

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020525\
 Data File : VN085677.D
 Acq On : 05 Feb 2025 15:11
 Operator : JC\MD
 Sample : Q1280-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11984

Quant Time: Feb 06 00:41:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

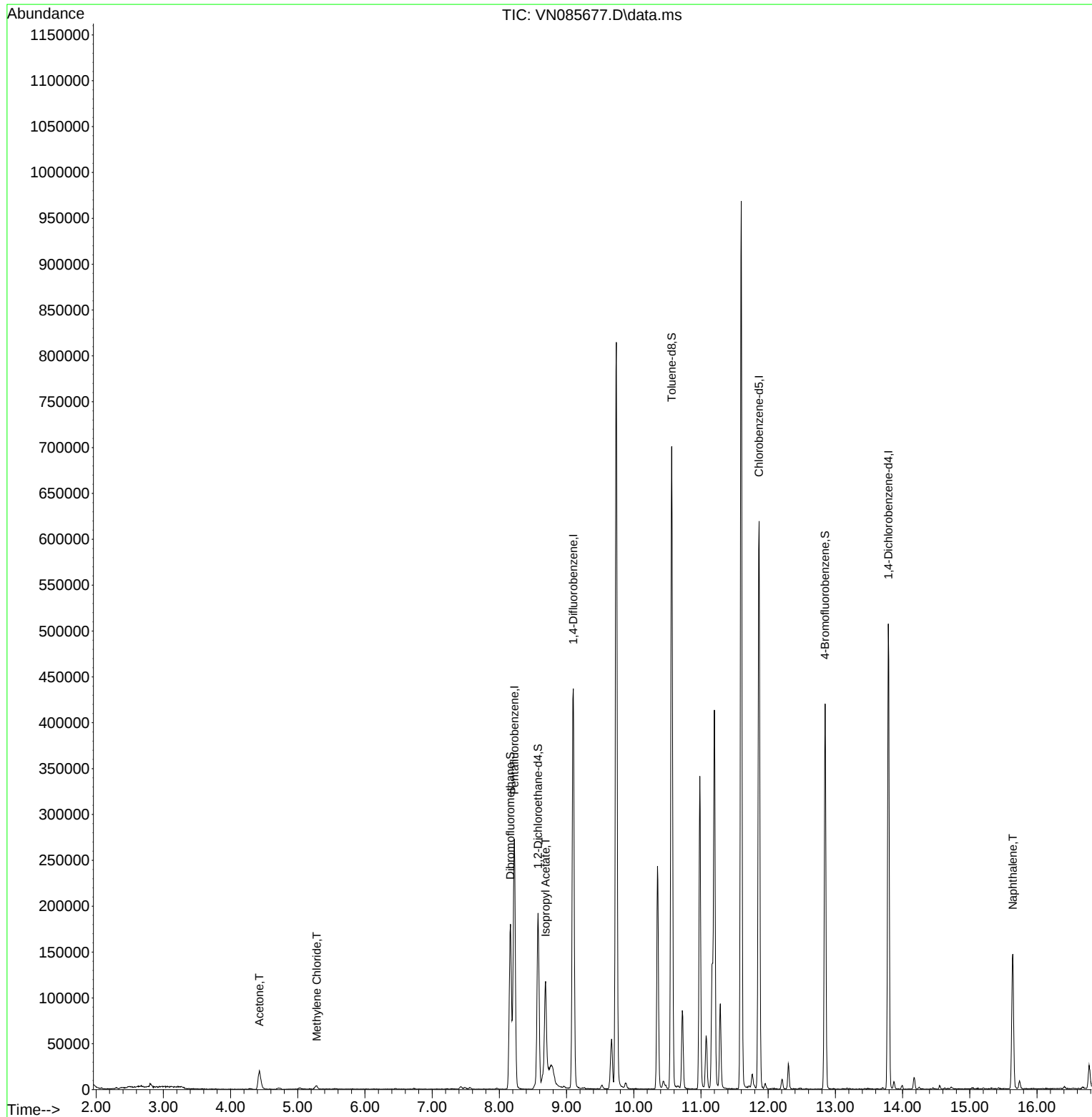
Internal Standards						
1) Pentafluorobenzene	8.224	168	192086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	382857	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	152660	49.235	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.460%
35) Dibromofluoromethane	8.165	113	128581	48.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	10.565	98	491931	52.128	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.847	95	139401	43.183	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.360%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	36977	36.909	ug/l	94
20) Methylene Chloride	5.283	84	2857	1.152	ug/l #	80
43) Isopropyl Acetate	8.688	43	141391	23.452	ug/l #	86
95) Naphthalene	15.641	128	140654	23.313	ug/l	99

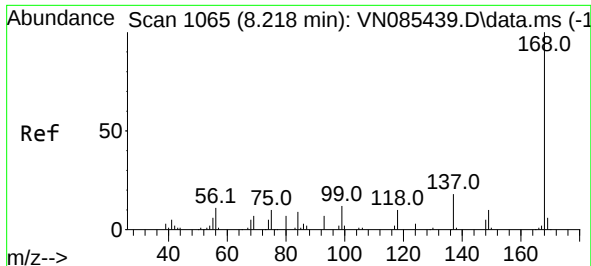
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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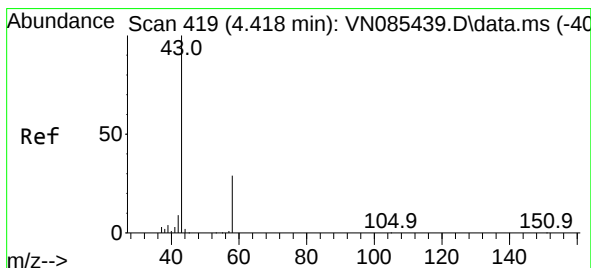
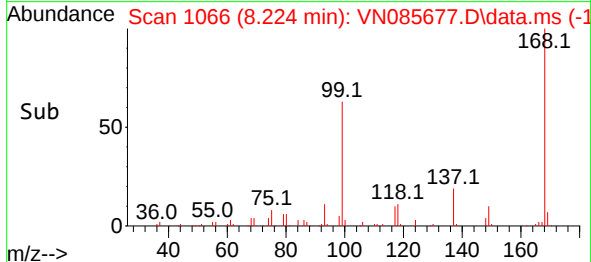
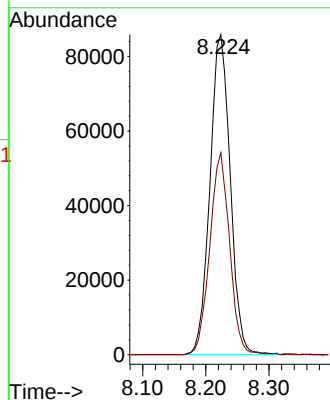
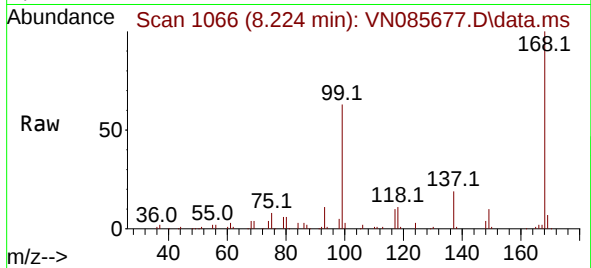




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

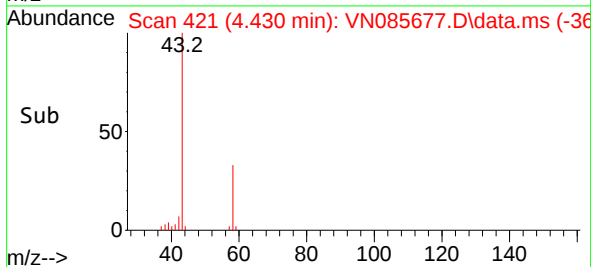
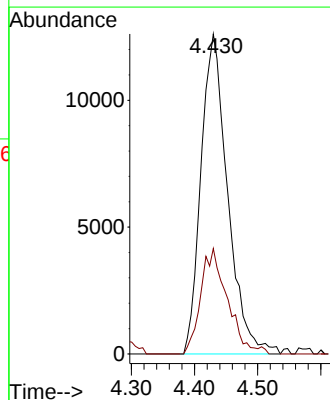
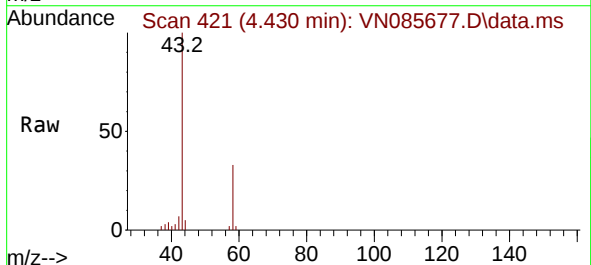
Instrument :
MSVOA_N
ClientSampleId :
72-11984

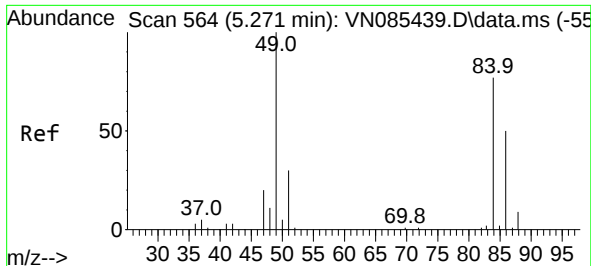
Tgt Ion:168 Resp: 192086
Ion Ratio Lower Upper
168 100
99 63.1 53.6 80.4



#16
Acetone
Concen: 36.909 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

Tgt Ion: 43 Resp: 36977
Ion Ratio Lower Upper
43 100
58 33.0 23.8 35.6



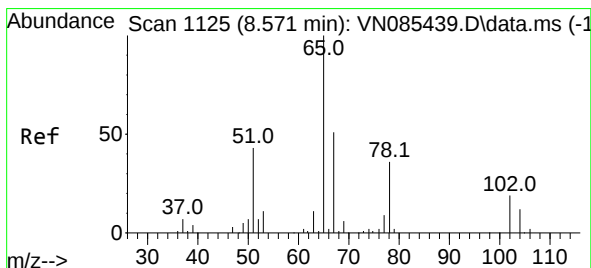
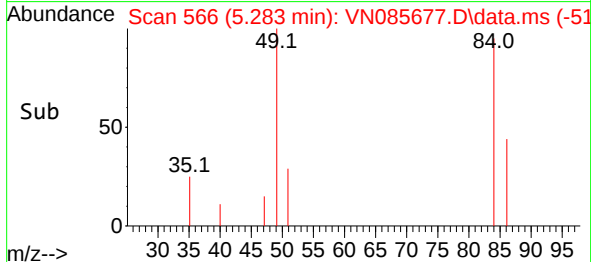
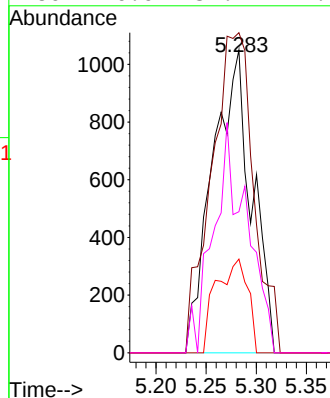
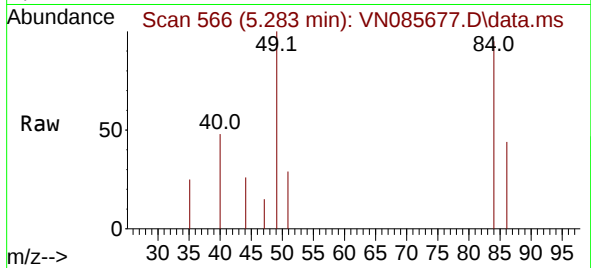


#20
Methylene Chloride
Concen: 1.152 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

Instrument :
MSVOA_N
ClientSampleId :
72-11984

Tgt Ion: 84 Resp: 2857

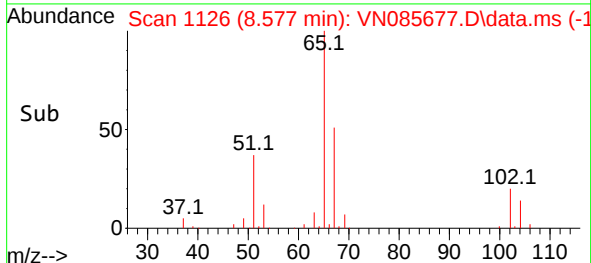
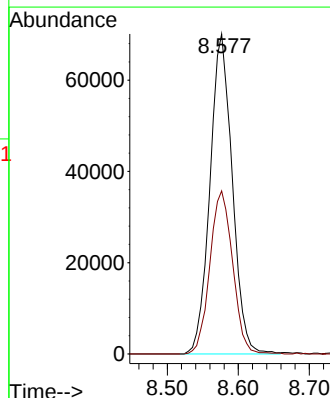
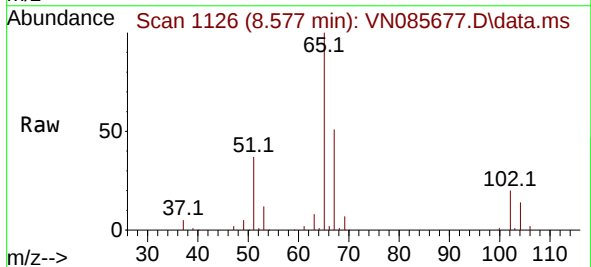
Ion	Ratio	Lower	Upper
84	100		
49	105.7	104.1	156.1
51	31.0	31.0	46.4#
86	46.6	51.9	77.9#

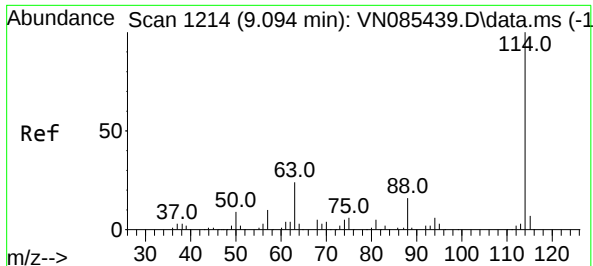


#33
1,2-Dichloroethane-d4
Concen: 49.235 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

Tgt Ion: 65 Resp: 152660

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	101.6

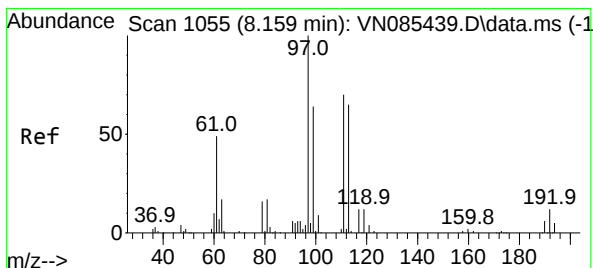
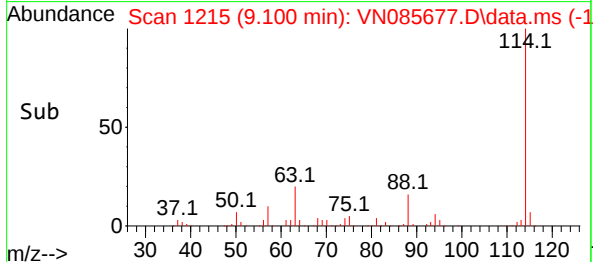
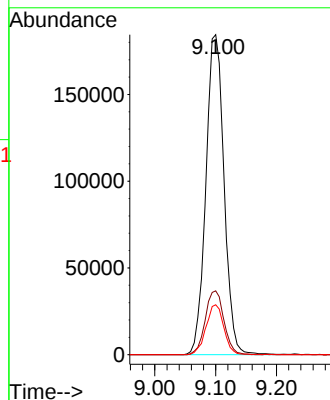
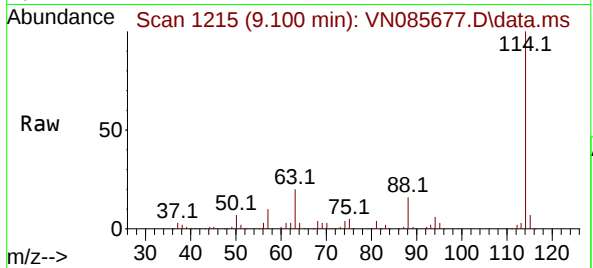




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

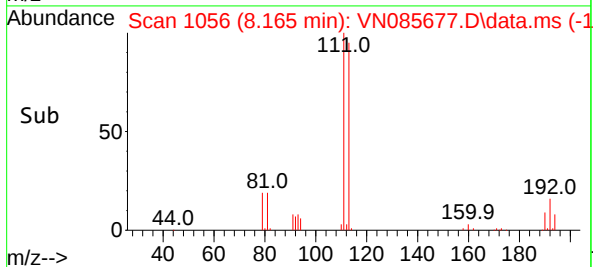
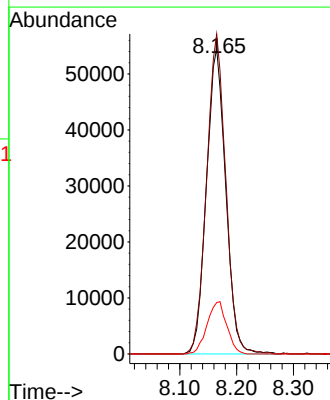
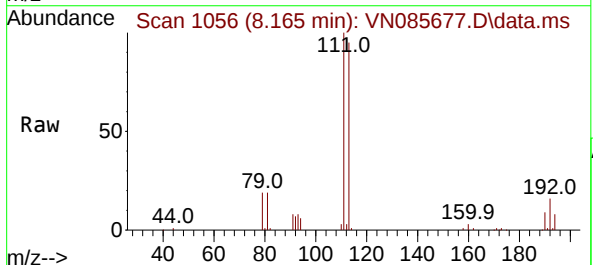
Instrument :
MSVOA_N
ClientSampleId :
72-11984

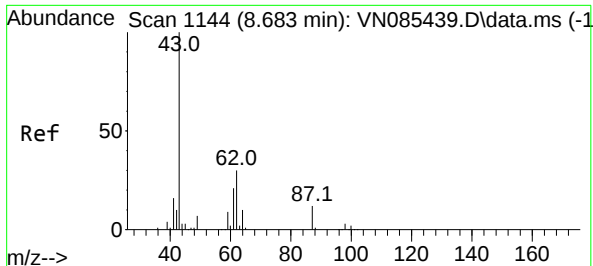
Tgt Ion:114 Resp: 382857
Ion Ratio Lower Upper
114 100
63 20.0 0.0 47.6
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 48.410 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

Tgt Ion:113 Resp: 128581
Ion Ratio Lower Upper
113 100
111 103.8 82.7 124.1
192 17.5 14.3 21.5

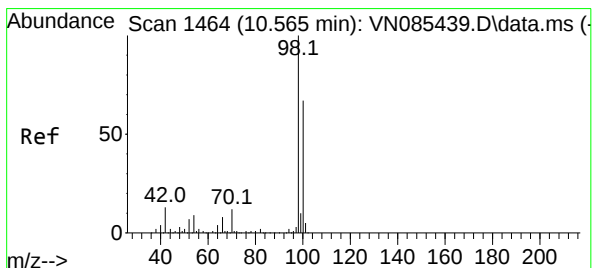
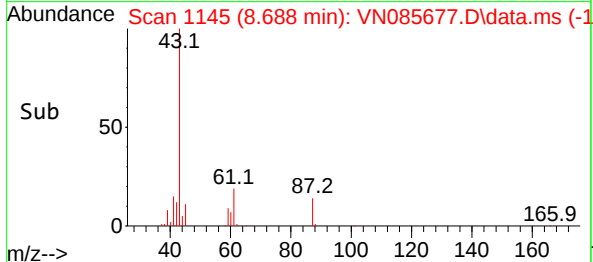
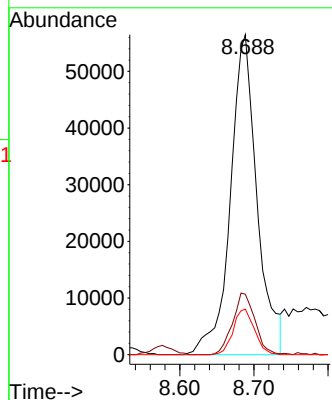
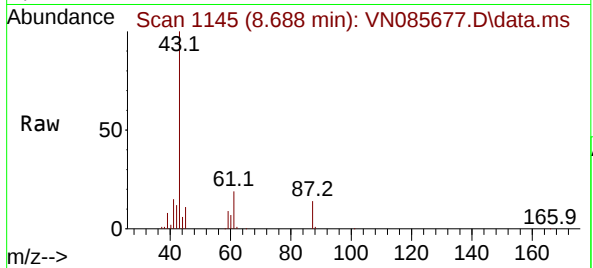




#43
Isopropyl Acetate
Concen: 23.452 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

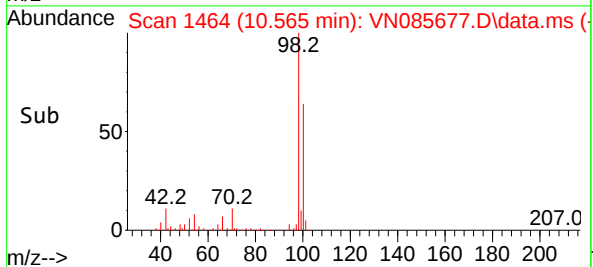
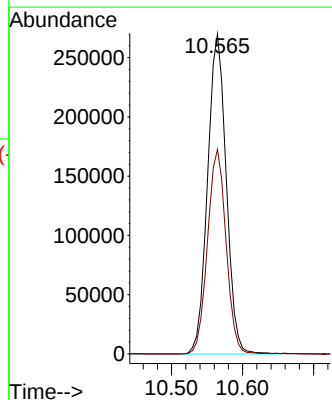
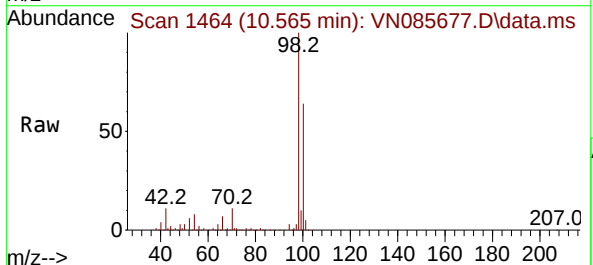
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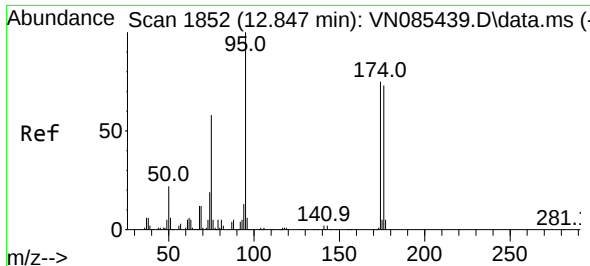
Tgt Ion: 43 Resp: 141391
Ion Ratio Lower Upper
43 100
61 16.2 20.7 31.1#
87 11.4 9.8 14.8



#50
Toluene-d8
Concen: 52.128 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

Tgt Ion: 98 Resp: 491931
Ion Ratio Lower Upper
98 100
100 63.6 52.2 78.4

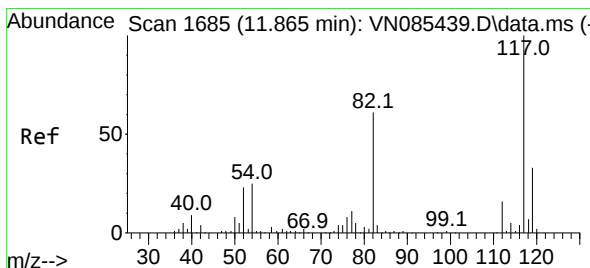
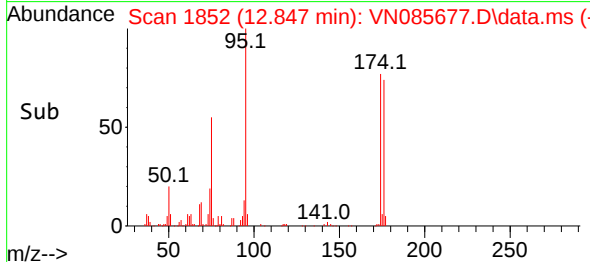
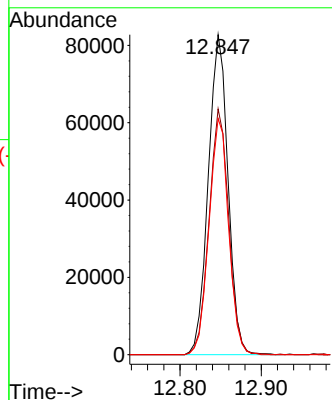
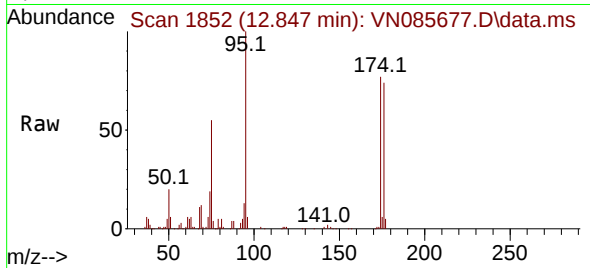




#62
4-Bromofluorobenzene
Concen: 43.183 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

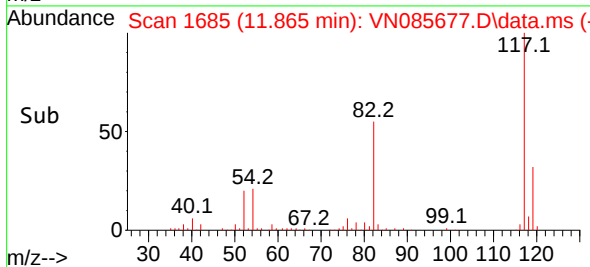
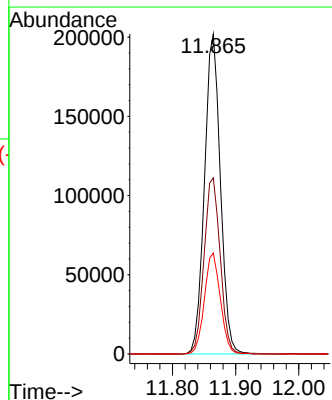
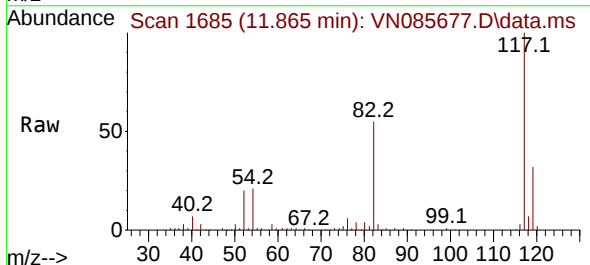
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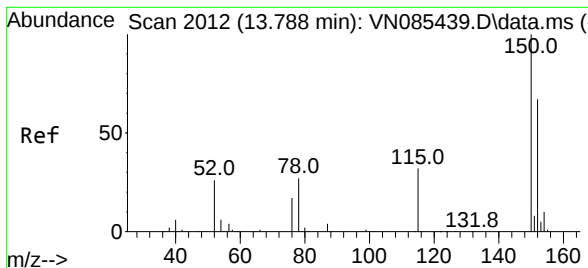
Tgt Ion: 95 Resp: 139401
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.0
176 73.3 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

Tgt Ion: 117 Resp: 353023
Ion Ratio Lower Upper
117 100
82 55.0 48.6 72.8
119 31.6 26.6 39.8

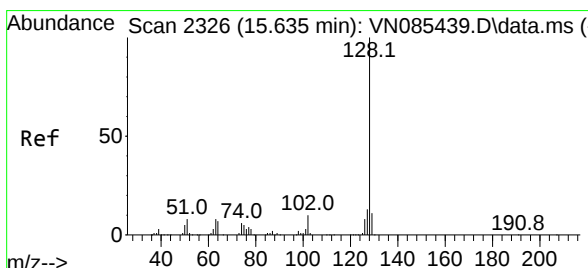
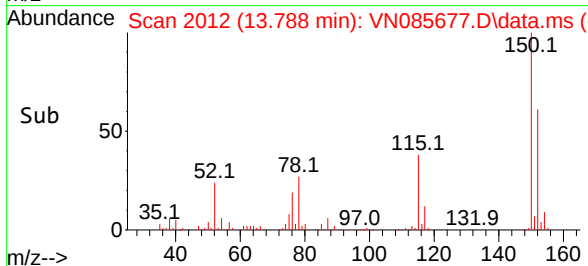
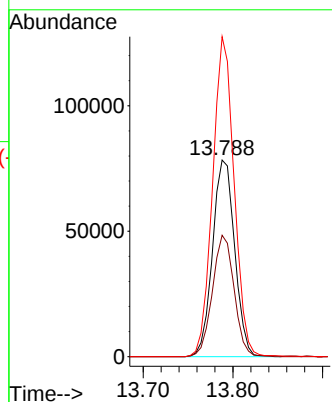
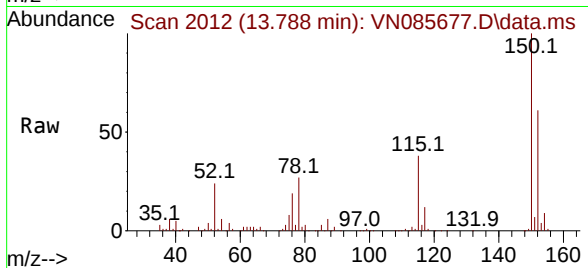




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 134300
Ion Ratio Lower Upper
152 100
115 60.5 31.1 93.3
150 158.0 0.0 343.6



#95
Naphthalene
Concen: 23.313 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN085677.D
Acq: 05 Feb 2025 15:11

Tgt Ion:128 Resp: 140654
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 10.7 8.8 13.2

