

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011525\
 Data File : VN085456.D
 Acq On : 15 Jan 2025 13:01
 Operator : JC\MD
 Sample : PB166029TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166029TB

Quant Time: Jan 16 00:57:04 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)

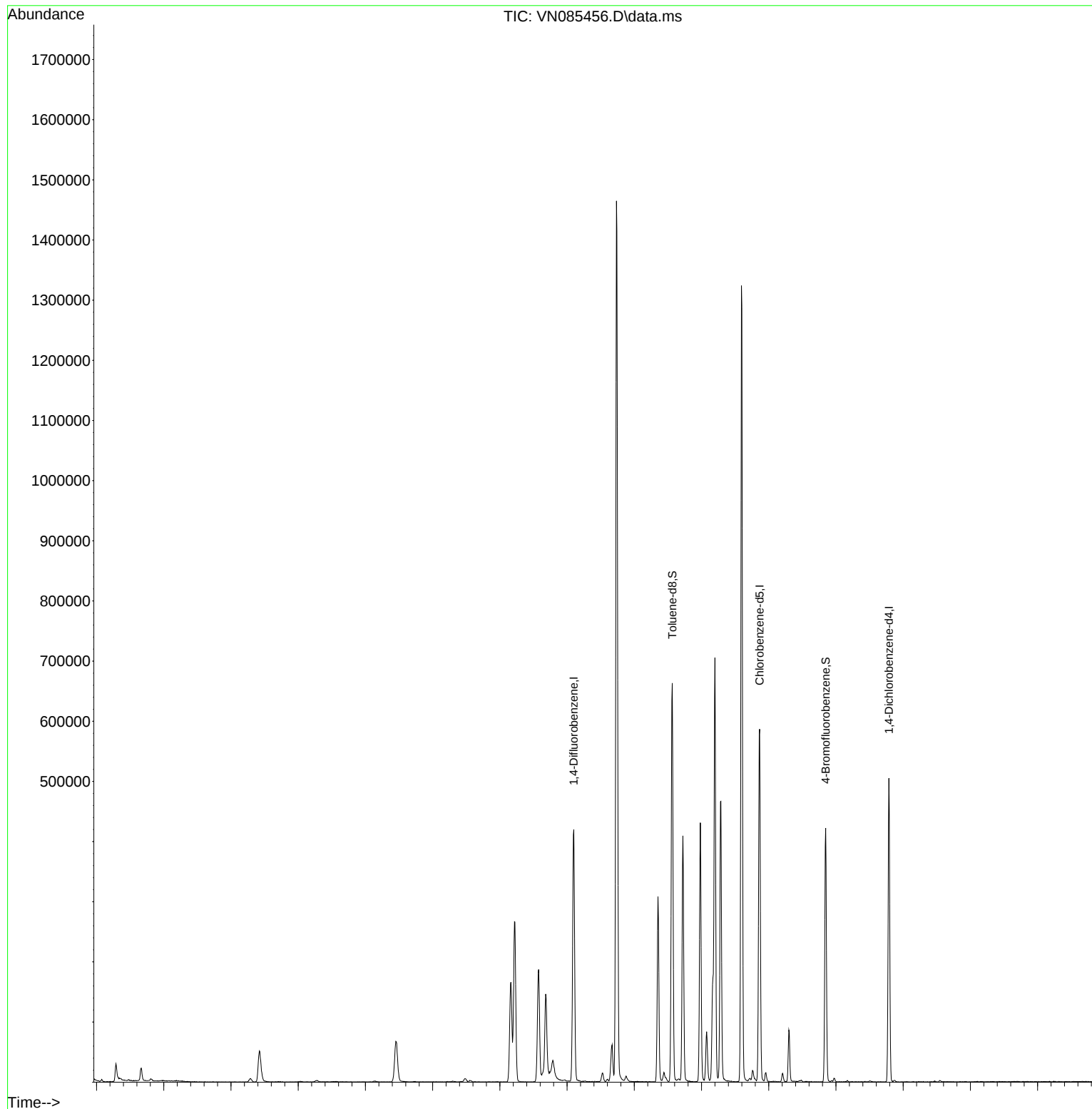
Internal Standards						
1) Pentafluorobenzene	8.223	168	181616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	348273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	321375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	159448	54.388	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.780%			
35) Dibromofluoromethane	8.165	113	120640	49.930	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.860%			
50) Toluene-d8	10.564	98	444413	51.769	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.540%			
62) 4-Bromofluorobenzene	12.847	95	141316	48.123	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.240%			
Target Compounds						
16) Acetone	4.424	43	100674	106.281	ug/l	99
25) 2-Butanone	7.482	43	9452	6.781	ug/l	93
43) Isopropyl Acetate	8.682	43	179066	32.650	ug/l #	85

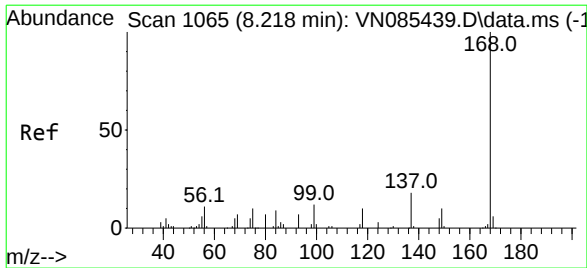
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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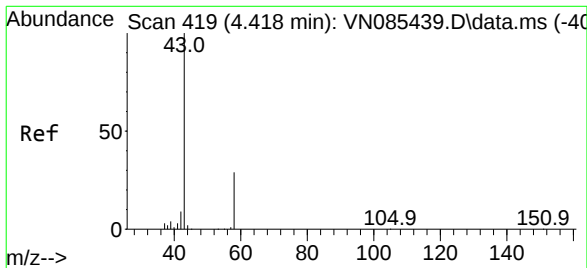
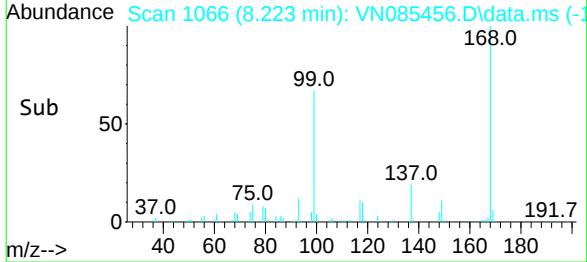
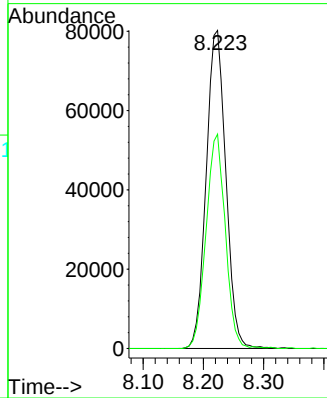
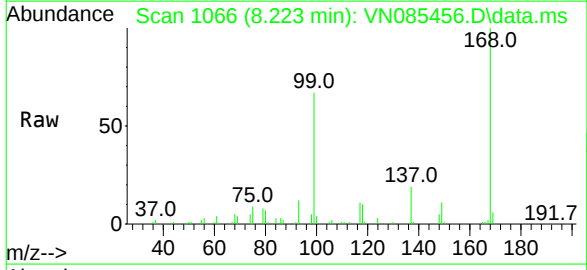




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

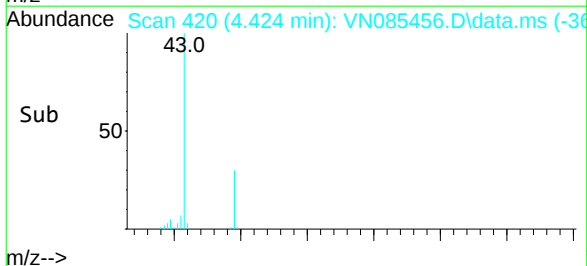
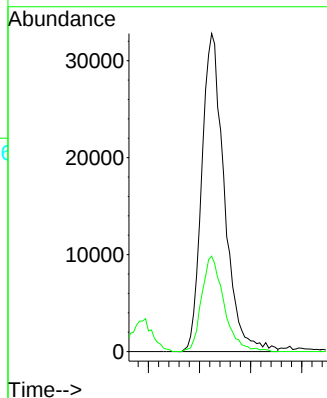
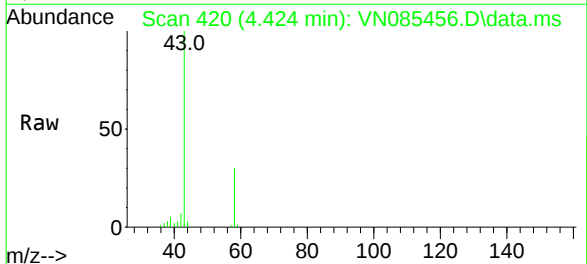
Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

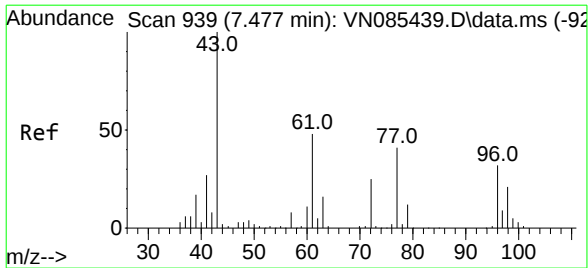
Tgt Ion:168 Resp: 181616
Ion Ratio Lower Upper
168 100
99 67.4 53.6 80.4



#16
Acetone
Concen: 106.281 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 43 Resp: 100674
Ion Ratio Lower Upper
43 100
58 30.0 23.8 35.6

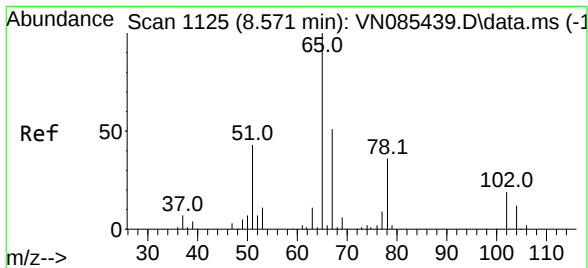
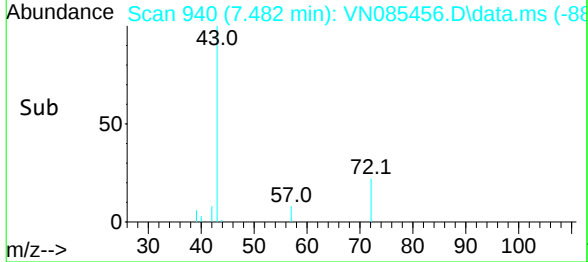
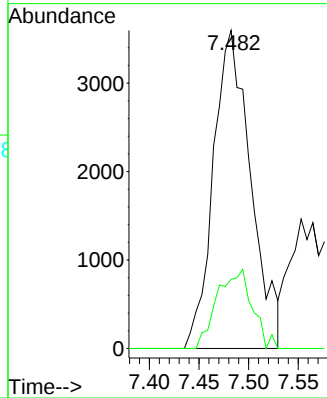
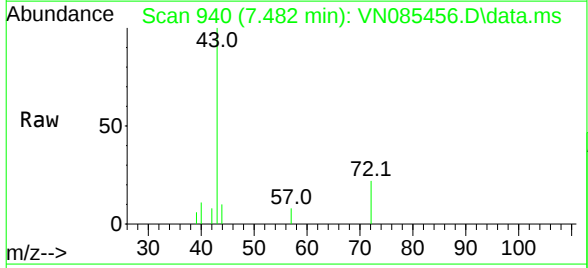




#25
2-Butanone
Concen: 6.781 ug/l
RT: 7.482 min Scan# 94
Delta R.T. 0.006 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

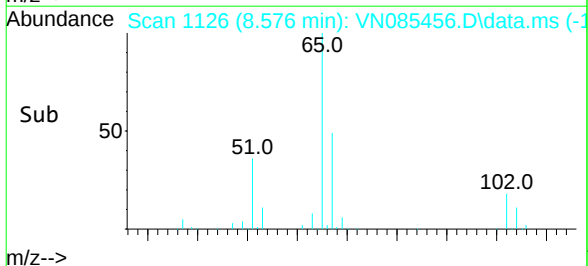
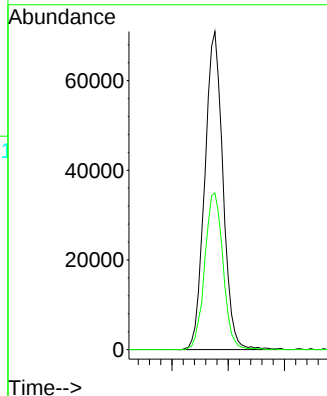
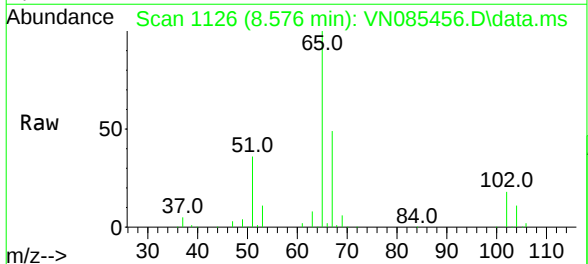
Instrument :
MSVOA_N
ClientSampleId :
PB166029TB

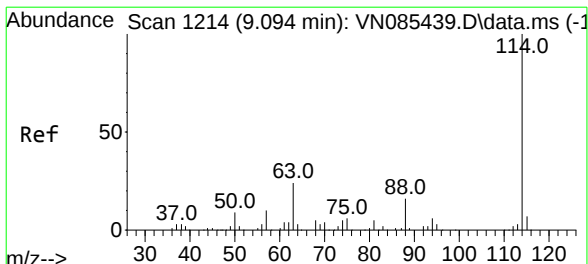
Tgt Ion: 43 Resp: 9452
Ion Ratio Lower Upper
43 100
72 21.7 20.2 30.4



#33
1,2-Dichloroethane-d4
Concen: 54.388 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 65 Resp: 159448
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.6

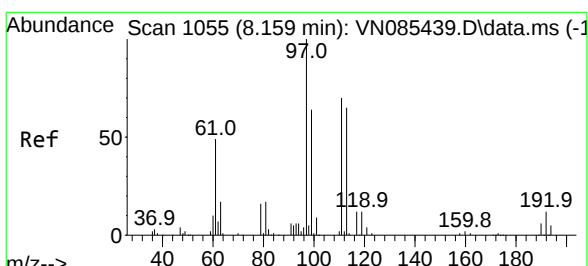
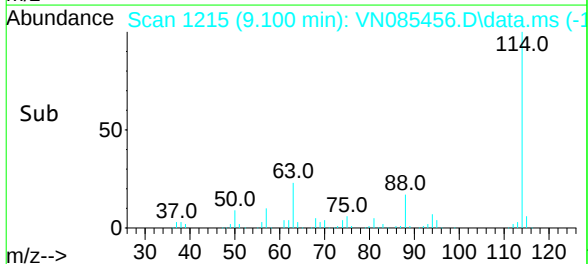
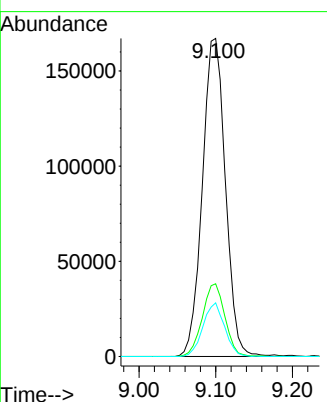
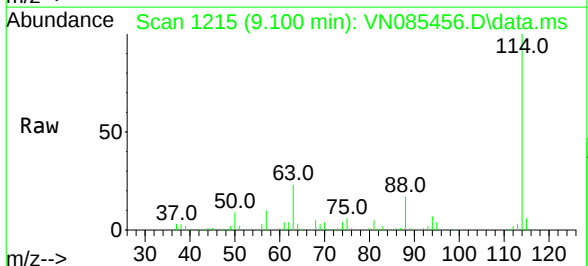




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085456.D
 Acq: 15 Jan 2025 13:01

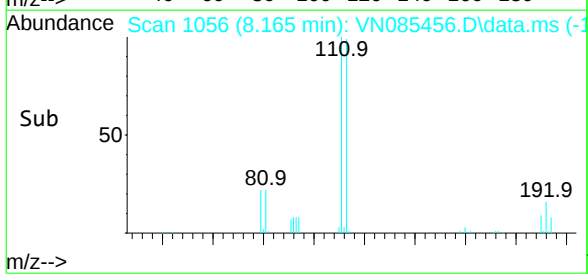
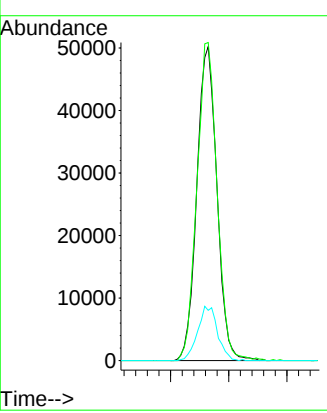
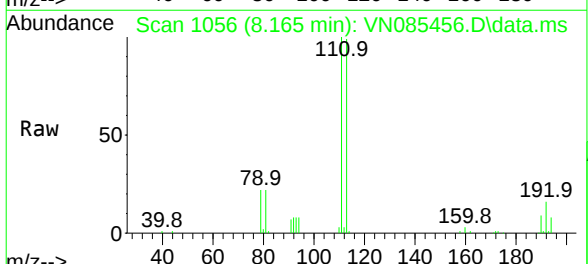
Instrument :
 MSVOA_N
 ClientSampleId :
 PB166029TB

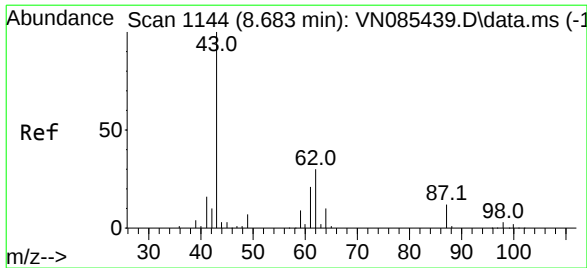
Tgt Ion:	114	Resp:	348273
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	47.6
88	16.9	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.930 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085456.D
 Acq: 15 Jan 2025 13:01

Tgt Ion:	113	Resp:	120640
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.7	124.1
192	17.1	14.3	21.5

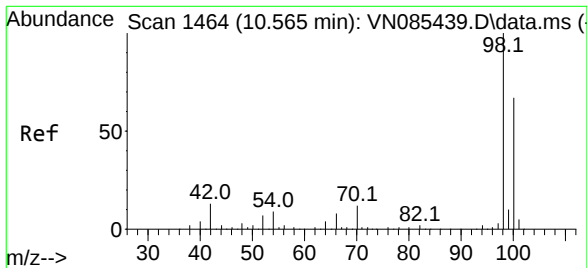
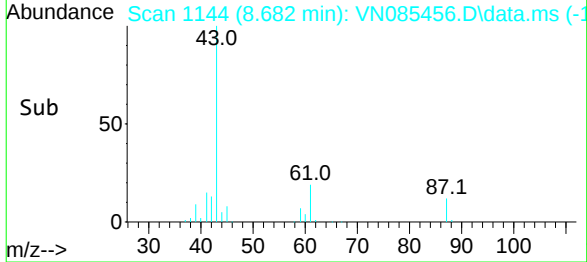
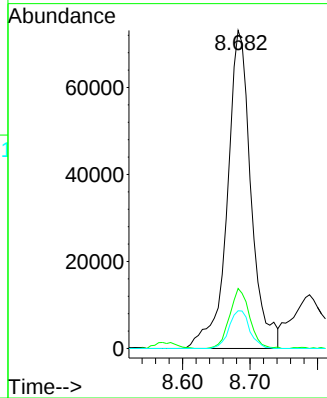
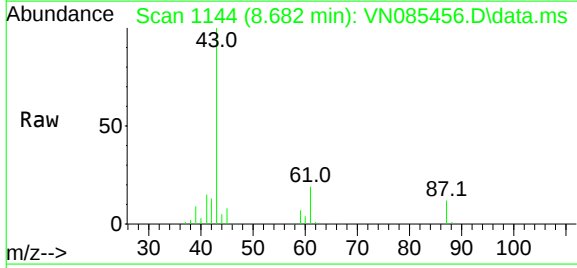




#43
Isopropyl Acetate
Concen: 32.650 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

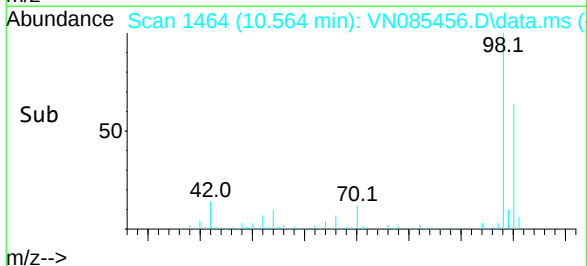
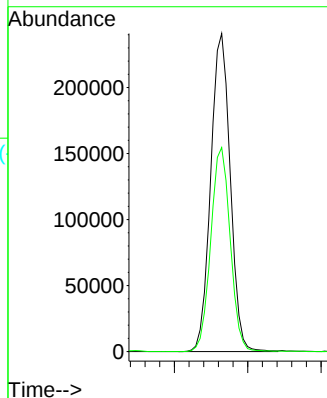
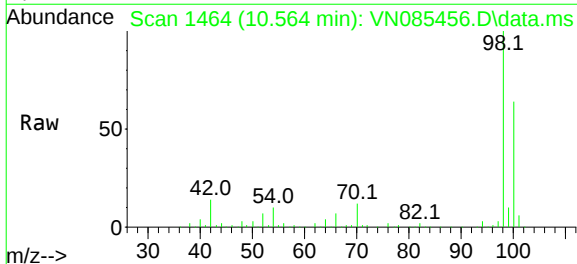
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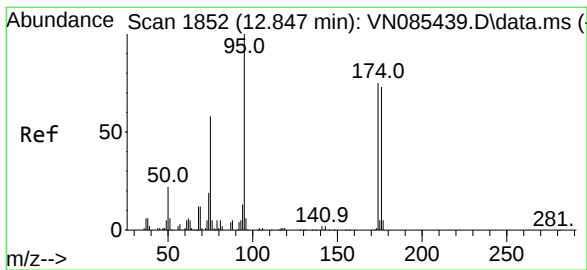
Tgt Ion: 43 Resp: 179066
Ion Ratio Lower Upper
43 100
61 15.9 20.7 31.1#
87 10.3 9.8 14.8



#50
Toluene-d8
Concen: 51.769 ug/l
RT: 10.564 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

Tgt Ion: 98 Resp: 444413
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4

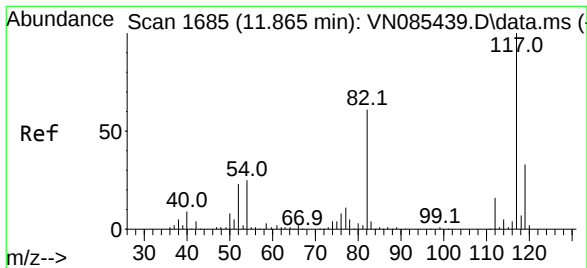
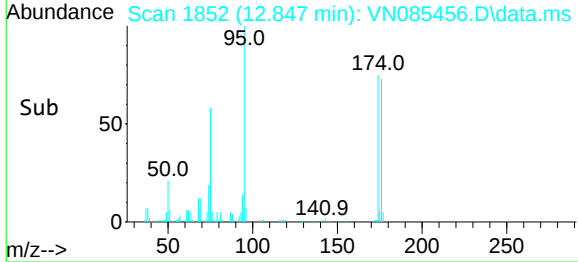
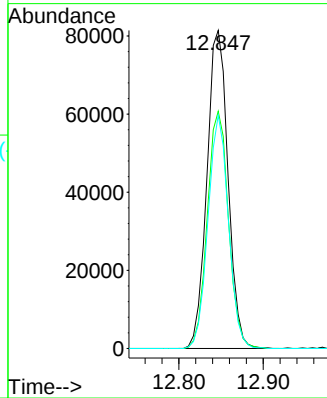
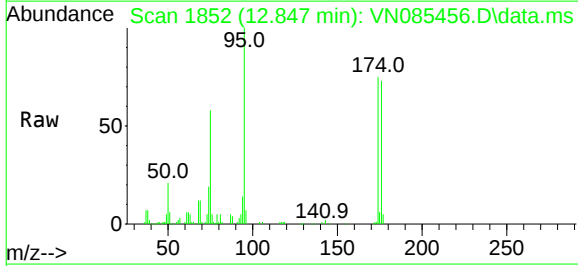




#62
4-Bromofluorobenzene
Concen: 48.123 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

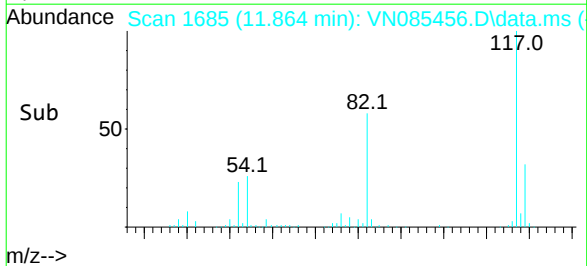
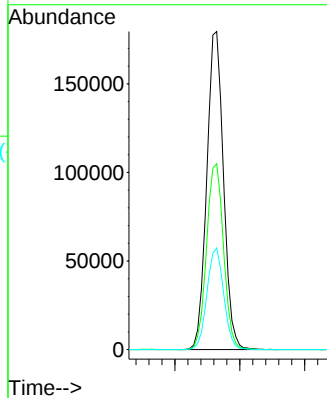
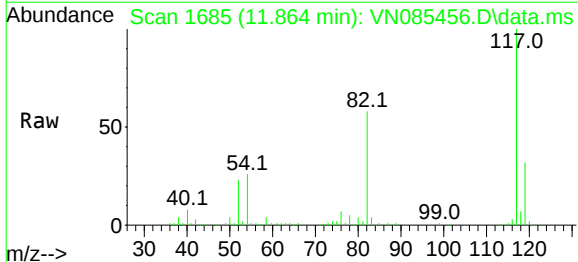
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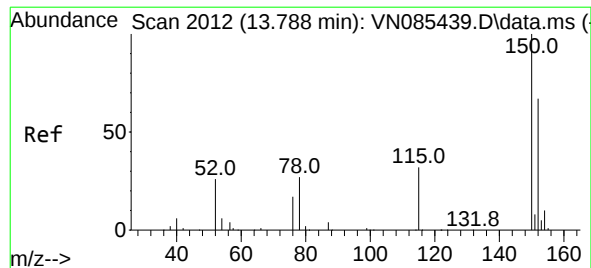
Tgt Ion: 95 Resp: 141316
Ion Ratio Lower Upper
95 100
174 74.9 0.0 145.0
176 71.0 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085456.D
Acq: 15 Jan 2025 13:01

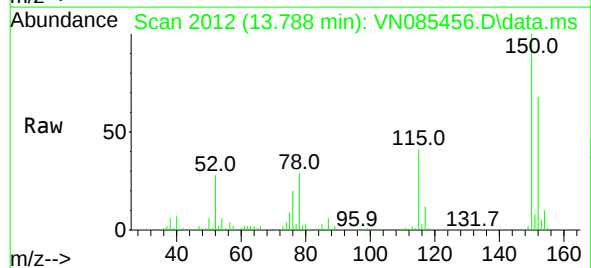
Tgt Ion: 117 Resp: 321375
Ion Ratio Lower Upper
117 100
82 58.4 48.6 72.8
119 31.9 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085456.D
 Acq: 15 Jan 2025 13:01

Instrument :
 MSVOA_N
 ClientSampleId :
 PB166029TB



Tgt Ion:	152	Resp:	128492
Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.1	93.3
150	155.3	0.0	343.6

