

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088122.D
 Acq On : 27 Oct 2025 18:00
 Operator : JC\MD
 Sample : Q3468-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-06

Quant Time: Oct 28 01:32:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	290141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	663687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	646735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	342261	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	294966	58.792	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.580%	
35) Dibromofluoromethane	8.147	113	210885	47.298	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.600%	
50) Toluene-d8	10.547	98	790369	46.005	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.000%	
62) 4-Bromofluorobenzene	12.823	95	346000	57.026	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.060%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.500	59	3906	4.519	ug/l	98
16) Acetone	4.424	43	18434	7.314	ug/l #	88
17) Carbon Disulfide	4.712	76	2388	0.215	ug/l #	74
18) Methyl Acetate	5.271	43	25657	4.972	ug/l #	54
20) Methylene Chloride	5.253	84	294	0.847	ug/l #	41
25) 2-Butanone	7.477	43	7738	2.330	ug/l #	82
27) cis-1,2-Dichloroethene	7.482	96	924	0.201	ug/l	82
29) Tetrahydrofuran	7.818	42	526	0.243	ug/l #	22
31) Cyclohexane	8.235	56	37704	5.369	ug/l #	77
32) 1,1,1-Trichloroethane	8.206	97	3005	0.454	ug/l #	1
36) 1,1-Dichloropropene	8.206	75	29675	4.558	ug/l #	54
38) Carbon Tetrachloride	8.206	117	34997	5.205	ug/l #	15
39) Methylcyclohexane	9.576	83	51197	6.118	ug/l	94
40) Benzene	8.588	78	126026	6.356	ug/l	99
43) Isopropyl Acetate	8.682	43	13069	1.012	ug/l #	59
47) Bromodichloromethane	9.865	83	3151	0.441	ug/l #	29
48) Methyl methacrylate	9.712	41	16998	2.852	ug/l #	28
51) 4-Methyl-2-Pentanone	10.471	43	9049	1.185	ug/l #	65
52) Toluene	10.612	92	15191	1.243	ug/l	98
55) 1,1,2-Trichloroethane	10.982	97	25365	5.469	ug/l #	22
56) Ethyl methacrylate	10.882	69	6115	0.833	ug/l #	68
58) 2-Chloroethyl Vinyl ether	10.200	63	1460	0.382	ug/l	94
59) 2-Hexanone	11.047	43	14017	2.767	ug/l	71
61) 1,2-Dibromoethane	11.465	107	1197	0.251	ug/l	83
66) 1,1,1,2-Tetrachloroethane	11.970	131	1765	0.367	ug/l #	8
67) Ethyl Benzene	11.941	91	140014	5.432	ug/l	97
68) m/p-Xylenes	12.047	106	74533	7.717	ug/l	96
69) o-Xylene	12.376	106	38065	4.158	ug/l #	1
70) Styrene	12.382	104	5844	0.391	ug/l #	1
71) Bromoform	12.547	173	940	0.262	ug/l #	97
73) Isopropylbenzene	12.670	105	548968	20.796	ug/l	100
74) N-amyl acetate	12.512	43	3061	0.408	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.835	83	6836	0.832	ug/l #	24
76) 1,2,3-Trichloropropane	13.012	75	10322	1.319	ug/l #	1
78) n-propylbenzene	13.012	91	1472587	45.712	ug/l	96
79) 2-Chlorotoluene	13.012	91	1472587	80.157	ug/l #	42

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 Response via : Initial Calibration

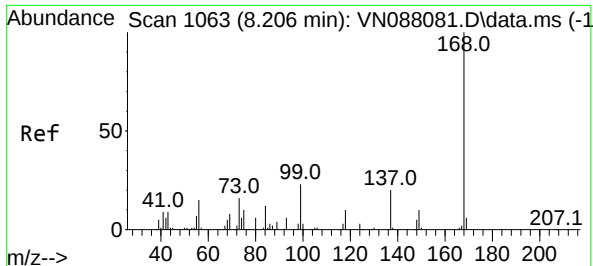
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) 1,3,5-Trimethylbenzene	13.153	105	43481	1.983	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.676	75	8347	2.976	ug/l #	46
82) 4-Chlorotoluene	13.012	91	1472587	74.089	ug/l #	43
83) tert-Butylbenzene	13.417	119	13439	0.686	ug/l	86
84) 1,2,4-Trimethylbenzene	13.459	105	177338	8.085	ug/l	90
85) sec-Butylbenzene	13.594	105	117636	4.088	ug/l #	55
86) p-Isopropyltoluene	13.859	119	44889	1.945	ug/l	94
89) n-Butylbenzene	13.970	91	115342	5.045	ug/l #	52
90) Hexachloroethane	14.306	117	76394	17.091	ug/l #	22
92) 1,2-Dibromo-3-Chloropr...	14.706	75	857	0.448	ug/l #	16
95) Naphthalene	15.611	128	1083849	47.692	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	1625	0.255	ug/l #	19

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

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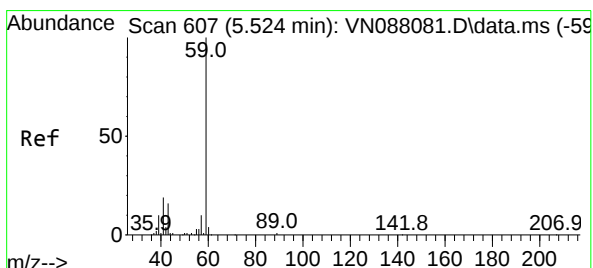
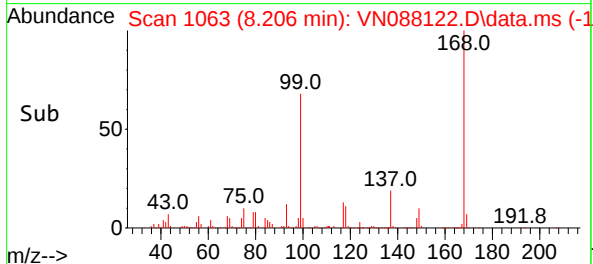
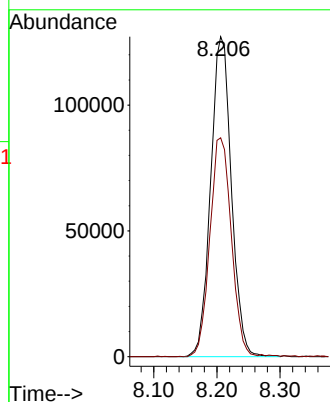
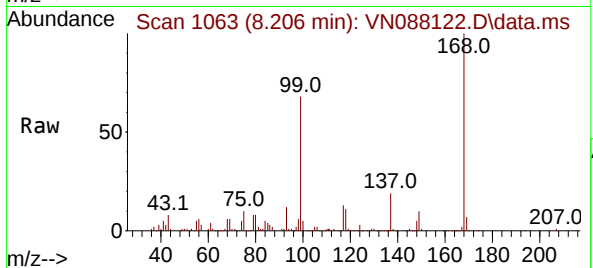




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

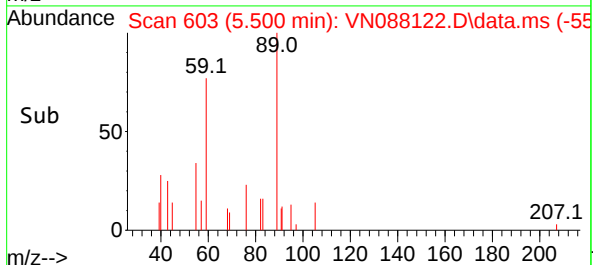
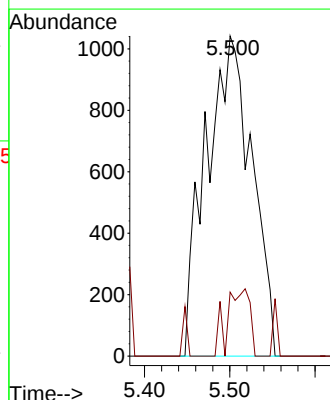
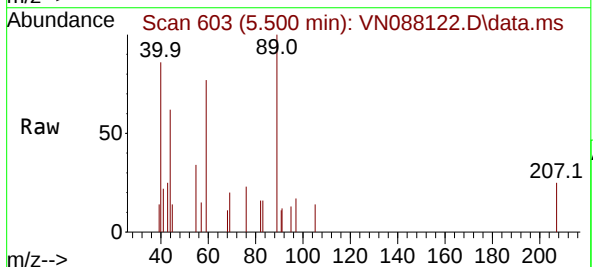
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MW-06

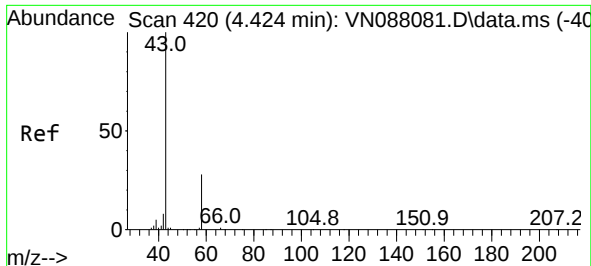
Tgt Ion:168 Resp: 290141
Ion Ratio Lower Upper
168 100
99 68.3 57.2 85.8



#11
Tert butyl alcohol
Concen: 4.519 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.018 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 59 Resp: 3906
Ion Ratio Lower Upper
59 100
57 10.5 9.0 13.4

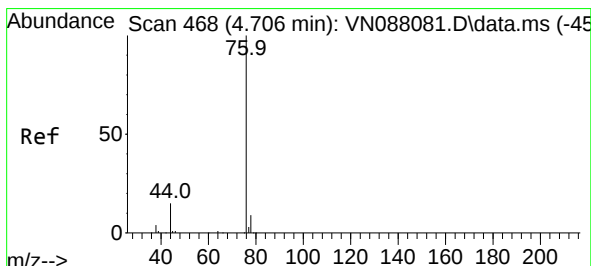
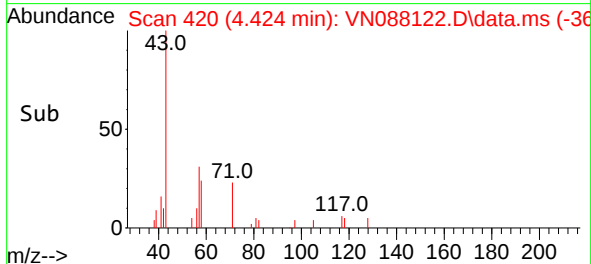
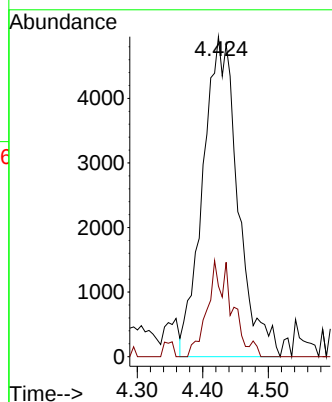
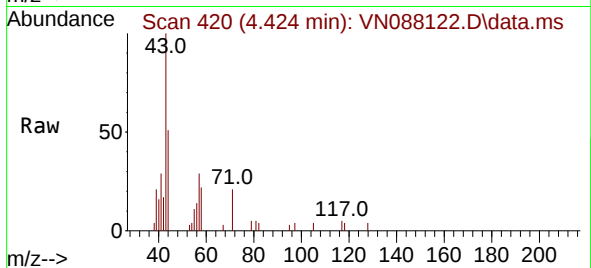




#16
Acetone
Concen: 7.314 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

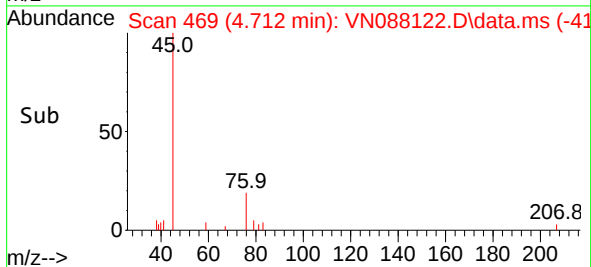
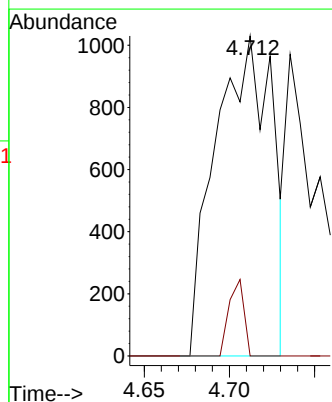
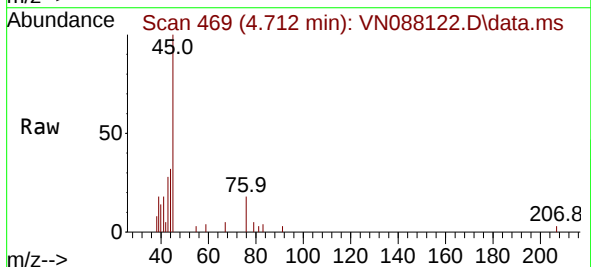
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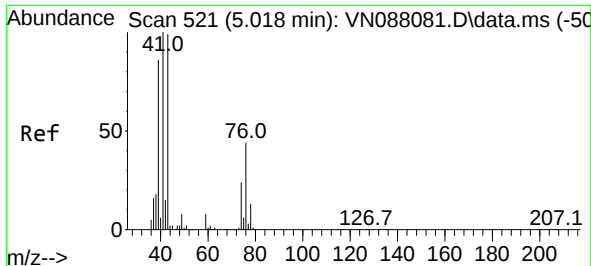
Tgt Ion: 43 Resp: 18434
Ion Ratio Lower Upper
43 100
58 22.1 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.215 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 76 Resp: 2388
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

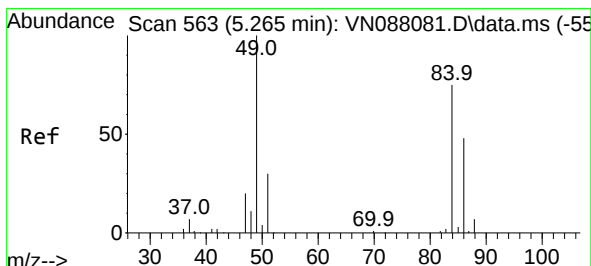
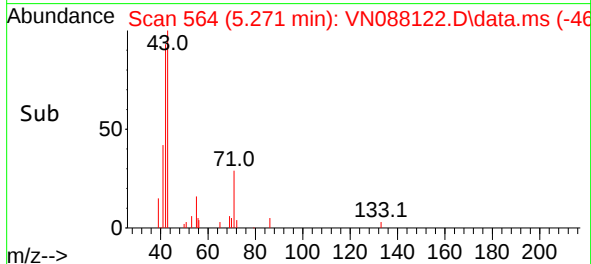
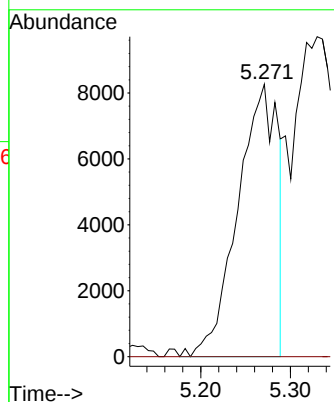
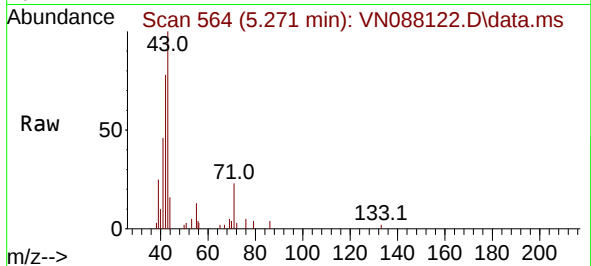




#18
Methyl Acetate
Concen: 4.972 ug/l
RT: 5.271 min Scan# 501
Delta R.T. 0.259 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

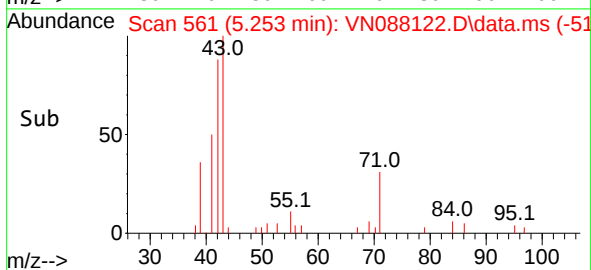
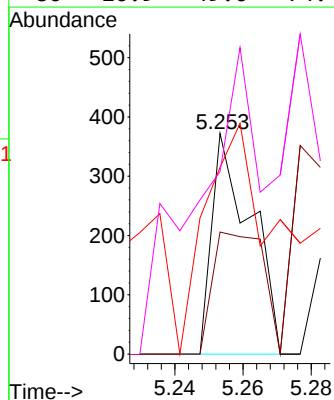
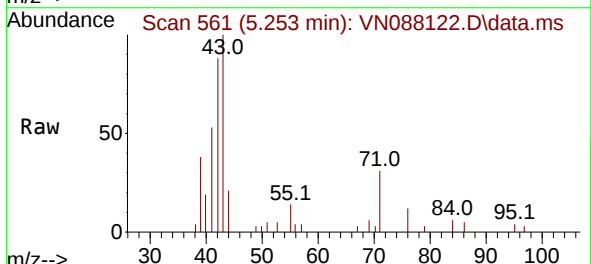
Instrument :
MSVOA_N
ClientSampleId :
MW-06

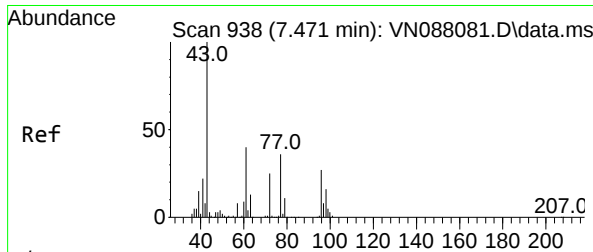
Tgt Ion: 43 Resp: 25657
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#20
Methylene Chloride
Concen: 0.847 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.012 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 84 Resp: 294
Ion Ratio Lower Upper
84 100
49 55.4 103.4 155.2#
51 84.7 33.8 50.8#
86 26.9 49.6 74.4#

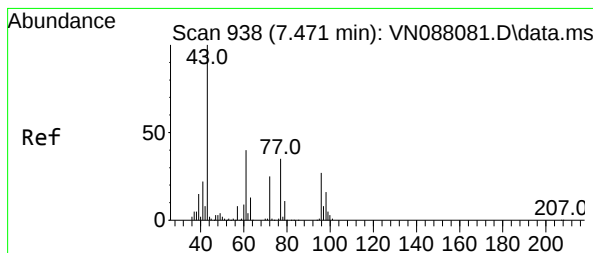
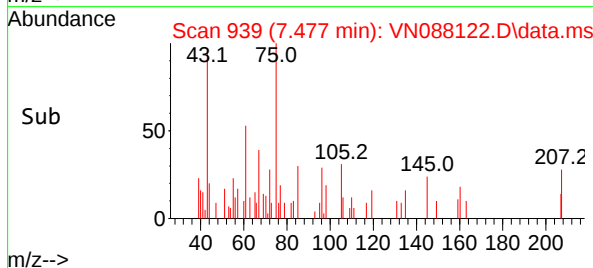
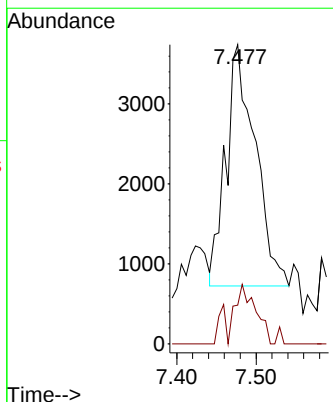
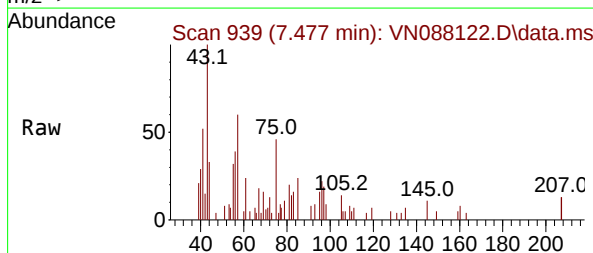




#25
2-Butanone
Concen: 2.330 ug/l
RT: 7.477 min Scan# 938
Delta R.T. 0.012 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

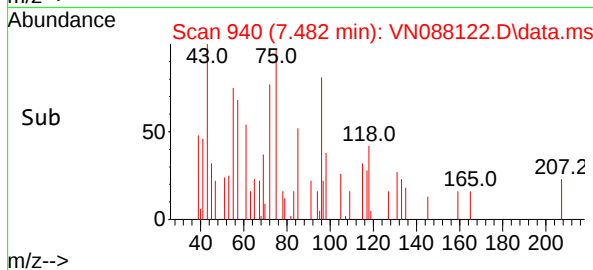
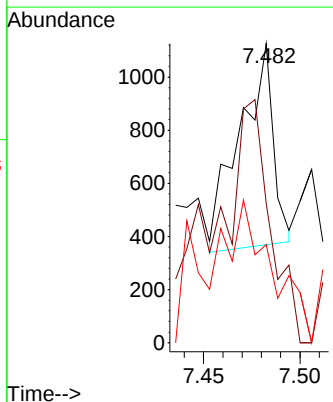
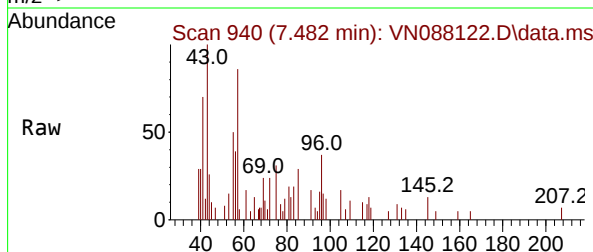
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ClientSampleId : MW-06

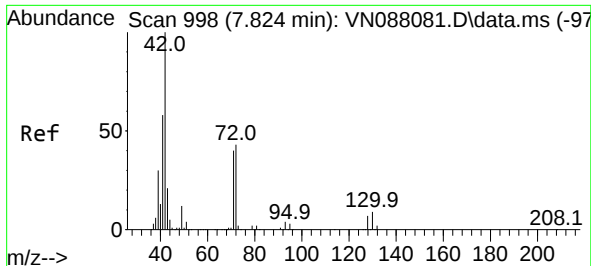
Tgt Ion: 43 Resp: 7738
Ion Ratio Lower Upper
43 100
72 16.0 19.9 29.9#



#27
cis-1,2-Dichloroethene
Concen: 0.201 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.017 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 96 Resp: 924
Ion Ratio Lower Upper
96 100
61 142.5 0.0 301.8
98 98.7 0.0 126.2

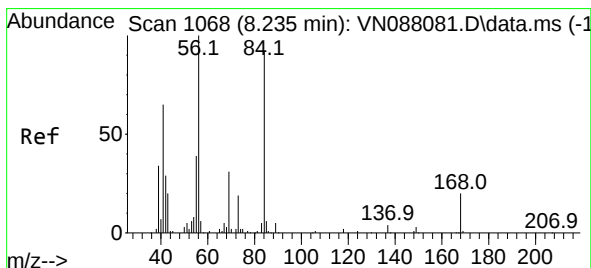
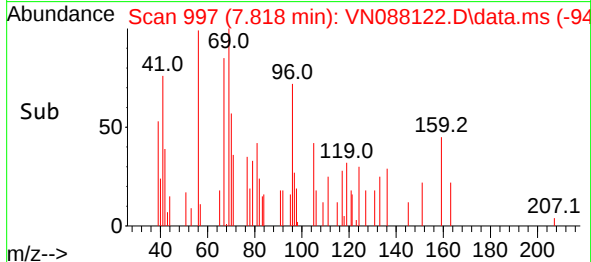
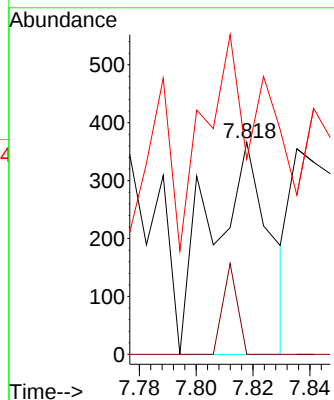
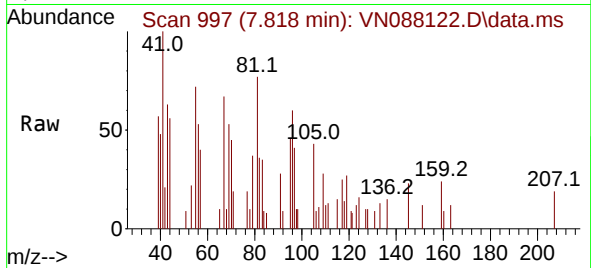




#29
Tetrahydrofuran
Concen: 0.243 ug/l
RT: 7.818 min Scan# 998
Delta R.T. -0.006 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

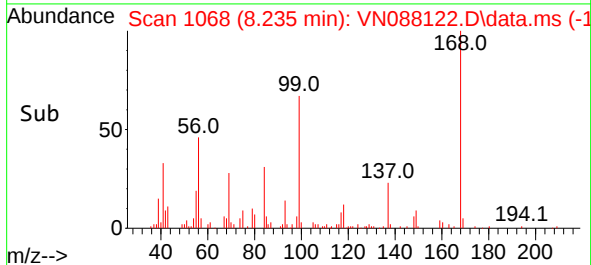
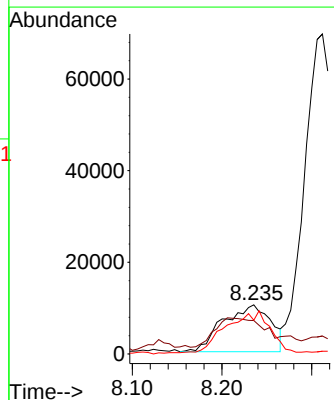
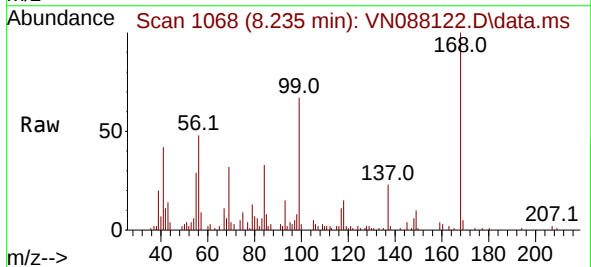
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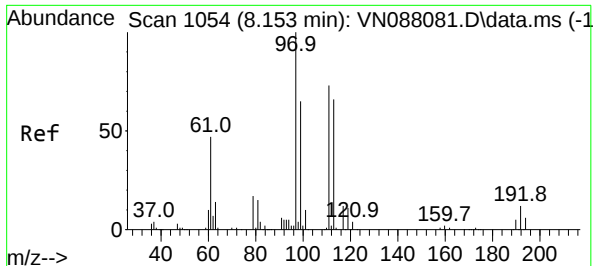
Tgt Ion: 42 Resp: 526
Ion Ratio Lower Upper
42 100
72 10.5 33.7 50.5#
71 106.7 31.9 47.9#



#31
Cyclohexane
Concen: 5.369 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 56 Resp: 37704
Ion Ratio Lower Upper
56 100
69 56.3 23.7 35.5#
84 69.5 64.7 97.1

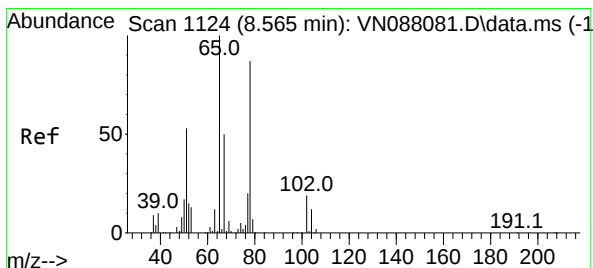
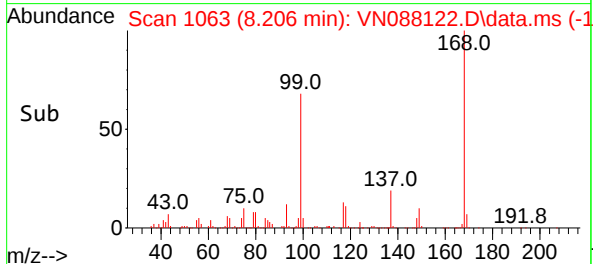
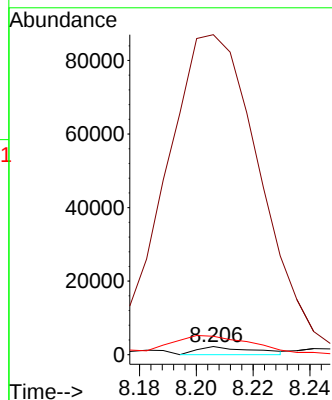
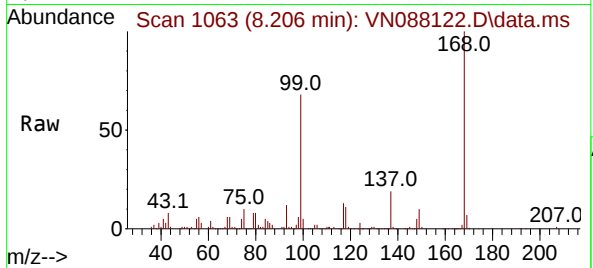




#32
1,1,1-Trichloroethane
Concen: 0.454 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.053 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

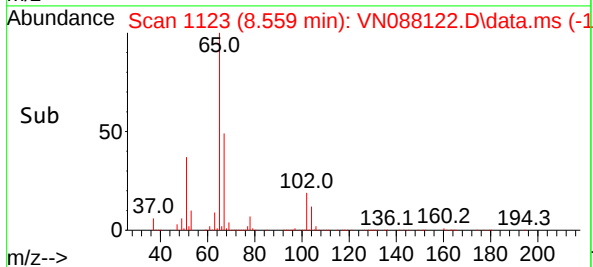
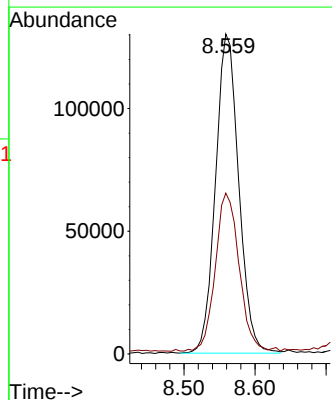
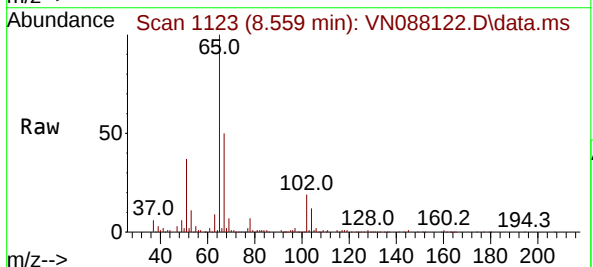
Instrument :
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MW-06

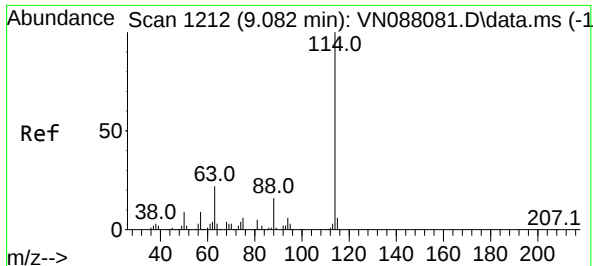
Tgt Ion: 97 Resp: 3005
Ion Ratio Lower Upper
97 100
99 6815.2 52.2 78.2#
61 386.2 41.2 61.8#



#33
1,2-Dichloroethane-d4
Concen: 58.792 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 65 Resp: 294966
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.0

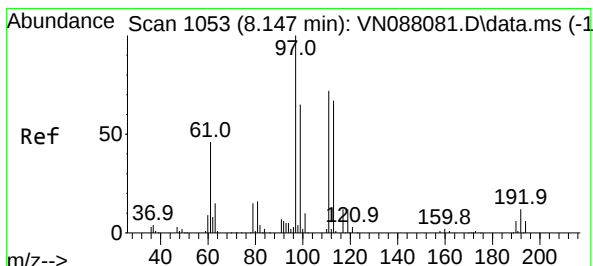
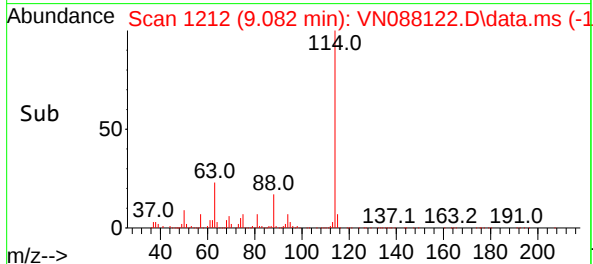
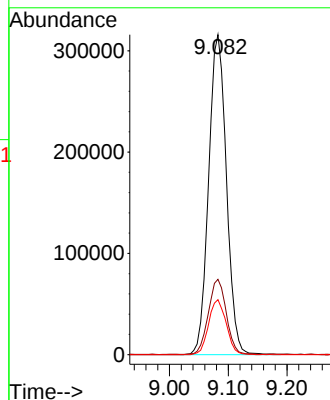
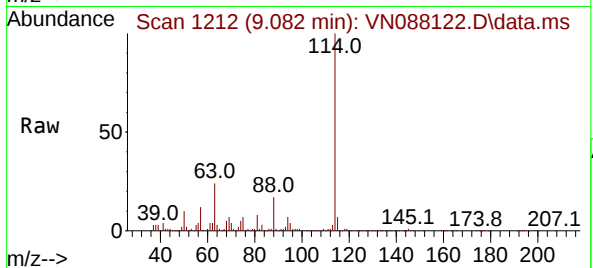




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

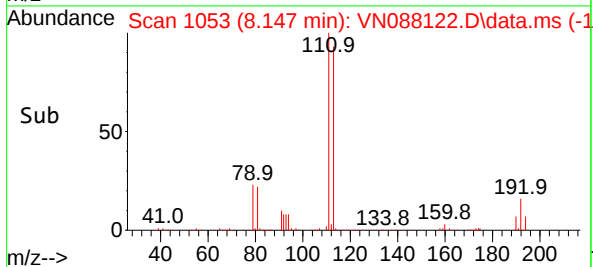
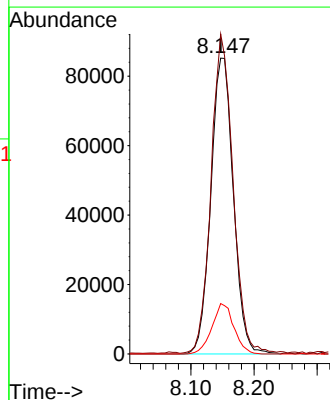
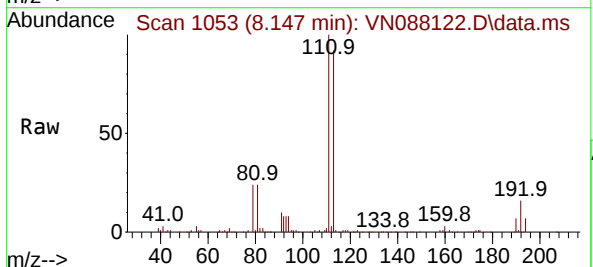
Instrument :
MSVOA_N
ClientSampleId :
MW-06

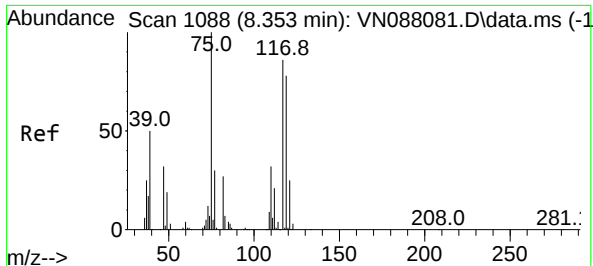
Tgt Ion:114 Resp: 663687
Ion Ratio Lower Upper
114 100
63 23.5 0.0 45.2
88 17.2 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.298 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion:113 Resp: 210885
Ion Ratio Lower Upper
113 100
111 104.9 82.8 124.2
192 16.6 12.8 19.2





#36

1,1-Dichloropropene

Concen: 4.558 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN088122.D

Acq: 27 Oct 2025 18:00

Instrument :

MSVOA_N

ClientSampleId :

MW-06

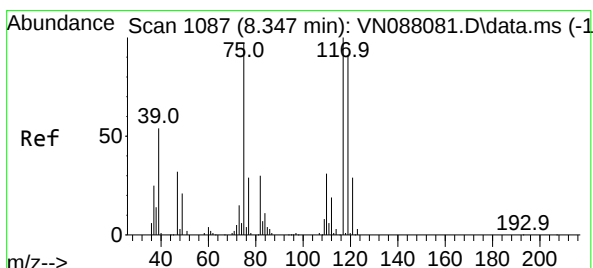
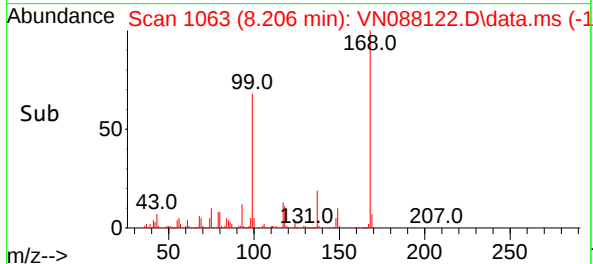
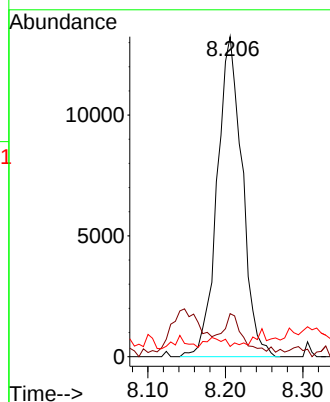
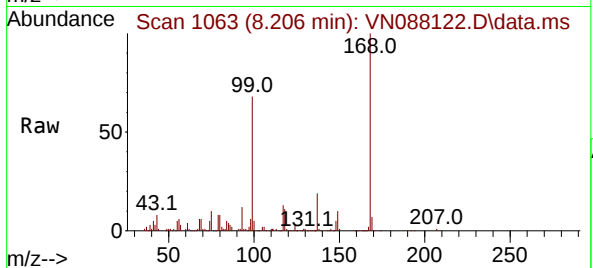
Tgt Ion: 75 Resp: 29675

Ion Ratio Lower Upper

75 100

110 11.0 15.9 47.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.205 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.135 min

Lab File: VN088122.D

Acq: 27 Oct 2025 18:00

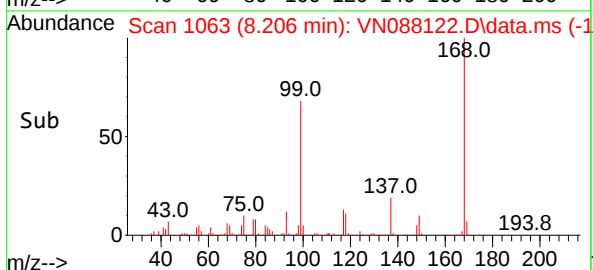
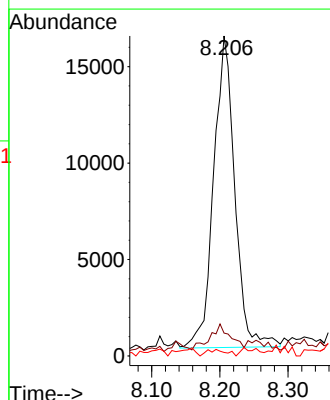
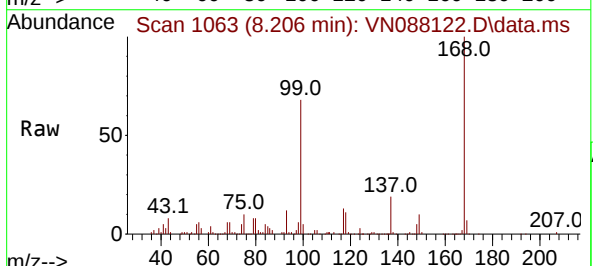
Tgt Ion: 117 Resp: 34997

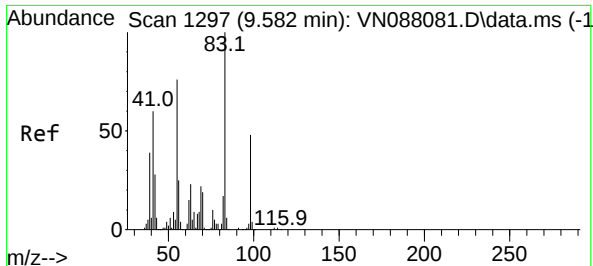
Ion Ratio Lower Upper

117 100

119 5.4 79.0 118.6#

121 0.1 25.0 37.6#





#39

Methylcyclohexane

Concen: 6.118 ug/l

RT: 9.576 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN088122.D

Acq: 27 Oct 2025 18:00

Instrument :

MSVOA_N

ClientSampleId :

MW-06

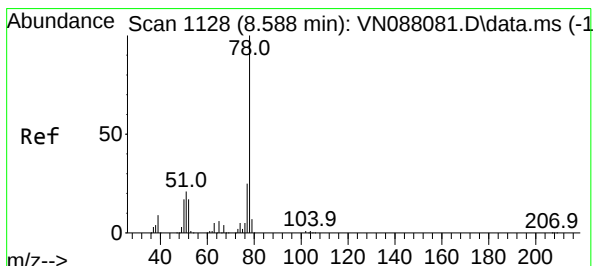
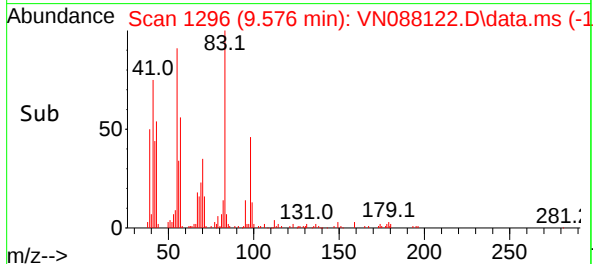
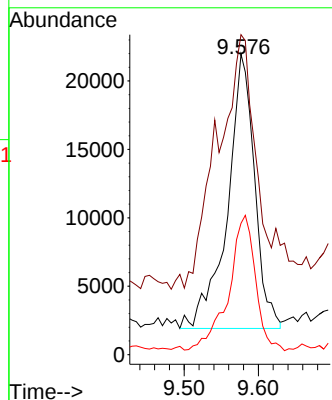
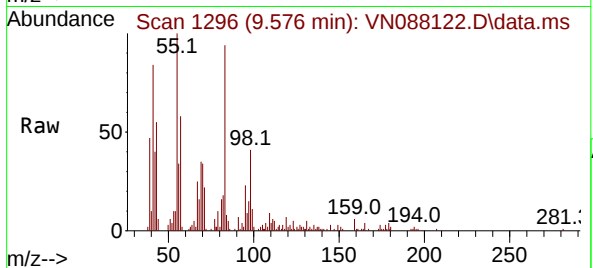
Tgt Ion: 83 Resp: 51197

Ion Ratio Lower Upper

83 100

55 87.4 64.6 96.8

98 44.8 38.4 57.6



#40

Benzene

Concen: 6.356 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN088122.D

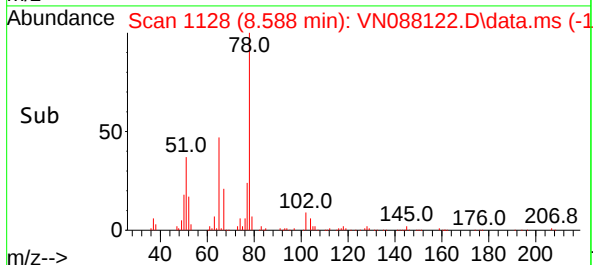
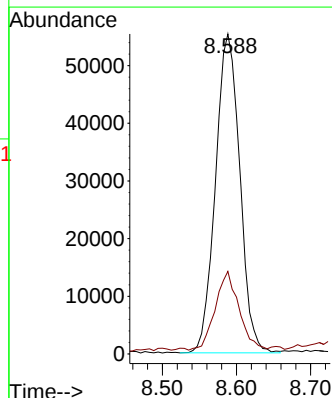
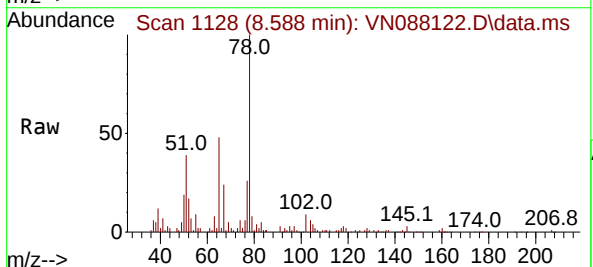
Acq: 27 Oct 2025 18:00

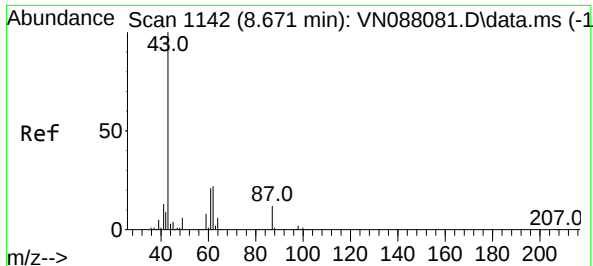
Tgt Ion: 78 Resp: 126026

Ion Ratio Lower Upper

78 100

77 24.1 19.7 29.5

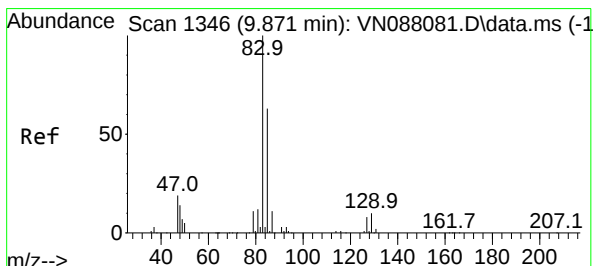
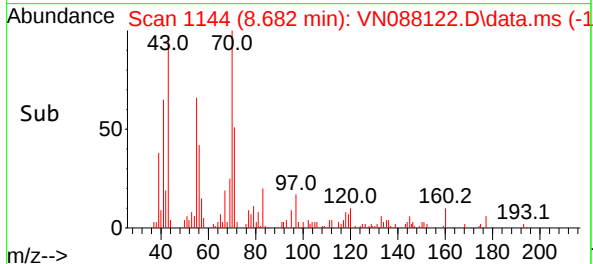
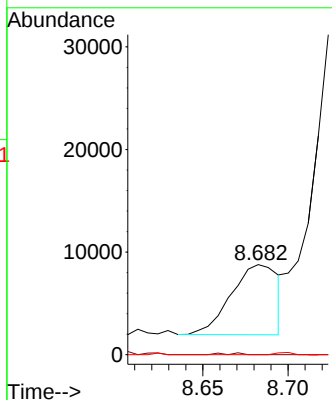
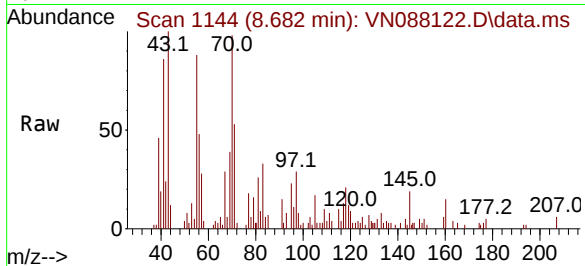




#43
Isopropyl Acetate
Concen: 1.012 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. 0.012 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

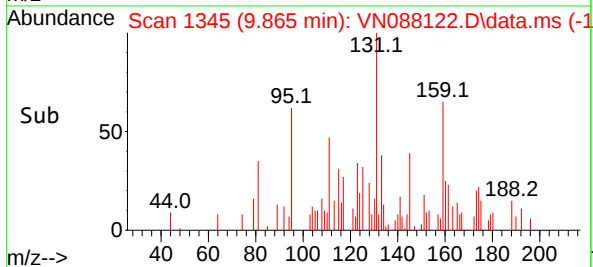
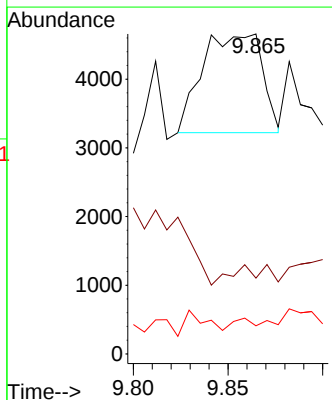
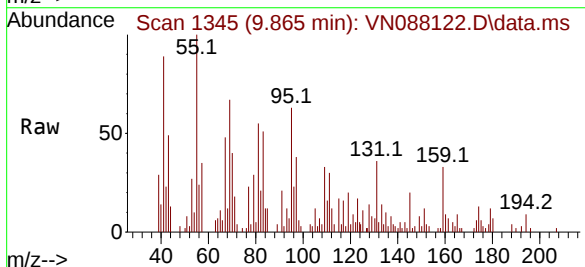
Instrument :
MSVOA_N
ClientSampleId :
MW-06

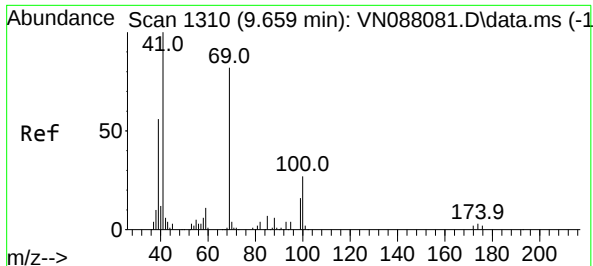
Tgt Ion: 43 Resp: 13069
Ion Ratio Lower Upper
43 100
61 0.0 18.8 28.2#
87 1.0 9.6 14.4#



#47
Bromodichloromethane
Concen: 0.441 ug/l
RT: 9.865 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 83 Resp: 3151
Ion Ratio Lower Upper
83 100
85 3.8 52.5 78.7#
127 10.7 5.8 8.6#

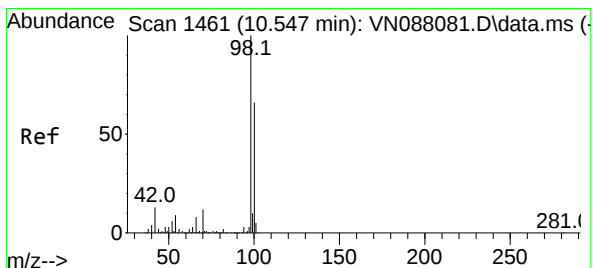
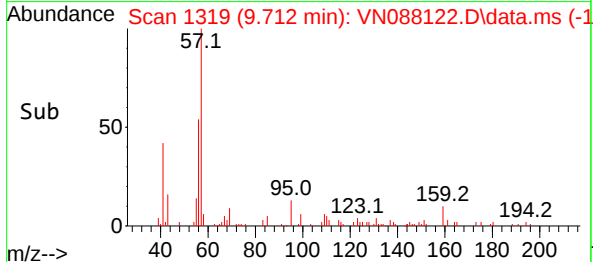
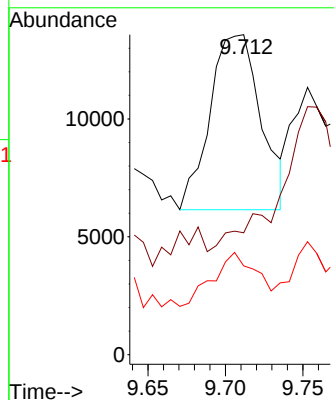
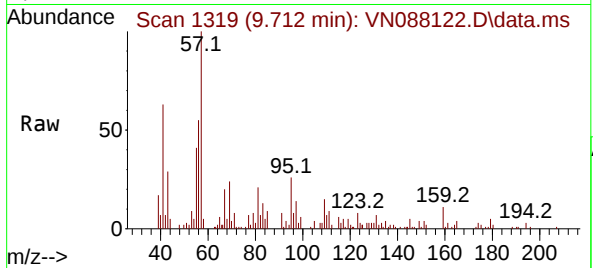




#48
Methyl methacrylate
Concen: 2.852 ug/l
RT: 9.712 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

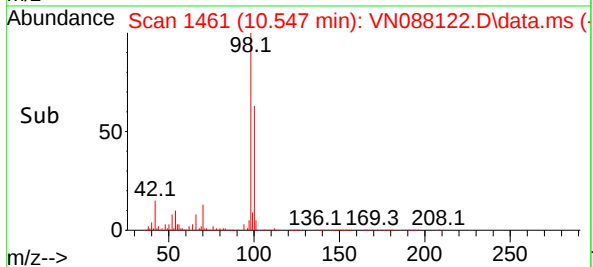
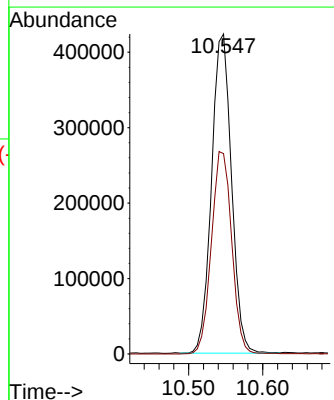
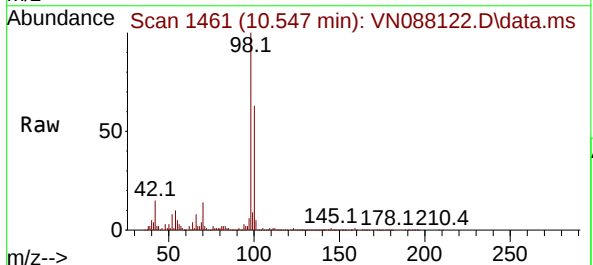
Instrument :
MSVOA_N
ClientSampleId :
MW-06

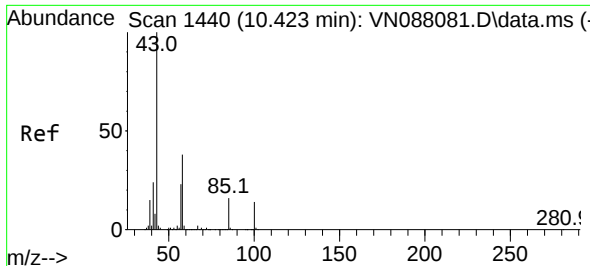
Tgt Ion: 41 Resp: 16998
Ion Ratio Lower Upper
41 100
69 0.0 62.7 94.1#
39 26.4 52.9 79.3#



#50
Toluene-d8
Concen: 46.005 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 98 Resp: 790369
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2

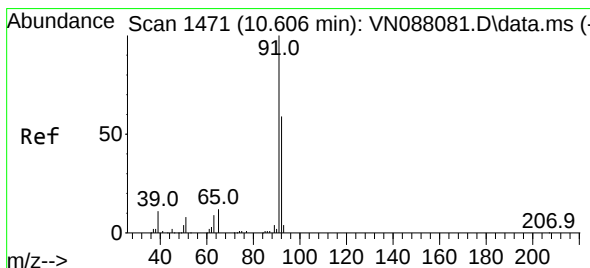
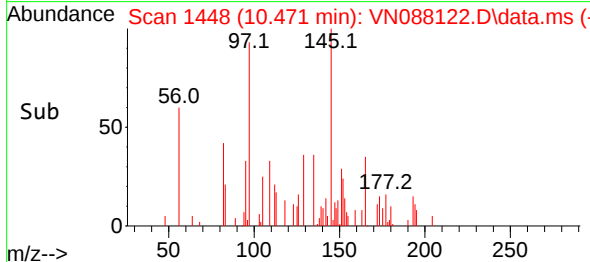
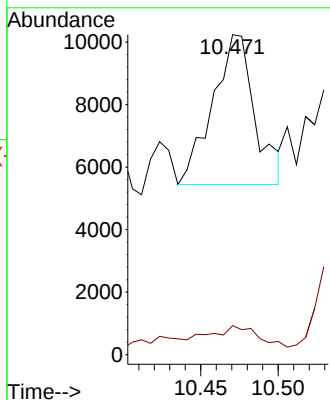
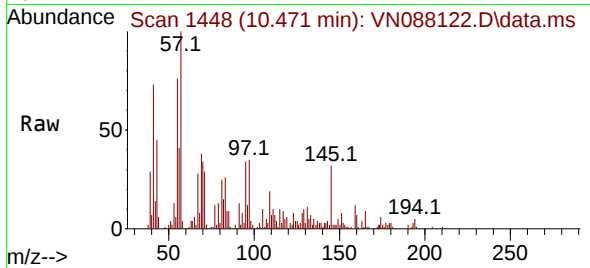




#51
4-Methyl-2-Pentanone
Concen: 1.185 ug/l
RT: 10.471 min Scan# 1448
Delta R.T. 0.047 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

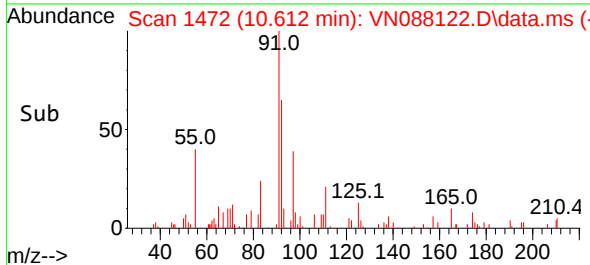
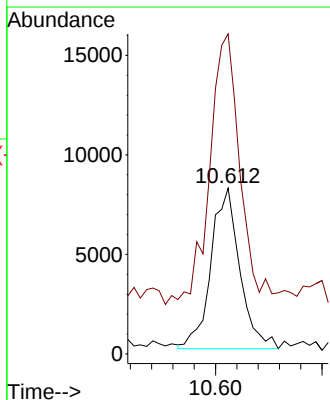
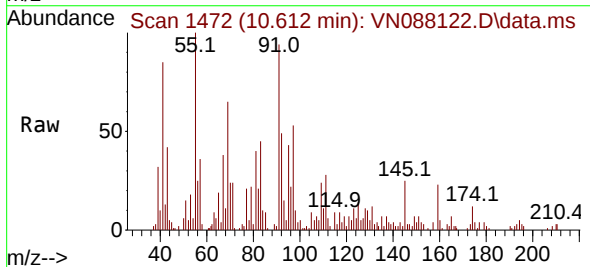
Instrument :
MSVOA_N
ClientSampleId :
MW-06

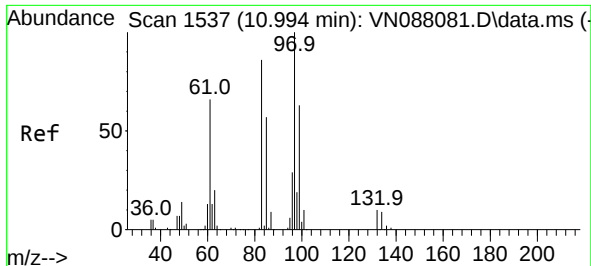
Tgt Ion: 43 Resp: 9049
Ion Ratio Lower Upper
43 100
58 16.0 29.6 44.4#



#52
Toluene
Concen: 1.243 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 92 Resp: 15191
Ion Ratio Lower Upper
92 100
91 177.6 140.4 210.6

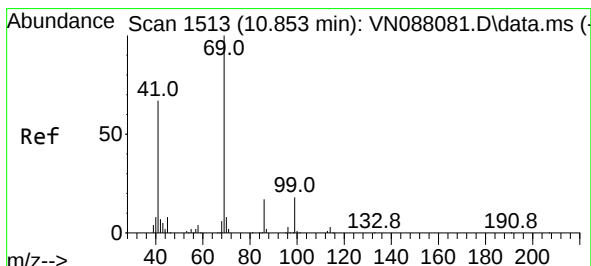
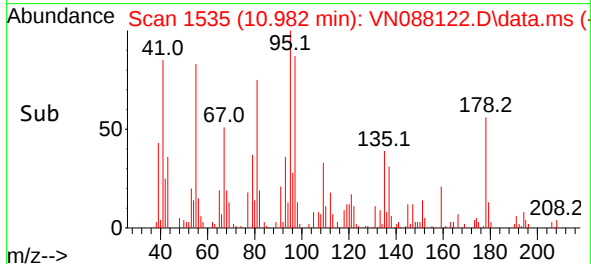
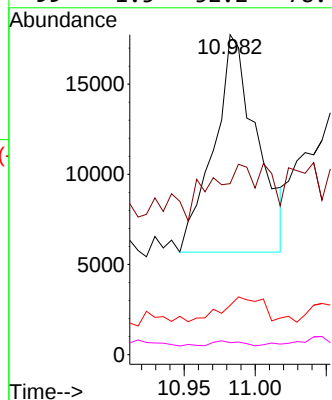
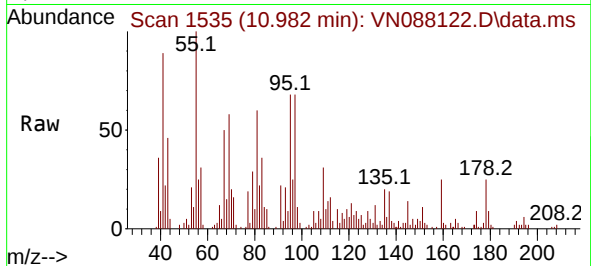




#55
1,1,2-Trichloroethane
Concen: 5.469 ug/l
RT: 10.982 min Scan# 1518
Delta R.T. -0.012 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

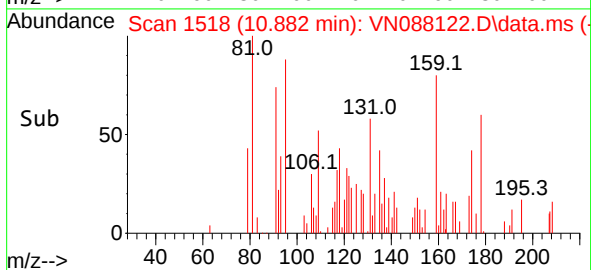
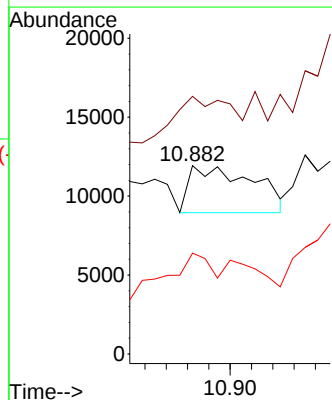
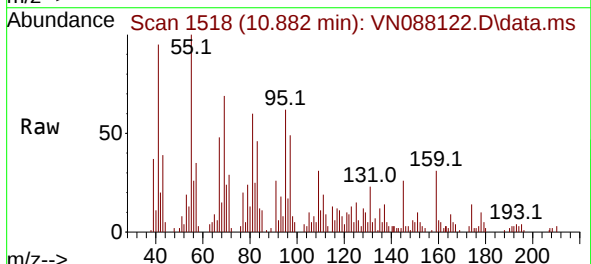
Instrument : MSVOA_N
ClientSampleId : MW-06

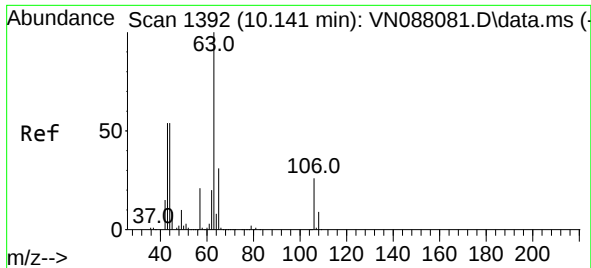
Tgt Ion:	97	Resp:	25365
Ion	Ratio	Lower	Upper
97	100		
83	10.3	68.2	102.4#
85	5.9	45.5	68.3#
99	1.5	52.2	78.4#



#56
Ethyl methacrylate
Concen: 0.833 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.029 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion:	69	Resp:	6115
Ion	Ratio	Lower	Upper
69	100		
41	89.7	56.5	84.7#
39	73.0	34.2	51.4#

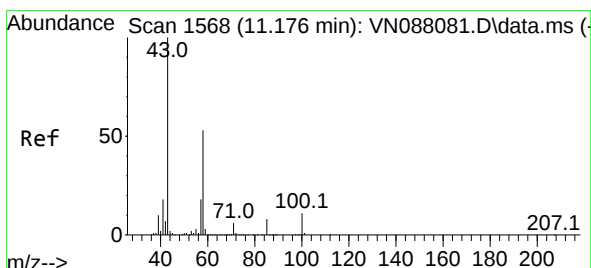
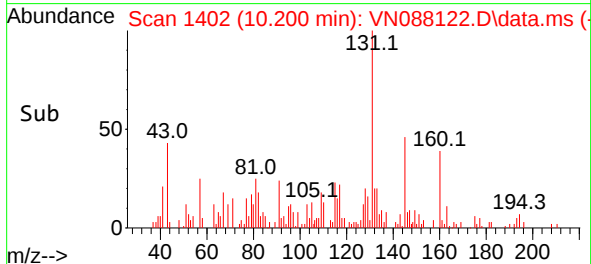
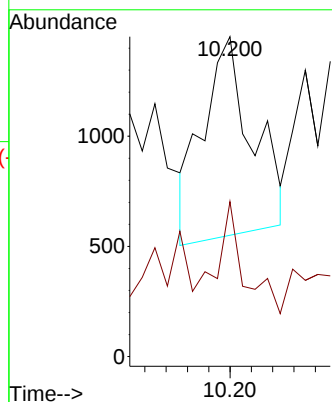
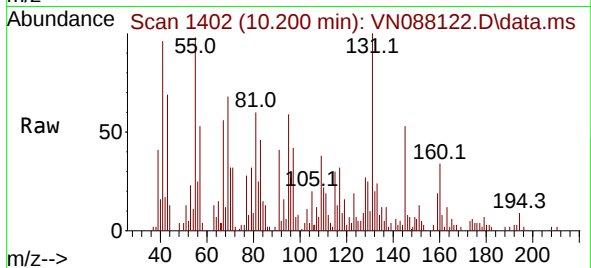




#58
2-Chloroethyl Vinyl ether
Concen: 0.382 ug/l
RT: 10.200 min Scan# 1402
Delta R.T. 0.059 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

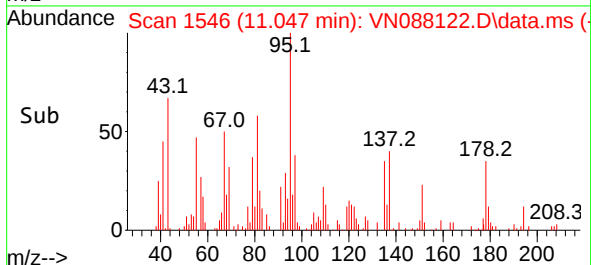
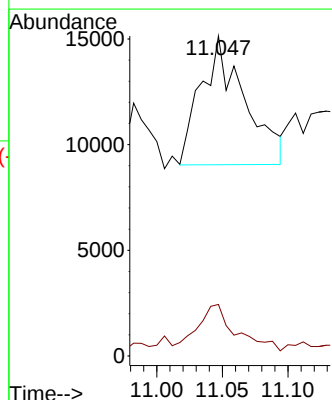
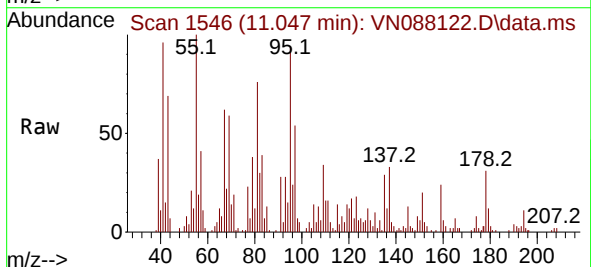
Instrument :
MSVOA_N
ClientSampleId :
MW-06

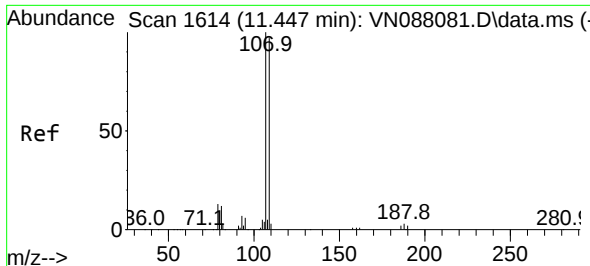
Tgt Ion: 63 Resp: 1460
Ion Ratio Lower Upper
63 100
106 23.3 21.1 31.7



#59
2-Hexanone
Concen: 2.767 ug/l
RT: 11.047 min Scan# 1546
Delta R.T. -0.130 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 43 Resp: 14017
Ion Ratio Lower Upper
43 100
58 31.6 25.9 77.8

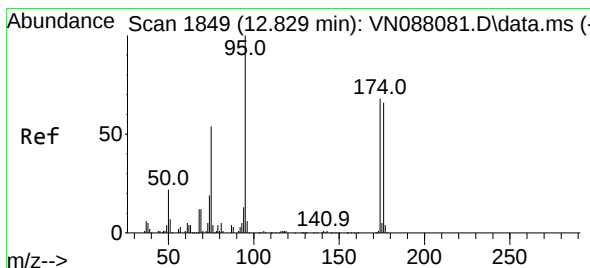
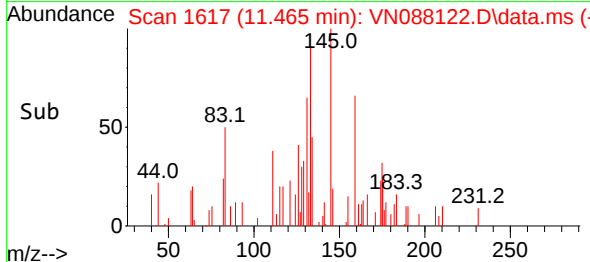
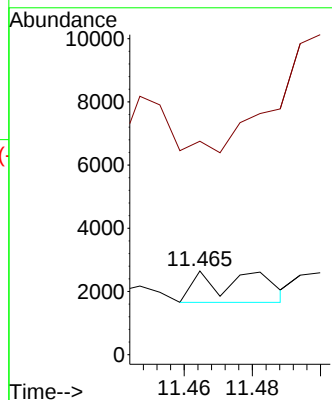
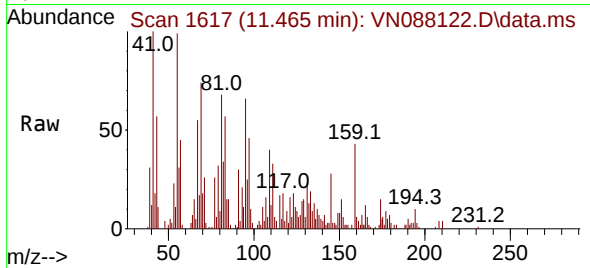




#61
1,2-Dibromoethane
Concen: 0.251 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.017 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

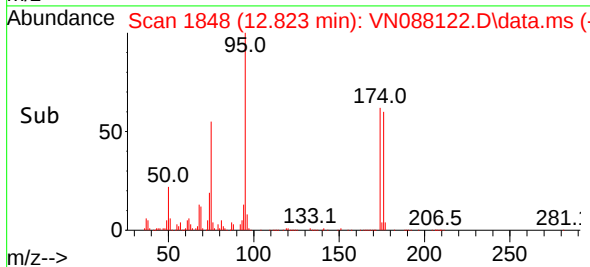
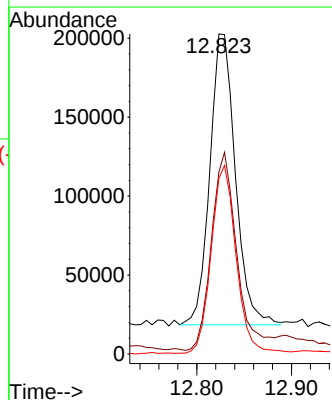
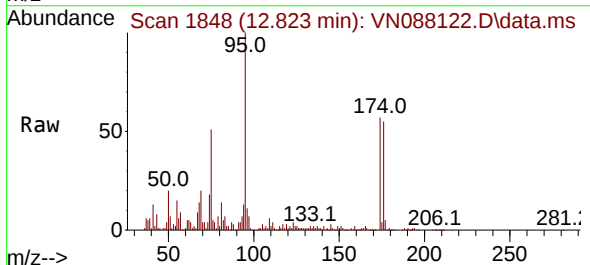
Instrument :
MSVOA_N
ClientSampleId :
MW-06

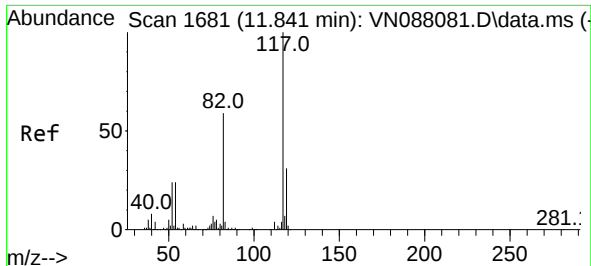
Tgt Ion:107 Resp: 1197
Ion Ratio Lower Upper
107 100
109 109.9 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 57.026 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 95 Resp: 346000
Ion Ratio Lower Upper
95 100
174 68.0 0.0 138.4
176 62.6 0.0 132.6

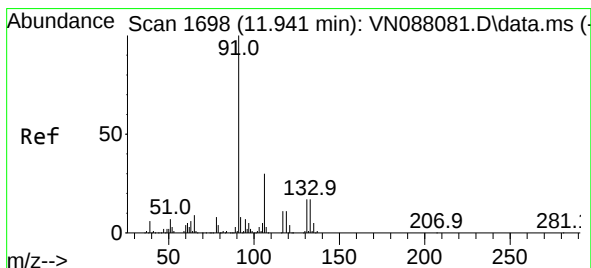
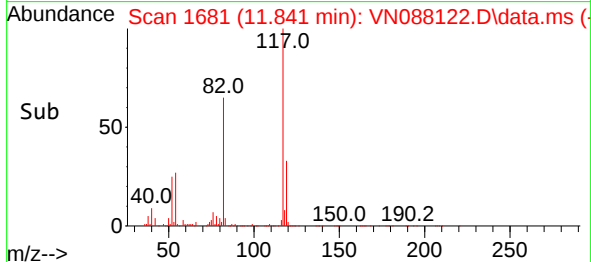
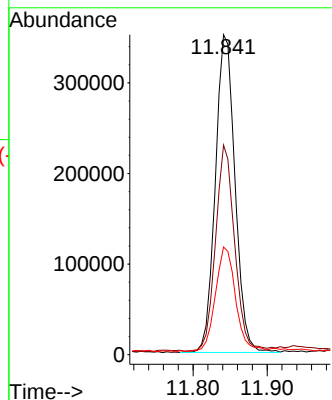
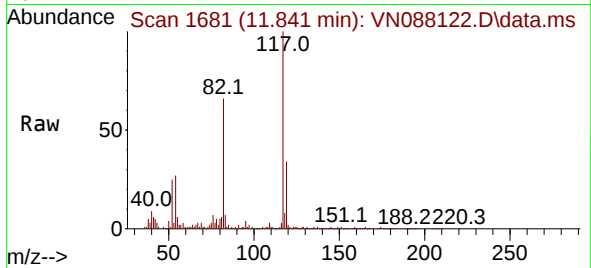




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

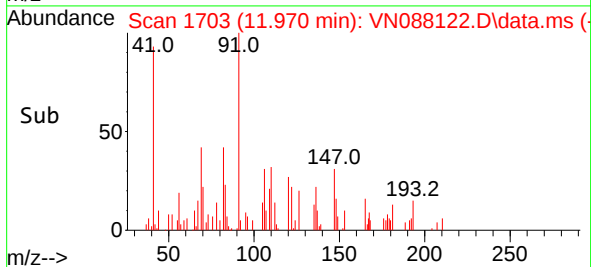
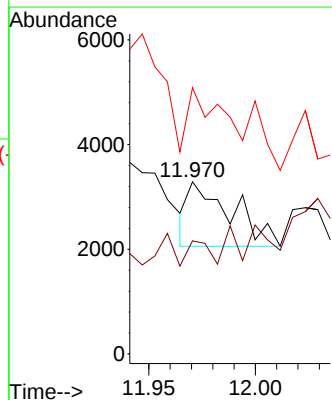
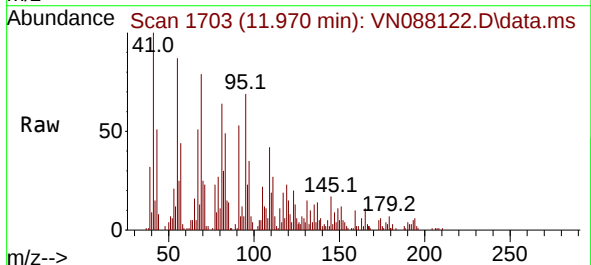
Instrument :
MSVOA_N
ClientSampleId :
MW-06

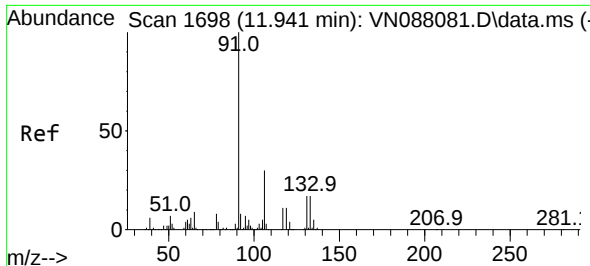
Tgt Ion:117 Resp: 646735
Ion Ratio Lower Upper
117 100
82 64.6 47.4 71.2
119 32.7 24.3 36.5



#66
1,1,1,2-Tetrachloroethane
Concen: 0.367 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.029 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion:131 Resp: 1765
Ion Ratio Lower Upper
131 100
133 0.0 48.0 144.0#
119 0.0 32.6 97.7#

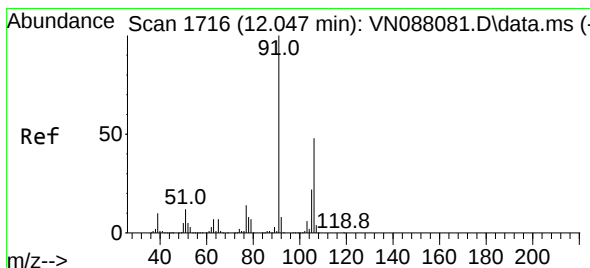
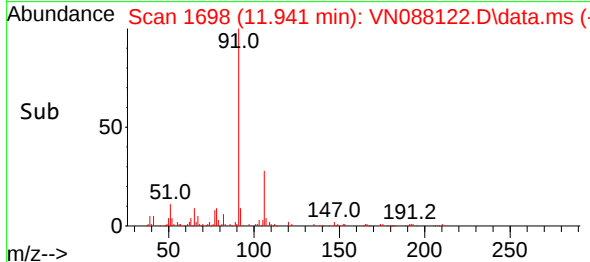
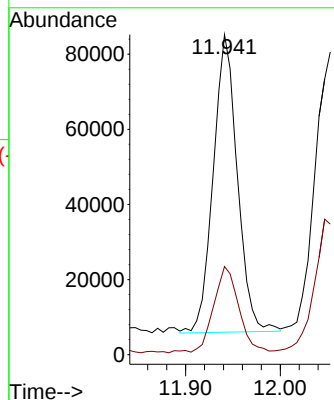
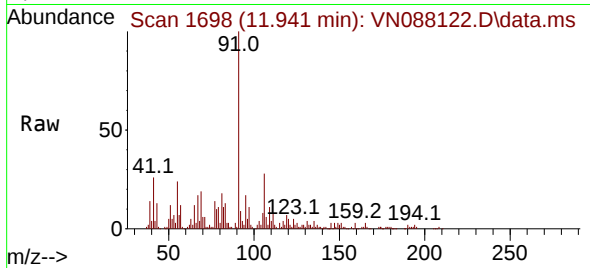




#67
Ethyl Benzene
Concen: 5.432 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

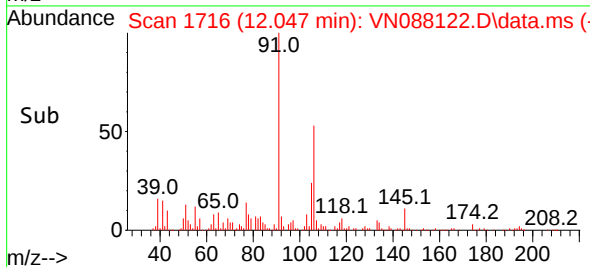
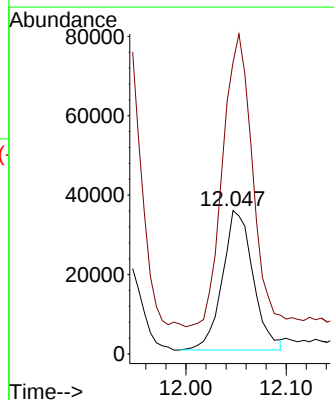
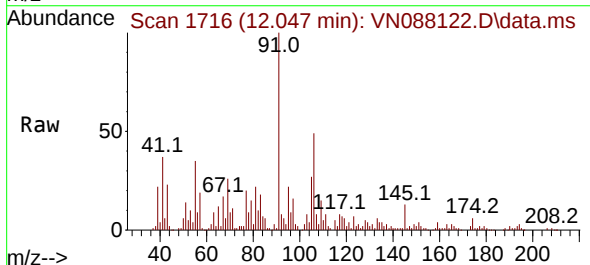
Instrument :
MSVOA_N
ClientSampleId :
MW-06

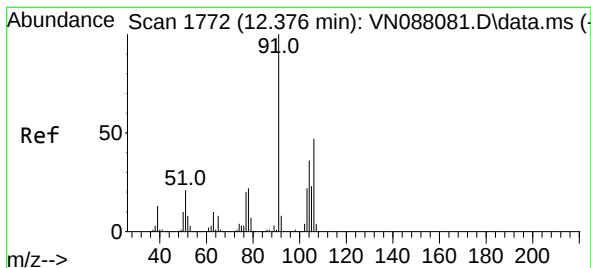
Tgt Ion: 91 Resp: 140014
Ion Ratio Lower Upper
91 100
106 28.5 24.1 36.1



#68
m/p-Xylenes
Concen: 7.717 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 106 Resp: 74533
Ion Ratio Lower Upper
106 100
91 205.8 169.3 253.9





#69

o-Xylene

Concen: 4.158 ug/l

RT: 12.376 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VN088122.D

Acq: 27 Oct 2025 18:00

Instrument :

MSVOA_N

ClientSampleId :

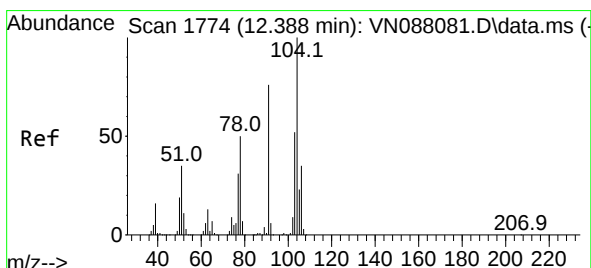
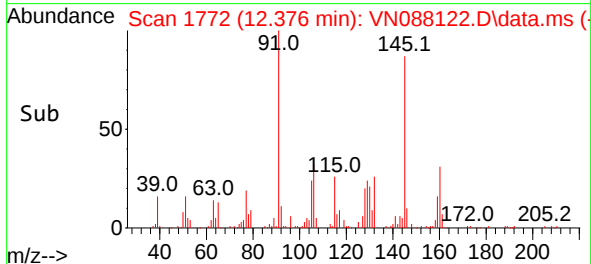
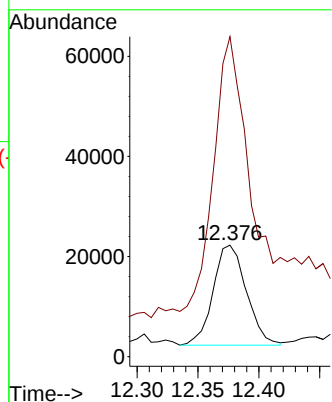
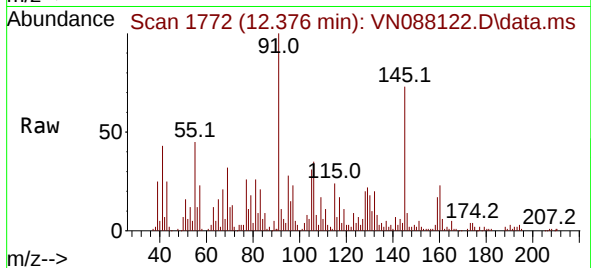
MW-06

Tgt Ion:106 Resp: 38065

Ion Ratio Lower Upper

106 100

91 423.3 111.4 334.2#



#70

Styrene

Concen: 0.391 ug/l

RT: 12.382 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VN088122.D

Acq: 27 Oct 2025 18:00

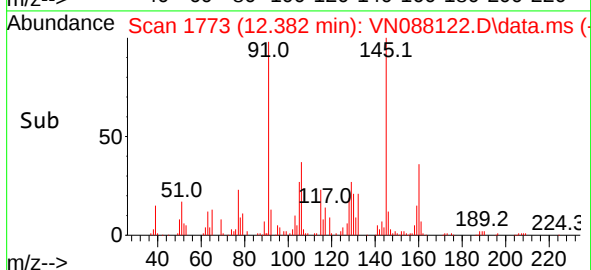
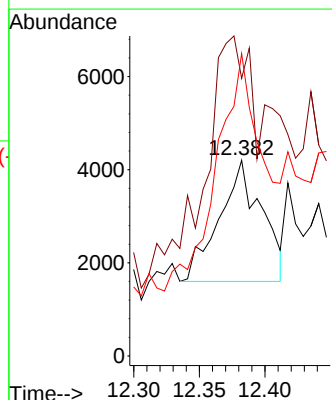
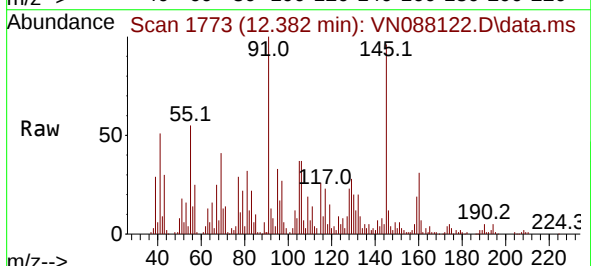
Tgt Ion:104 Resp: 5844

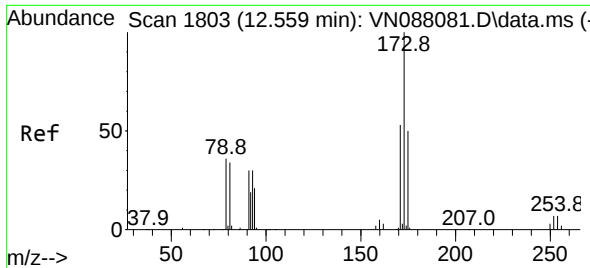
Ion Ratio Lower Upper

104 100

78 240.8 42.2 63.2#

103 216.9 43.4 65.2#

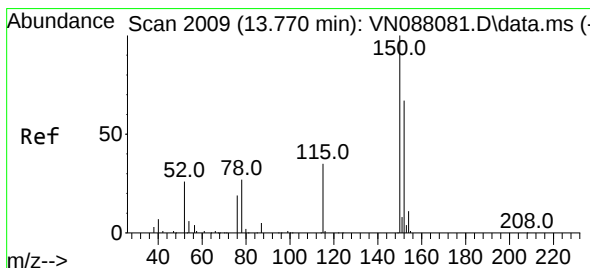
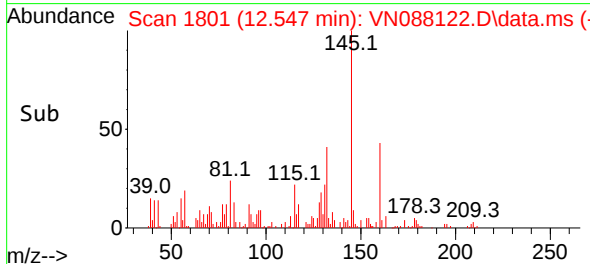
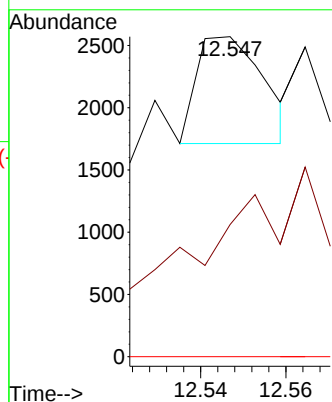
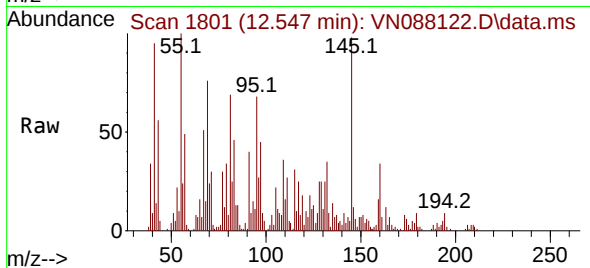




#71
Bromoform
Concen: 0.262 ug/l
RT: 12.547 min Scan# 1801
Delta R.T. -0.012 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

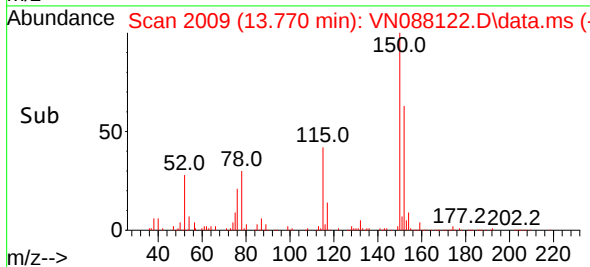
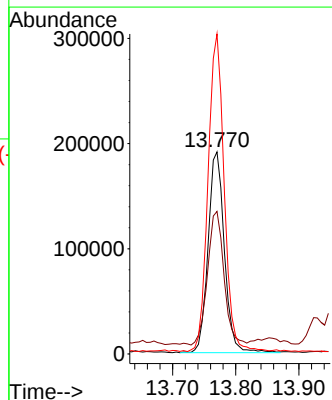
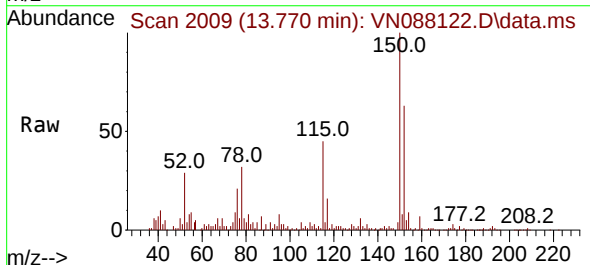
Instrument :
MSVOA_N
ClientSampleId :
MW-06

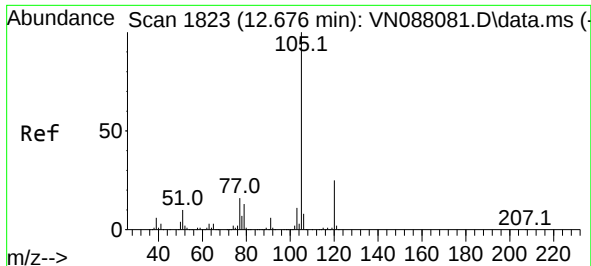
Tgt Ion:173 Resp: 940
Ion Ratio Lower Upper
173 100
175 51.8 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion:152 Resp: 342261
Ion Ratio Lower Upper
152 100
115 67.1 32.3 96.8
150 155.8 0.0 351.0

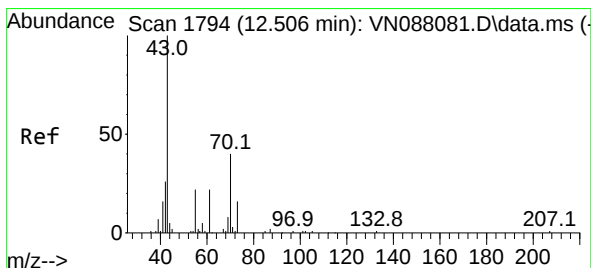
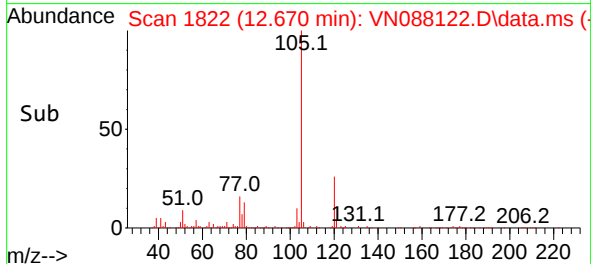
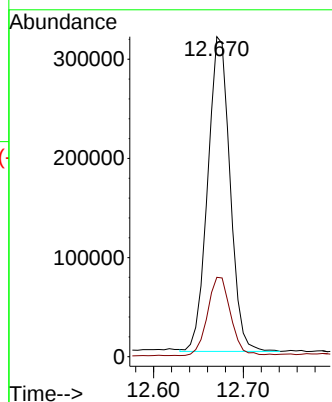
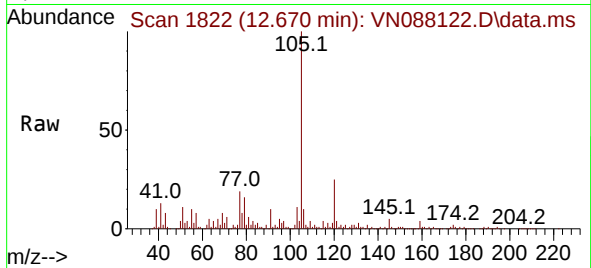




#73
Isopropylbenzene
Concen: 20.796 ug/l
RT: 12.670 min Scan# 1823
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

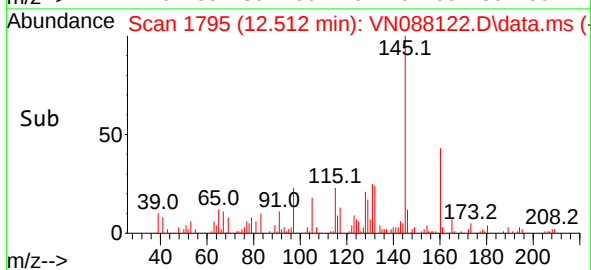
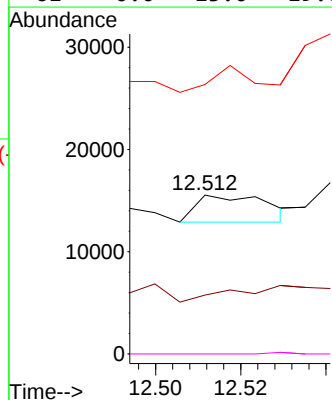
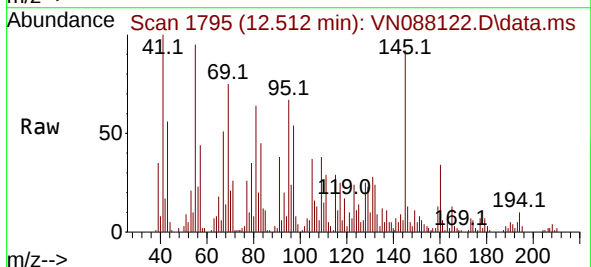
Instrument :
MSVOA_N
ClientSampleId :
MW-06

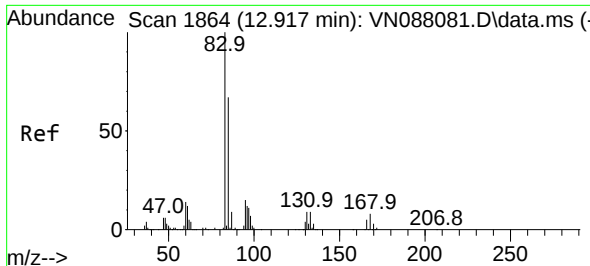
Tgt Ion:105 Resp: 548968
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3



#74
N-ethyl acetate
Concen: 0.408 ug/l
RT: 12.512 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 43 Resp: 3061
Ion Ratio Lower Upper
43 100
70 31.0 27.6 41.4
55 57.7 13.0 19.6#
61 0.0 13.0 19.6#

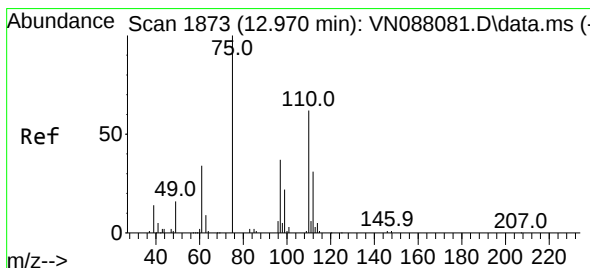
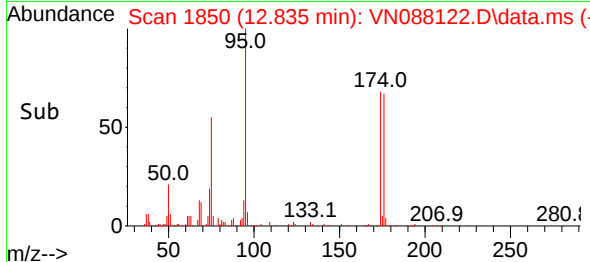
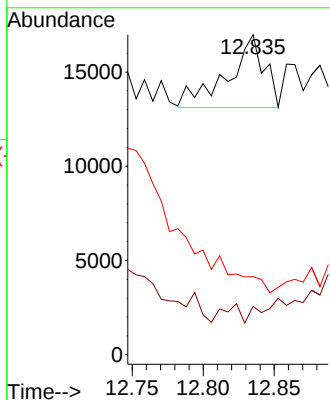
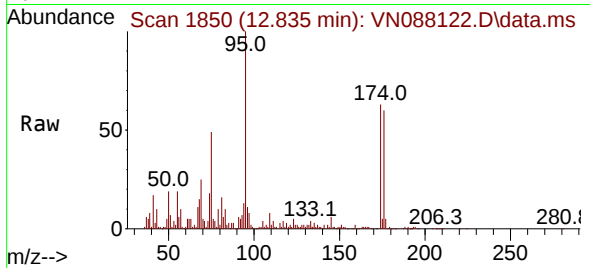




#75
1,1,2,2-Tetrachloroethane
Concen: 0.832 ug/l
RT: 12.835 min Scan# 1850
Delta R.T. -0.082 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

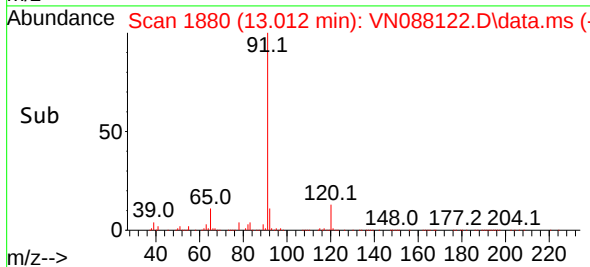
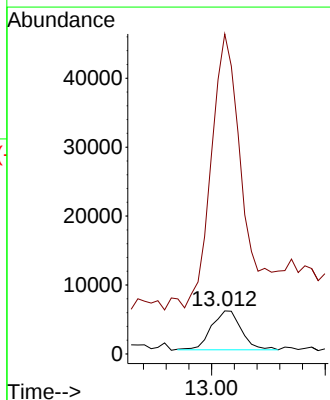
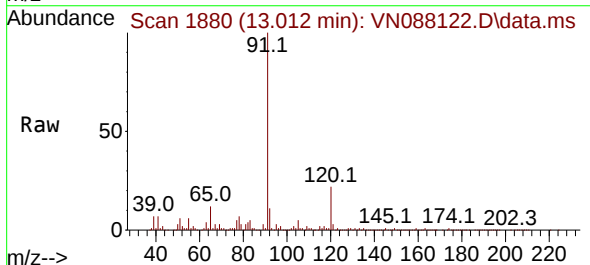
Instrument :
MSVOA_N
ClientSampleId :
MW-06

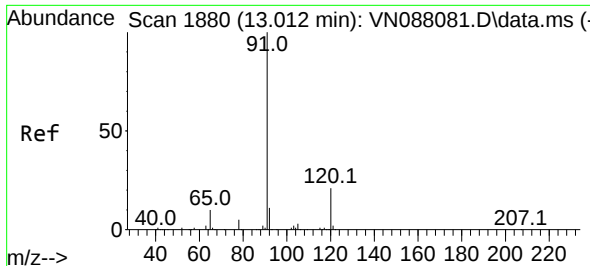
Tgt Ion: 83 Resp: 6836
Ion Ratio Lower Upper
83 100
131 23.2 4.8 14.4#
85 0.0 32.1 96.3#



#76
1,2,3-Trichloropropane
Concen: 1.319 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.041 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 75 Resp: 10322
Ion Ratio Lower Upper
75 100
77 741.8 89.1 267.4#

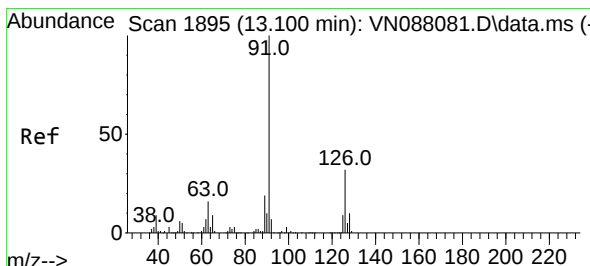
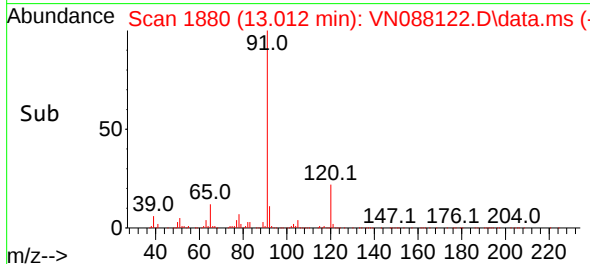
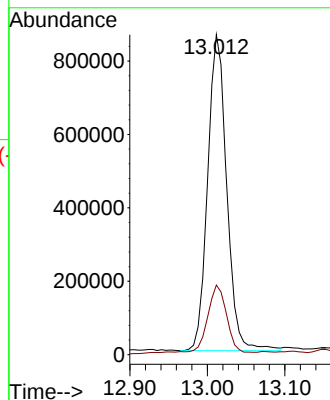
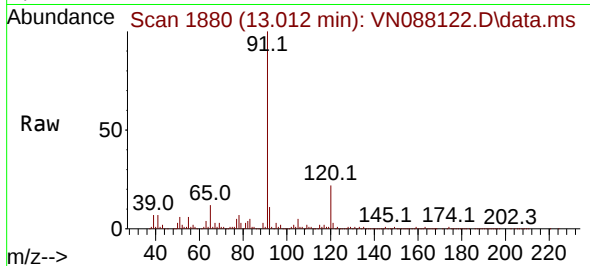




#78
n-propylbenzene
Concen: 45.712 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

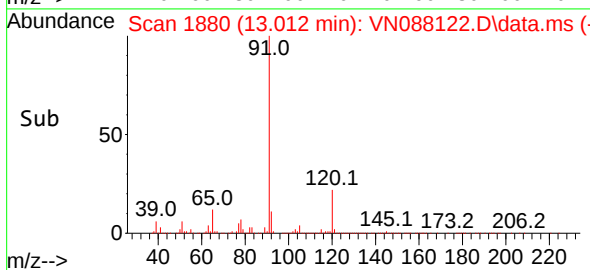
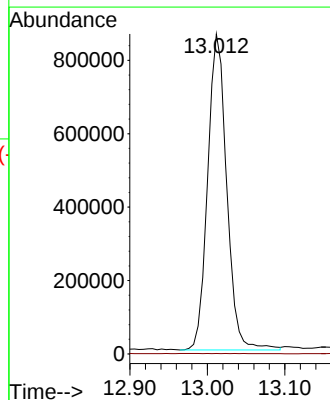
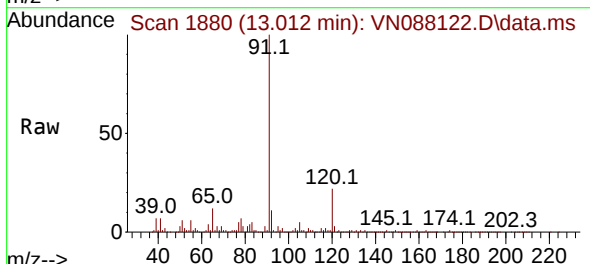
Instrument :
MSVOA_N
ClientSampleId :
MW-06

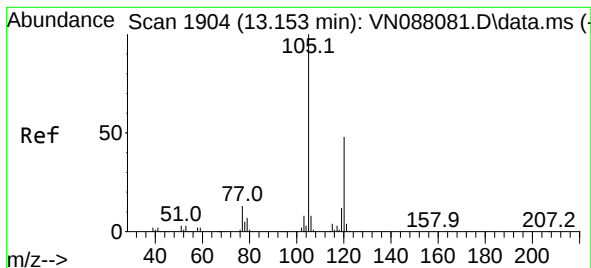
Tgt Ion: 91 Resp: 1472587
Ion Ratio Lower Upper
91 100
120 23.2 10.7 32.1



#79
2-Chlorotoluene
Concen: 80.157 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.088 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 91 Resp: 1472587
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#





#80

1,3,5-Trimethylbenzene

Concen: 1.983 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN088122.D

Acq: 27 Oct 2025 18:00

Instrument :

MSVOA_N

ClientSampleId :

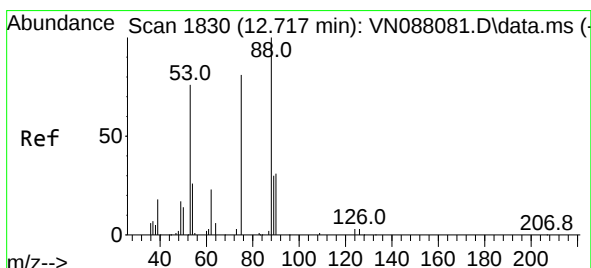
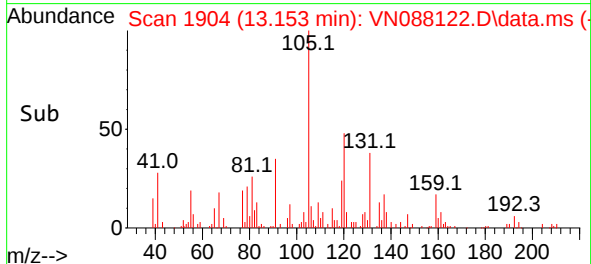
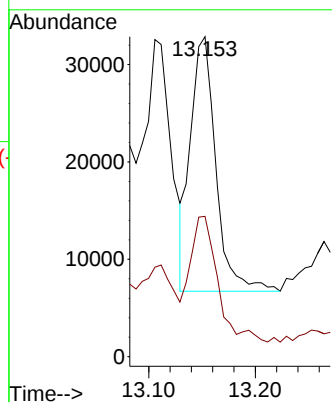
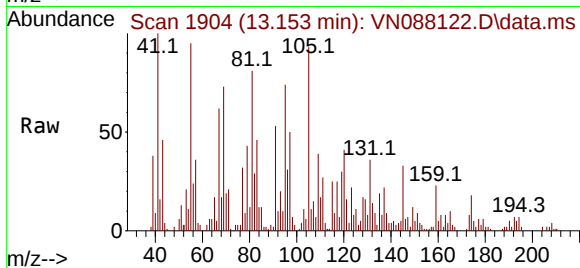
MW-06

Tgt Ion:105 Resp: 43481

Ion Ratio Lower Upper

105 100

120 53.6 23.2 69.6



#81

trans-1,4-Dichloro-2-butene

Concen: 2.976 ug/l

RT: 12.676 min Scan# 1823

Delta R.T. -0.041 min

Lab File: VN088122.D

Acq: 27 Oct 2025 18:00

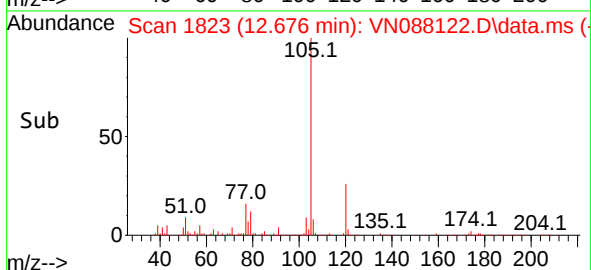
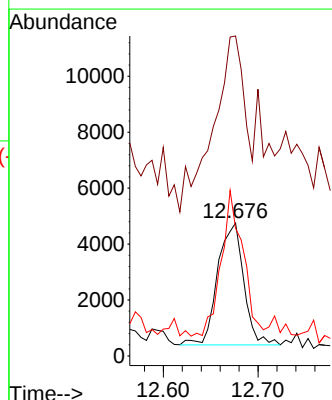
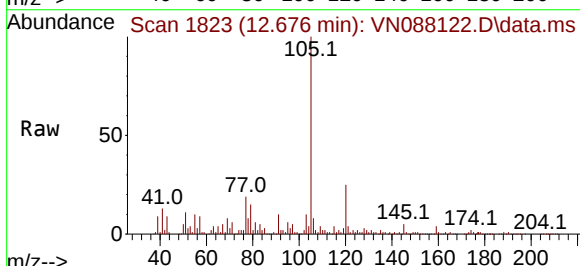
Tgt Ion: 75 Resp: 8347

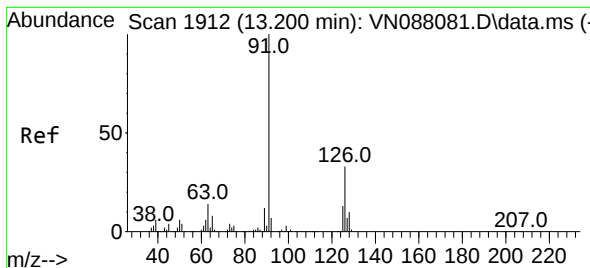
Ion Ratio Lower Upper

75 100

53 177.1 101.8 152.6#

89 99.6 35.6 53.4#

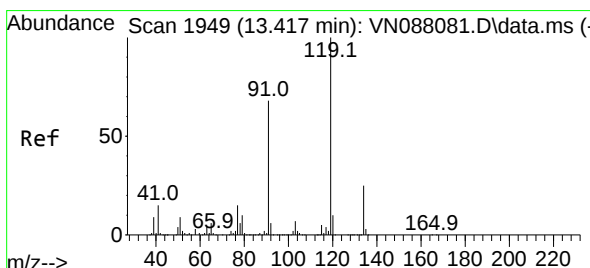
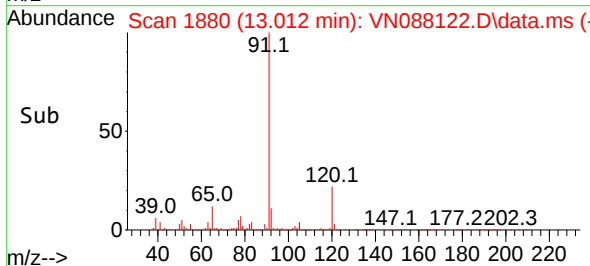
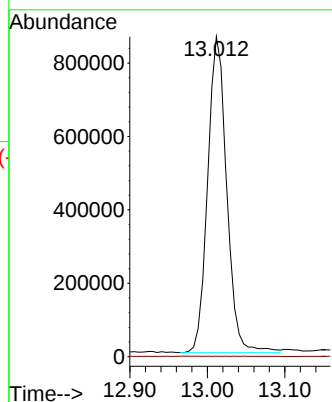
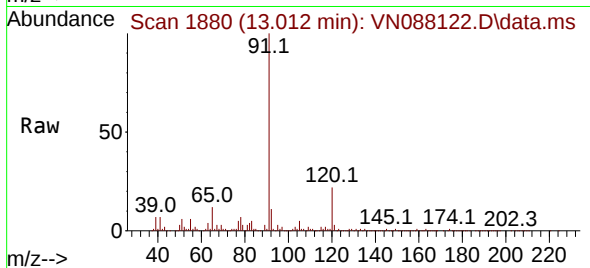




#82
4-Chlorotoluene
Concen: 74.089 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.188 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

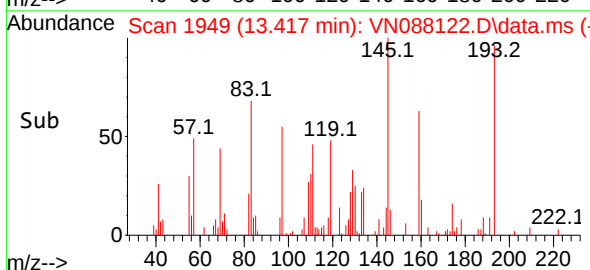
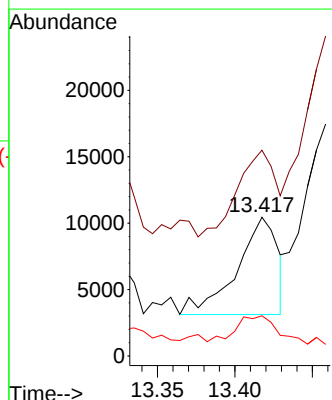
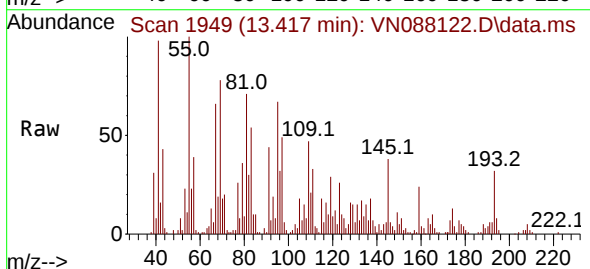
Instrument :
MSVOA_N
ClientSampleId :
MW-06

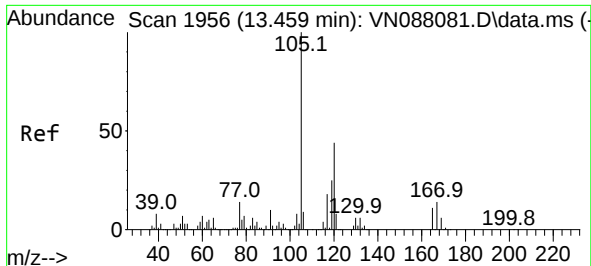
Tgt Ion: 91 Resp: 1472587
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#



#83
tert-Butylbenzene
Concen: 0.686 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 119 Resp: 13439
Ion Ratio Lower Upper
119 100
91 82.4 35.0 105.0
134 30.1 12.6 37.8

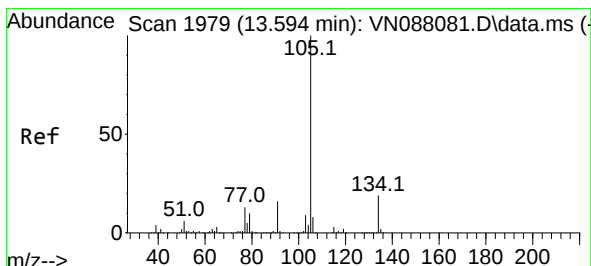
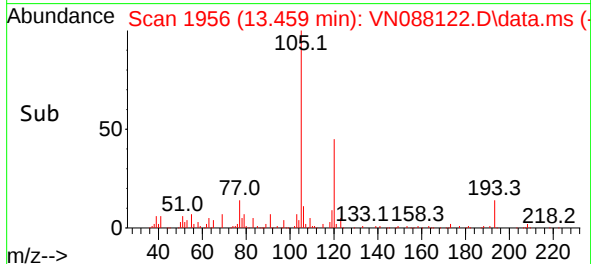
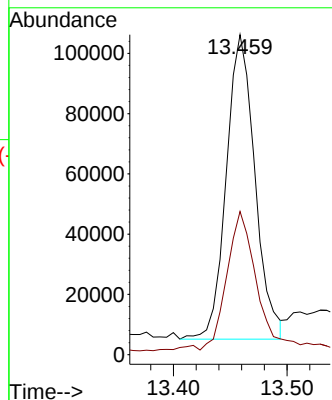
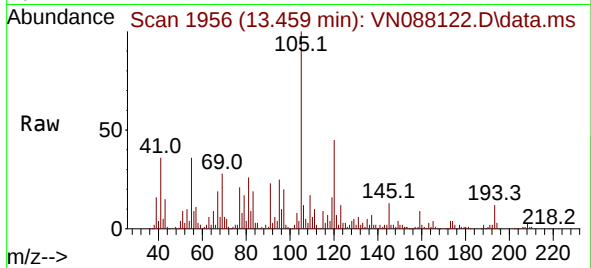




#84
1,2,4-Trimethylbenzene
Concen: 8.085 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

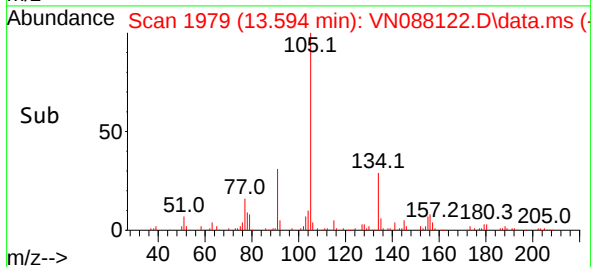
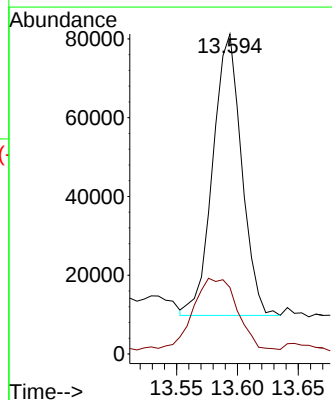
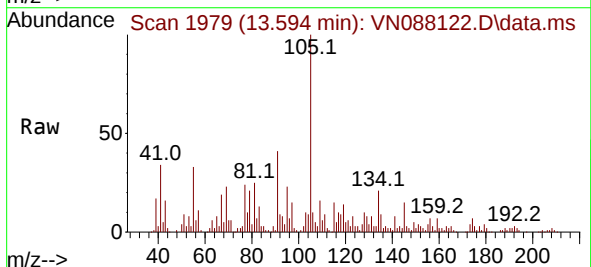
Instrument :
MSVOA_N
ClientSampleId :
MW-06

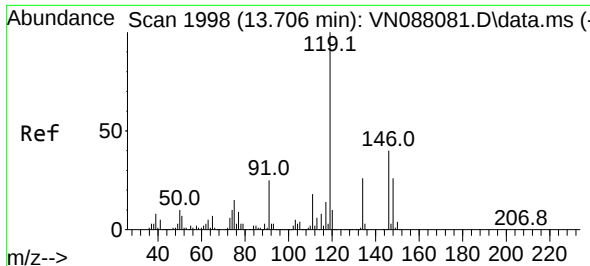
Tgt Ion:105 Resp: 177338
Ion Ratio Lower Upper
105 100
120 50.7 22.0 66.0



#85
sec-Butylbenzene
Concen: 4.088 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion:105 Resp: 117636
Ion Ratio Lower Upper
105 100
134 39.3 9.6 28.6#

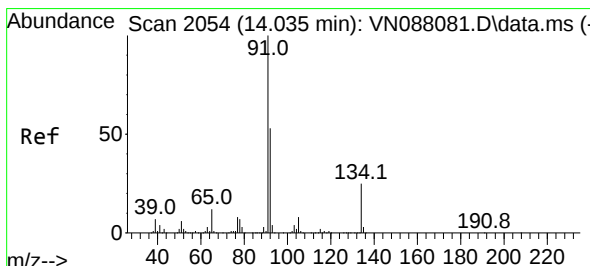
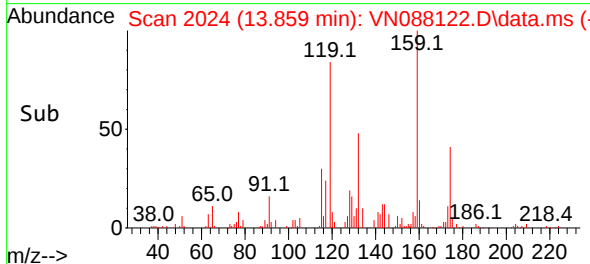
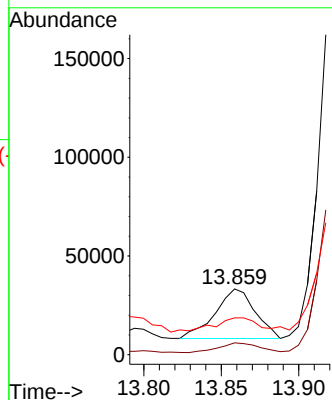
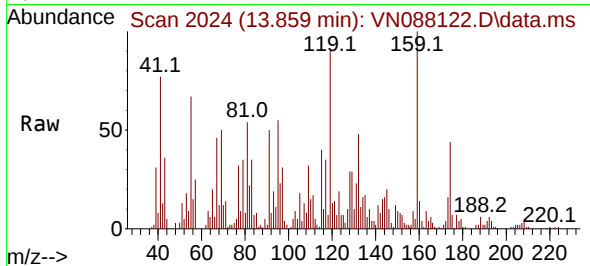




#86
p-Isopropyltoluene
Concen: 1.945 ug/l
RT: 13.859 min Scan# 2043
Delta R.T. 0.153 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

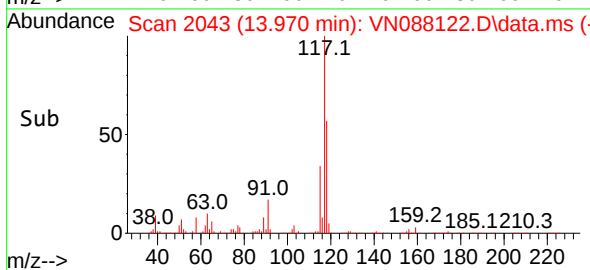
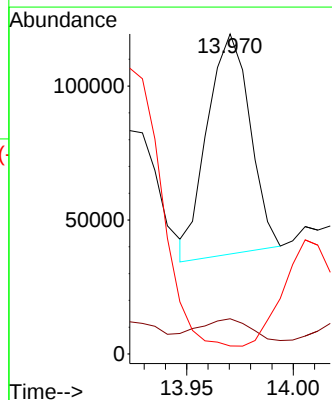
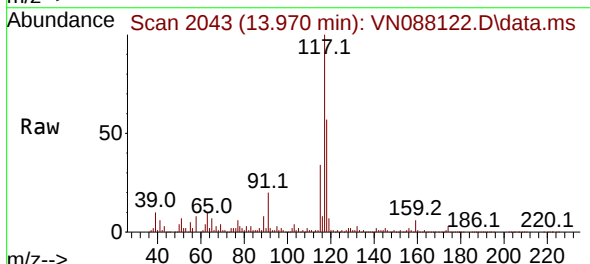
Instrument :
MSVOA_N
ClientSampleId :
MW-06

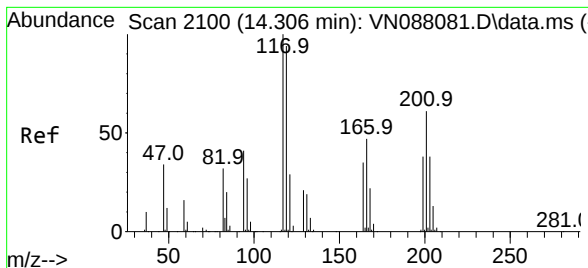
Tgt Ion:119 Resp: 44889
Ion Ratio Lower Upper
119 100
134 19.4 12.7 38.0
91 25.5 12.5 37.5



#89
n-Butylbenzene
Concen: 5.045 ug/l
RT: 13.970 min Scan# 2043
Delta R.T. -0.059 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 91 Resp: 115342
Ion Ratio Lower Upper
91 100
92 18.3 25.9 77.8#
134 0.0 11.7 35.0#

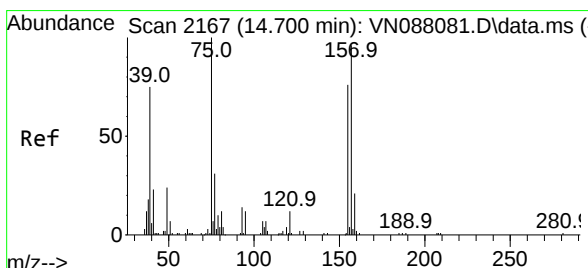
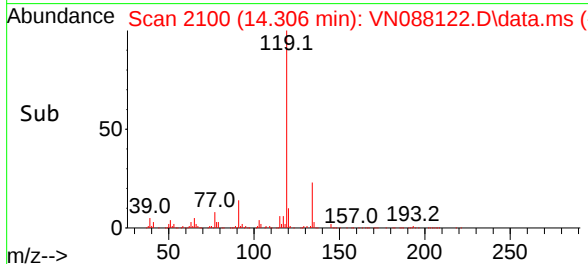
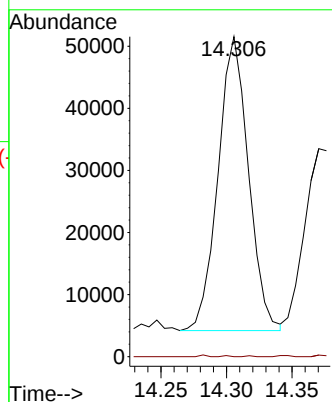
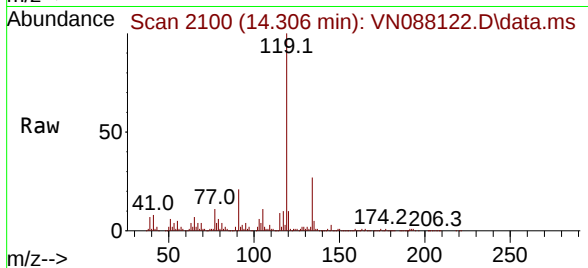




#90
Hexachloroethane
Concen: 17.091 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

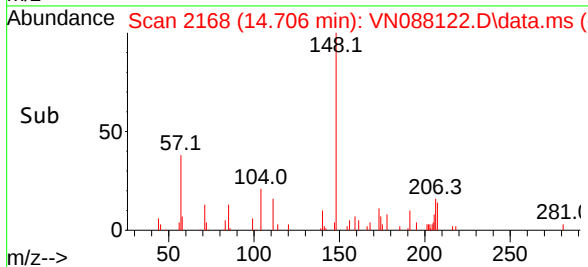
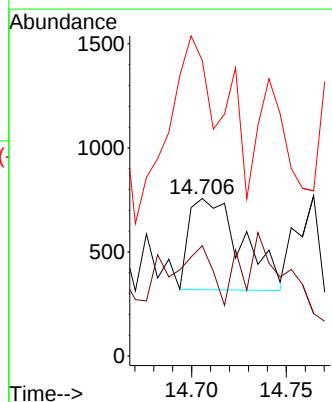
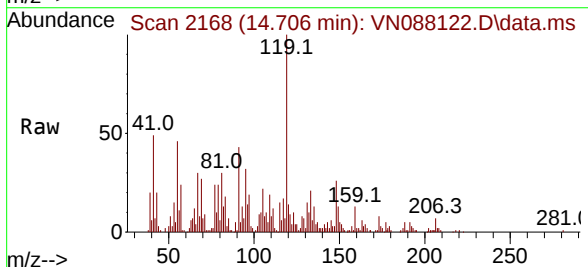
Instrument :
MSVOA_N
ClientSampleId :
MW-06

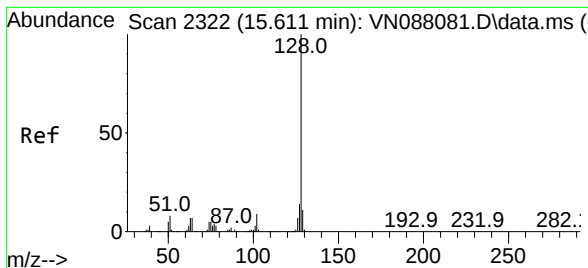
Tgt Ion:117 Resp: 76394
Ion Ratio Lower Upper
117 100
201 0.1 29.1 87.4#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.448 ug/l
RT: 14.706 min Scan# 2168
Delta R.T. 0.006 min
Lab File: VN088122.D
Acq: 27 Oct 2025 18:00

Tgt Ion: 75 Resp: 857
Ion Ratio Lower Upper
75 100
155 50.9 36.6 109.9
157 214.9 45.6 136.9#





#95

Naphthalene

Concen: 47.692 ug/l

RT: 15.611 min Scan# 2322

Delta R.T. -0.000 min

Lab File: VN088122.D

Acq: 27 Oct 2025 18:00

Instrument :

MSVOA_N

ClientSampleId :

MW-06

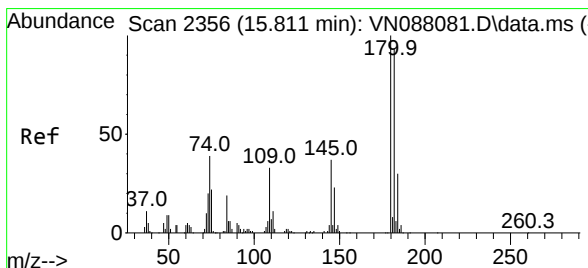
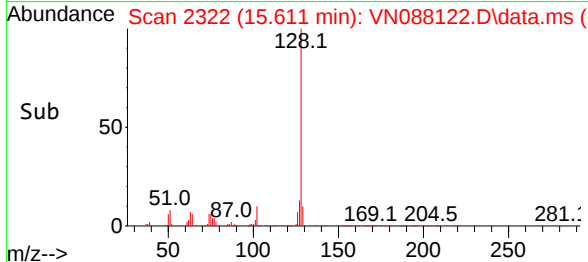
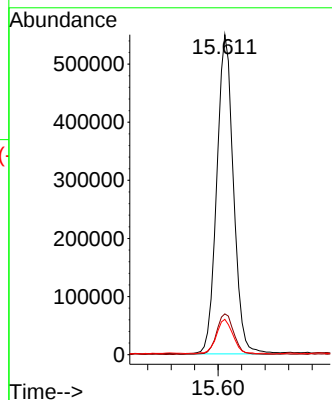
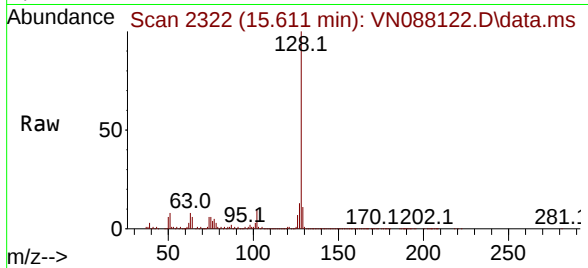
Tgt Ion:128 Resp: 1083849

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 0.255 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.023 min

Lab File: VN088122.D

Acq: 27 Oct 2025 18:00

Tgt Ion:180 Resp: 1625

Ion Ratio Lower Upper

180 100

182 7.6 46.8 140.3#

145 0.0 17.3 52.0#

