

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075177.D
 Acq On : 04 Nov 2022 16:09
 Operator : JC\MD
 Sample : N5435-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PTS-SOIL-PILE-1103

Quant Time: Nov 05 07:00:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

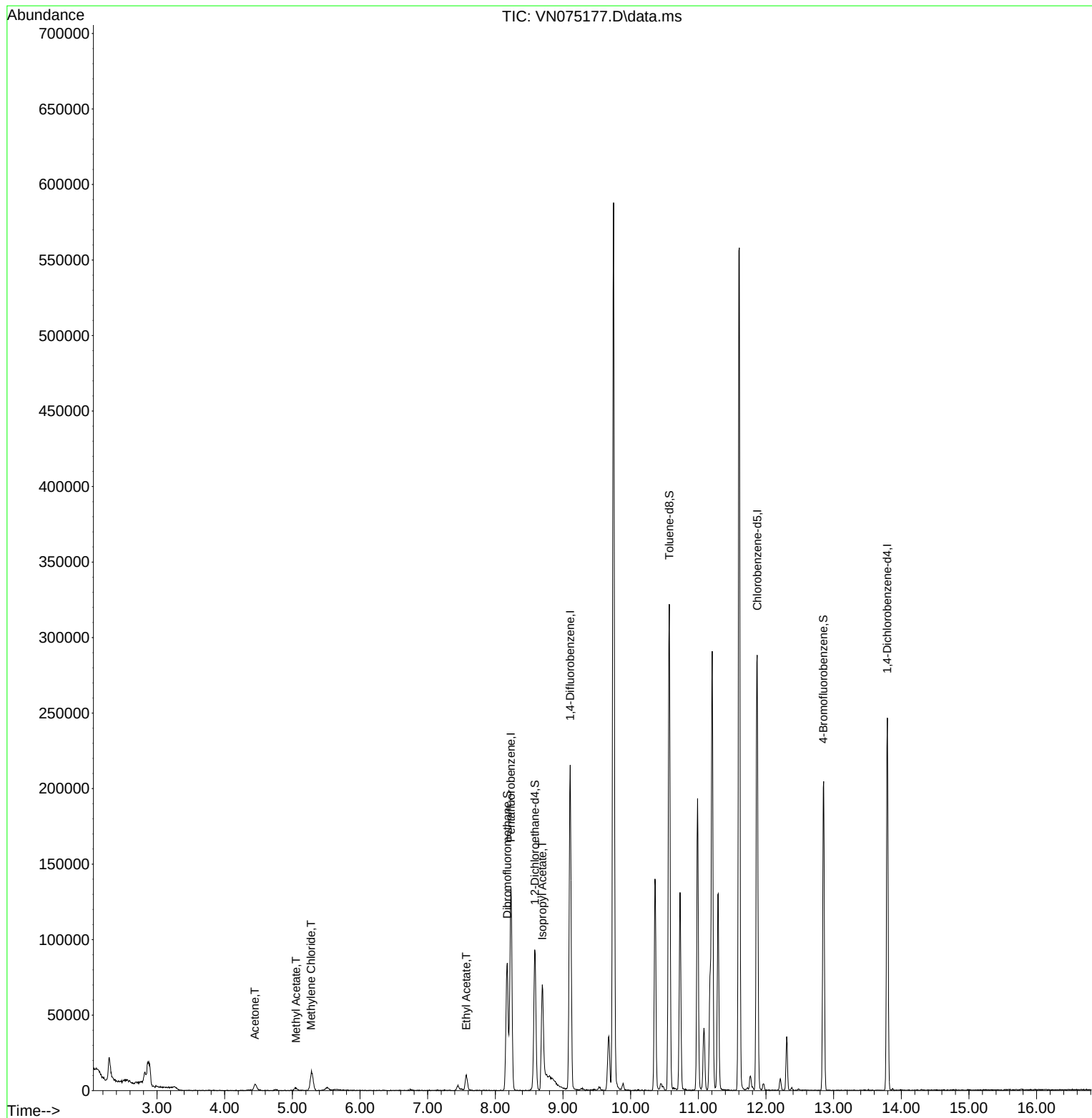
Internal Standards						
1) Pentafluorobenzene	8.229	168	91843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	184407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	169078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	65440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	77149	62.344	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.680%	
35) Dibromofluoromethane	8.177	113	59721	55.166	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 110.340%	
50) Toluene-d8	10.571	98	223250	53.154	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.300%	
62) 4-Bromofluorobenzene	12.847	95	70498	47.782	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.560%	
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	8483	16.190	ug/l #	88
18) Methyl Acetate	5.053	43	3434	2.006	ug/l	90
20) Methylene Chloride	5.277	84	10164	8.700	ug/l #	75
37) Ethyl Acetate	7.571	43	14733	8.016	ug/l	99
43) Isopropyl Acetate	8.694	43	85122	29.857	ug/l #	82

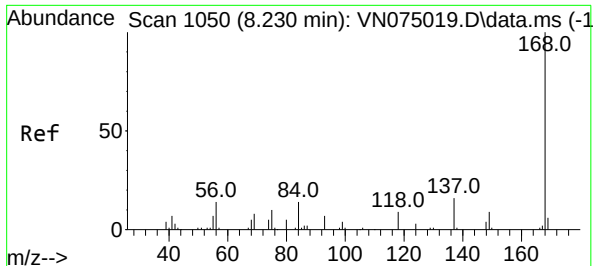
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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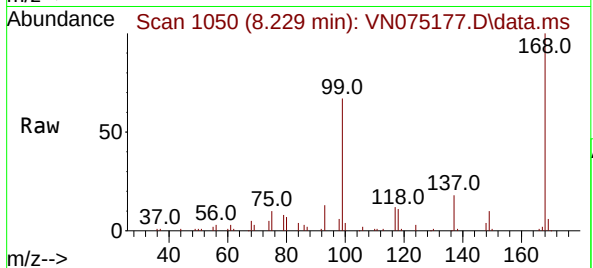
Quant Time: Nov 05 07:00:36 2022
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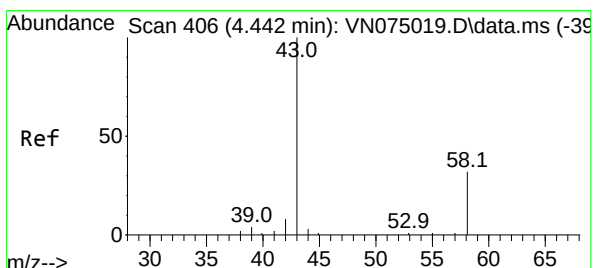
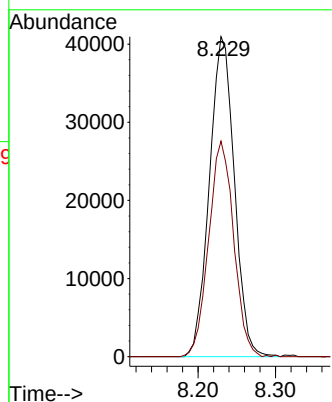
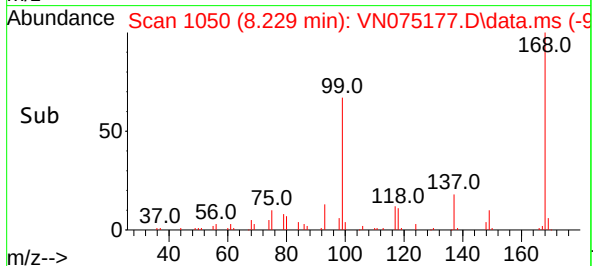


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075177.D
Acq: 04 Nov 2022 16:09

Instrument :
MSVOA_N
ClientSampleId :
PTS-SOIL-PILE-1103

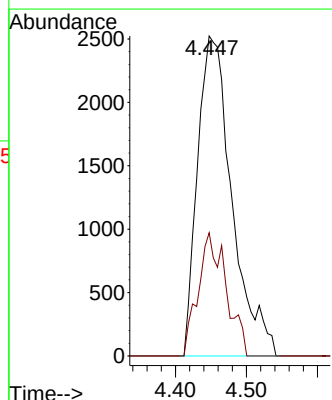
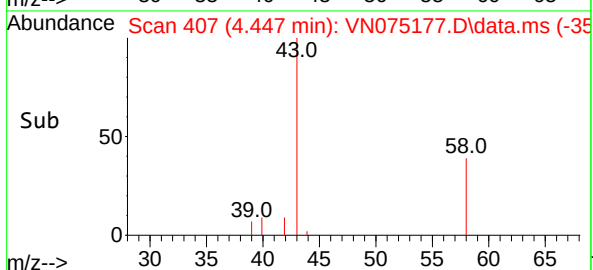
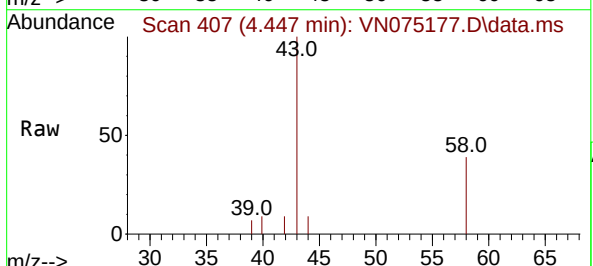


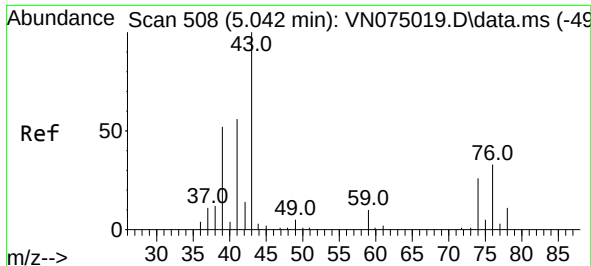
Tgt Ion:168 Resp: 91843
Ion Ratio Lower Upper
168 100
99 67.4 51.6 77.4



#16
Acetone
Concen: 16.190 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.005 min
Lab File: VN075177.D
Acq: 04 Nov 2022 16:09

Tgt Ion: 43 Resp: 8483
Ion Ratio Lower Upper
43 100
58 38.5 25.5 38.3#

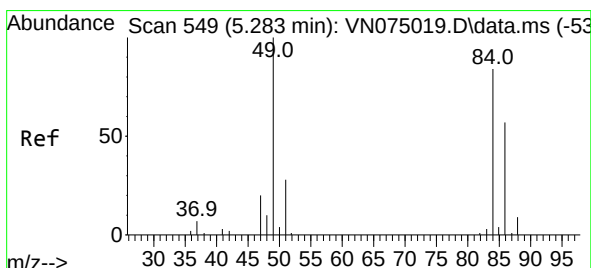
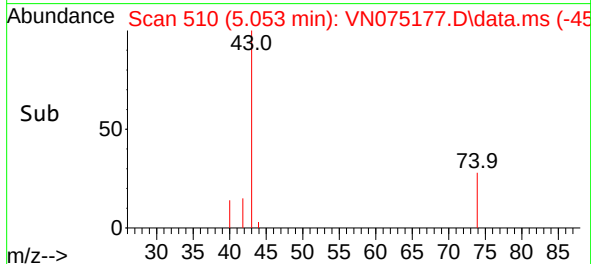
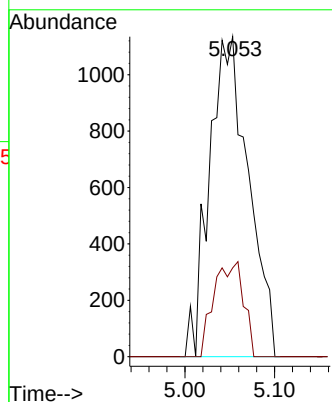
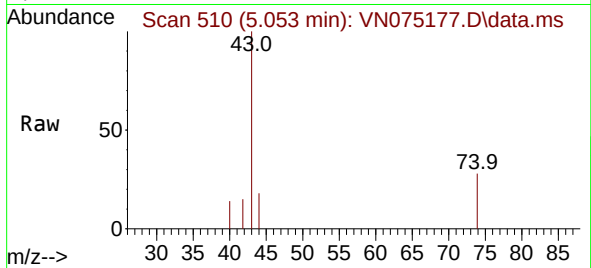




#18
Methyl Acetate
Concen: 2.006 ug/l
RT: 5.053 min Scan# 510
Delta R.T. 0.011 min
Lab File: VN075177.D
Acq: 04 Nov 2022 16:09

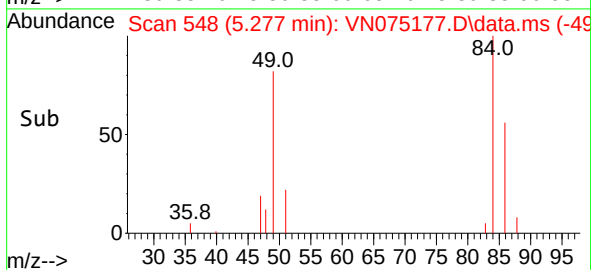
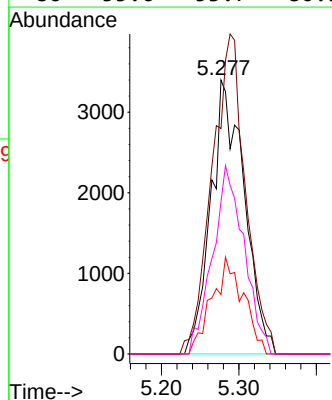
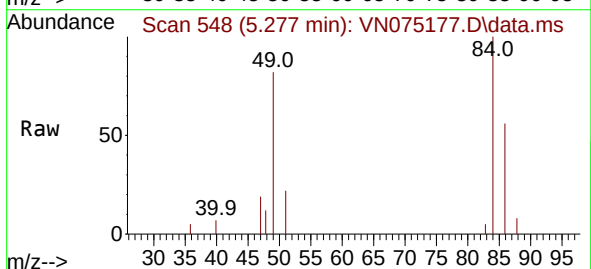
Instrument :
MSVOA_N
ClientSampleId :
PTS-SOIL-PILE-1103

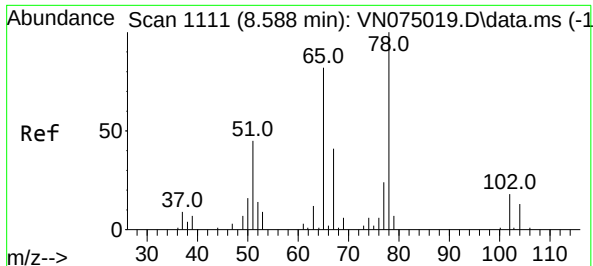
Tgt Ion: 43 Resp: 3434
Ion Ratio Lower Upper
43 100
74 22.5 22.0 33.0



#20
Methylene Chloride
Concen: 8.700 ug/l
RT: 5.277 min Scan# 548
Delta R.T. -0.006 min
Lab File: VN075177.D
Acq: 04 Nov 2022 16:09

Tgt Ion: 84 Resp: 10164
Ion Ratio Lower Upper
84 100
49 82.3 94.9 142.3#
51 21.7 26.8 40.2#
86 55.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 62.344 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075177.D

Acq: 04 Nov 2022 16:09

Instrument :

MSVOA_N

ClientSampleId :

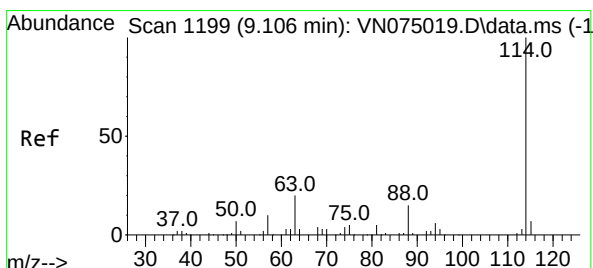
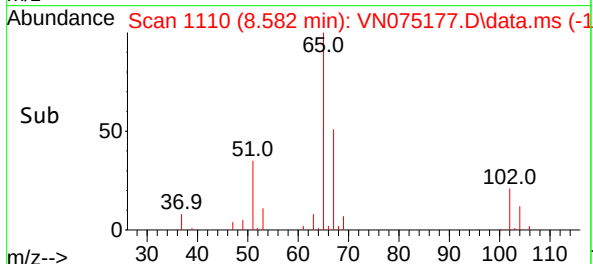
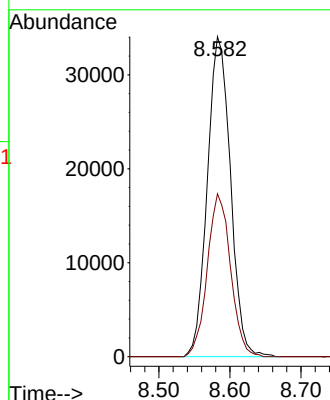
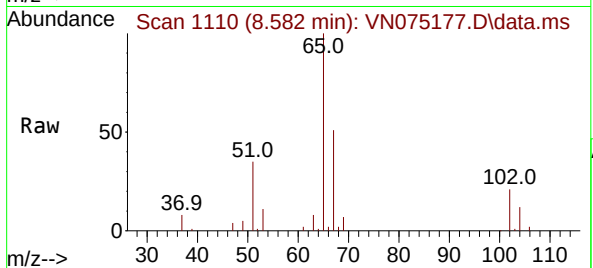
PTS-SOIL-PILE-1103

Tgt Ion: 65 Resp: 77149

Ion Ratio Lower Upper

65 100

67 51.1 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075177.D

Acq: 04 Nov 2022 16:09

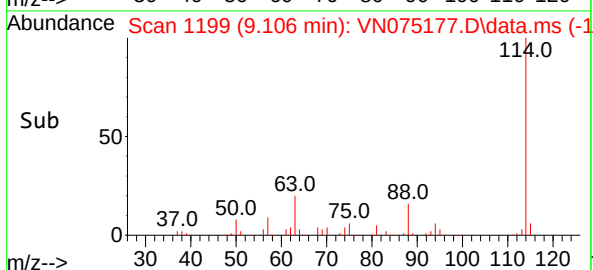
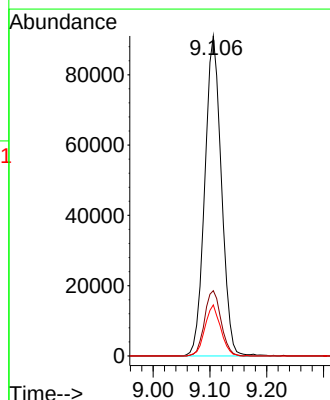
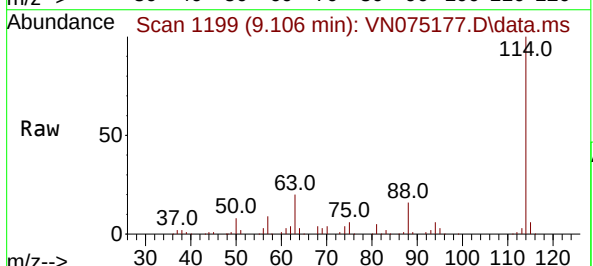
Tgt Ion: 114 Resp: 184407

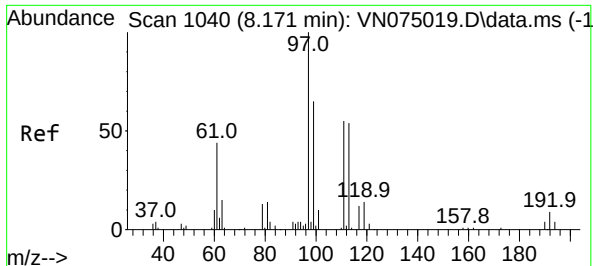
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 16.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 55.166 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075177.D

Acq: 04 Nov 2022 16:09

Instrument :

MSVOA_N

ClientSampleId :

PTS-SOIL-PILE-1103

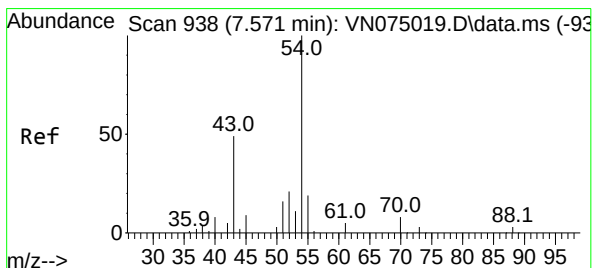
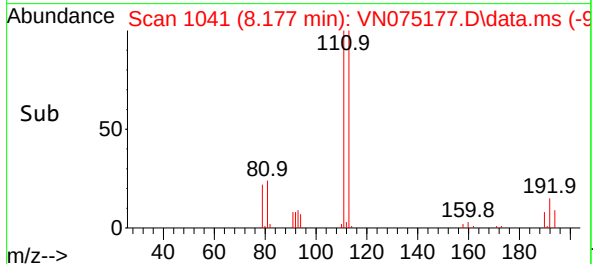
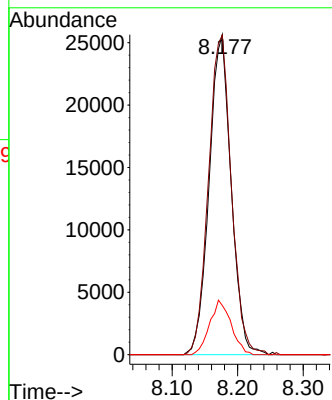
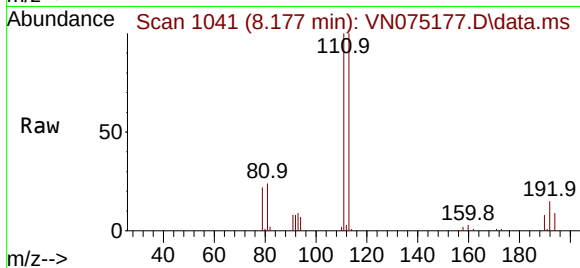
Tgt Ion:113 Resp: 59721

Ion Ratio Lower Upper

113 100

111 103.7 80.5 120.7

192 16.6 13.2 19.8



#37

Ethyl Acetate

Concen: 8.016 ug/l

RT: 7.571 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN075177.D

Acq: 04 Nov 2022 16:09

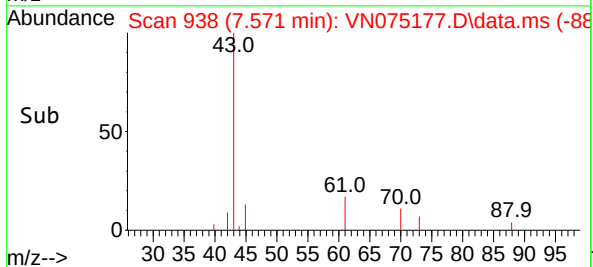
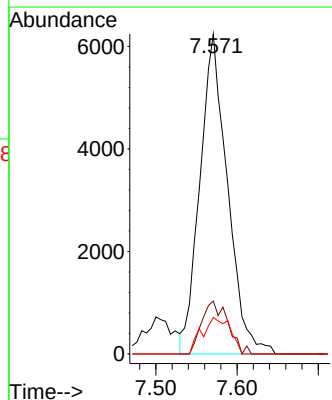
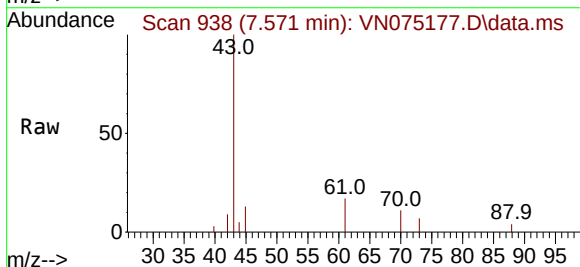
Tgt Ion: 43 Resp: 14733

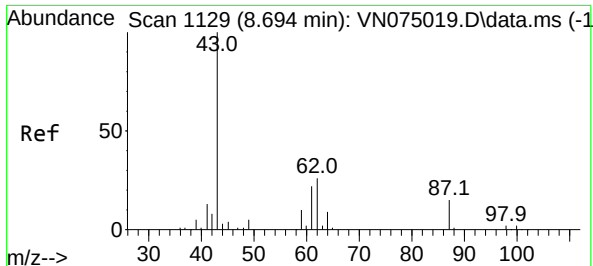
Ion Ratio Lower Upper

43 100

61 15.6 12.2 18.4

70 11.7 9.4 14.2





#43

Isopropyl Acetate

Concen: 29.857 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075177.D

Acq: 04 Nov 2022 16:09

Instrument :

MSVOA_N

ClientSampleId :

PTS-SOIL-PILE-1103

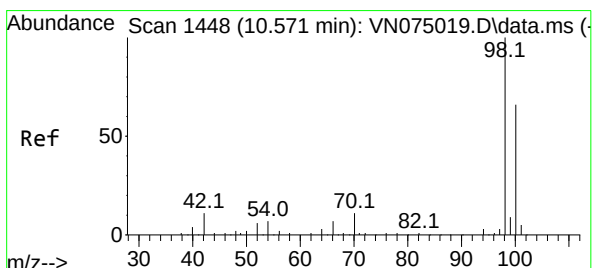
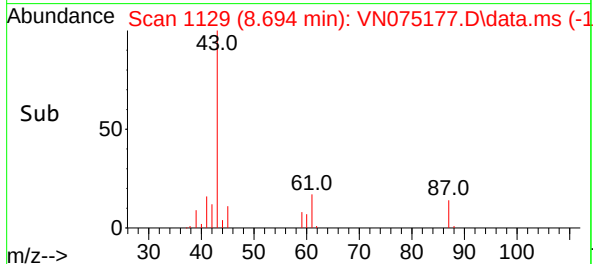
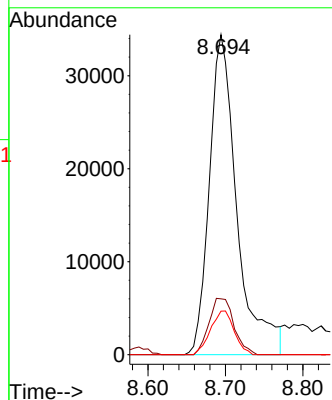
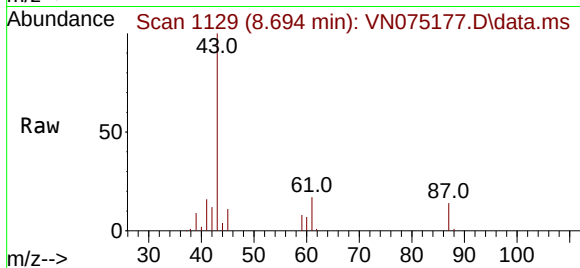
Tgt Ion: 43 Resp: 85122

Ion Ratio Lower Upper

43 100

61 15.9 22.4 33.6#

87 11.7 12.5 18.7#



#50

Toluene-d8

Concen: 53.154 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075177.D

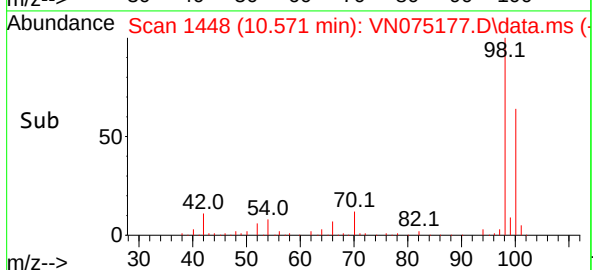
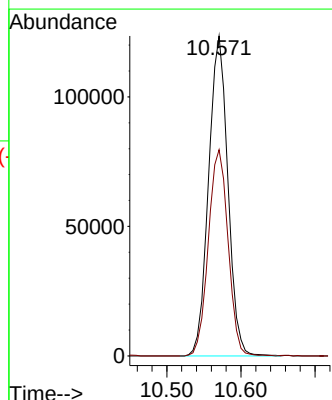
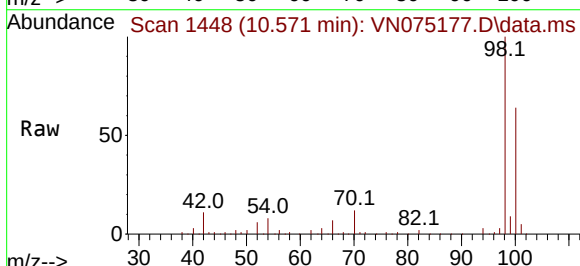
Acq: 04 Nov 2022 16:09

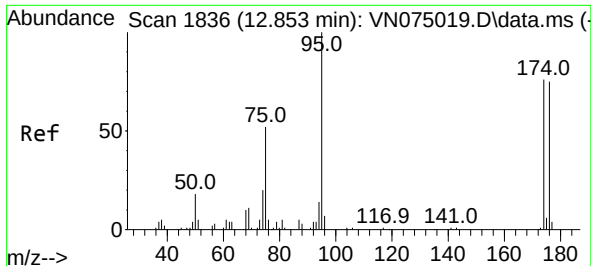
Tgt Ion: 98 Resp: 223250

Ion Ratio Lower Upper

98 100

100 65.9 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 47.782 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VN075177.D

Acq: 04 Nov 2022 16:09

Instrument :

MSVOA_N

ClientSampleId :

PTS-SOIL-PILE-1103

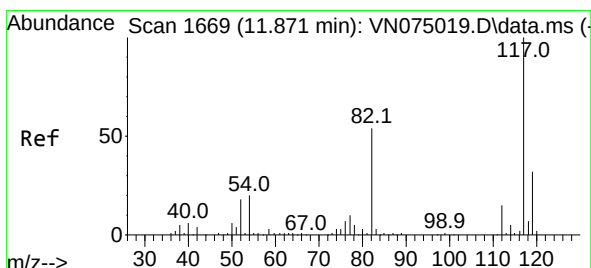
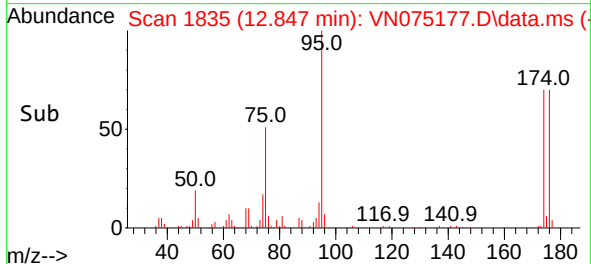
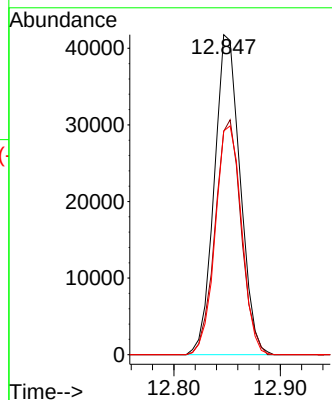
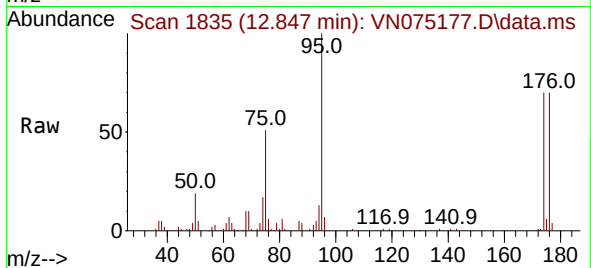
Tgt Ion: 95 Resp: 70498

Ion Ratio Lower Upper

95 100

174 73.8 0.0 147.4

176 72.5 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. -0.001 min

Lab File: VN075177.D

Acq: 04 Nov 2022 16:09

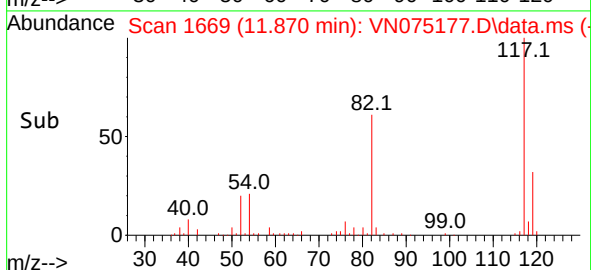
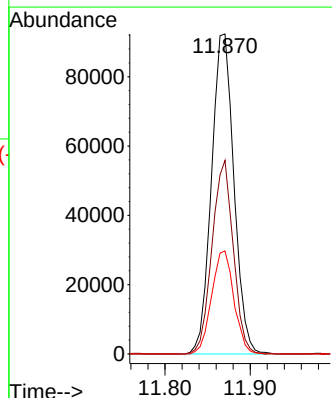
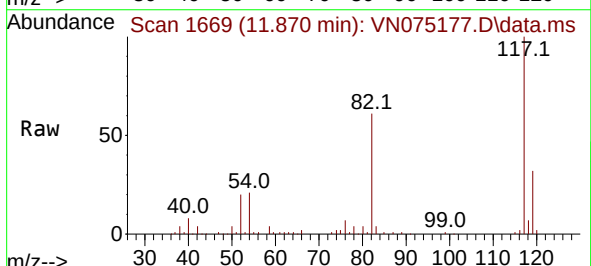
Tgt Ion: 117 Resp: 169078

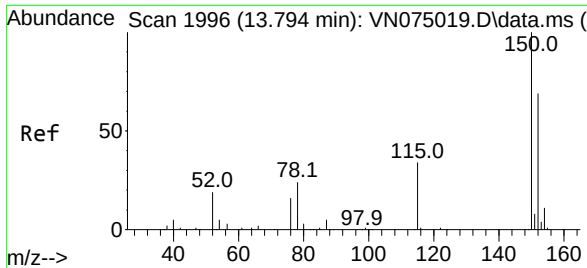
Ion Ratio Lower Upper

117 100

82 60.5 43.1 64.7

119 32.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075177.D
 Acq: 04 Nov 2022 16:09

Instrument :
 MSVOA_N
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 PTS-SOIL-PILE-1103

Tgt Ion:152 Resp: 65440
 Ion Ratio Lower Upper
 152 100
 115 61.8 30.2 90.6
 150 153.6 0.0 348.4

