

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083281.D
 Acq On : 14 Aug 2024 06:28
 Operator : JC\MD
 Sample : P3467-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 919-J-WS-080224

Quant Time: Aug 14 07:59:00 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)

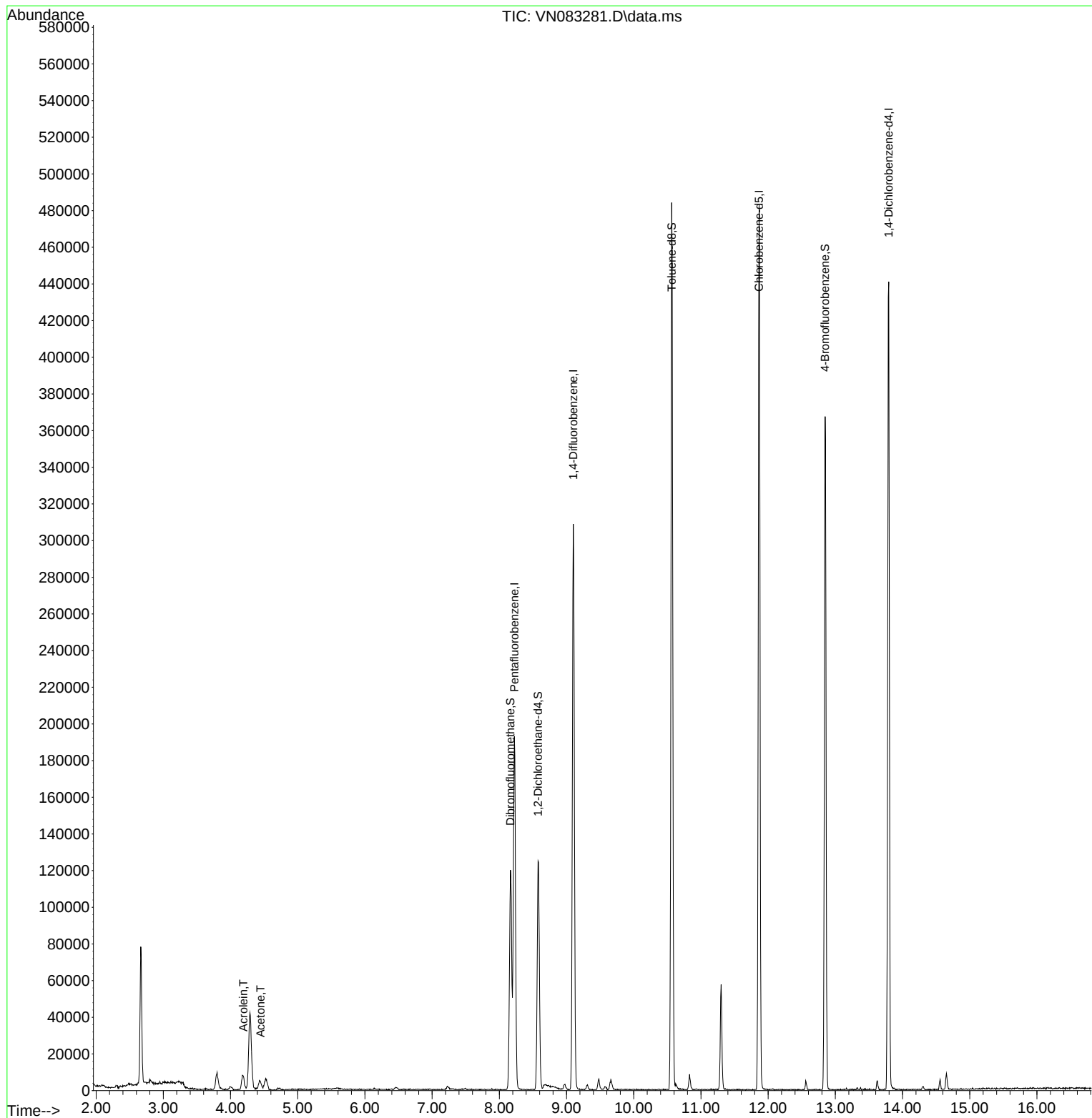
Internal Standards						
1) Pentafluorobenzene	8.224	168	133782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	261677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	268472	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	116504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108932	57.205	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 114.420%	
35) Dibromofluoromethane	8.165	113	86716	53.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.180%	
50) Toluene-d8	10.565	98	329361	54.058	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.120%	
62) 4-Bromofluorobenzene	12.847	95	133342	56.137	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 112.280%	
Target Compounds						
						Qvalue
13) Acrolein	4.189	56	10570	40.982	ug/l	97
16) Acetone	4.448	43	10236	13.737	ug/l	97

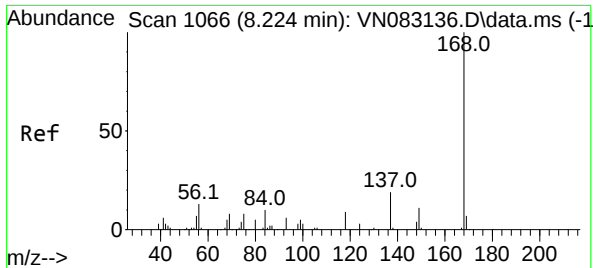
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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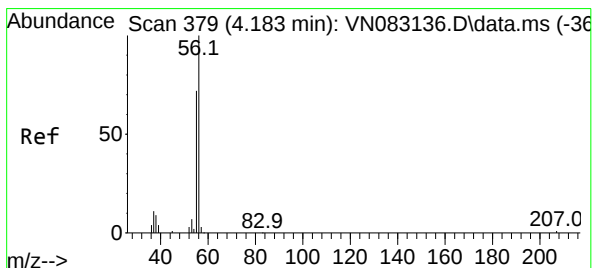
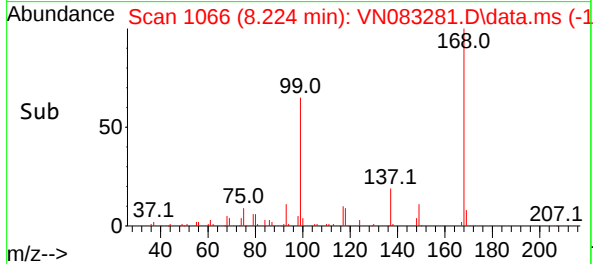
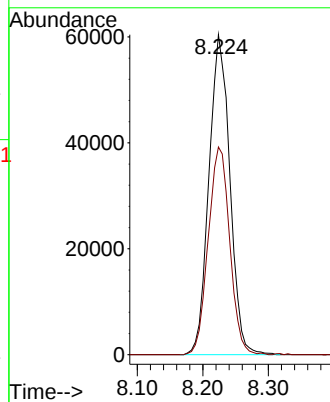
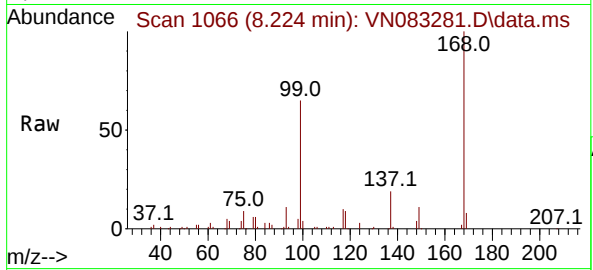




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN083281.D
 Acq: 14 Aug 2024 06:28

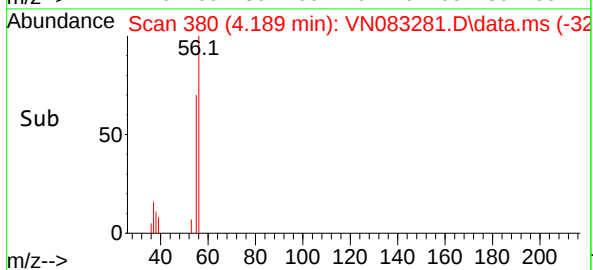
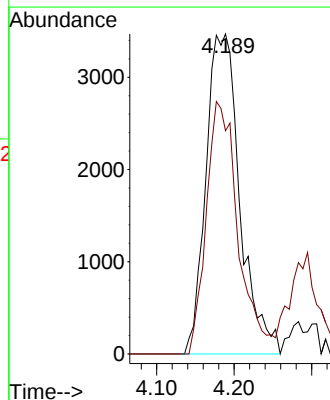
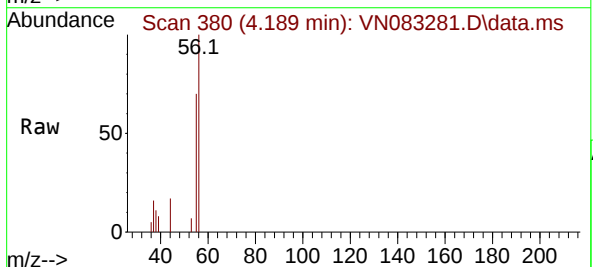
Instrument :
 MSVOA_N
 ClientSampleId :
 919-J-WS-080224

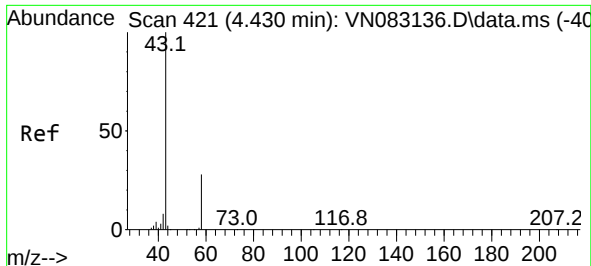
Tgt Ion:168 Resp: 133782
 Ion Ratio Lower Upper
 168 100
 99 64.9 48.2 72.4



#13
 Acrolein
 Concen: 40.982 ug/l
 RT: 4.189 min Scan# 380
 Delta R.T. 0.006 min
 Lab File: VN083281.D
 Acq: 14 Aug 2024 06:28

Tgt Ion: 56 Resp: 10570
 Ion Ratio Lower Upper
 56 100
 55 72.6 56.4 84.6

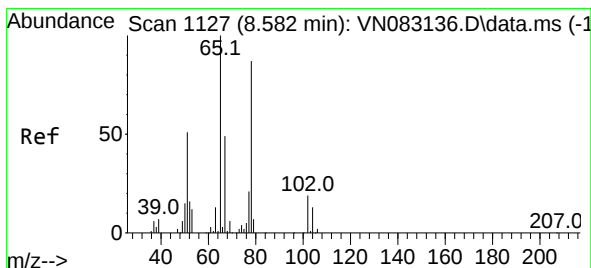
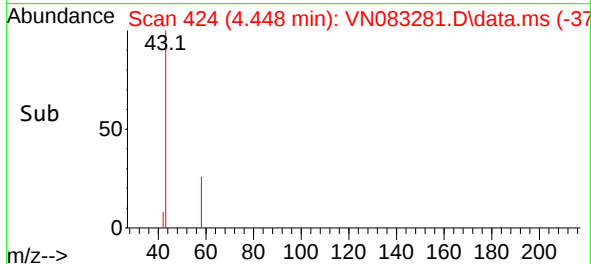
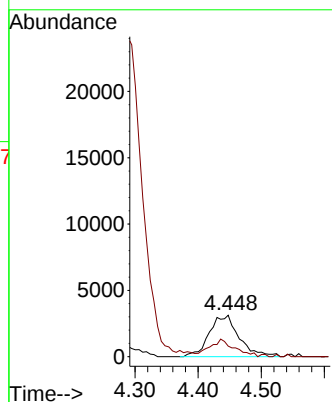
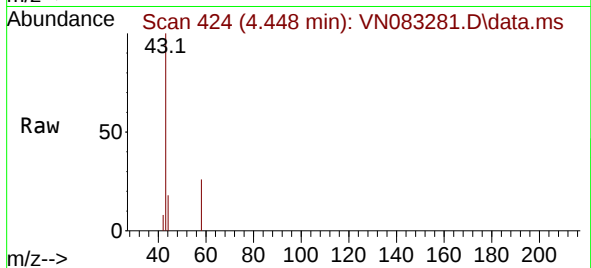




#16
Acetone
Concen: 13.737 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

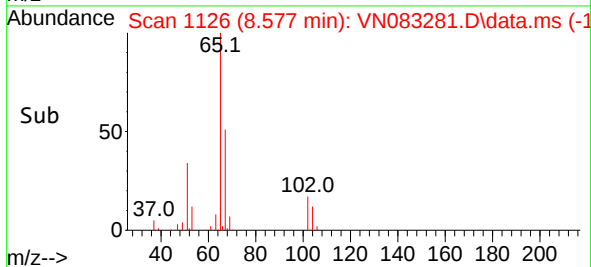
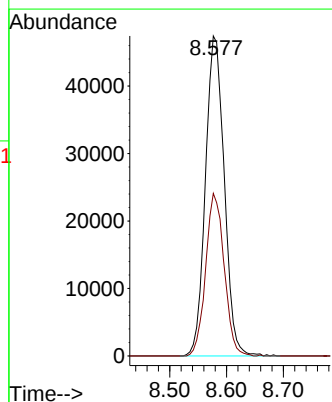
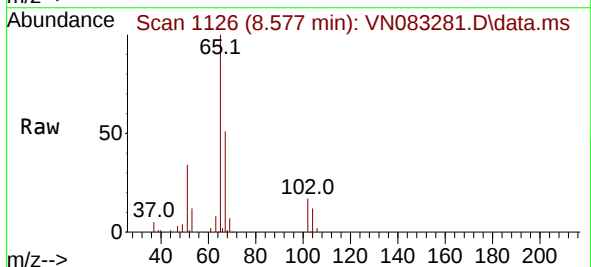
Instrument :
MSVOA_N
ClientSampleId :
919-J-WS-080224

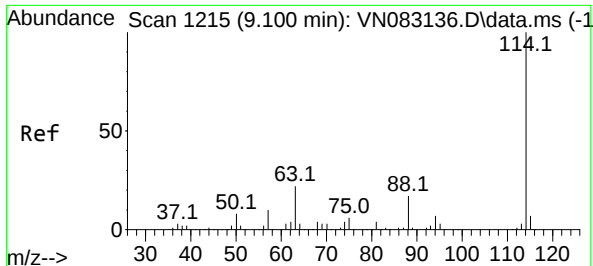
Tgt Ion: 43 Resp: 10236
Ion Ratio Lower Upper
43 100
58 25.7 21.8 32.6



#33
1,2-Dichloroethane-d4
Concen: 57.205 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Tgt Ion: 65 Resp: 108932
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083281.D

Acq: 14 Aug 2024 06:28

Instrument :

MSVOA_N

ClientSampleId :

919-J-WS-080224

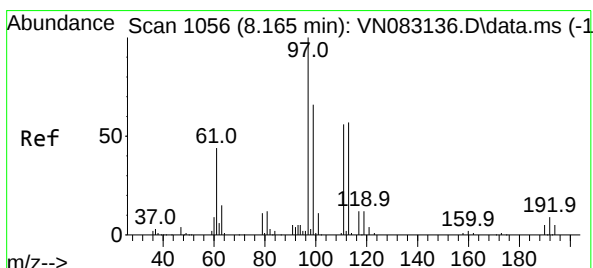
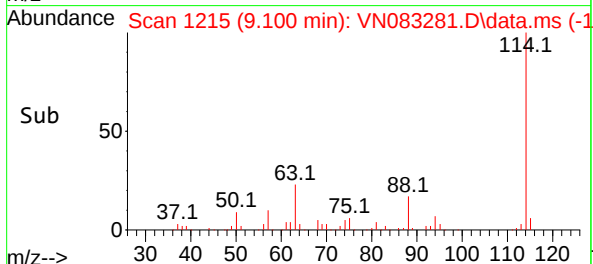
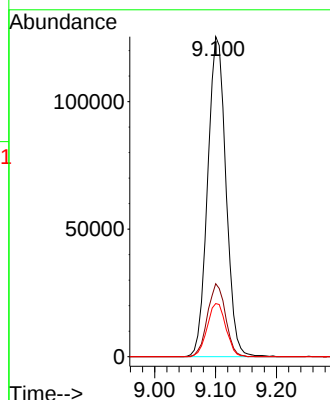
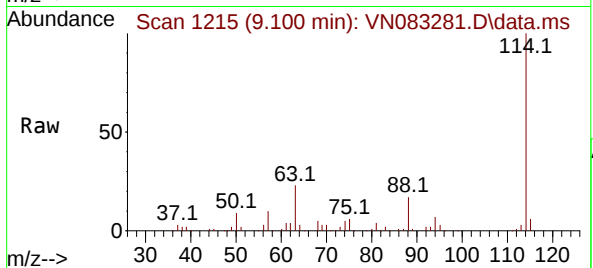
Tgt Ion:114 Resp: 261677

Ion Ratio Lower Upper

114 100

63 22.8 0.0 44.6

88 16.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.091 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083281.D

Acq: 14 Aug 2024 06:28

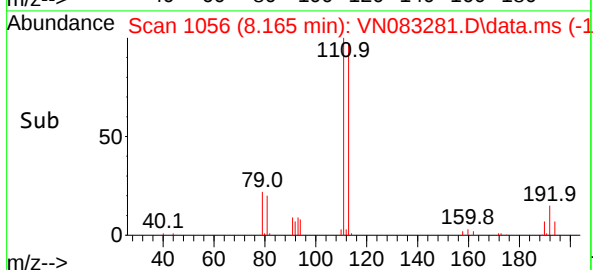
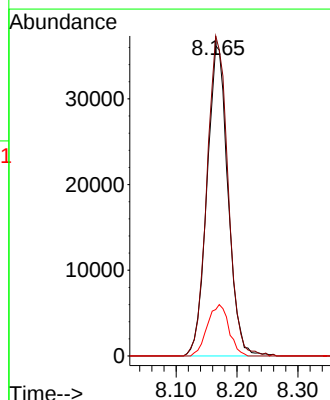
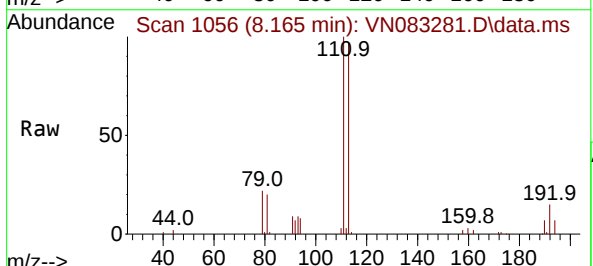
Tgt Ion:113 Resp: 86716

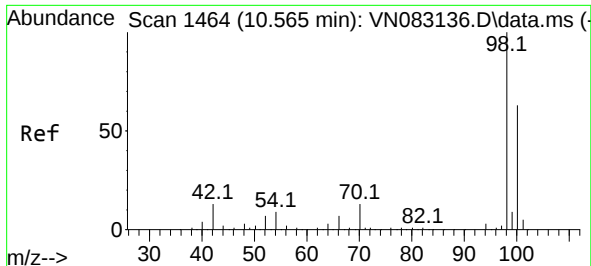
Ion Ratio Lower Upper

113 100

111 103.6 82.4 123.6

192 17.0 14.9 22.3

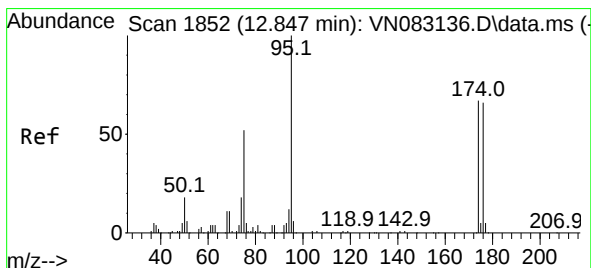
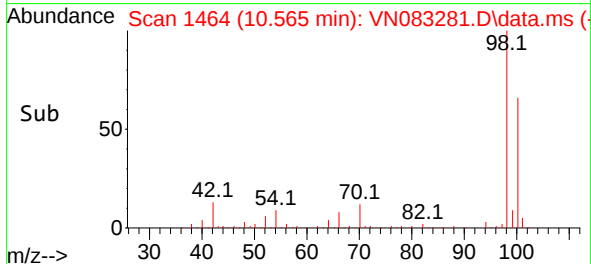
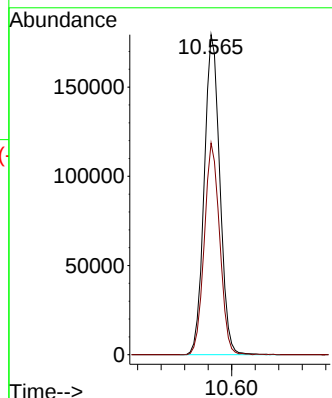
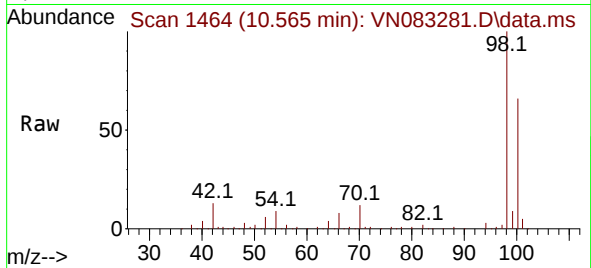




#50
Toluene-d8
Concen: 54.058 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

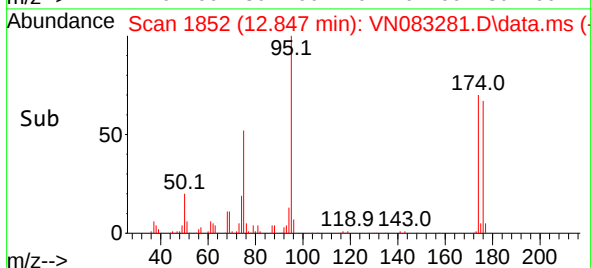
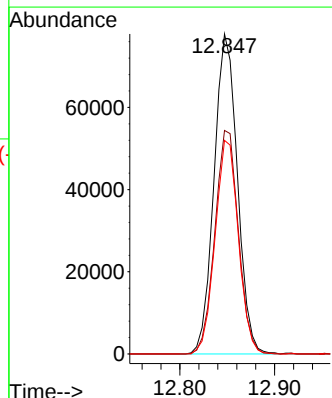
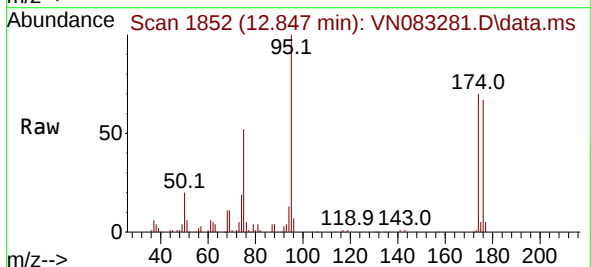
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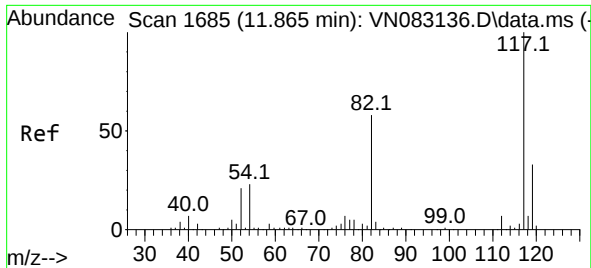
Tgt Ion: 98 Resp: 329361
Ion Ratio Lower Upper
98 100
100 65.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 56.137 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Tgt Ion: 95 Resp: 133342
Ion Ratio Lower Upper
95 100
174 70.5 0.0 159.2
176 66.6 0.0 147.6

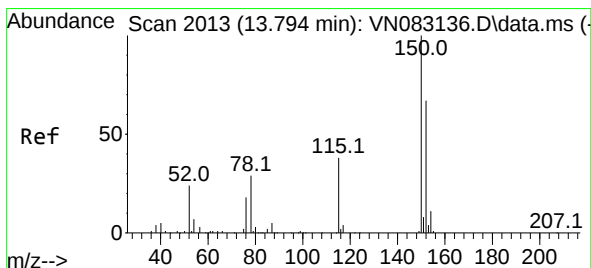
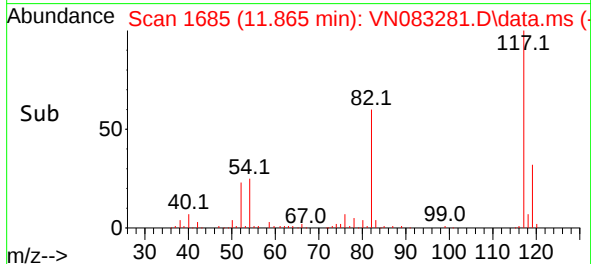
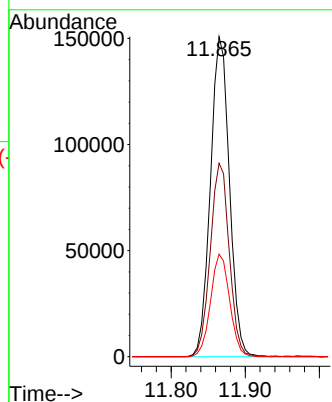
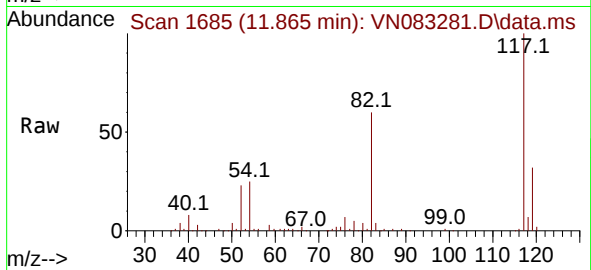




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Instrument :
MSVOA_N
ClientSampleId :
919-J-WS-080224

Tgt Ion:117 Resp: 268472
Ion Ratio Lower Upper
117 100
82 60.4 47.5 71.3
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN083281.D
Acq: 14 Aug 2024 06:28

Tgt Ion:152 Resp: 116504
Ion Ratio Lower Upper
152 100
115 64.8 30.6 91.6
150 159.2 0.0 348.6

