

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN043024\
 Data File : VN081932.D
 Acq On : 30 Apr 2024 15:41
 Operator : JC\MD
 Sample : P2283-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAV-SOIL-1

Quant Time: May 01 00:55:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

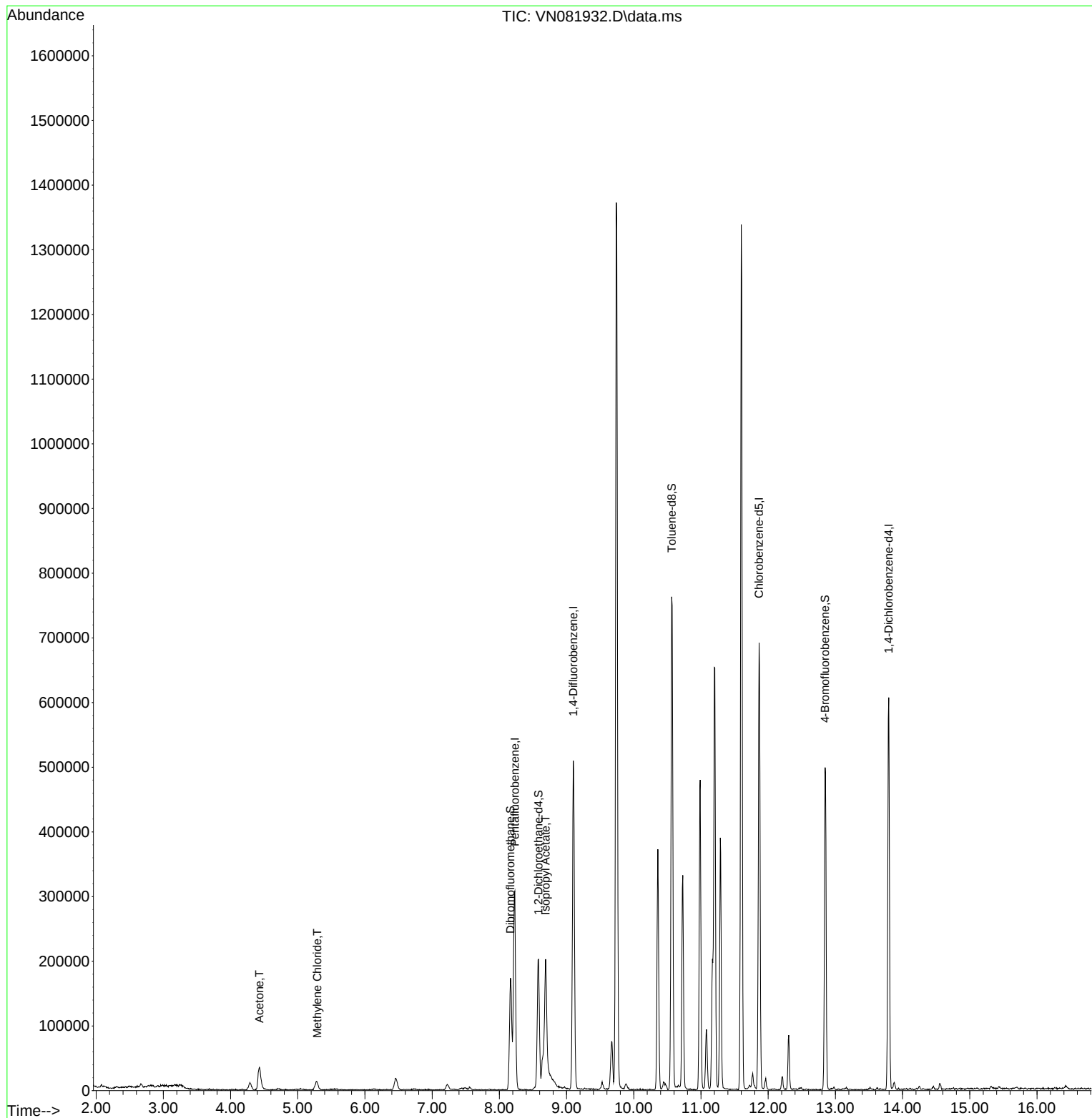
Internal Standards						
1) Pentafluorobenzene	8.230	168	213692	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	429876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	379124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	165134	45.787	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.580%
35) Dibromofluoromethane	8.165	113	124420	48.072	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.140%
50) Toluene-d8	10.565	98	526254	51.771	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.540%
62) 4-Bromofluorobenzene	12.847	95	183591	45.689	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	91.380%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	69330	60.871	ug/l	92
20) Methylene Chloride	5.289	84	9820	3.177	ug/l #	80
43) Isopropyl Acetate	8.688	43	312842	36.546	ug/l #	73

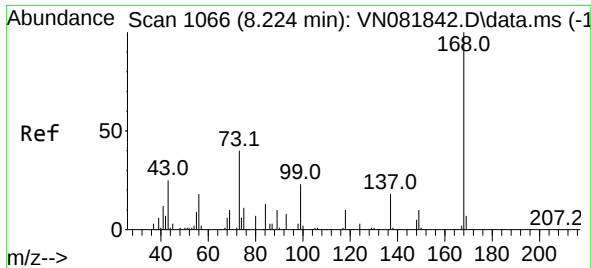
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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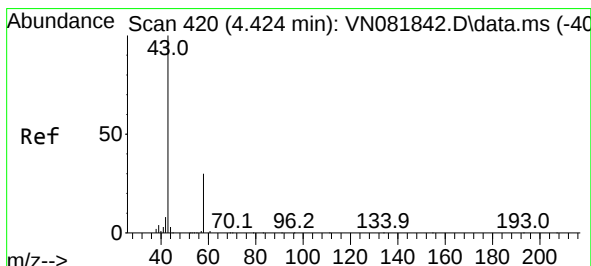
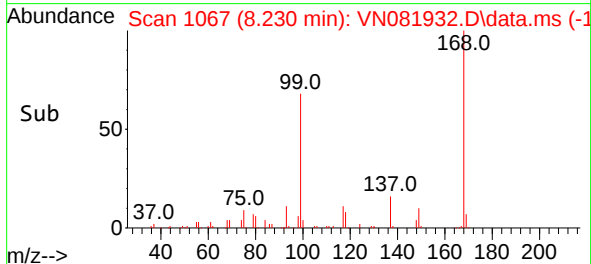
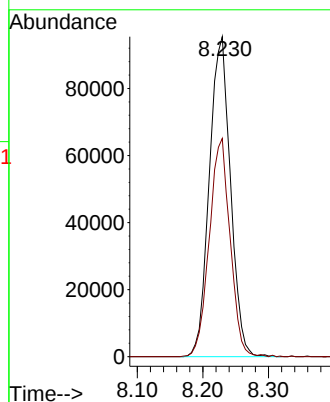
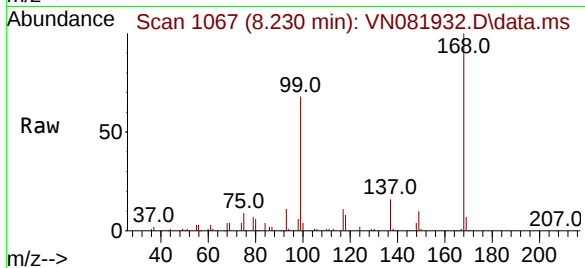




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081932.D
Acq: 30 Apr 2024 15:41

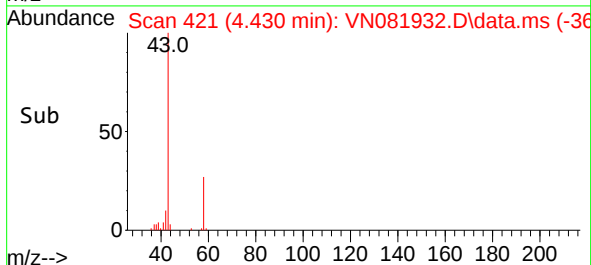
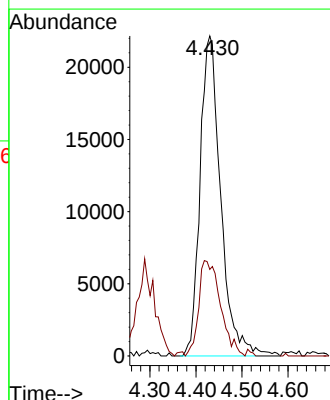
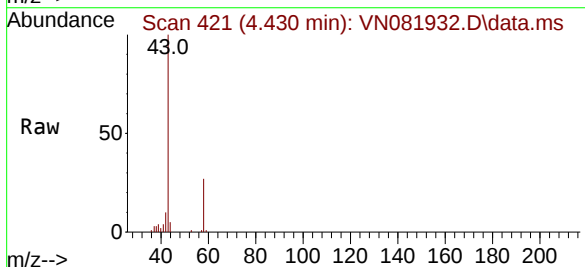
Instrument :
MSVOA_N
ClientSampleId :
EXCAV-SOIL-1

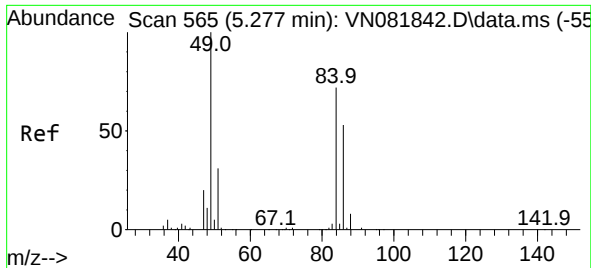
Tgt Ion:168 Resp: 213692
Ion Ratio Lower Upper
168 100
99 68.2 48.2 72.4



#16
Acetone
Concen: 60.871 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081932.D
Acq: 30 Apr 2024 15:41

Tgt Ion: 43 Resp: 69330
Ion Ratio Lower Upper
43 100
58 27.0 25.2 37.8

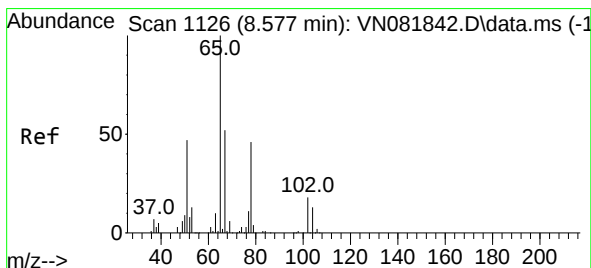
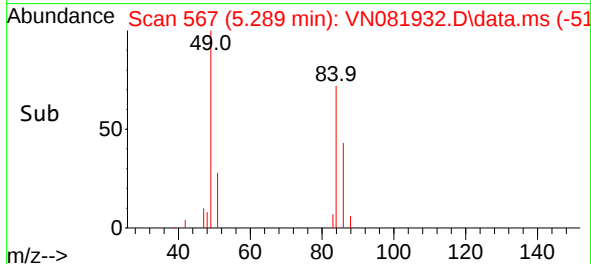
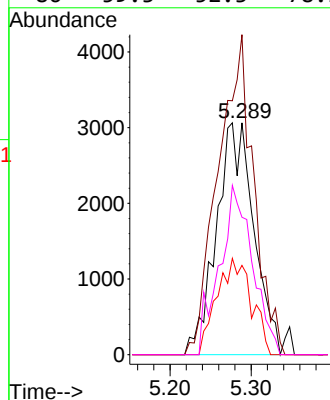
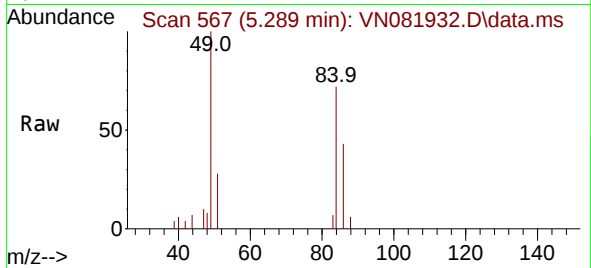




#20
Methylene Chloride
Concen: 3.177 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN081932.D
Acq: 30 Apr 2024 15:41

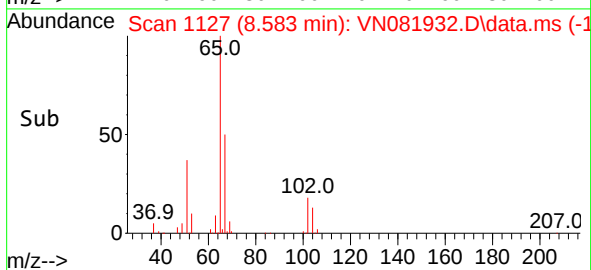
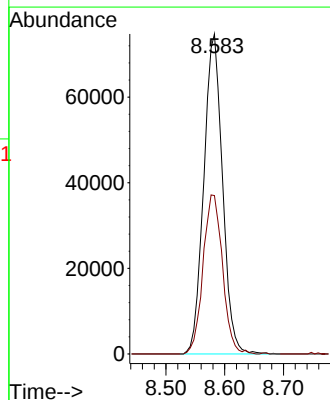
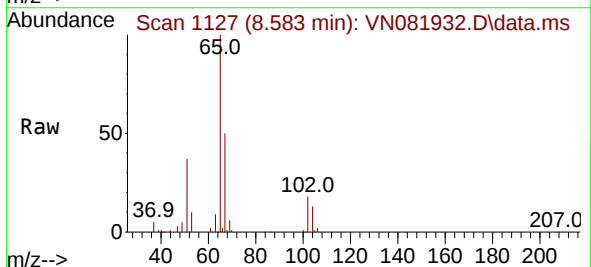
Instrument :
MSVOA_N
ClientSampleId :
EXCAV-SOIL-1

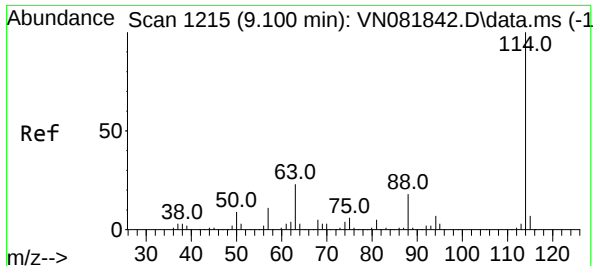
Tgt Ion: 84 Resp: 9820
Ion Ratio Lower Upper
84 100
49 138.0 84.9 127.3#
51 38.5 27.0 40.6
86 59.3 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 45.787 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081932.D
Acq: 30 Apr 2024 15:41

Tgt Ion: 65 Resp: 165134
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081932.D

Acq: 30 Apr 2024 15:41

Instrument :

MSVOA_N

ClientSampleId :

EXCAV-SOIL-1

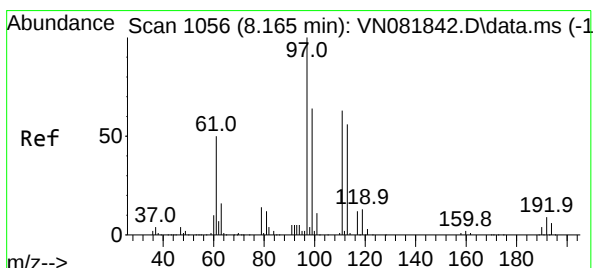
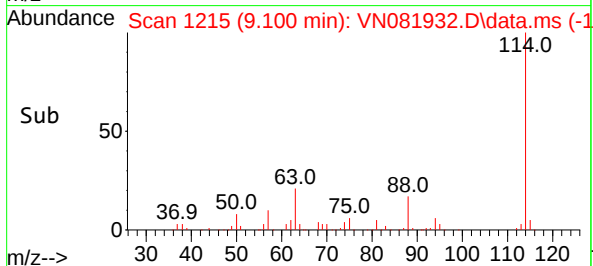
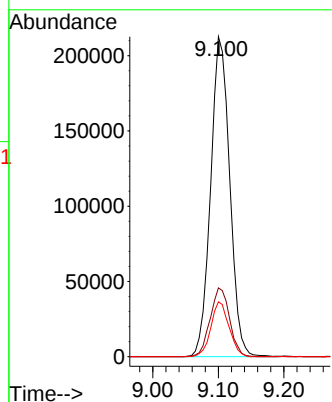
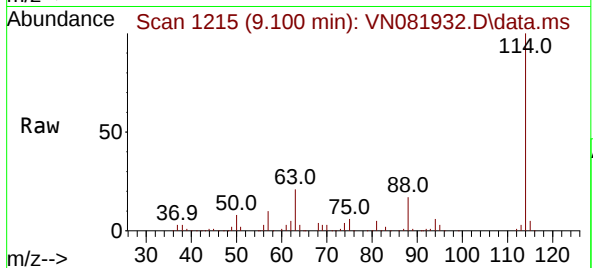
Tgt Ion:114 Resp: 429876

Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.0

88 17.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.072 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN081932.D

Acq: 30 Apr 2024 15:41

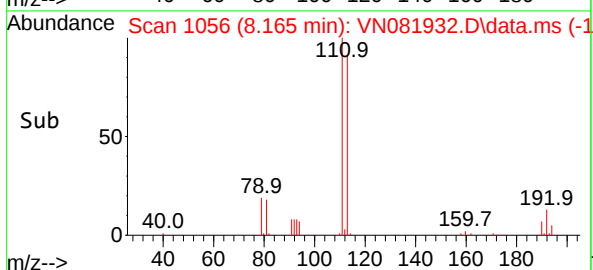
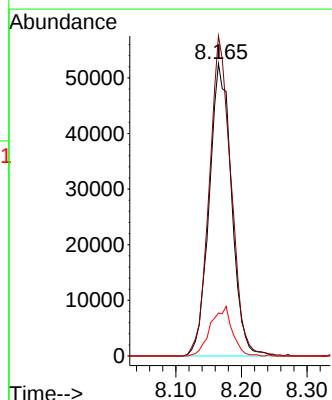
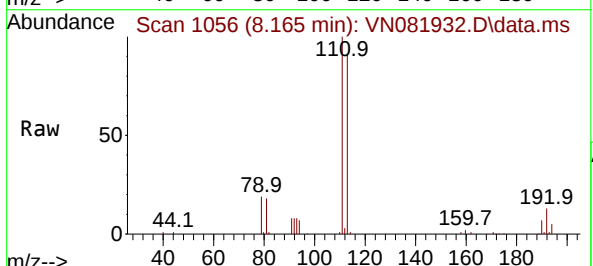
Tgt Ion:113 Resp: 124420

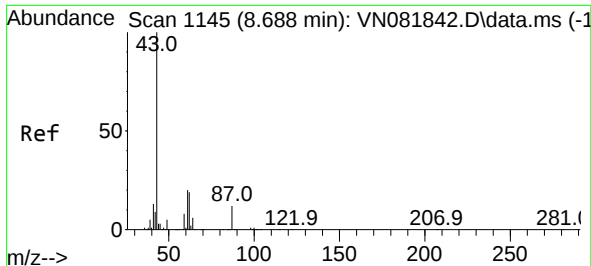
Ion Ratio Lower Upper

113 100

111 106.4 83.4 125.2

192 16.4 14.0 21.0

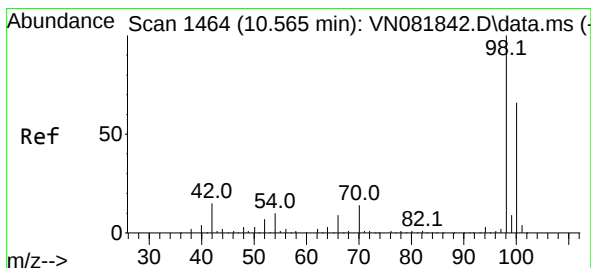
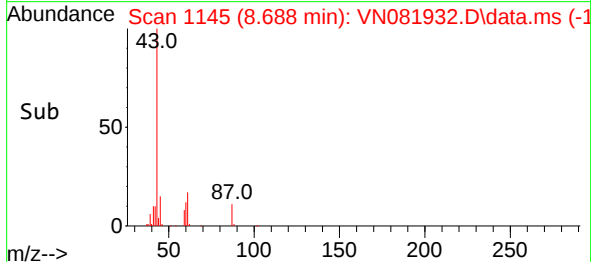
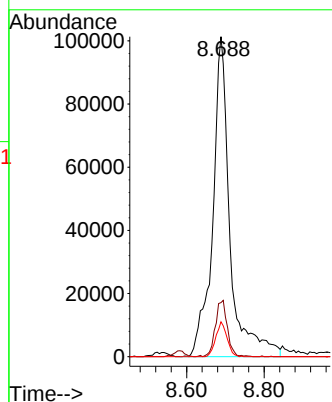
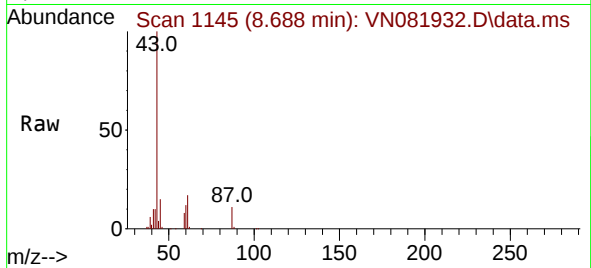




#43
Isopropyl Acetate
Concen: 36.546 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081932.D
Acq: 30 Apr 2024 15:41

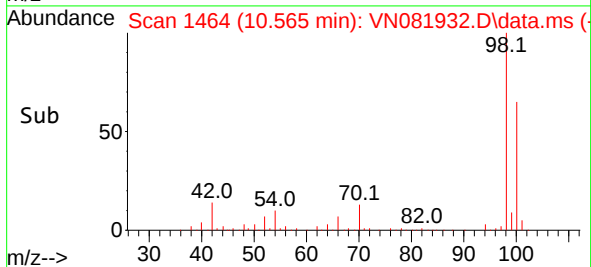
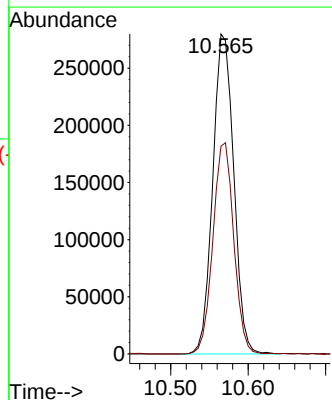
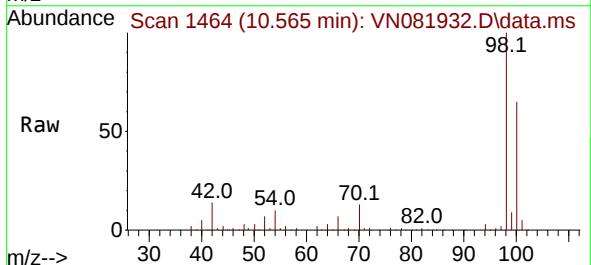
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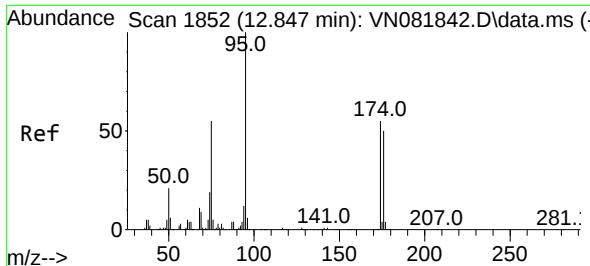
Tgt Ion: 43 Resp: 312842
Ion Ratio Lower Upper
43 100
61 12.3 22.8 34.2#
87 7.1 12.0 18.0#



#50
Toluene-d8
Concen: 51.771 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN081932.D
Acq: 30 Apr 2024 15:41

Tgt Ion: 98 Resp: 526254
Ion Ratio Lower Upper
98 100
100 65.7 51.8 77.6

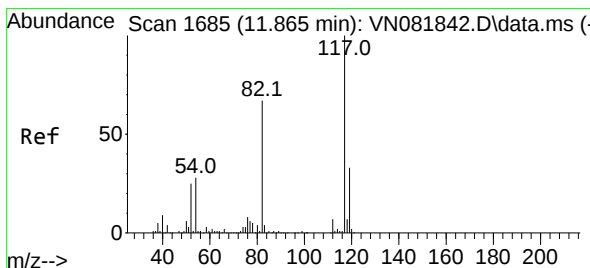
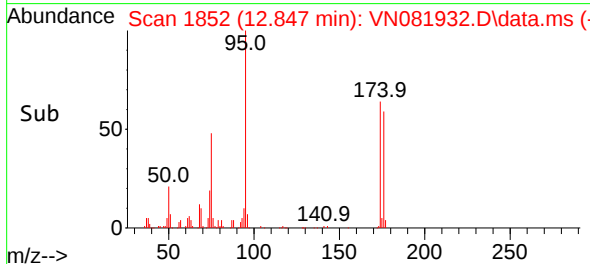
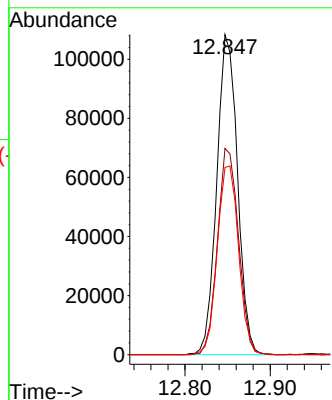
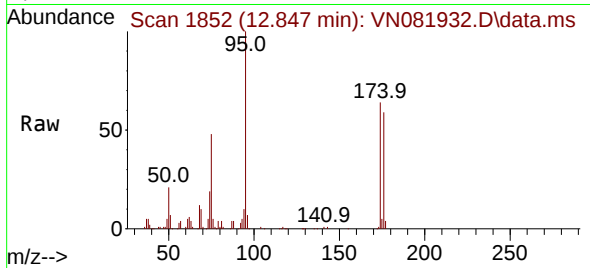




#62
4-Bromofluorobenzene
Concen: 45.689 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081932.D
Acq: 30 Apr 2024 15:41

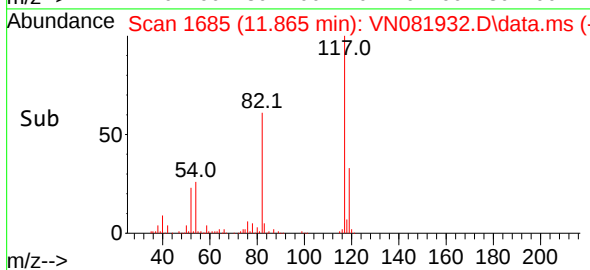
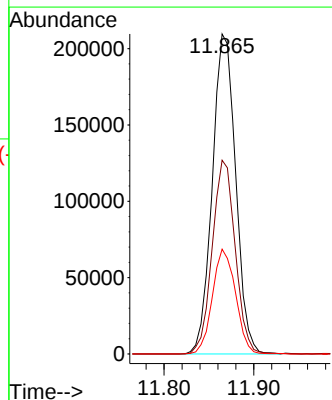
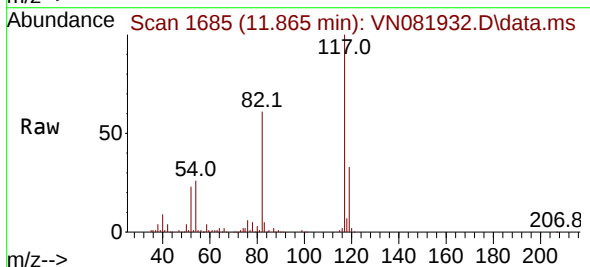
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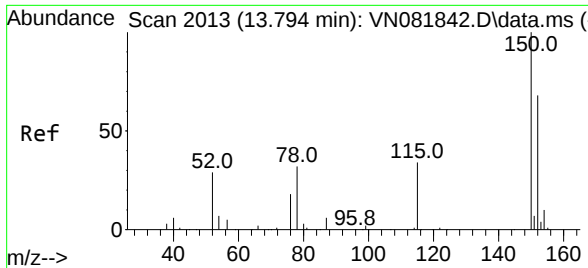
Tgt Ion: 95 Resp: 183591
Ion Ratio Lower Upper
95 100
174 65.3 0.0 160.6
176 60.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081932.D
Acq: 30 Apr 2024 15:41

Tgt Ion: 117 Resp: 379124
Ion Ratio Lower Upper
117 100
82 60.5 44.6 66.8
119 32.8 25.9 38.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081932.D
 Acq: 30 Apr 2024 15:41

Instrument :
 MSVOA_N
 ClientSampleId :
 EXCAV-SOIL-1

Tgt Ion:152 Resp: 150444
 Ion Ratio Lower Upper
 152 100
 115 66.3 30.4 91.3
 150 159.7 0.0 353.2

