

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102925\
 Data File : VN088170.D
 Acq On : 29 Oct 2025 18:33
 Operator : JC\MD
 Sample : Q3468-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13

Quant Time: Oct 30 04:12:18 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)

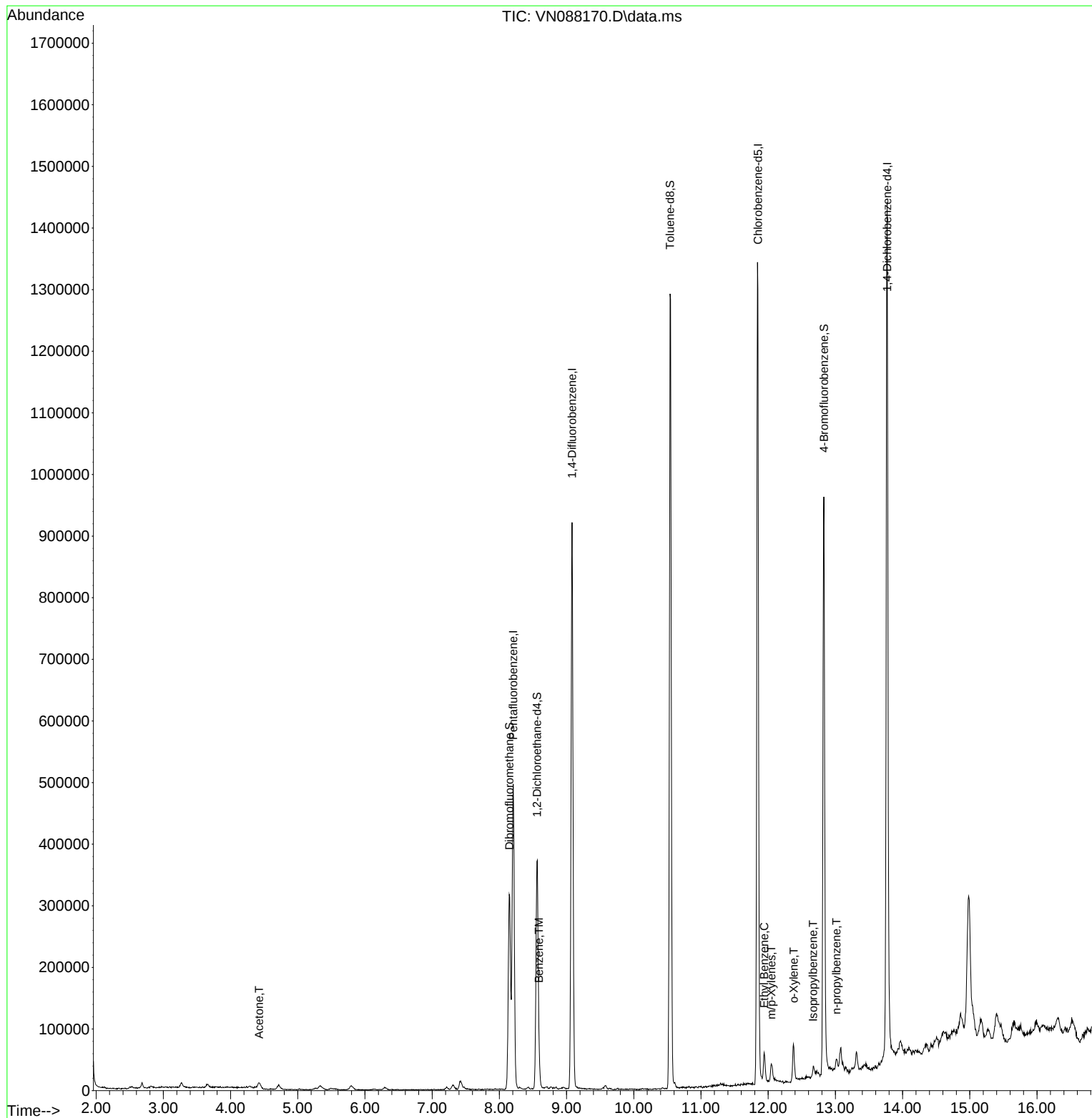
Internal Standards						
1) Pentafluorobenzene	8.206	168	328066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	750626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	708184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	354853	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	309208	54.506	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.020%		
35) Dibromofluoromethane	8.147	113	226133	44.843	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 89.680%		
50) Toluene-d8	10.541	98	873627	44.962	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 89.920%		
62) 4-Bromofluorobenzene	12.829	95	354779	51.701	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.400%		
Target Compounds						
						Qvalue
16) Acetone	4.424	43	19110	6.705	ug/l	96
40) Benzene	8.588	78	26266	1.171	ug/l	93
67) Ethyl Benzene	11.941	91	36576	1.296	ug/l #	89
68) m/p-Xylenes	12.047	106	10093	0.954	ug/l	95
69) o-Xylene	12.382	106	17298	1.725	ug/l	97
73) Isopropylbenzene	12.670	105	10113	0.370	ug/l	85
78) n-propylbenzene	13.018	91	15960	0.478	ug/l	91

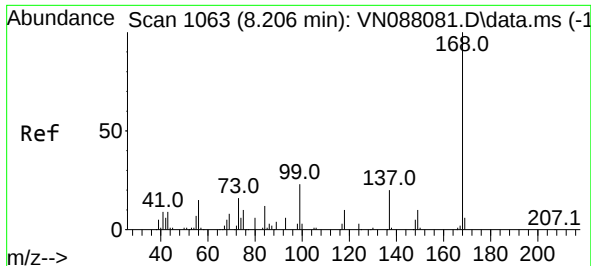
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
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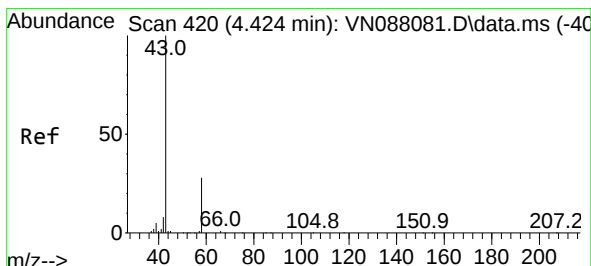
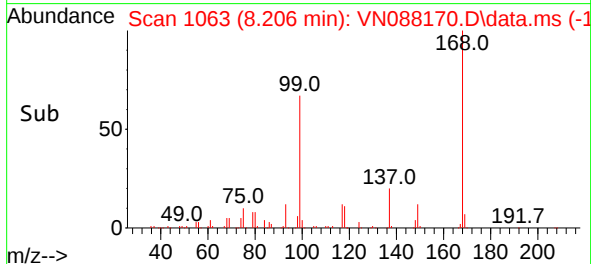
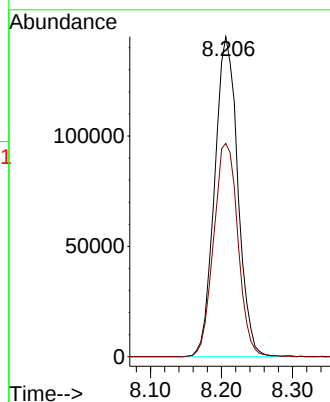
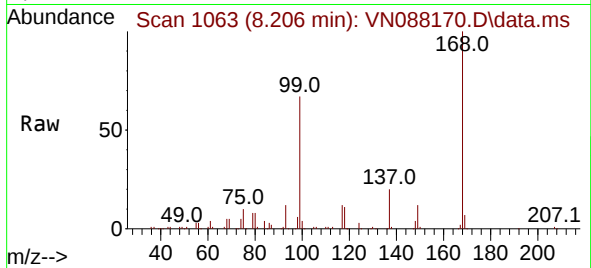




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088170.D
Acq: 29 Oct 2025 18:33

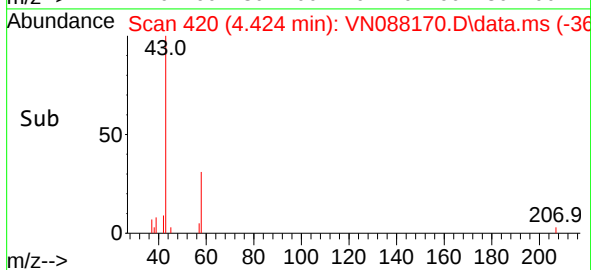
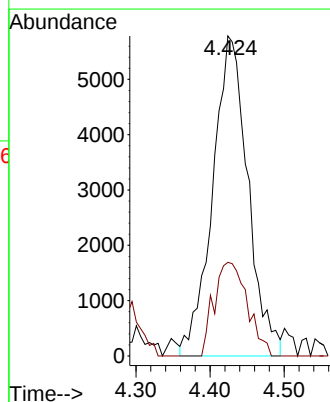
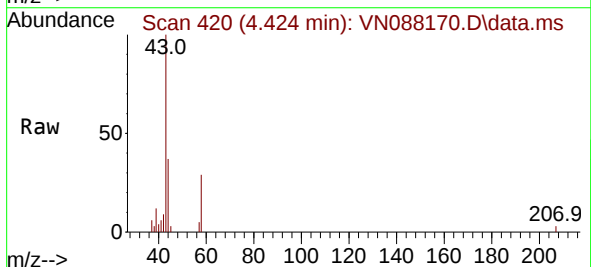
Instrument :
MSVOA_N
ClientSampleId :
MW-13

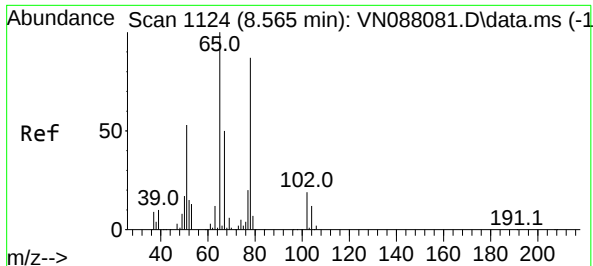
Tgt Ion:168 Resp: 328066
Ion Ratio Lower Upper
168 100
99 66.7 57.2 85.8



#16
Acetone
Concen: 6.705 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088170.D
Acq: 29 Oct 2025 18:33

Tgt Ion: 43 Resp: 19110
Ion Ratio Lower Upper
43 100
58 30.1 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 54.506 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088170.D

Acq: 29 Oct 2025 18:33

Instrument :

MSVOA_N

ClientSampleId :

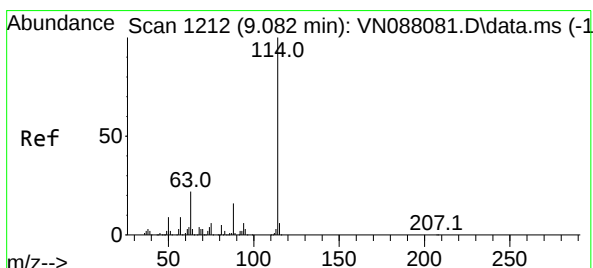
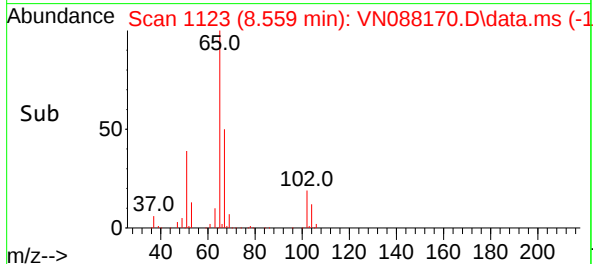
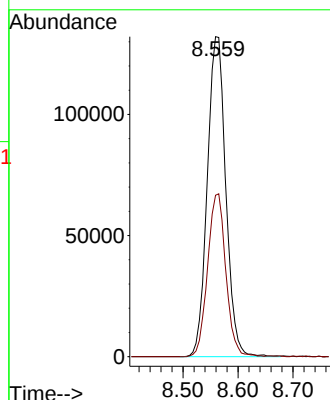
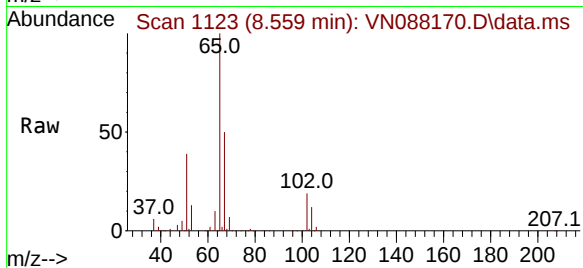
MW-13

Tgt Ion: 65 Resp: 309208

Ion Ratio Lower Upper

65 100

67 50.1 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: VN088170.D

Acq: 29 Oct 2025 18:33

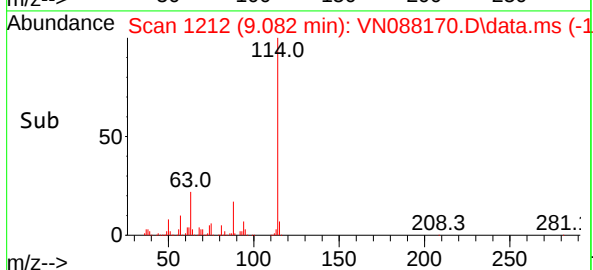
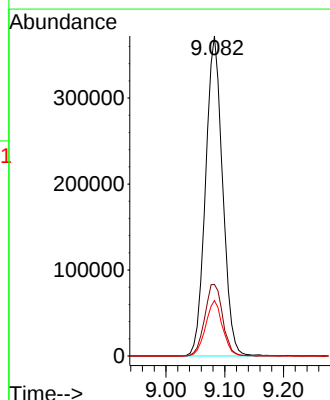
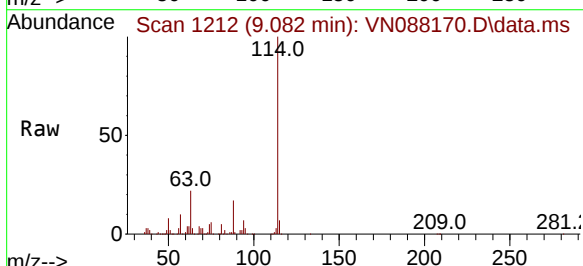
Tgt Ion: 114 Resp: 750626

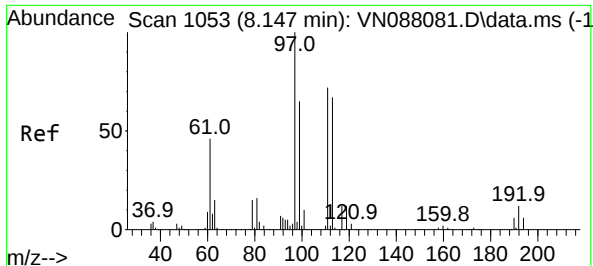
Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.2

88 17.3 0.0 33.4

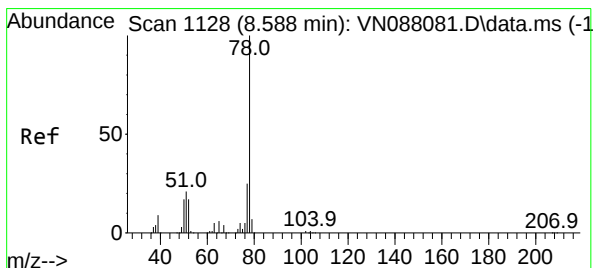
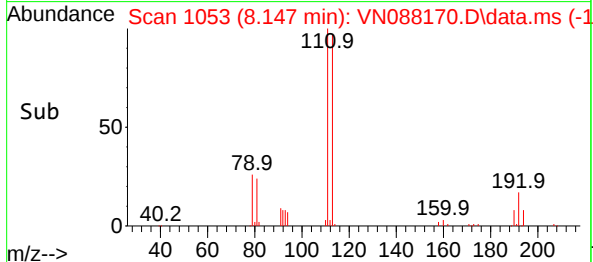
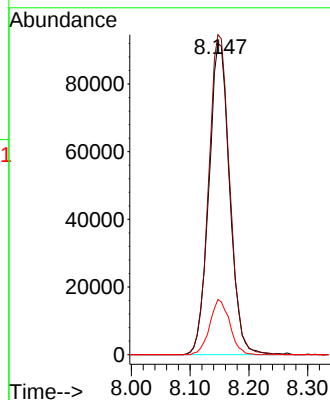
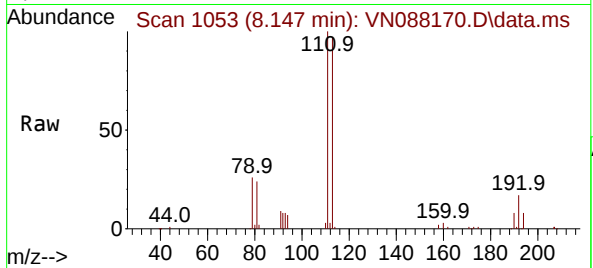




#35
 Dibromofluoromethane
 Concen: 44.843 ug/l
 RT: 8.147 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VN088170.D
 Acq: 29 Oct 2025 18:33

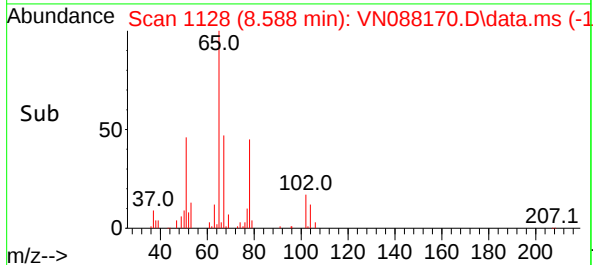
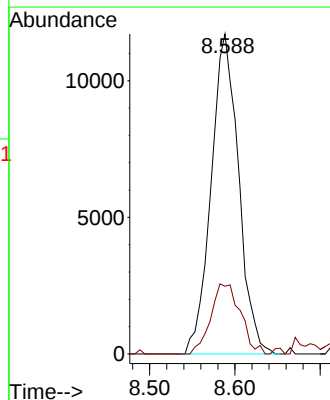
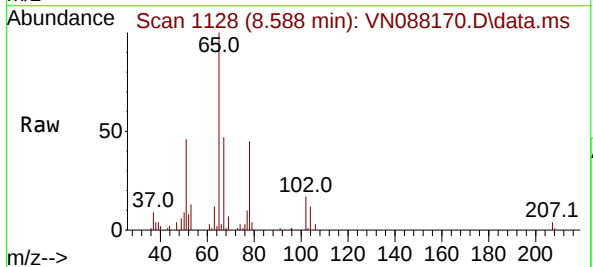
Instrument :
 MSVOA_N
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 MW-13

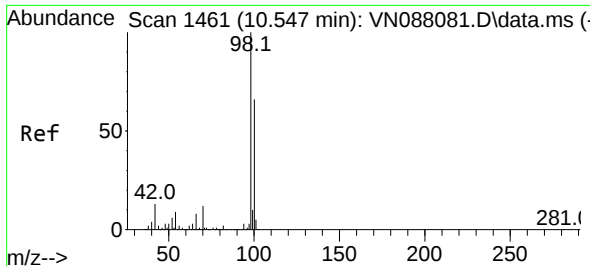
Tgt Ion:113 Resp: 226133
 Ion Ratio Lower Upper
 113 100
 111 104.0 82.8 124.2
 192 17.0 12.8 19.2



#40
 Benzene
 Concen: 1.171 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VN088170.D
 Acq: 29 Oct 2025 18:33

Tgt Ion: 78 Resp: 26266
 Ion Ratio Lower Upper
 78 100
 77 21.2 19.7 29.5

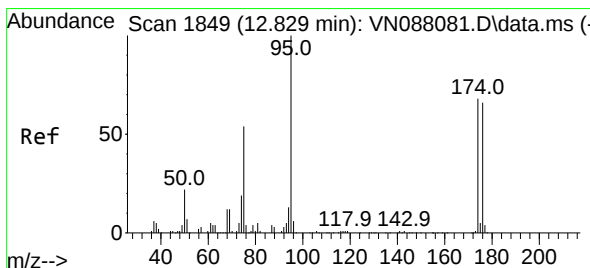
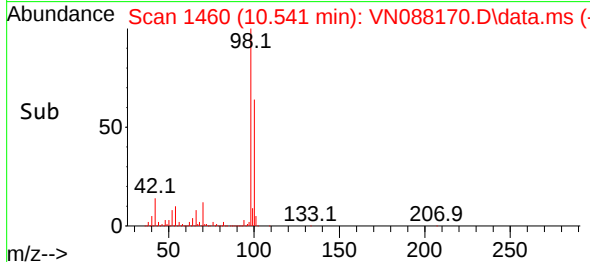
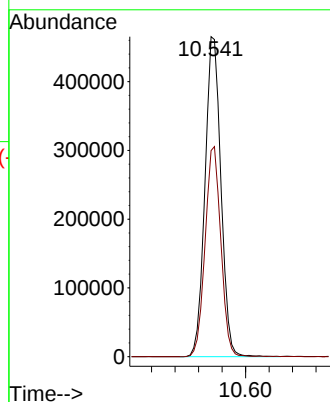
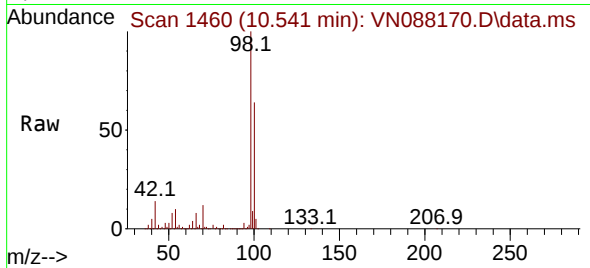




#50
Toluene-d8
Concen: 44.962 ug/l
RT: 10.541 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VN088170.D
Acq: 29 Oct 2025 18:33

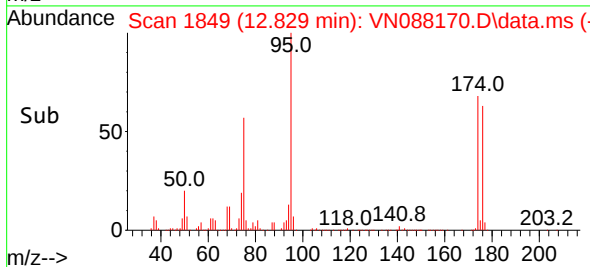
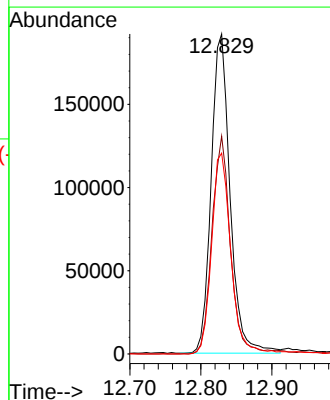
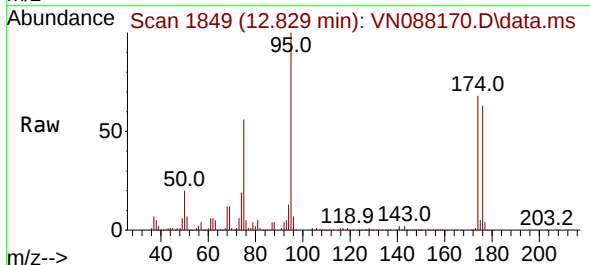
Instrument :
MSVOA_N
ClientSampleId :
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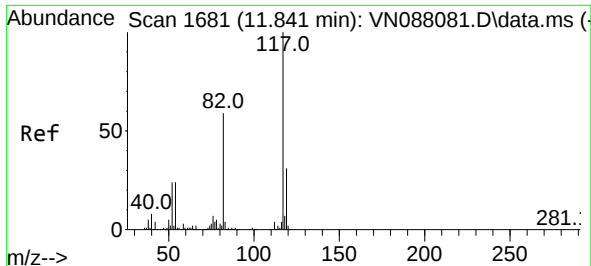
Tgt Ion: 98 Resp: 873627
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.701 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088170.D
Acq: 29 Oct 2025 18:33

Tgt Ion: 95 Resp: 354779
Ion Ratio Lower Upper
95 100
174 67.3 0.0 138.4
176 65.1 0.0 132.6

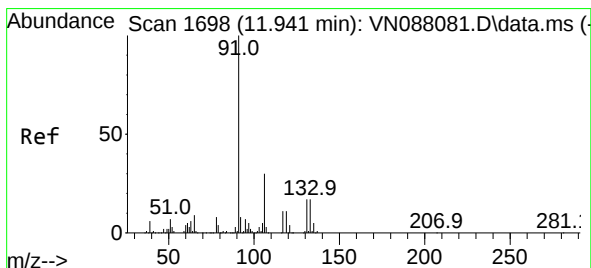
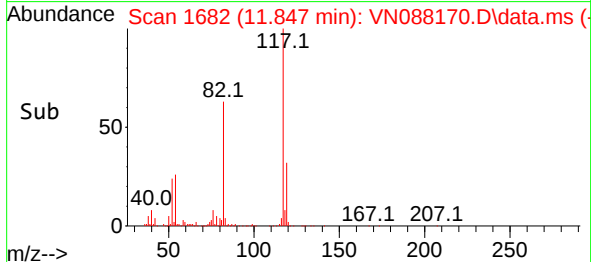
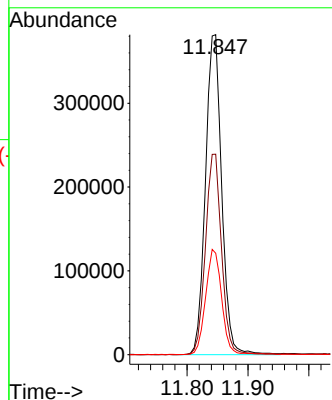
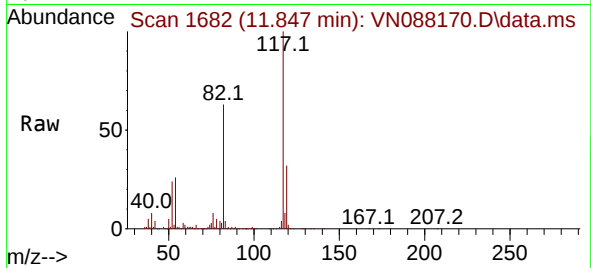




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1681
Delta R.T. 0.006 min
Lab File: VN088170.D
Acq: 29 Oct 2025 18:33

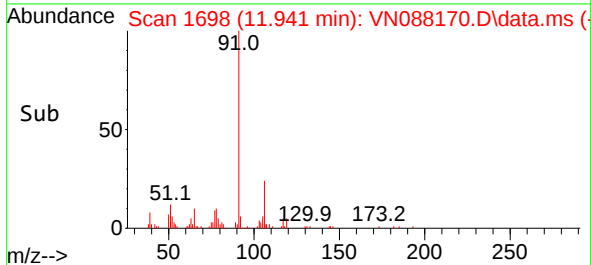
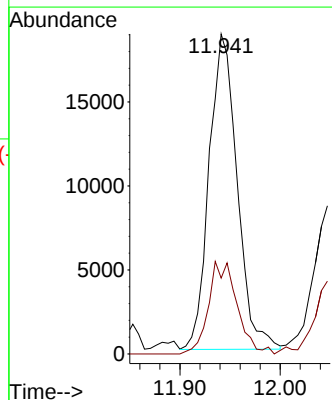
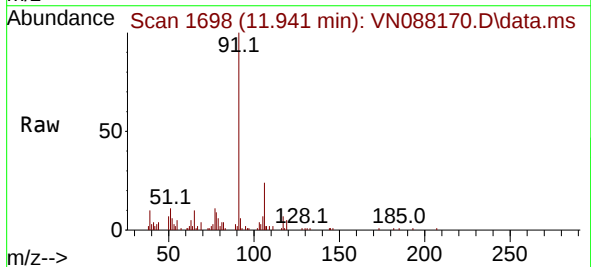
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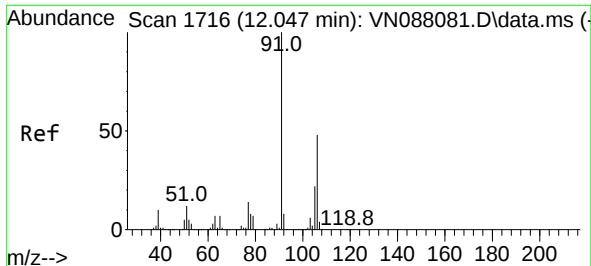
Tgt Ion:117 Resp: 708184
Ion Ratio Lower Upper
117 100
82 62.6 47.4 71.2
119 31.6 24.3 36.5



#67
Ethyl Benzene
Concen: 1.296 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088170.D
Acq: 29 Oct 2025 18:33

Tgt Ion: 91 Resp: 36576
Ion Ratio Lower Upper
91 100
106 24.1 24.1 36.1#

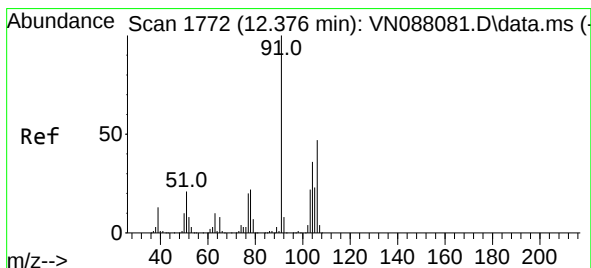
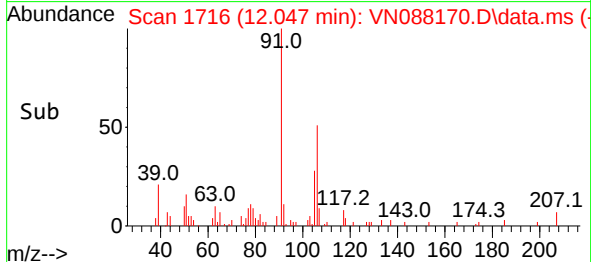
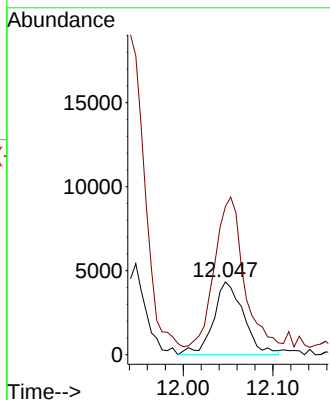
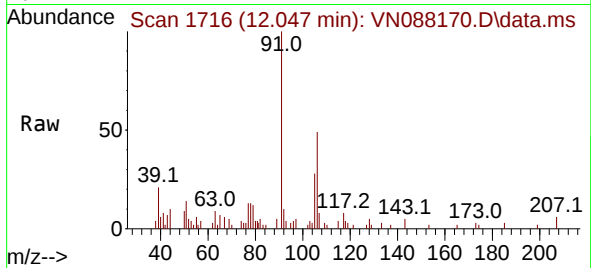




#68
m/p-Xylenes
Concen: 0.954 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088170.D
Acq: 29 Oct 2025 18:33

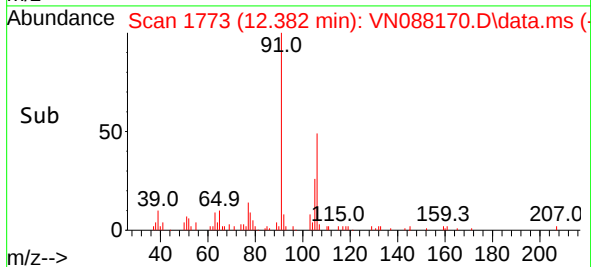
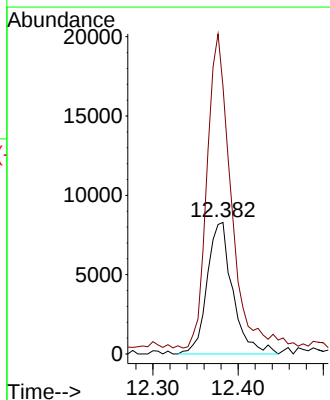
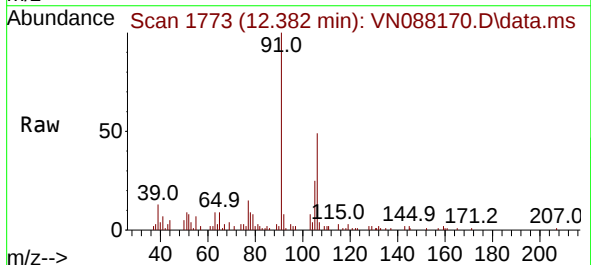
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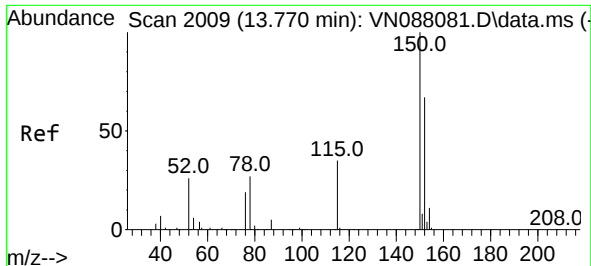
Tgt Ion:106 Resp: 10093
Ion Ratio Lower Upper
106 100
91 203.2 169.3 253.9



#69
o-Xylene
Concen: 1.725 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN088170.D
Acq: 29 Oct 2025 18:33

Tgt Ion:106 Resp: 17298
Ion Ratio Lower Upper
106 100
91 218.6 111.4 334.2

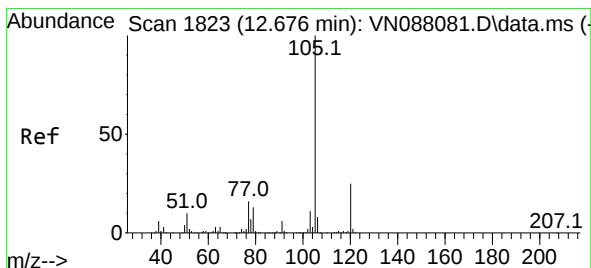
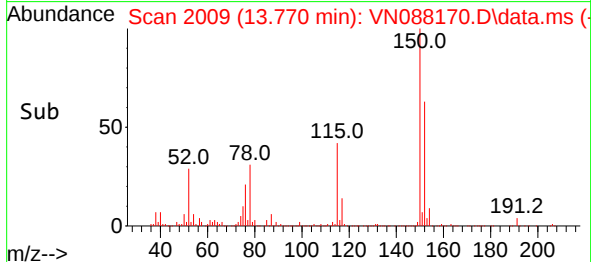
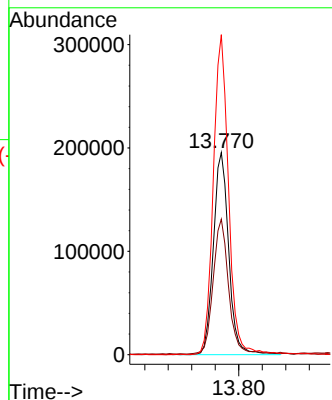
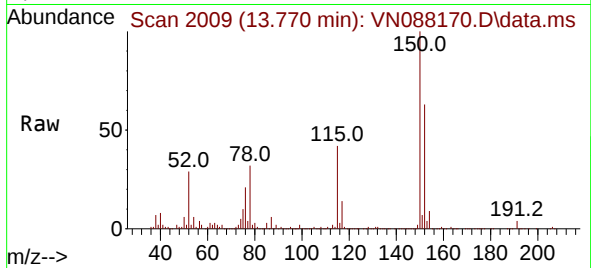




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088170.D
Acq: 29 Oct 2025 18:33

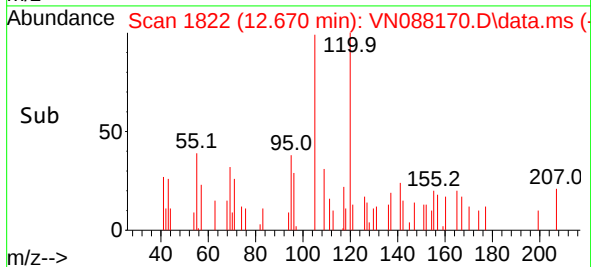
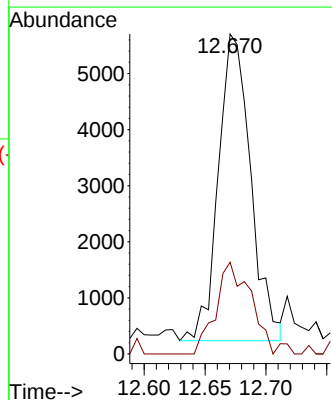
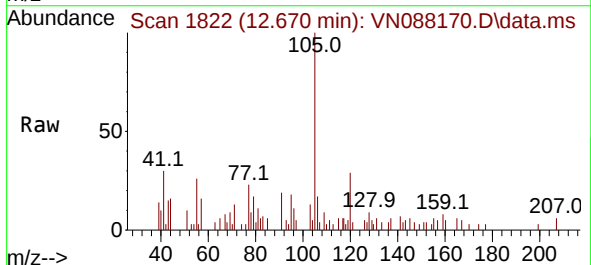
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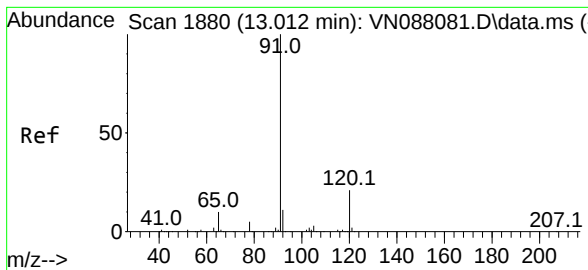
Tgt Ion:152 Resp: 354853
Ion Ratio Lower Upper
152 100
115 67.5 32.3 96.8
150 157.0 0.0 351.0



#73
Isopropylbenzene
Concen: 0.370 ug/l
RT: 12.670 min Scan# 1822
Delta R.T. -0.000 min
Lab File: VN088170.D
Acq: 29 Oct 2025 18:33

Tgt Ion:105 Resp: 10113
Ion Ratio Lower Upper
105 100
120 33.2 12.8 38.3





#78
 n-propylbenzene
 Concen: 0.478 ug/l
 RT: 13.018 min Scan# 1881
 Delta R.T. 0.006 min
 Lab File: VN088170.D
 Acq: 29 Oct 2025 18:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13

Tgt Ion: 91 Resp: 15960
 Ion Ratio Lower Upper
 91 100
 120 25.7 10.7 32.1

