

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083283.D
 Acq On : 14 Aug 2024 07:16
 Operator : JC\MD
 Sample : P3451-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 921-J-WS-080124

Quant Time: Aug 14 07:59:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

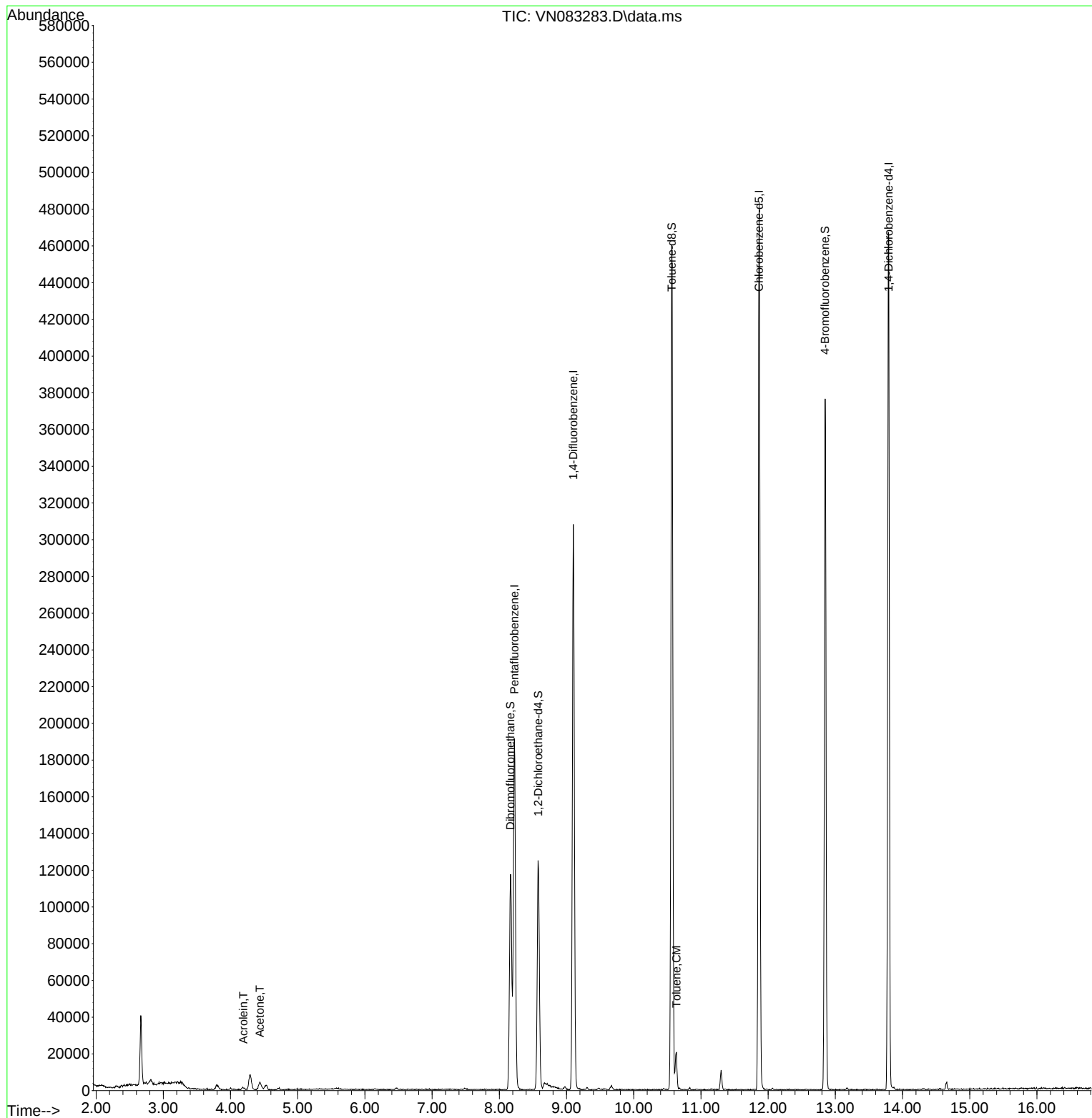
Internal Standards						
1) Pentafluorobenzene	8.224	168	130924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	269897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	123166	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	106234	57.006	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.020%	
35) Dibromofluoromethane	8.165	113	84689	52.628	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.260%	
50) Toluene-d8	10.565	98	319644	53.250	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.500%	
62) 4-Bromofluorobenzene	12.847	95	135397	57.857	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 115.720%	
Target Compounds						
						Qvalue
13) Acrolein	4.189	56	1551	6.145	ug/l	84
16) Acetone	4.436	43	7802	10.699	ug/l	93
52) Toluene	10.635	92	9096	1.985	ug/l	94

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

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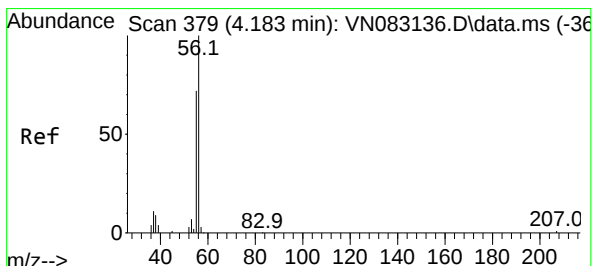
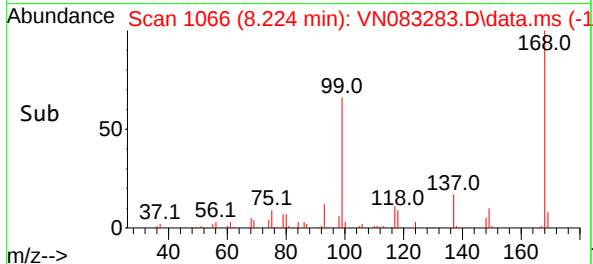
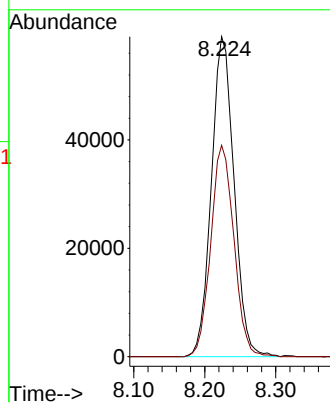
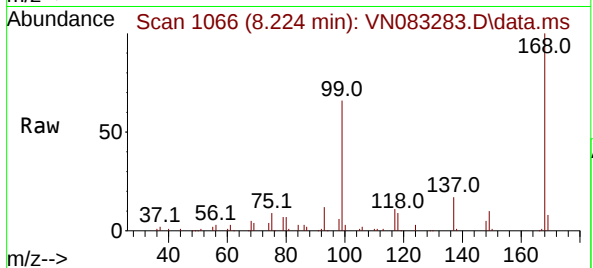




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

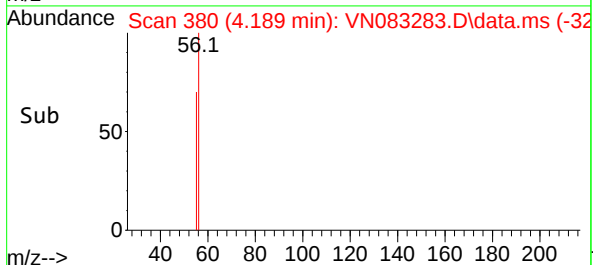
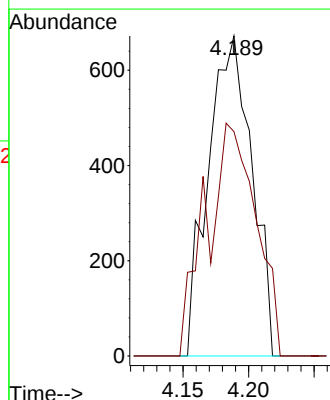
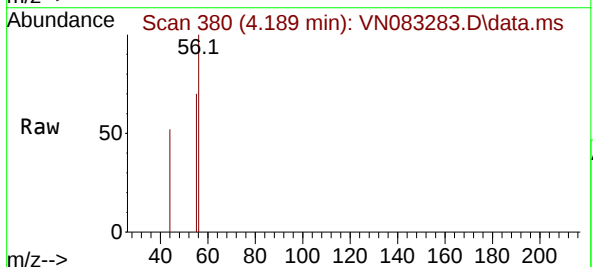
Instrument :
MSVOA_N
ClientSampleId :
921-J-WS-080124

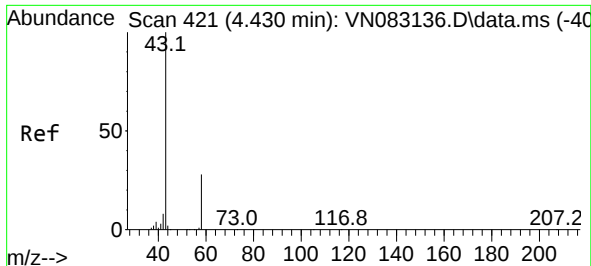
Tgt Ion:168 Resp: 130924
Ion Ratio Lower Upper
168 100
99 66.1 48.2 72.4



#13
Acrolein
Concen: 6.145 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

Tgt Ion: 56 Resp: 1551
Ion Ratio Lower Upper
56 100
55 83.4 56.4 84.6

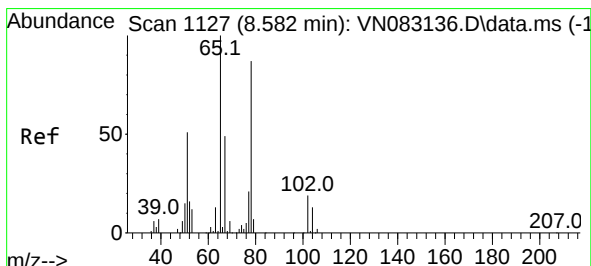
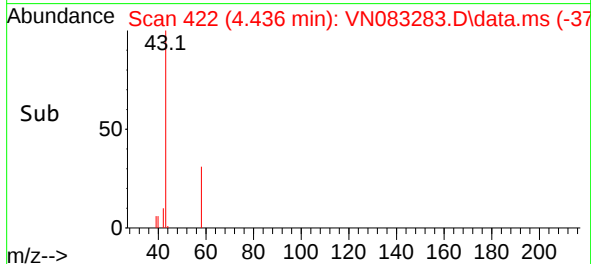
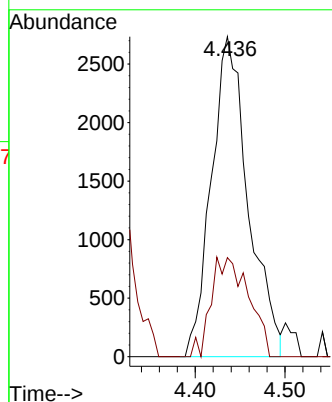
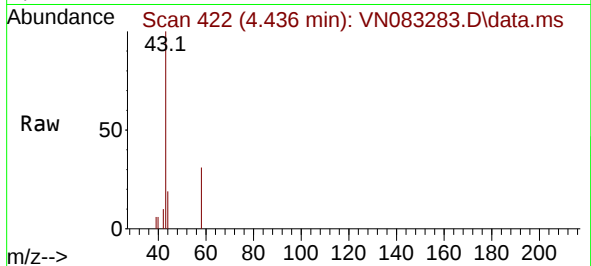




#16
Acetone
Concen: 10.699 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

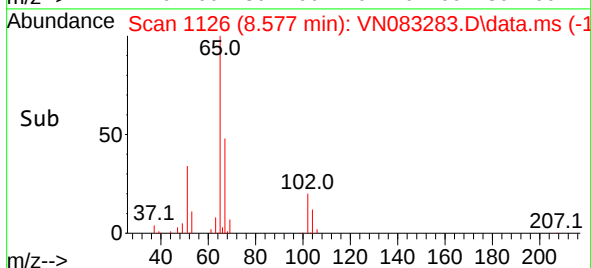
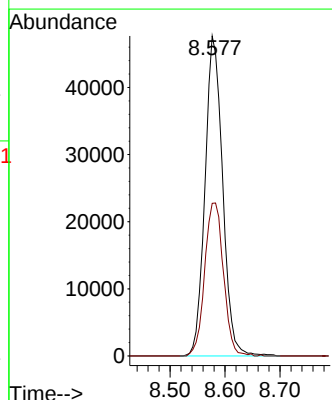
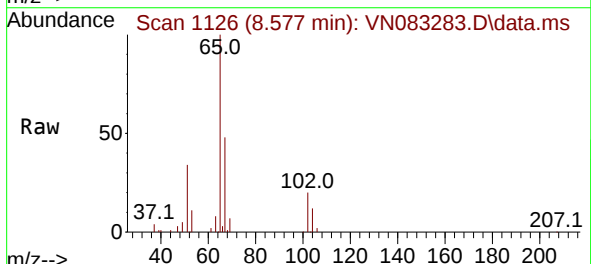
Instrument :
MSVOA_N
ClientSampleId :
921-J-WS-080124

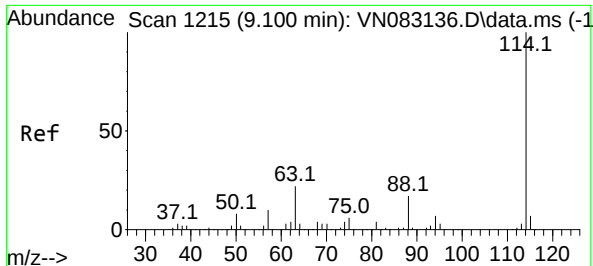
Tgt Ion: 43 Resp: 7802
Ion Ratio Lower Upper
43 100
58 30.9 21.8 32.6



#33
1,2-Dichloroethane-d4
Concen: 57.006 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

Tgt Ion: 65 Resp: 106234
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.4

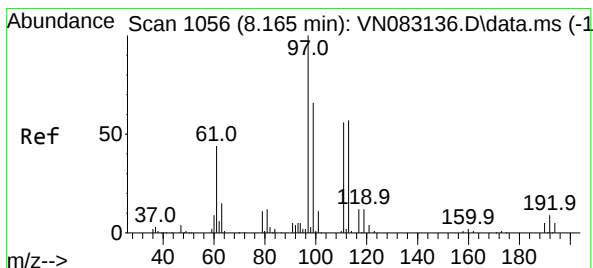
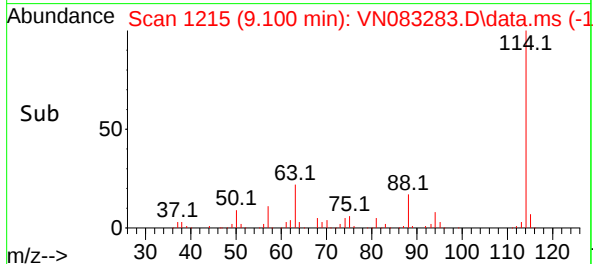
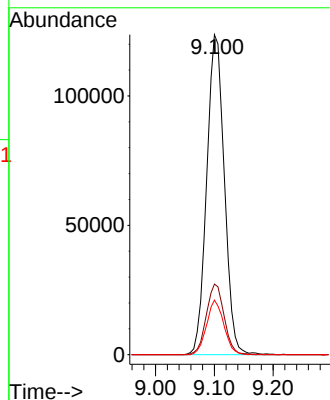
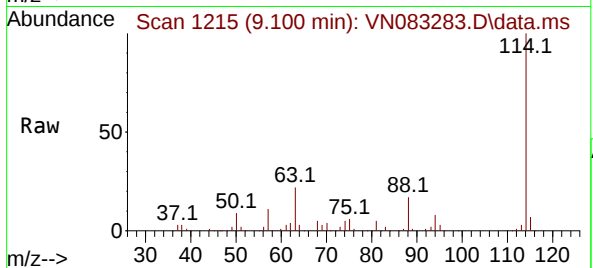




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

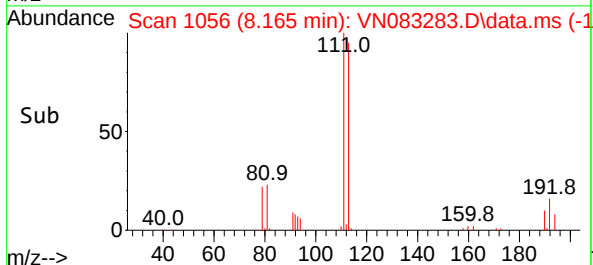
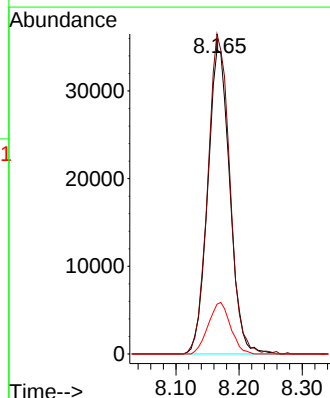
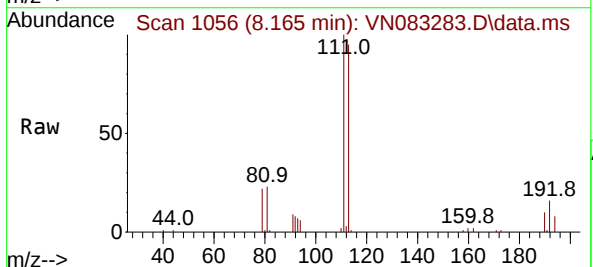
Instrument :
MSVOA_N
ClientSampleId :
921-J-WS-080124

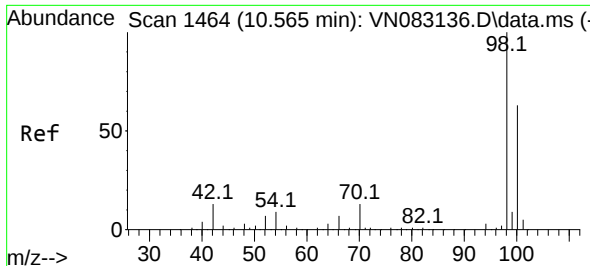
Tgt Ion:114 Resp: 257809
Ion Ratio Lower Upper
114 100
63 22.1 0.0 44.6
88 17.0 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.628 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

Tgt Ion:113 Resp: 84689
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 16.9 14.9 22.3

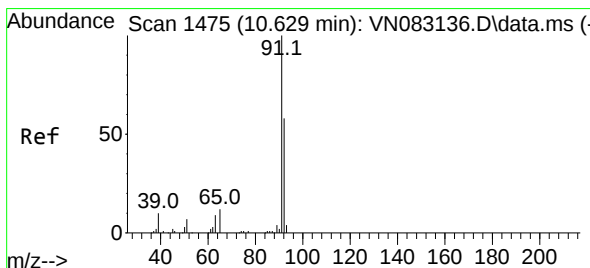
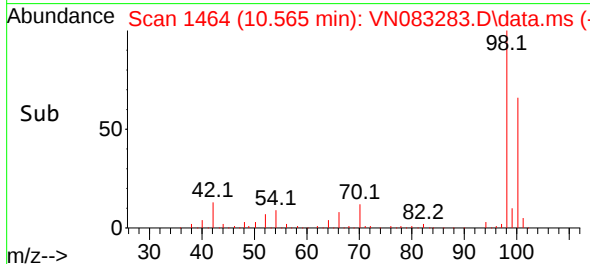
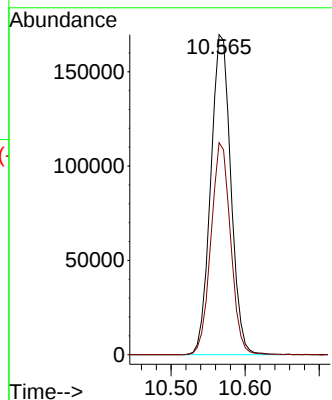
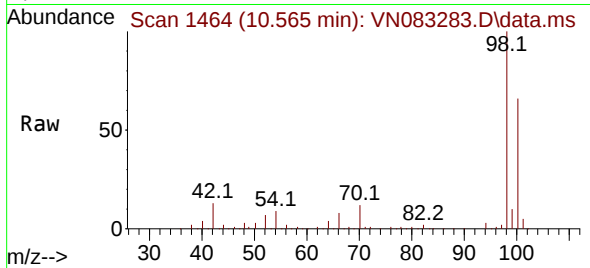




#50
Toluene-d8
Concen: 53.250 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

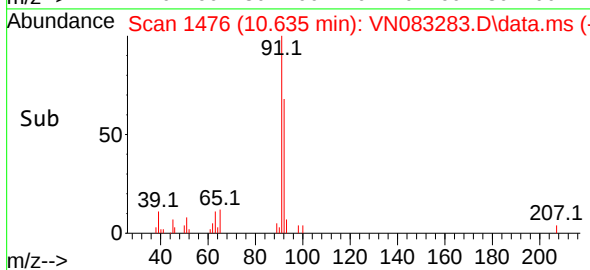
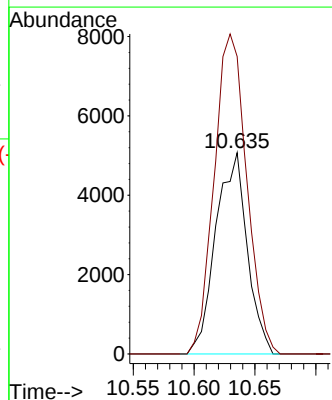
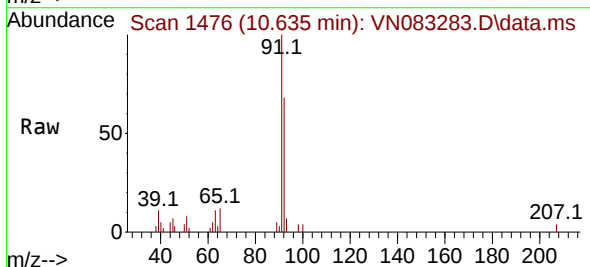
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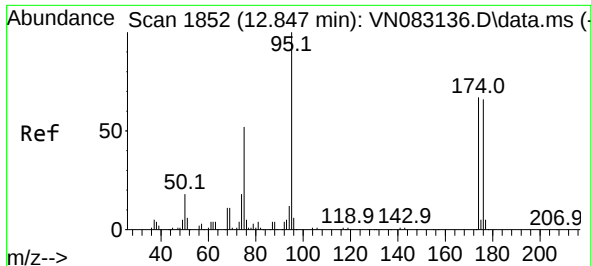
Tgt Ion: 98 Resp: 319644
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#52
Toluene
Concen: 1.985 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

Tgt Ion: 92 Resp: 9096
Ion Ratio Lower Upper
92 100
91 165.2 139.4 209.0

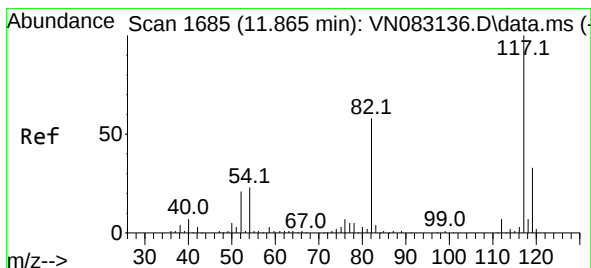
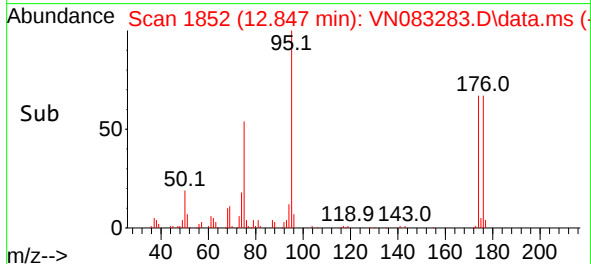
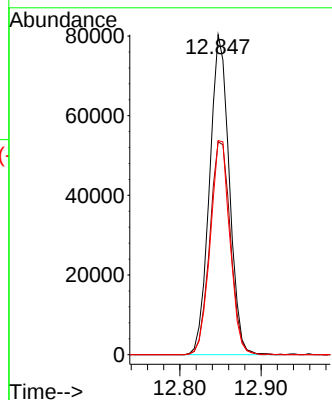
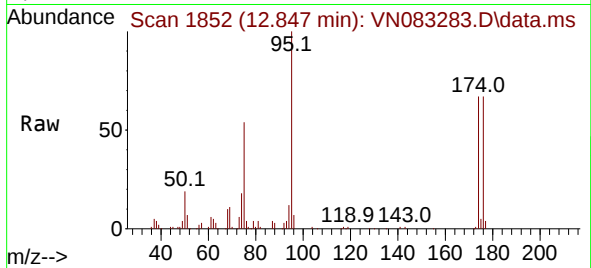




#62
4-Bromofluorobenzene
Concen: 57.857 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

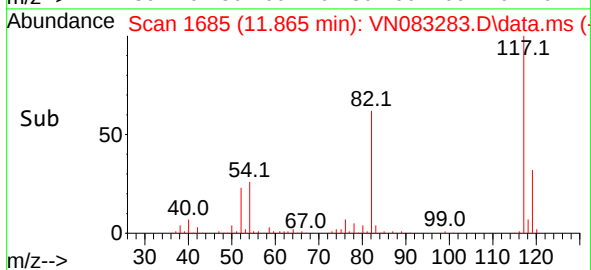
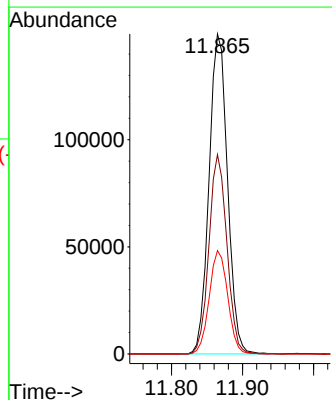
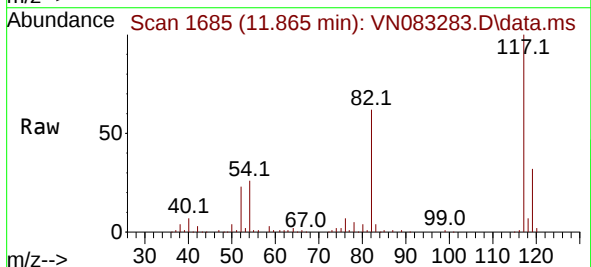
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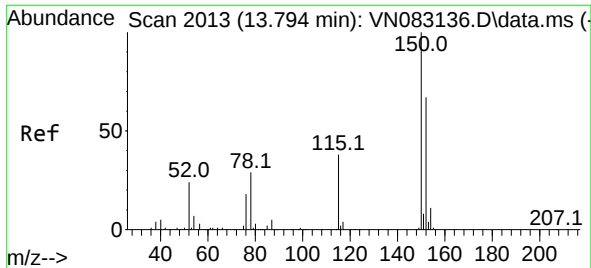
Tgt Ion: 95 Resp: 135397
Ion Ratio Lower Upper
95 100
174 69.9 0.0 159.2
176 66.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083283.D
Acq: 14 Aug 2024 07:16

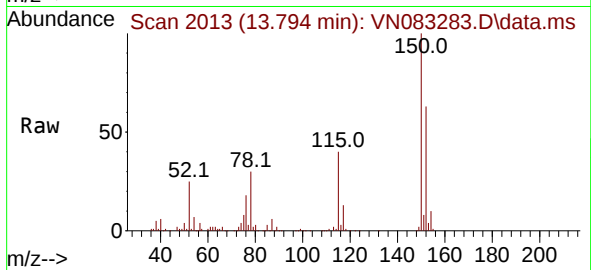
Tgt Ion: 117 Resp: 269897
Ion Ratio Lower Upper
117 100
82 62.3 47.5 71.3
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083283.D
 Acq: 14 Aug 2024 07:16

Instrument :
 MSVOA_N
 ClientSampleId :
 921-J-WS-080124



Tgt Ion:	152	Resp:	123166
Ion	Ratio	Lower	Upper
152	100		
115	64.9	30.6	91.6
150	157.7	0.0	348.6

