

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081324\
 Data File : VN083267.D
 Acq On : 13 Aug 2024 18:57
 Operator : JC\MD
 Sample : P3548-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IN-SITU-SOIL

Quant Time: Aug 14 01:48:29 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)

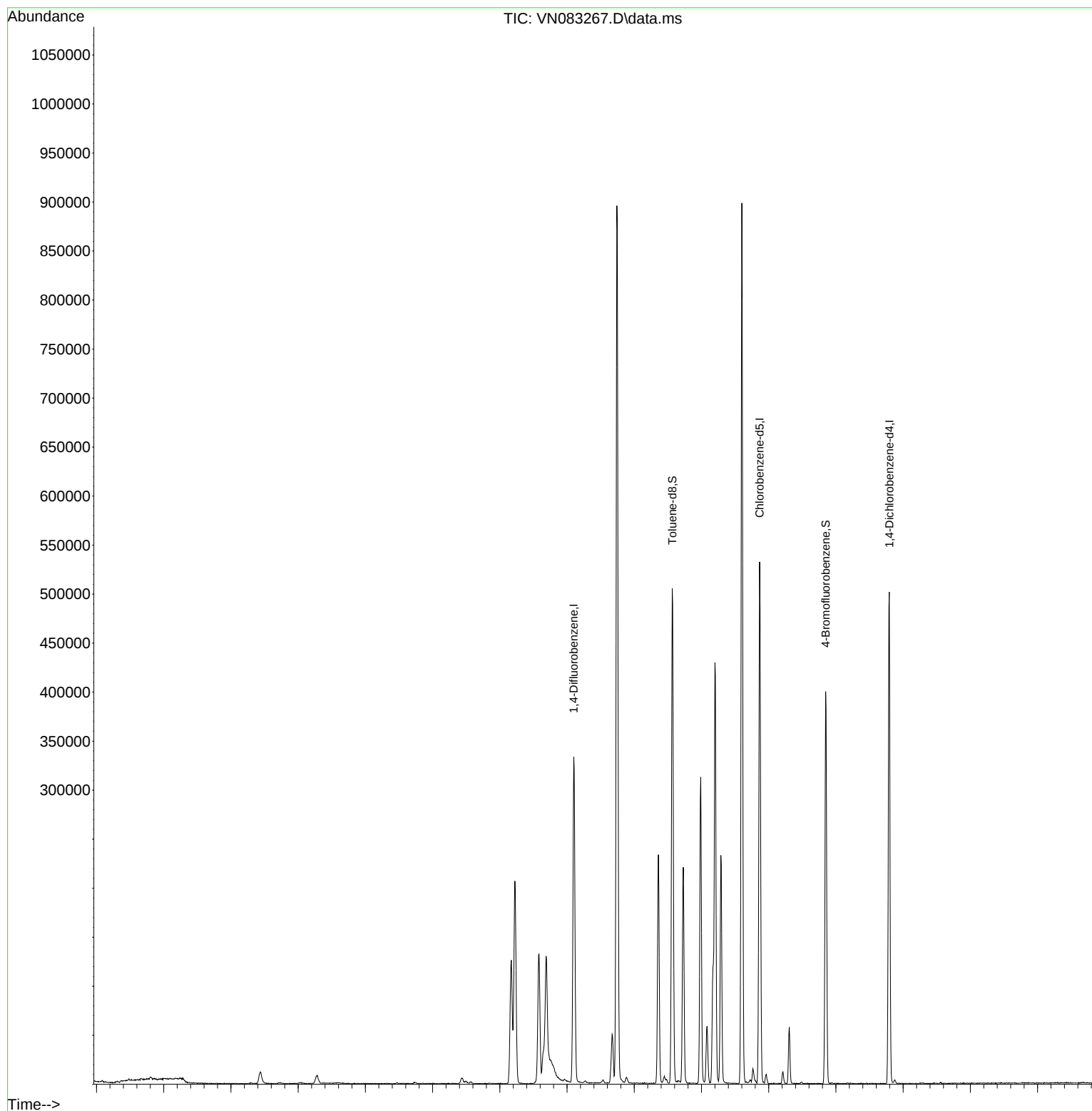
Internal Standards						
1) Pentafluorobenzene	8.224	168	142480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278222	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	115241	56.824	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.640%			
35) Dibromofluoromethane	8.171	113	89426	51.495	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.980%			
50) Toluene-d8	10.565	98	345820	53.384	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.760%			
62) 4-Bromofluorobenzene	12.847	95	144885	57.369	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 114.740%			
Target Compounds						
16) Acetone	4.436	43	24327	30.655	ug/l #	89
20) Methylene Chloride	5.283	84	6186	3.387	ug/l	95
43) Isopropyl Acetate	8.688	43	187800	36.010	ug/l #	84

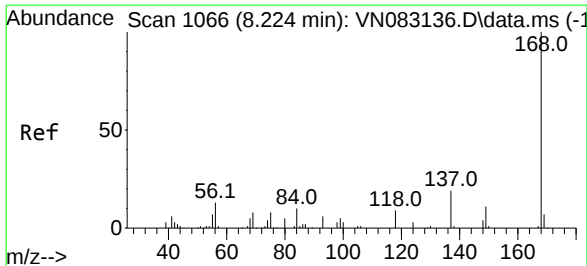
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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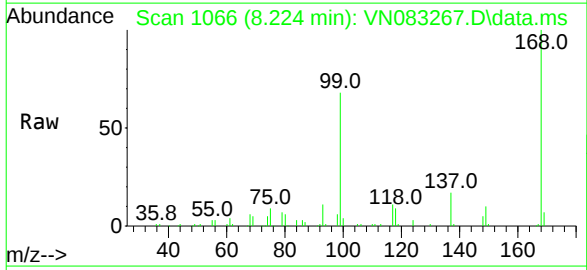
Quant Time: Aug 14 01:48:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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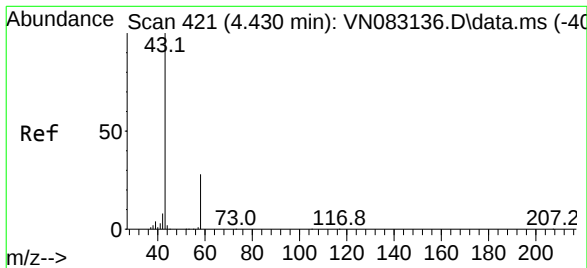
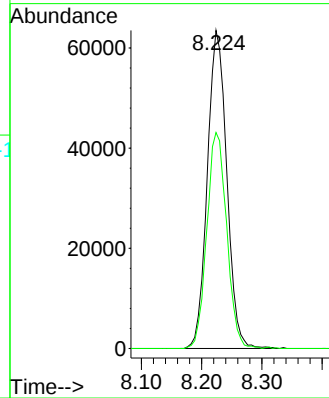
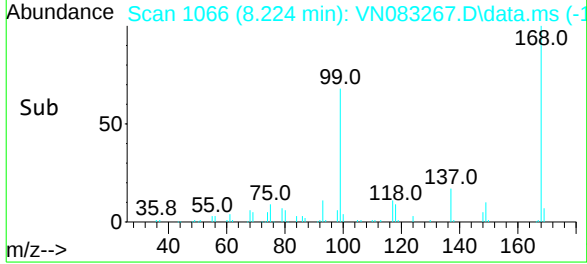


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083267.D
Acq: 13 Aug 2024 18:57

Instrument :
MSVOA_N
ClientSampleId :
IN-SITU-SOIL

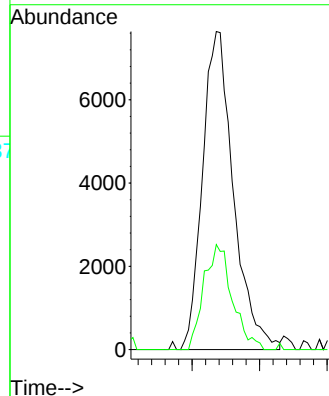
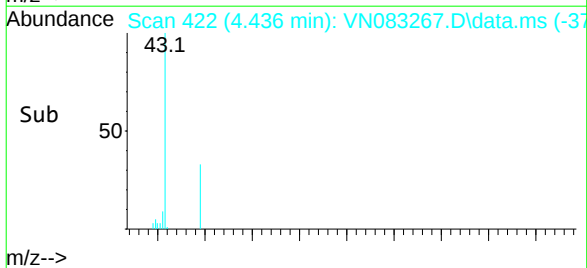
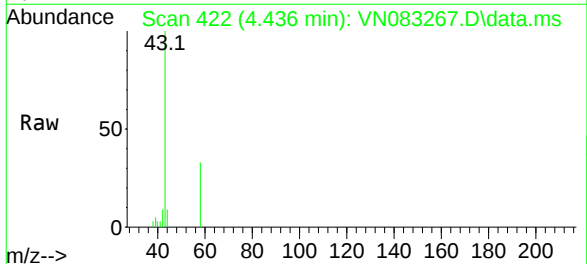


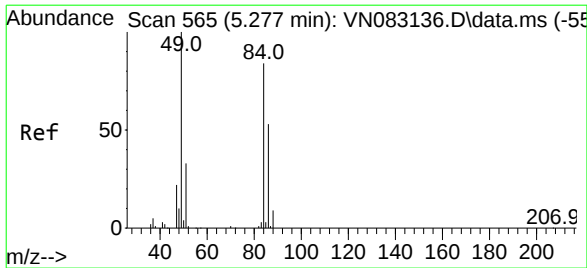
Tgt Ion:168 Resp: 142480
Ion Ratio Lower Upper
168 100
99 67.9 48.2 72.4



#16
Acetone
Concen: 30.655 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN083267.D
Acq: 13 Aug 2024 18:57

Tgt Ion: 43 Resp: 24327
Ion Ratio Lower Upper
43 100
58 33.0 21.8 32.6#





#20

Methylene Chloride

Concen: 3.387 ug/l

RT: 5.283 min Scan# 56

Delta R.T. 0.006 min

Lab File: VN083267.D

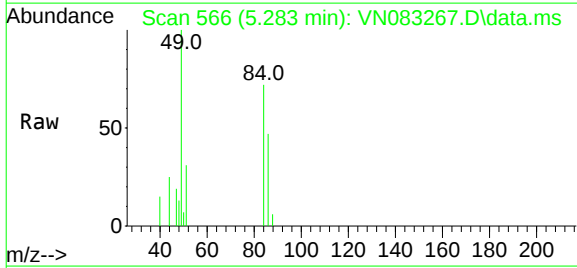
Acq: 13 Aug 2024 18:57

Instrument :

MSVOA_N

ClientSampleId :

IN-SITU-SOIL



Tgt Ion: 84 Resp: 6186

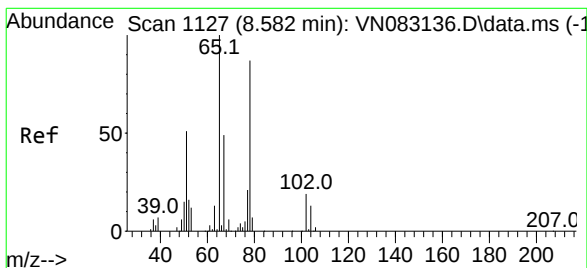
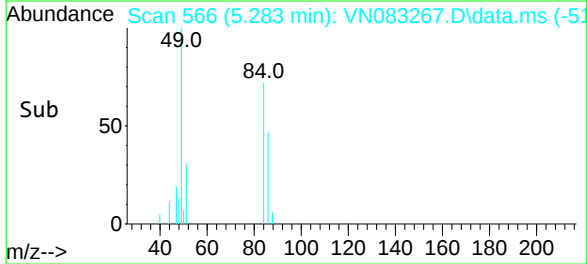
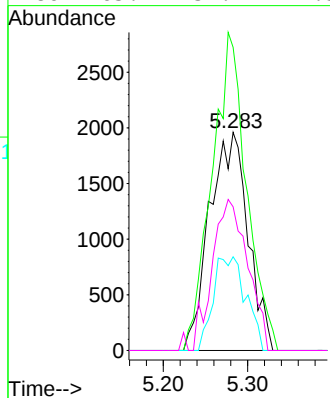
Ion Ratio Lower Upper

84 100

49 139.0 119.6 179.4

51 43.0 34.8 52.2

86 65.9 52.9 79.3



#33

1,2-Dichloroethane-d4

Concen: 56.824 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083267.D

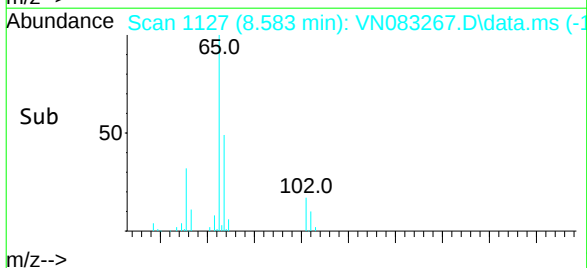
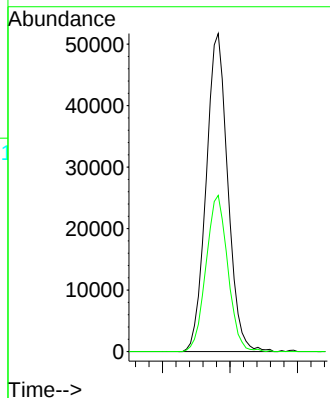
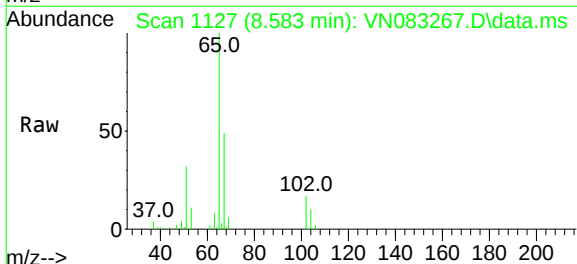
Acq: 13 Aug 2024 18:57

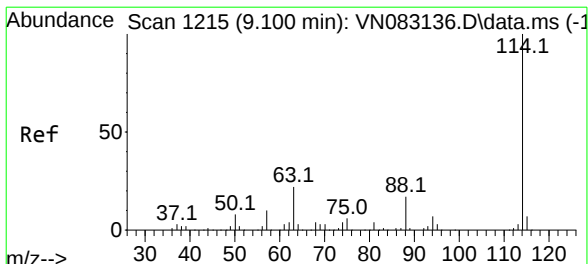
Tgt Ion: 65 Resp: 115241

Ion Ratio Lower Upper

65 100

67 49.5 0.0 104.4

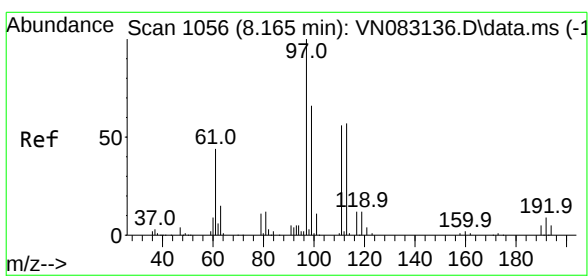
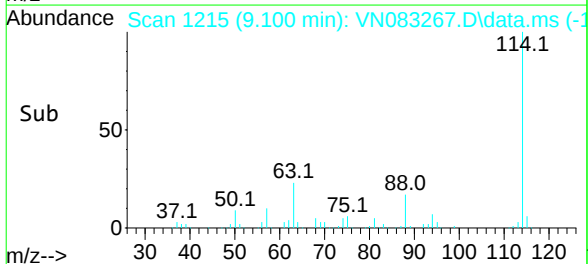
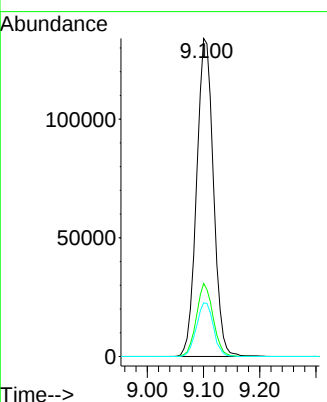
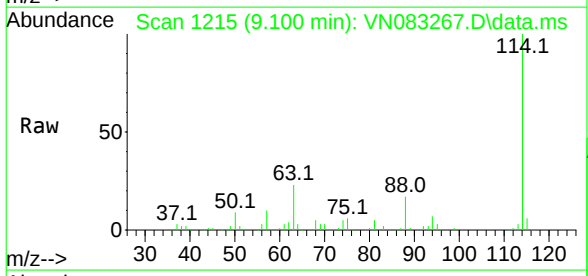




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN083267.D
 Acq: 13 Aug 2024 18:57

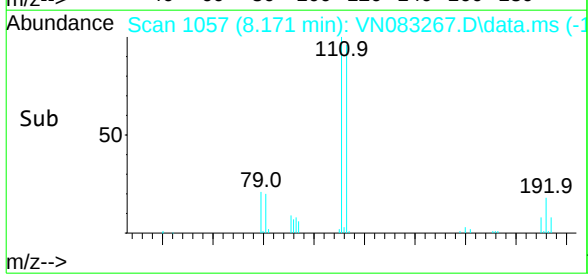
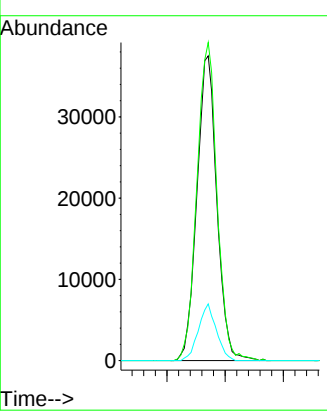
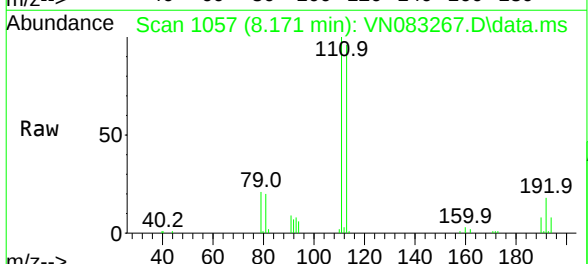
Instrument :
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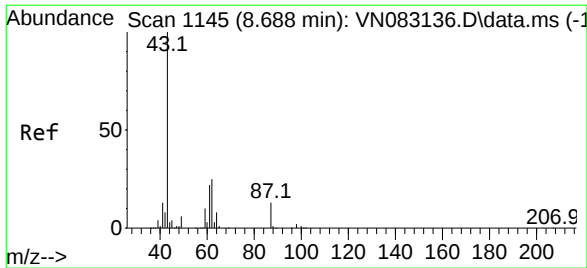
Tgt Ion:	114	Resp:	278222
Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	44.6
88	16.9	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 51.495 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN083267.D
 Acq: 13 Aug 2024 18:57

Tgt Ion:	113	Resp:	89426
Ion	Ratio	Lower	Upper
113	100		
111	104.9	82.4	123.6
192	16.7	14.9	22.3

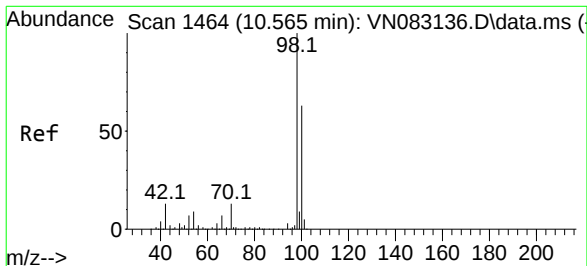
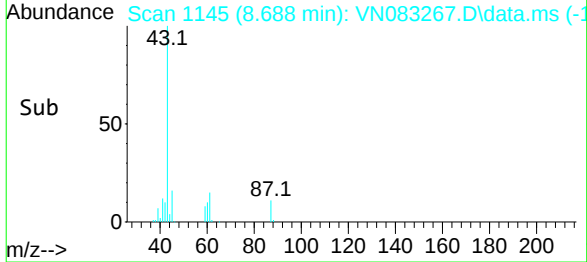
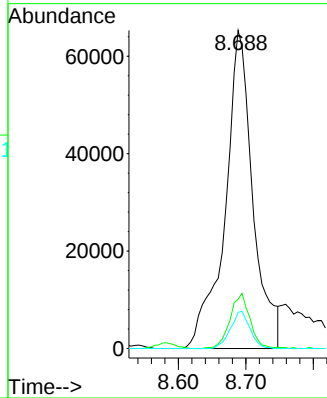
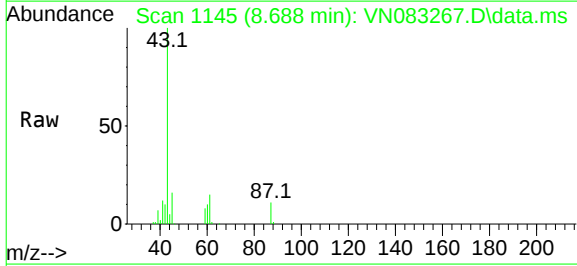




#43
Isopropyl Acetate
Concen: 36.010 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083267.D
Acq: 13 Aug 2024 18:57

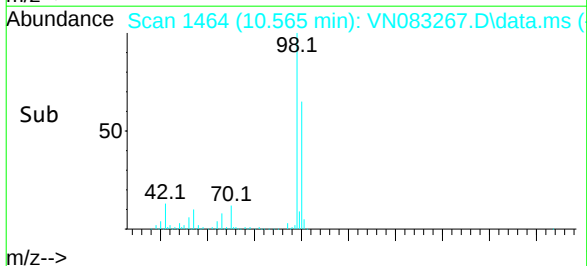
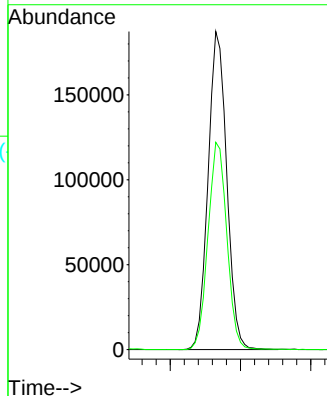
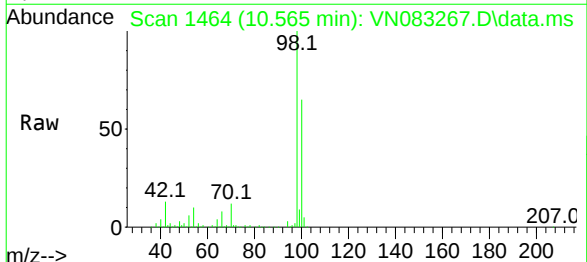
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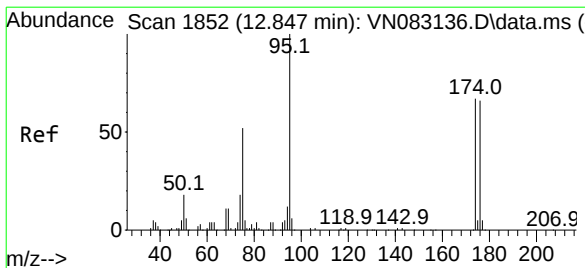
Tgt Ion: 43 Resp: 187800
Ion Ratio Lower Upper
43 100
61 12.4 17.8 26.6#
87 8.1 8.2 12.2#



#50
Toluene-d8
Concen: 53.384 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083267.D
Acq: 13 Aug 2024 18:57

Tgt Ion: 98 Resp: 345820
Ion Ratio Lower Upper
98 100
100 65.8 51.5 77.3

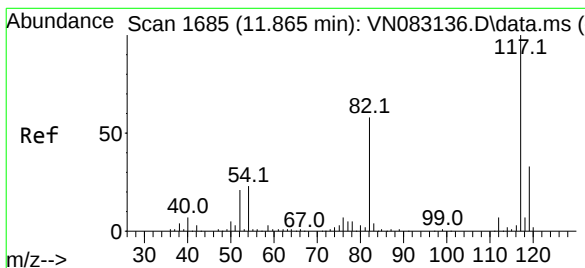
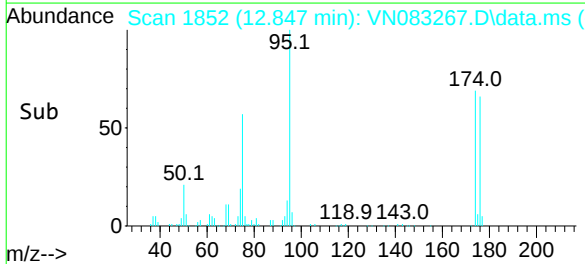
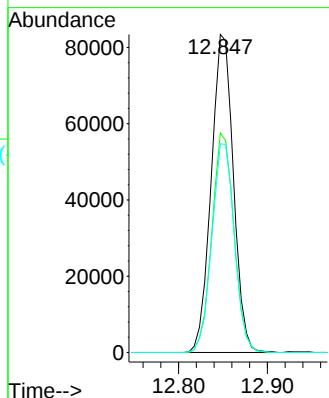
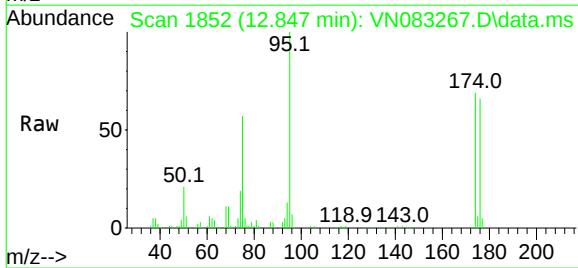




#62
4-Bromofluorobenzene
Concen: 57.369 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083267.D
Acq: 13 Aug 2024 18:57

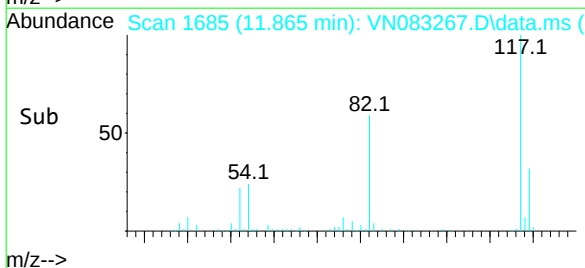
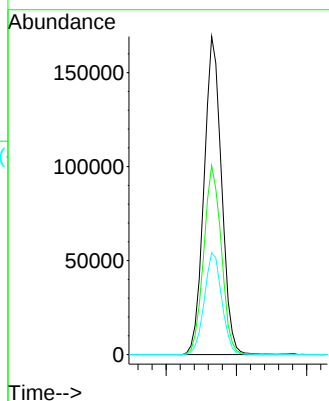
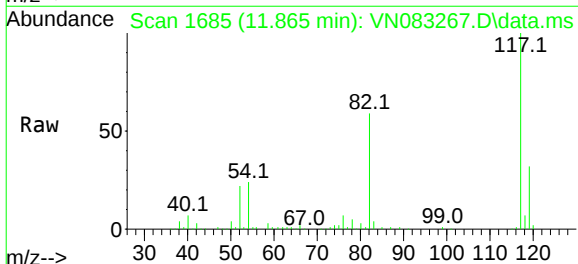
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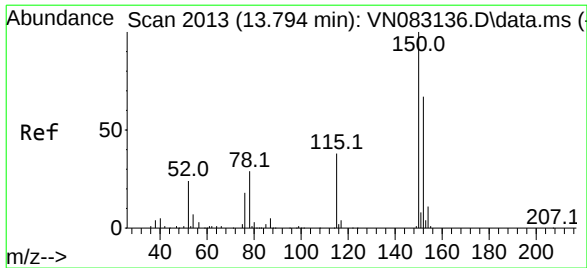
Tgt Ion: 95 Resp: 144885
Ion Ratio Lower Upper
95 100
174 68.6 0.0 159.2
176 66.7 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083267.D
Acq: 13 Aug 2024 18:57

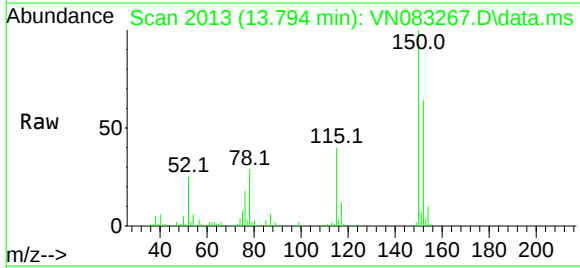
Tgt Ion: 117 Resp: 292948
Ion Ratio Lower Upper
117 100
82 59.4 47.5 71.3
119 32.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083267.D
 Acq: 13 Aug 2024 18:57

Instrument :
 MSVOA_N
 ClientSampleId :
 IN-SITU-SOIL



Tgt Ion:	152	Resp:	129857
Ion	Ratio	Lower	Upper
152	100		
115	63.9	30.6	91.6
150	158.5	0.0	348.6

