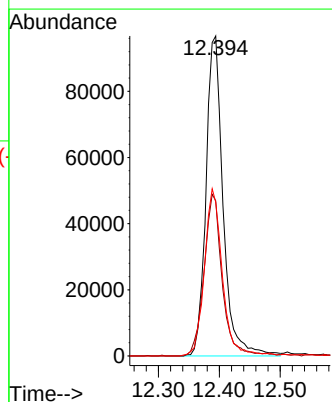
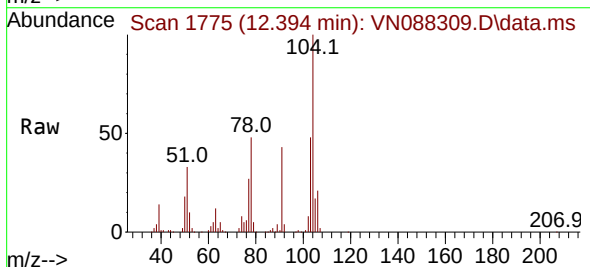
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

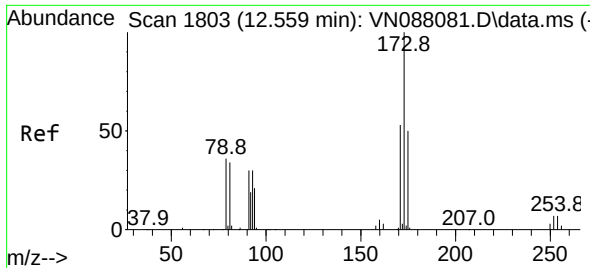
Tgt Ion:106 Resp: 108461
Ion Ratio Lower Upper
106 100
91 223.5 111.4 334.2



#70
Styrene
Concen: 21.857 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion:104 Resp: 189472
Ion Ratio Lower Upper
104 100
78 53.5 42.2 63.2
103 54.8 43.4 65.2

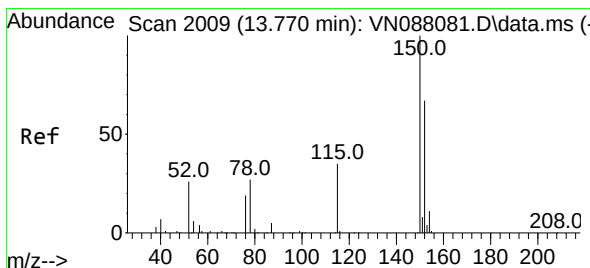
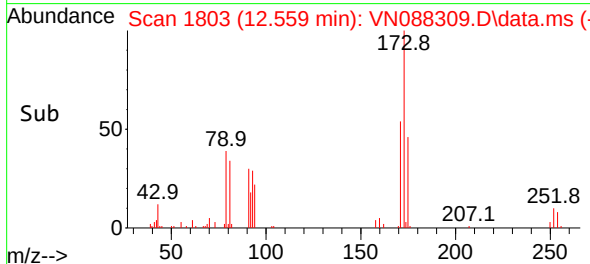
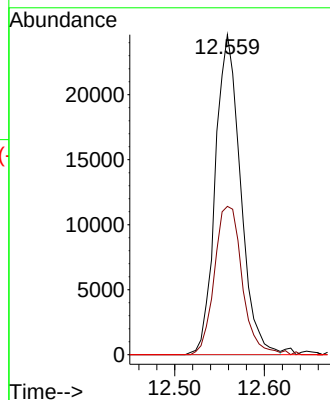
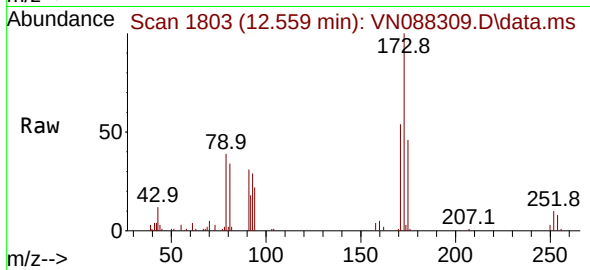




#71
Bromoform
Concen: 23.013 ug/l
RT: 12.559 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

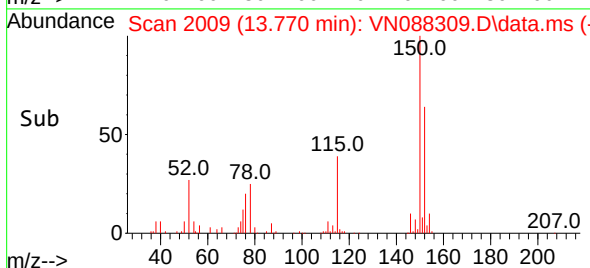
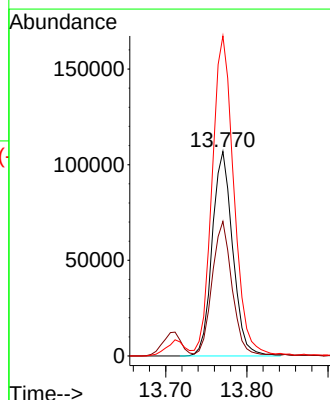
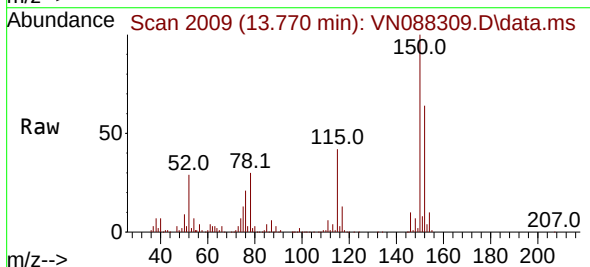
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

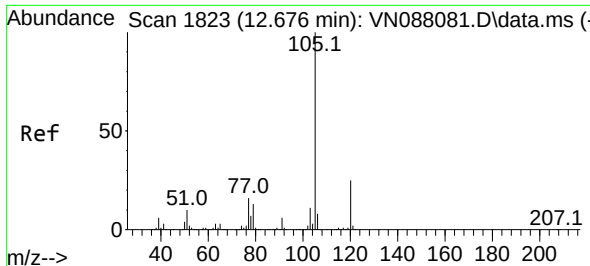
Tgt Ion:173 Resp: 47975
Ion Ratio Lower Upper
173 100
175 51.2 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion:152 Resp: 187417
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 165.6 0.0 351.0

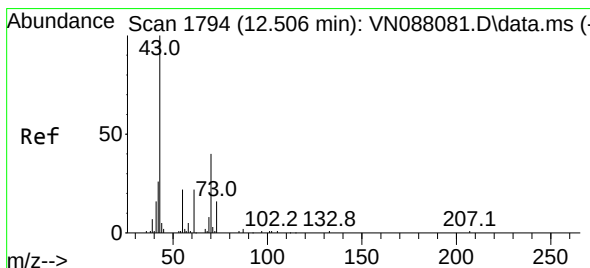
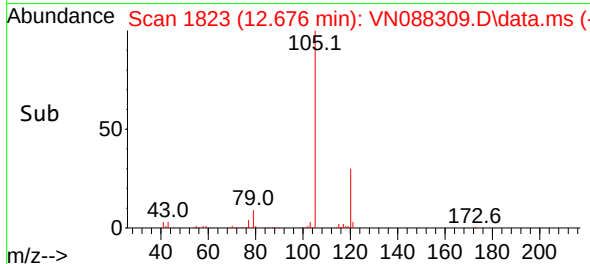
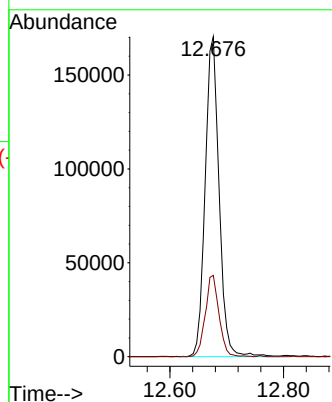
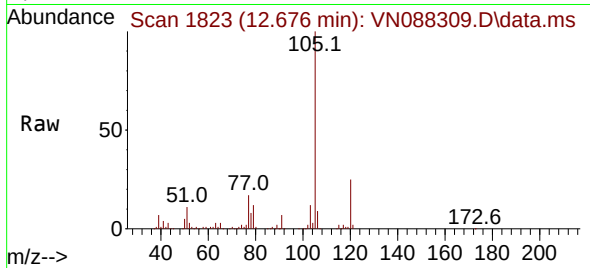




#73
Isopropylbenzene
Concen: 19.984 ug/l
RT: 12.676 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

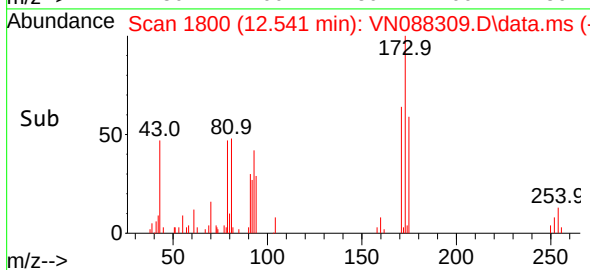
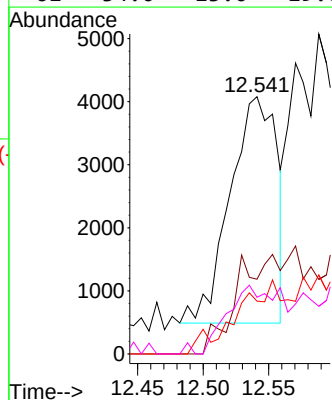
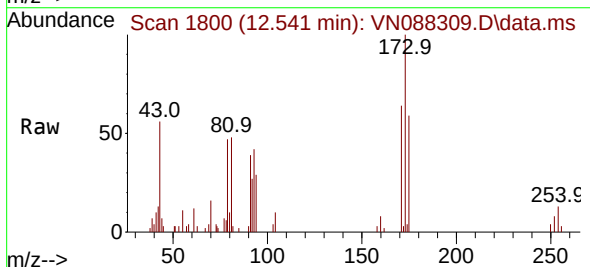
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

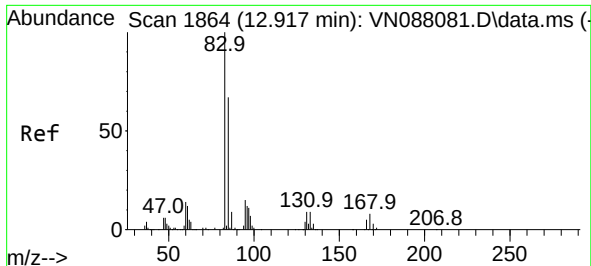
Tgt Ion:105 Resp: 288865
Ion Ratio Lower Upper
105 100
120 25.1 12.8 38.3



#74
N-ethyl acetate
Concen: 2.170 ug/l
RT: 12.541 min Scan# 1800
Delta R.T. 0.041 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 43 Resp: 8903
Ion Ratio Lower Upper
43 100
70 40.6 27.6 41.4
55 27.5 13.0 19.6#
61 34.0 13.0 19.6#

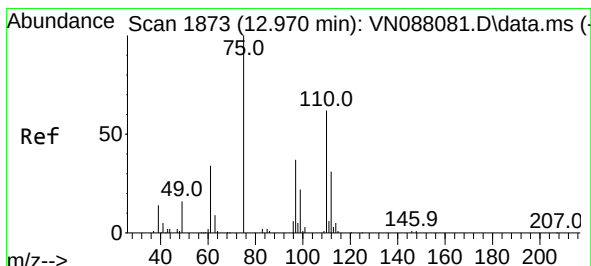
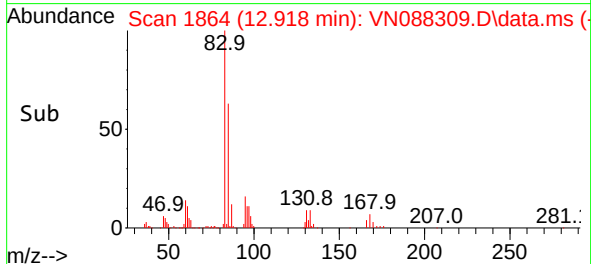
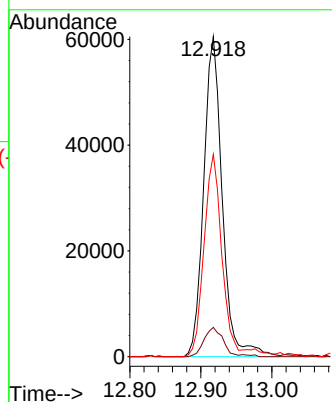
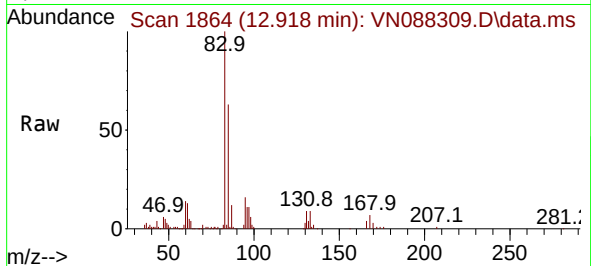




#75
 1,1,2,2-Tetrachloroethane
 Concen: 24.480 ug/l
 RT: 12.918 min Scan# 1864
 Delta R.T. -0.000 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

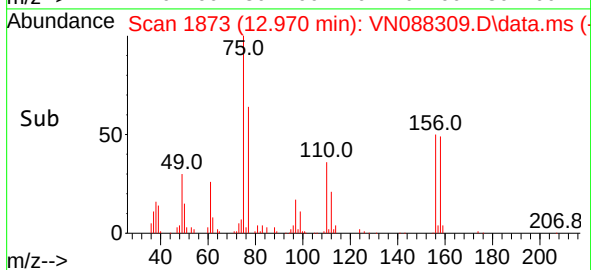
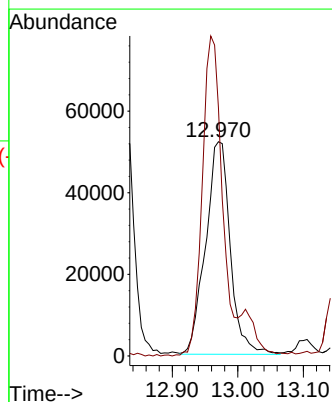
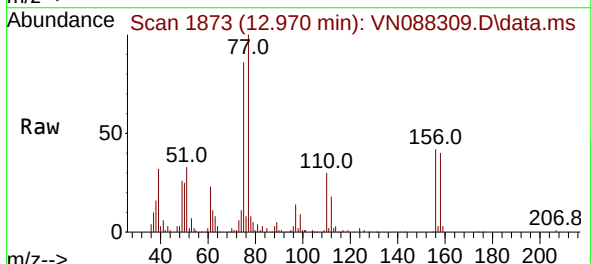
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

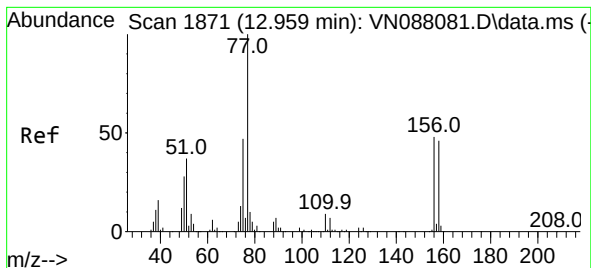
Tgt Ion: 83 Resp: 110166
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.4
 85 60.2 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 31.763 ug/l
 RT: 12.970 min Scan# 1873
 Delta R.T. -0.000 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

Tgt Ion: 75 Resp: 136104
 Ion Ratio Lower Upper
 75 100
 77 122.1 89.1 267.4





#77

Bromobenzene

Concen: 22.342 ug/l

RT: 12.959 min Scan# 1871

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

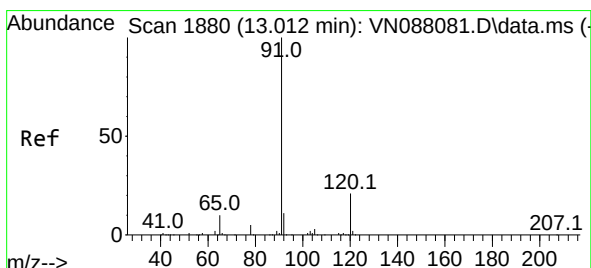
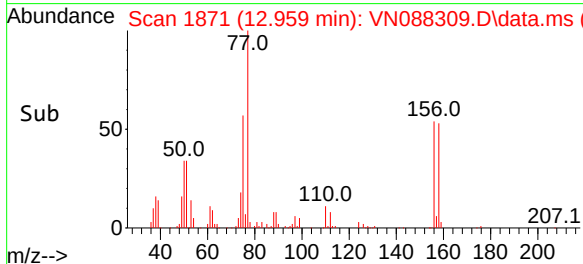
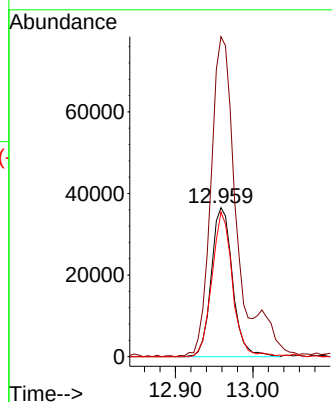
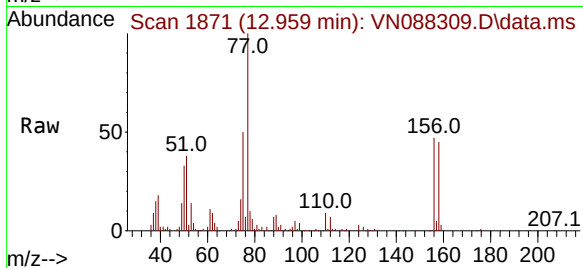
Tgt Ion:156 Resp: 69643

Ion Ratio Lower Upper

156 100

77 238.5 119.3 358.0

158 94.0 48.2 144.6



#78

n-propylbenzene

Concen: 20.424 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088309.D

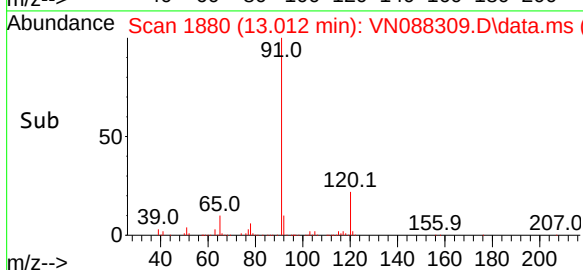
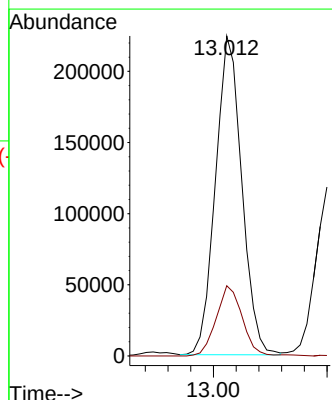
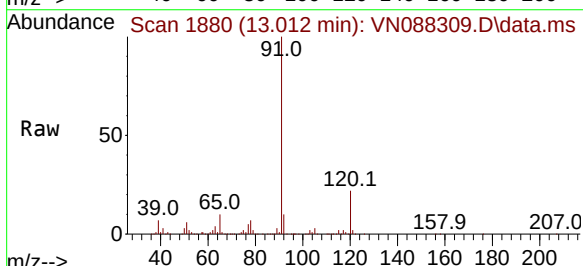
Acq: 18 Nov 2025 11:35

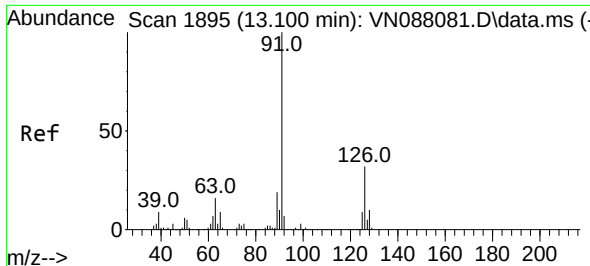
Tgt Ion: 91 Resp: 360277

Ion Ratio Lower Upper

91 100

120 21.9 10.7 32.1

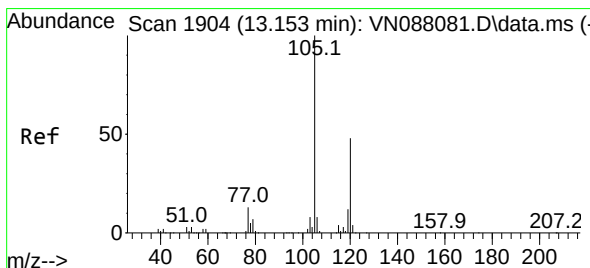
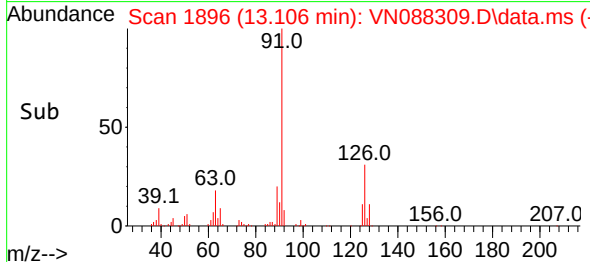
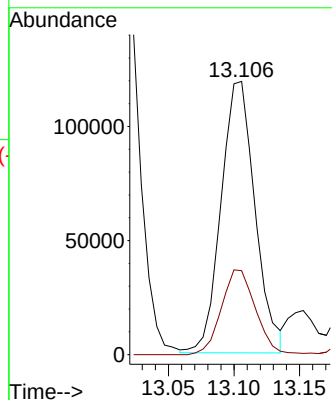
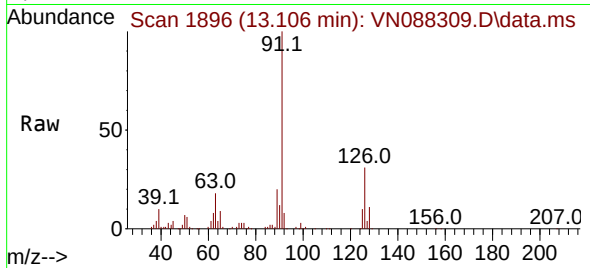




#79
2-Chlorotoluene
Concen: 21.344 ug/l
RT: 13.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

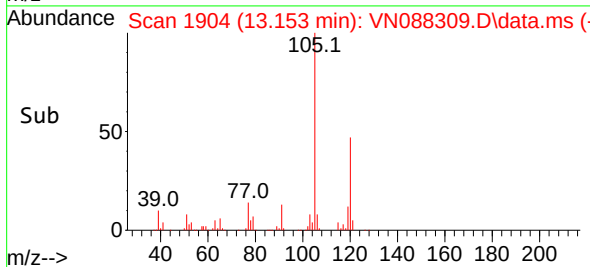
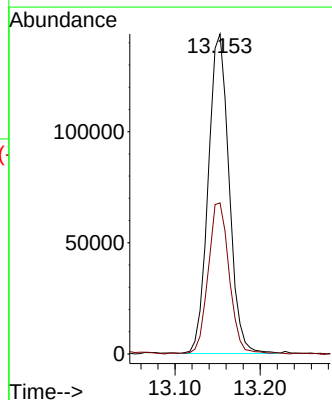
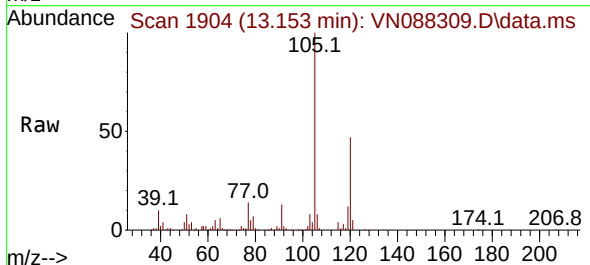
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

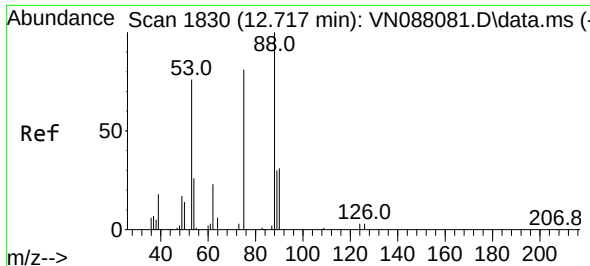
Tgt Ion: 91 Resp: 214714
Ion Ratio Lower Upper
91 100
126 31.5 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 20.295 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 105 Resp: 243644
Ion Ratio Lower Upper
105 100
120 48.2 23.2 69.6

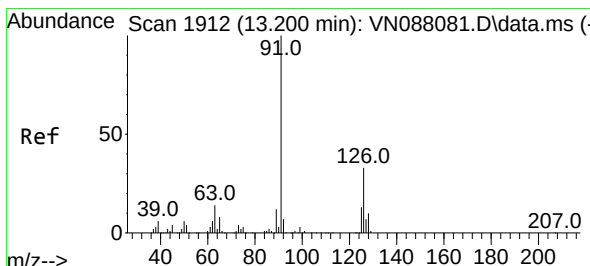
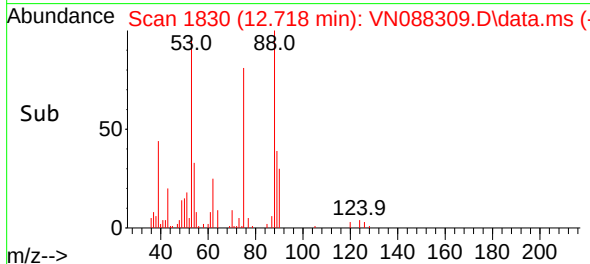
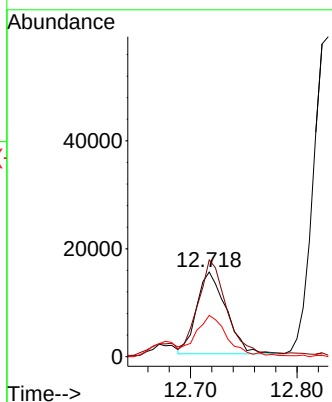
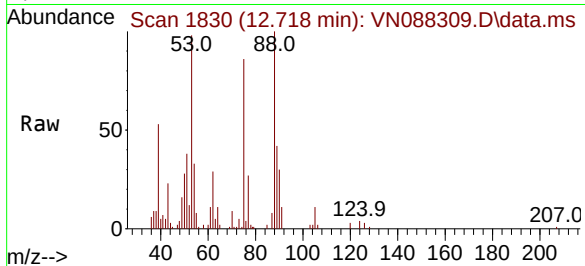




#81
trans-1,4-Dichloro-2-butene
Concen: 19.041 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

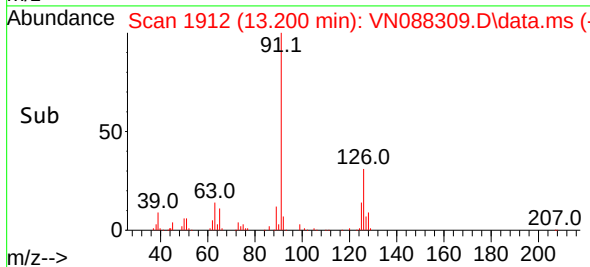
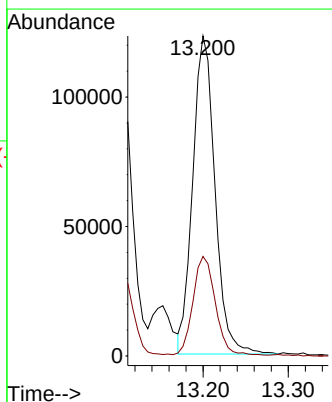
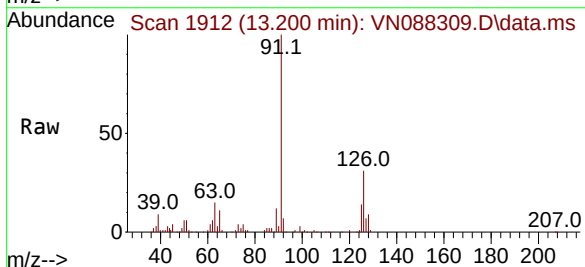
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

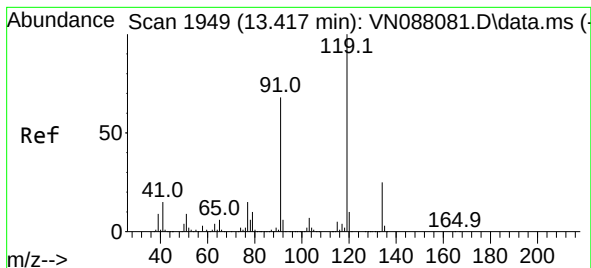
Tgt Ion: 75 Resp: 29249
Ion Ratio Lower Upper
75 100
53 115.9 101.8 152.6
89 55.8 35.6 53.4#



#82
4-Chlorotoluene
Concen: 20.484 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 91 Resp: 222948
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8





#83

tert-Butylbenzene

Concen: 19.502 ug/l

RT: 13.418 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

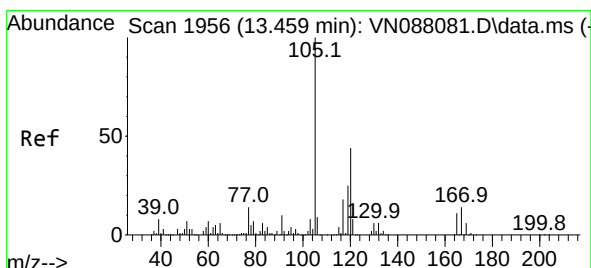
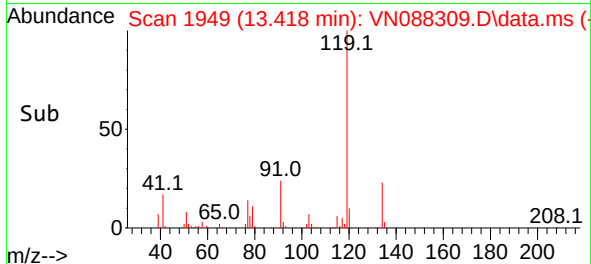
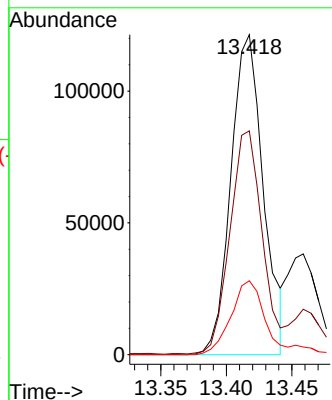
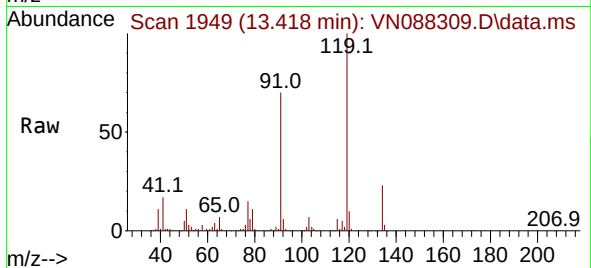
Tgt Ion:119 Resp: 209137

Ion Ratio Lower Upper

119 100

91 69.1 35.0 105.0

134 25.5 12.6 37.8



#84

1,2,4-Trimethylbenzene

Concen: 20.847 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN088309.D

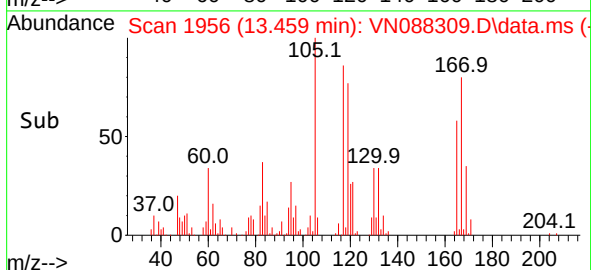
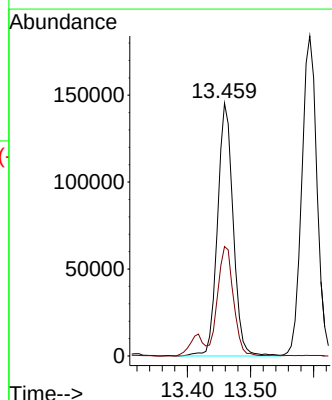
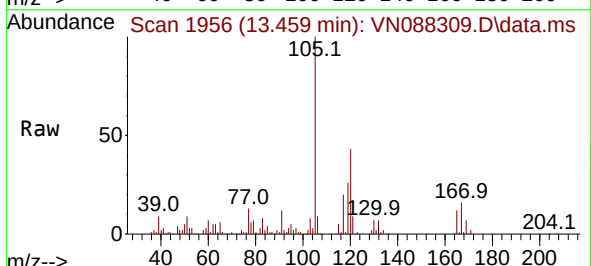
Acq: 18 Nov 2025 11:35

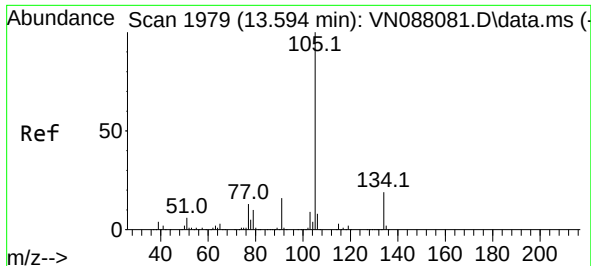
Tgt Ion:105 Resp: 250392

Ion Ratio Lower Upper

105 100

120 43.5 22.0 66.0

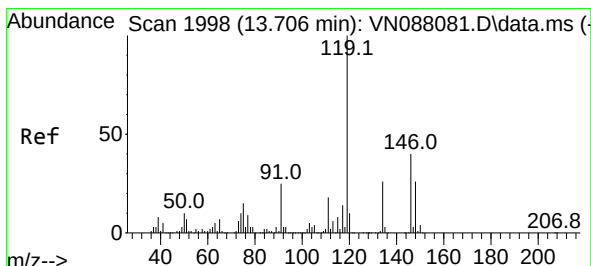
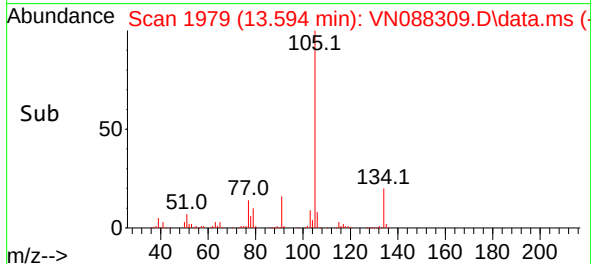
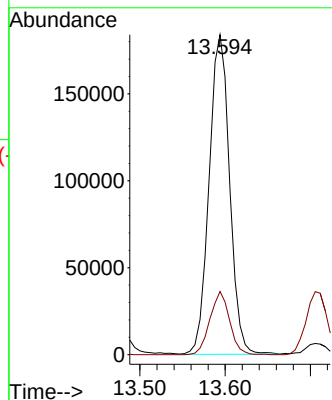
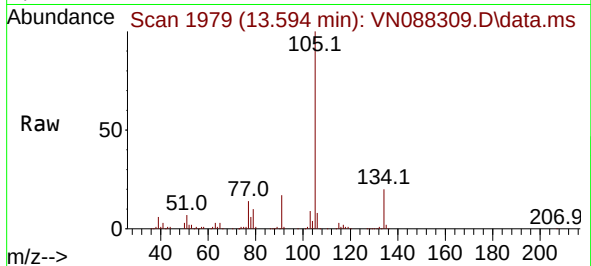




#85
 sec-Butylbenzene
 Concen: 19.505 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

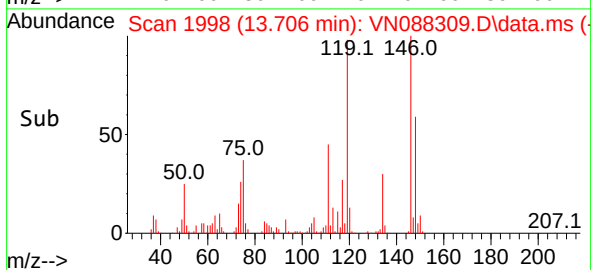
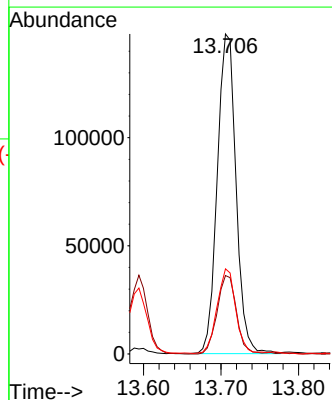
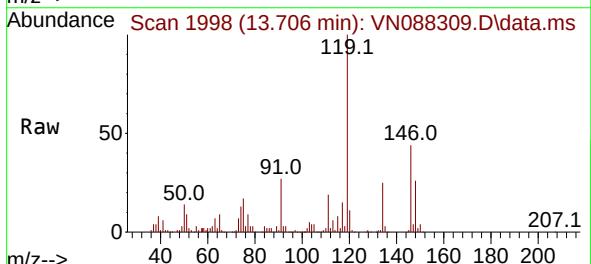
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

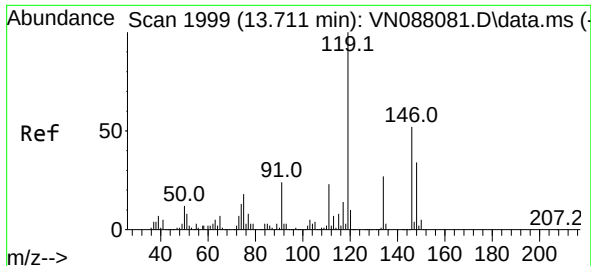
Tgt Ion:105 Resp: 307322
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 19.713 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

Tgt Ion:119 Resp: 249158
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.7 38.0
 91 26.2 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 21.604 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

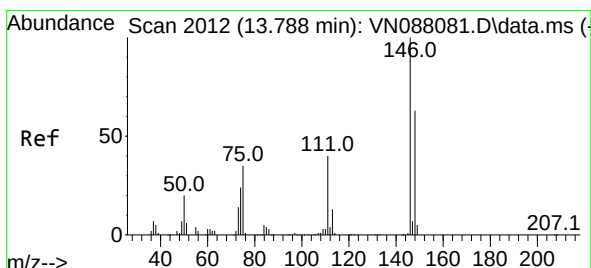
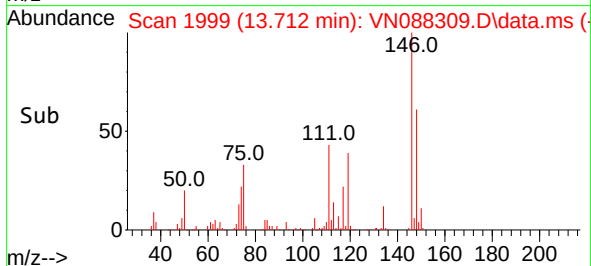
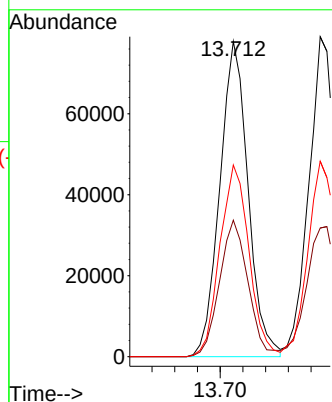
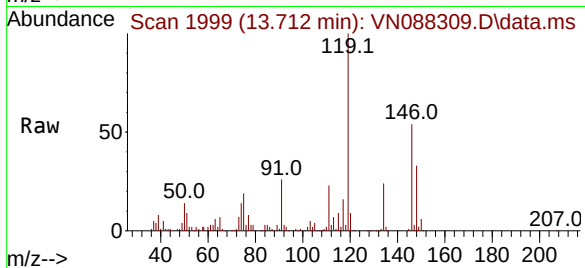
Tgt Ion:146 Resp: 134433

Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.5

148 62.8 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 20.334 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

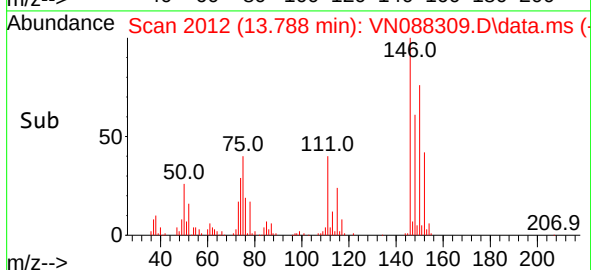
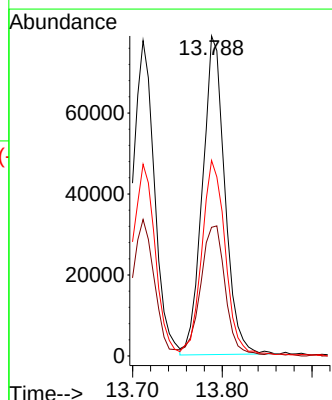
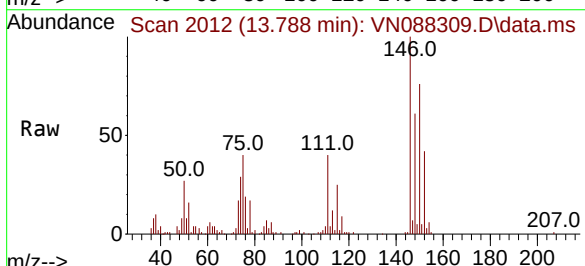
Tgt Ion:146 Resp: 135899

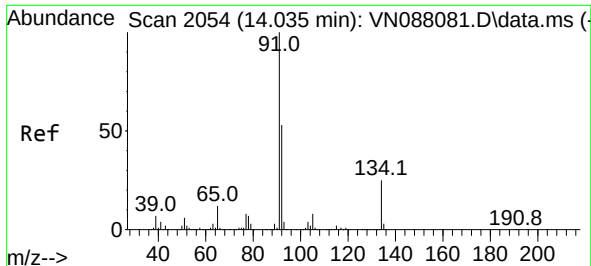
Ion Ratio Lower Upper

146 100

111 44.2 21.0 63.0

148 64.4 32.0 96.0

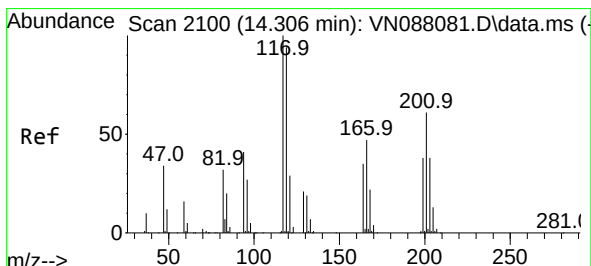
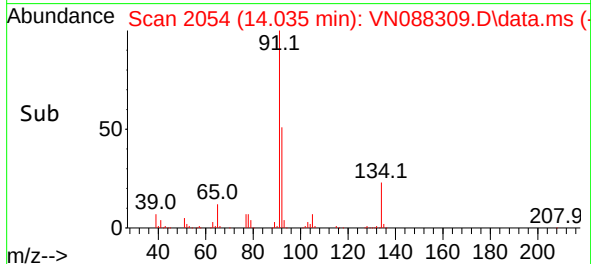
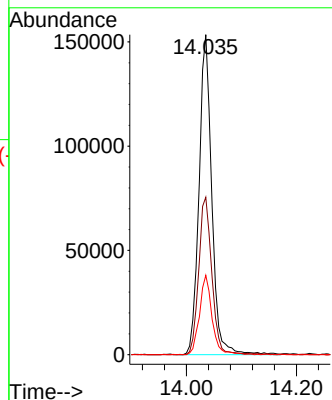
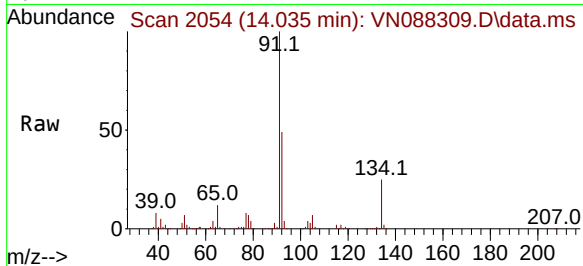




#89
n-Butylbenzene
Concen: 19.808 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

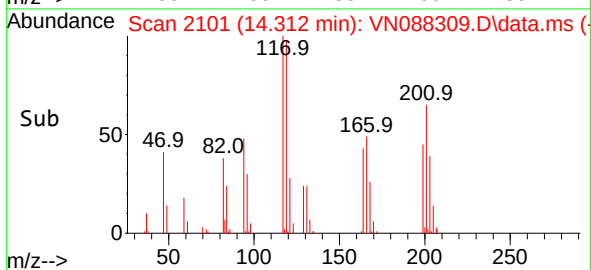
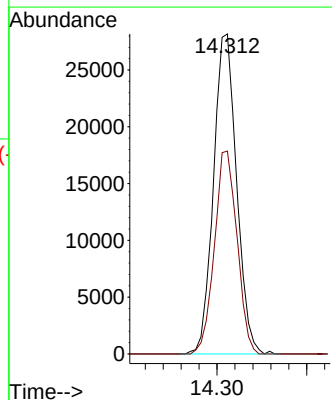
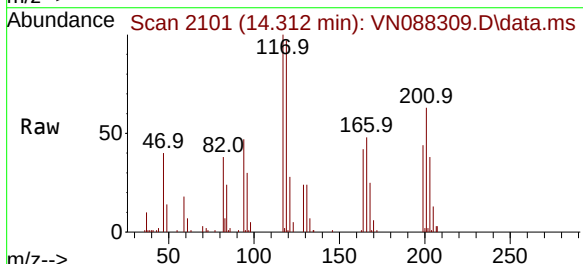
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

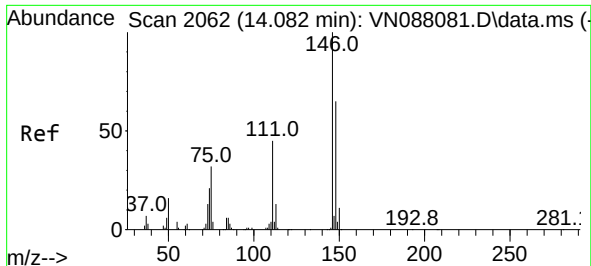
Tgt Ion: 91 Resp: 247997
Ion Ratio Lower Upper
91 100
92 50.4 25.9 77.8
134 24.4 11.7 35.0



#90
Hexachloroethane
Concen: 20.556 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion: 117 Resp: 50313
Ion Ratio Lower Upper
117 100
201 62.1 29.1 87.4

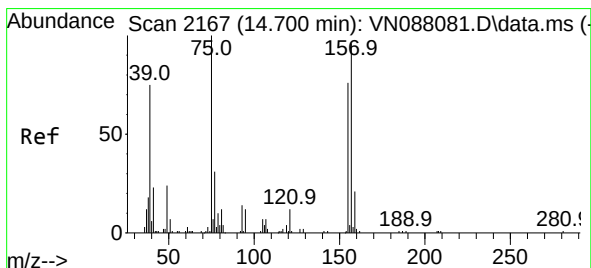
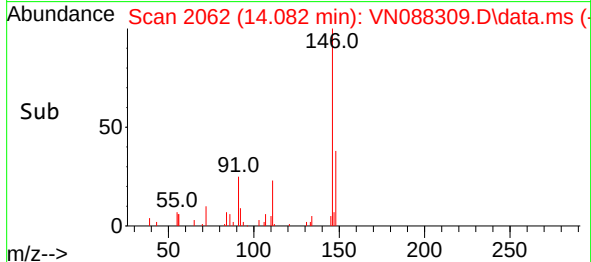
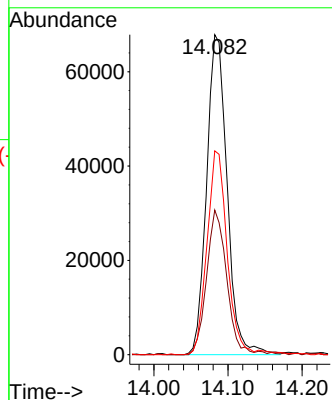
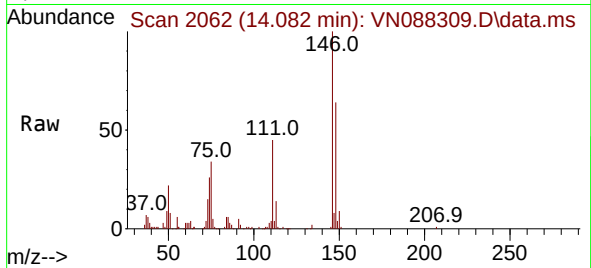




#91
 1,2-Dichlorobenzene
 Concen: 21.725 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

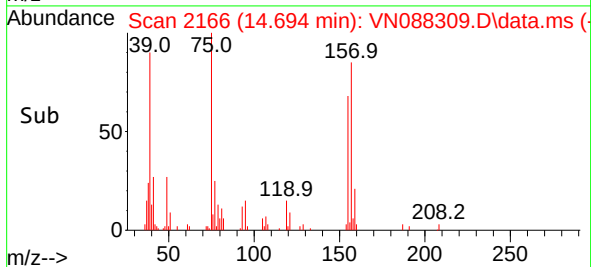
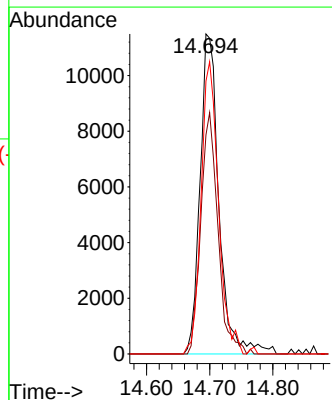
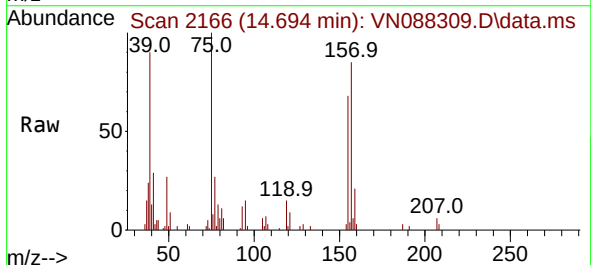
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

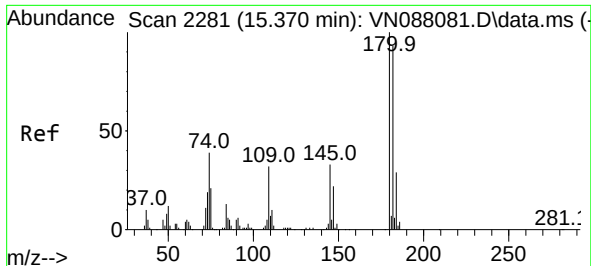
Tgt Ion:146 Resp: 130312
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.6 67.8
 148 63.6 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.800 ug/l
 RT: 14.694 min Scan# 2166
 Delta R.T. -0.006 min
 Lab File: VN088309.D
 Acq: 18 Nov 2025 11:35

Tgt Ion: 75 Resp: 23882
 Ion Ratio Lower Upper
 75 100
 155 68.7 36.6 109.9
 157 83.9 45.6 136.9

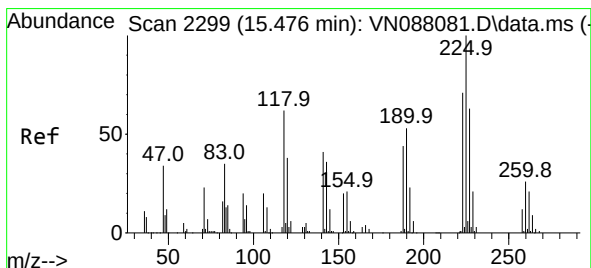
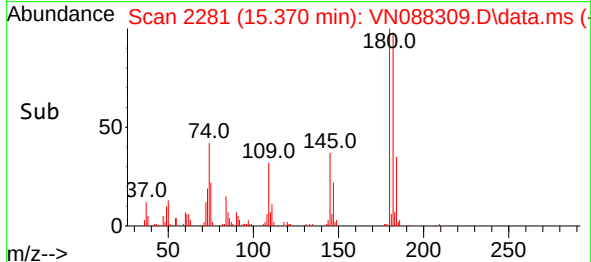
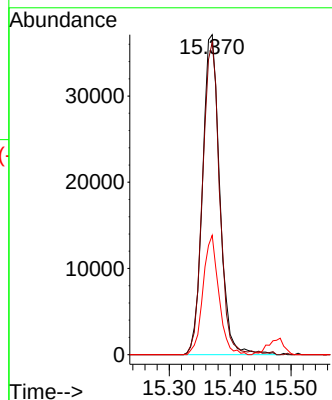
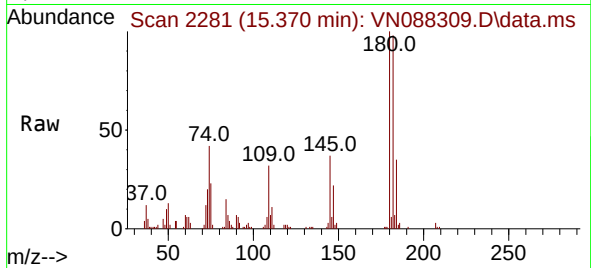




#93
1,2,4-Trichlorobenzene
Concen: 20.067 ug/l
RT: 15.370 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

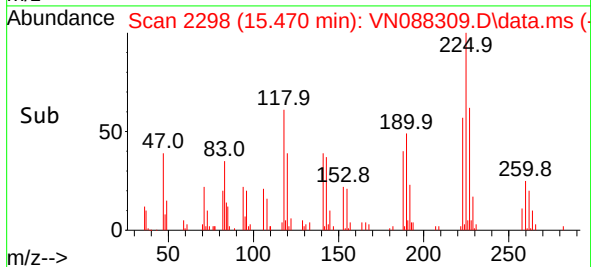
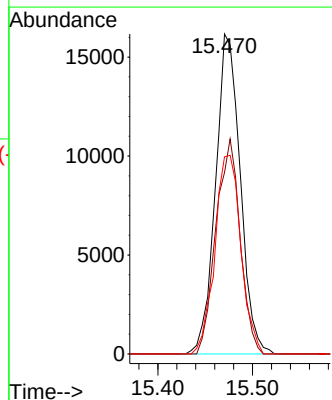
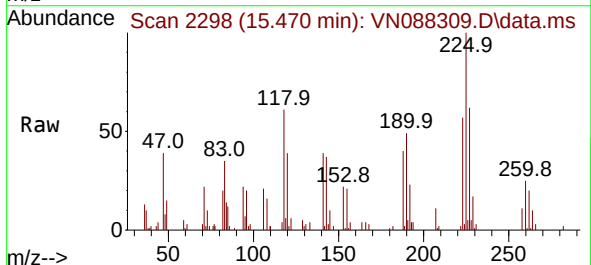
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

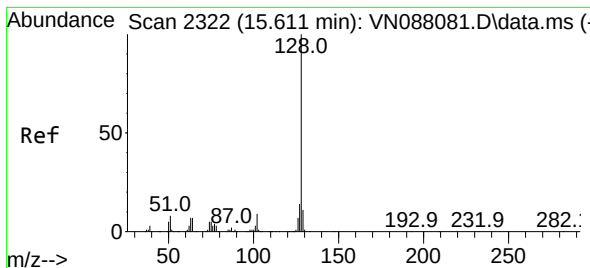
Tgt Ion:180 Resp: 72895
Ion Ratio Lower Upper
180 100
182 95.7 47.6 142.9
145 34.3 16.5 49.5



#94
Hexachlorobutadiene
Concen: 21.652 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN088309.D
Acq: 18 Nov 2025 11:35

Tgt Ion:225 Resp: 29290
Ion Ratio Lower Upper
225 100
223 65.6 32.0 96.2
227 65.3 32.1 96.5





#95

Naphthalene

Concen: 19.615 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

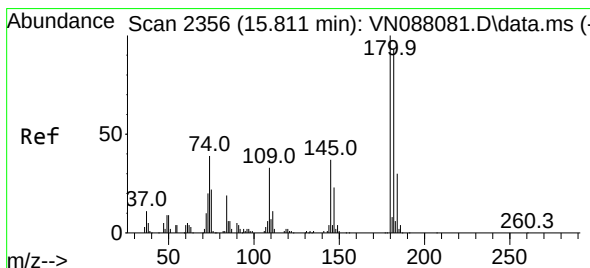
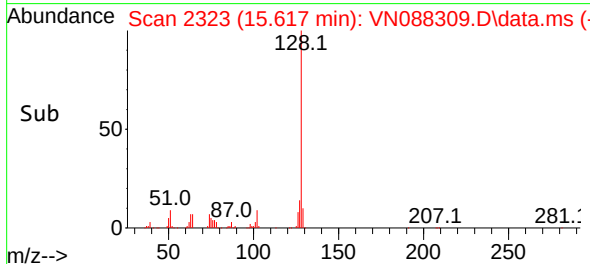
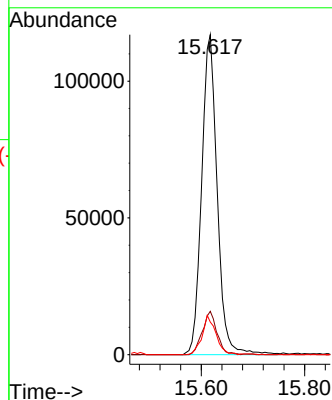
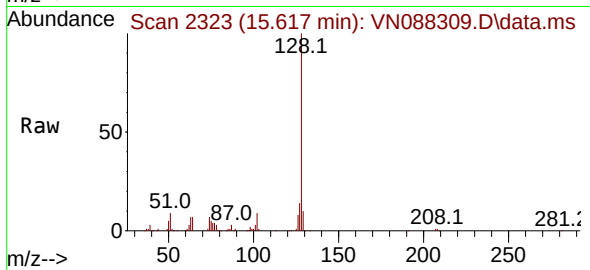
Tgt Ion:128 Resp: 244096

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.564 ug/l

RT: 15.811 min Scan# 2356

Delta R.T. -0.000 min

Lab File: VN088309.D

Acq: 18 Nov 2025 11:35

Tgt Ion:180 Resp: 71625

Ion Ratio Lower Upper

180 100

182 93.2 46.8 140.3

145 35.4 17.3 52.0

