

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110422\
 Data File : VN075178.D
 Acq On : 04 Nov 2022 16:33
 Operator : JC\MD
 Sample : N5451-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LFR-SOIL-1103

Quant Time: Nov 05 07:00:56 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)

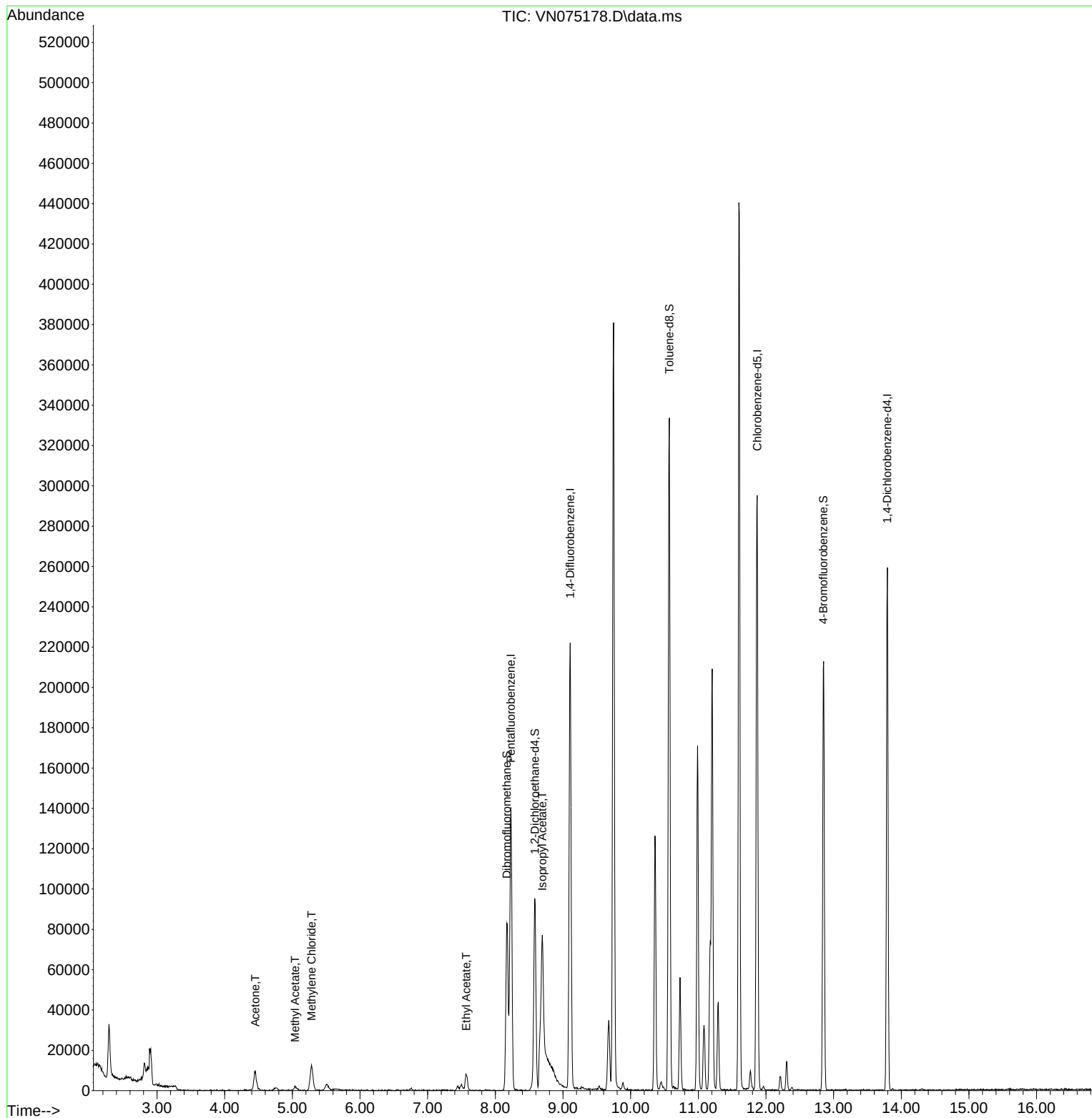
Internal Standards						
1) Pentafluorobenzene	8.230	168	96857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	191294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	174812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67147	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	78460	60.121	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.240%			
35) Dibromofluoromethane	8.171	113	59930	53.366	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.740%			
50) Toluene-d8	10.571	98	234925	53.920	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.840%			
62) 4-Bromofluorobenzene	12.847	95	73575	48.073	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.140%			
Target Compounds						Qvalue
16) Acetone	4.453	43	17867	32.334	ug/l	97
18) Methyl Acetate	5.042	43	4205	2.330	ug/l #	83
20) Methylene Chloride	5.283	84	10146	8.235	ug/l	93
37) Ethyl Acetate	7.571	43	12768	6.696	ug/l #	93
43) Isopropyl Acetate	8.694	43	113048	38.224	ug/l #	73

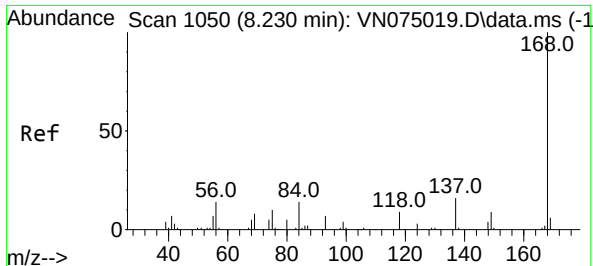
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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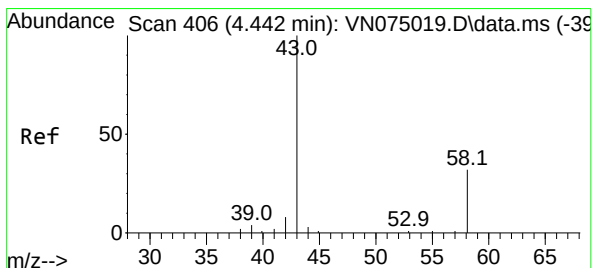
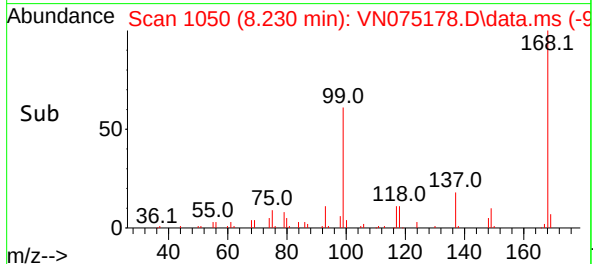
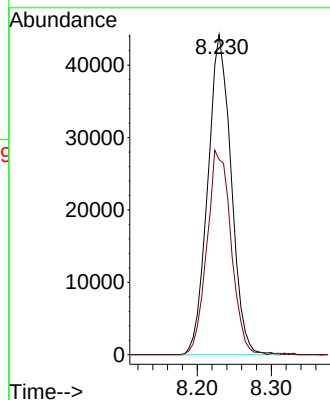
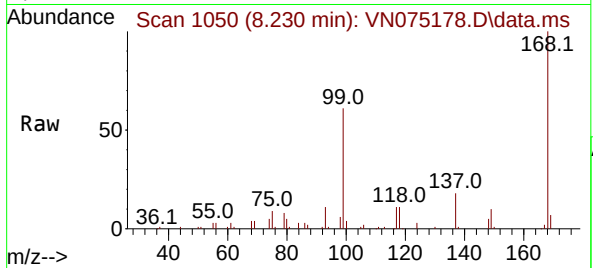




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075178.D
Acq: 04 Nov 2022 16:33

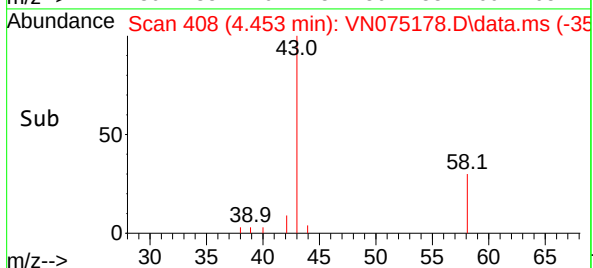
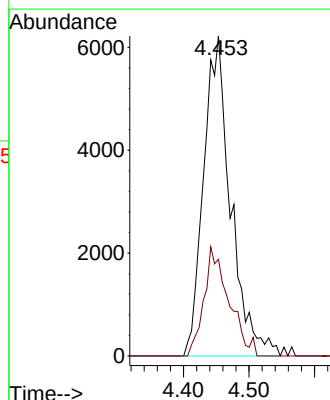
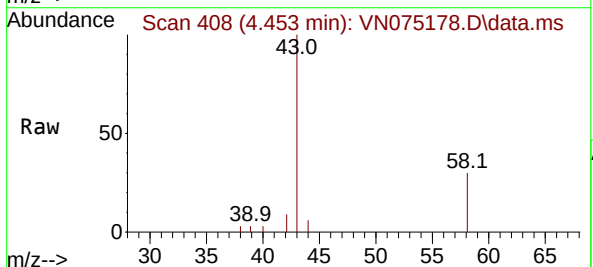
Instrument :
MSVOA_N
ClientSampleId :
LFR-SOIL-1103

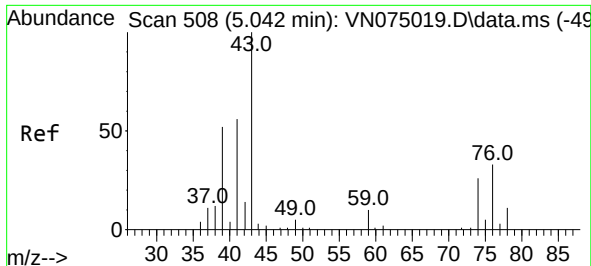
Tgt Ion:168 Resp: 96857
Ion Ratio Lower Upper
168 100
99 61.0 51.6 77.4



#16
Acetone
Concen: 32.334 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.011 min
Lab File: VN075178.D
Acq: 04 Nov 2022 16:33

Tgt Ion: 43 Resp: 17867
Ion Ratio Lower Upper
43 100
58 30.3 25.5 38.3

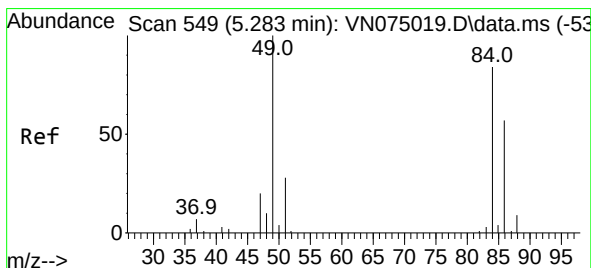
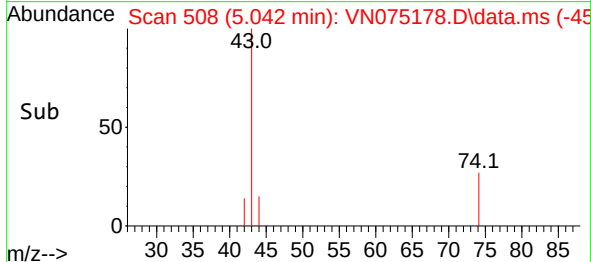
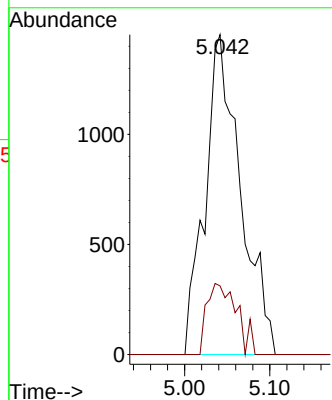
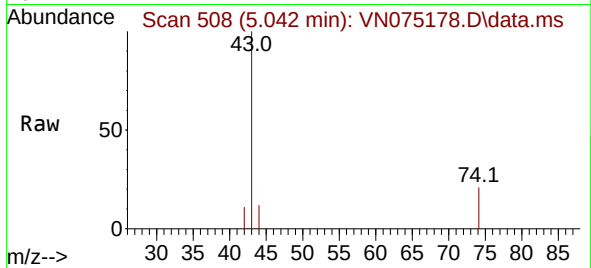




#18
Methyl Acetate
Concen: 2.330 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075178.D
Acq: 04 Nov 2022 16:33

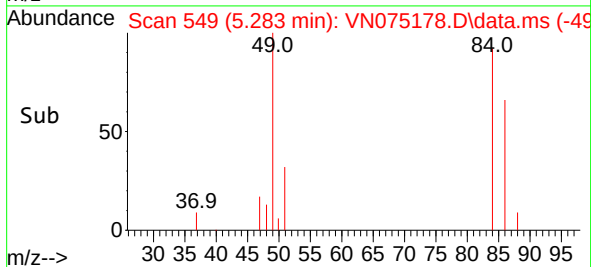
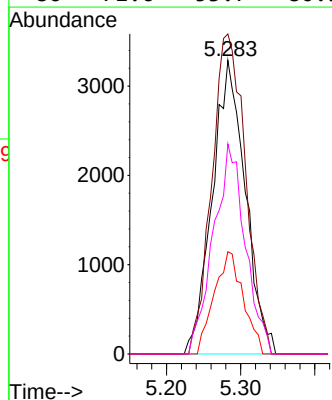
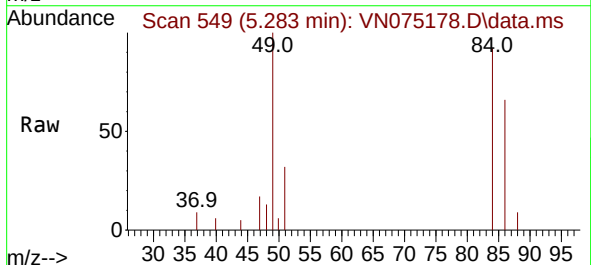
Instrument :
MSVOA_N
ClientSampleId :
LFR-SOIL-1103

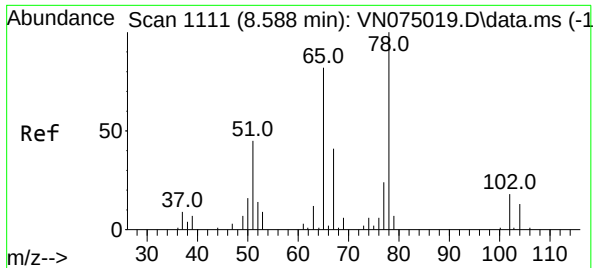
Tgt Ion: 43 Resp: 4205
Ion Ratio Lower Upper
43 100
74 18.7 22.0 33.0#



#20
Methylene Chloride
Concen: 8.235 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.000 min
Lab File: VN075178.D
Acq: 04 Nov 2022 16:33

Tgt Ion: 84 Resp: 10146
Ion Ratio Lower Upper
84 100
49 109.0 94.9 142.3
51 34.8 26.8 40.2
86 71.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 60.121 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075178.D

Acq: 04 Nov 2022 16:33

Instrument :

MSVOA_N

ClientSampleId :

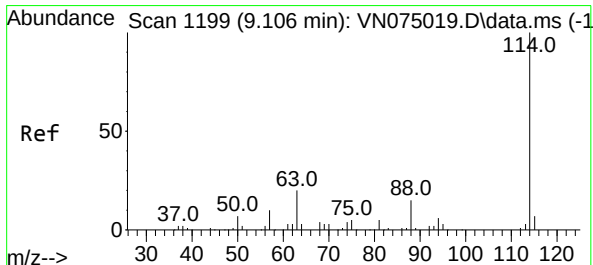
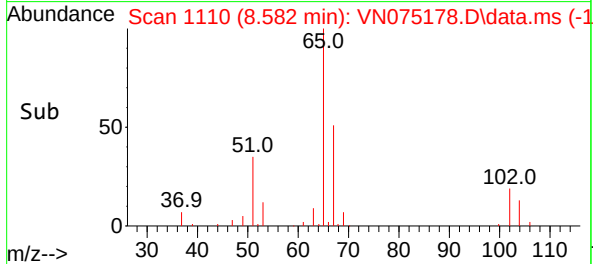
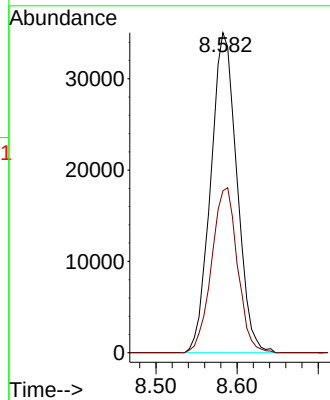
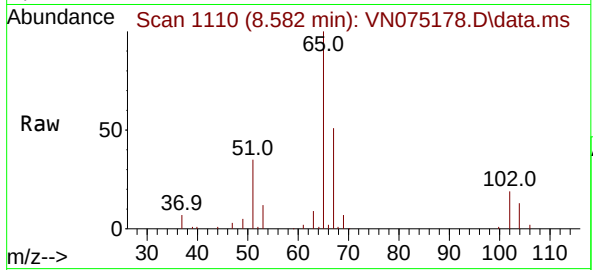
LFR-SOIL-1103

Tgt Ion: 65 Resp: 78460

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: VN075178.D

Acq: 04 Nov 2022 16:33

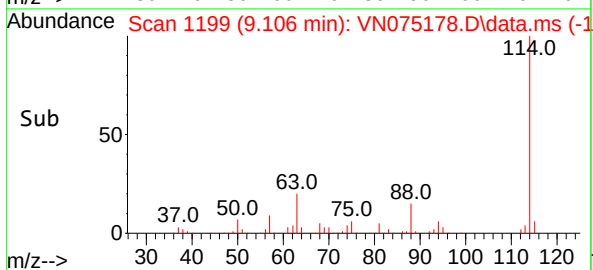
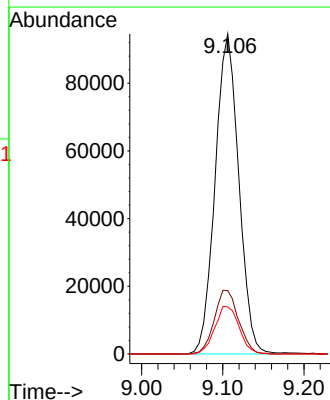
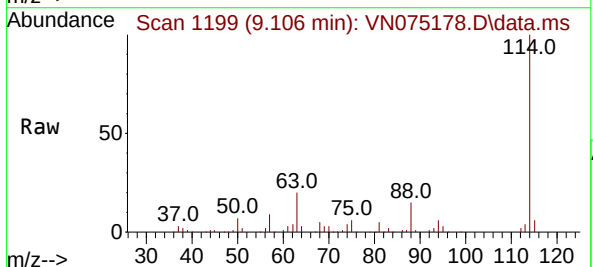
Tgt Ion: 114 Resp: 191294

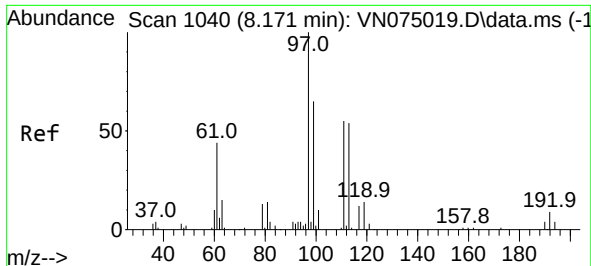
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 14.7 0.0 29.0





#35

Dibromofluoromethane

Concen: 53.366 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075178.D

Acq: 04 Nov 2022 16:33

Instrument :

MSVOA_N

ClientSampleId :

LFR-SOIL-1103

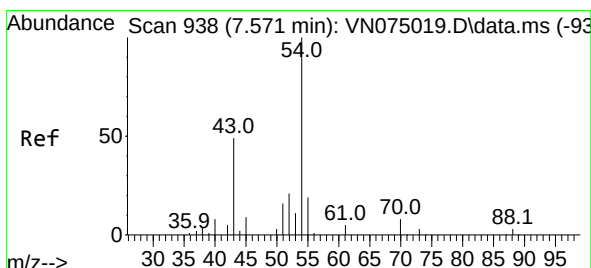
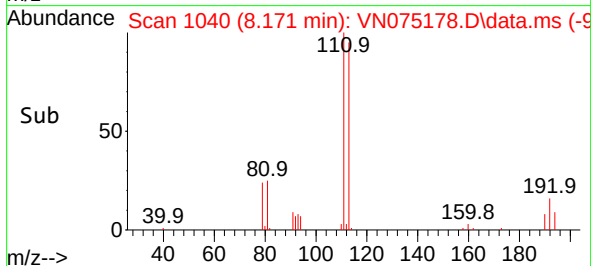
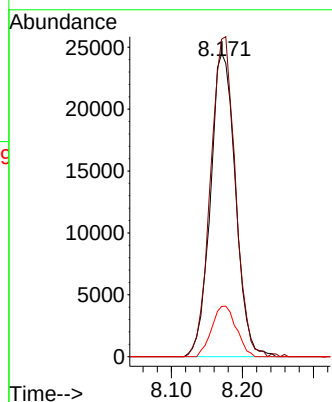
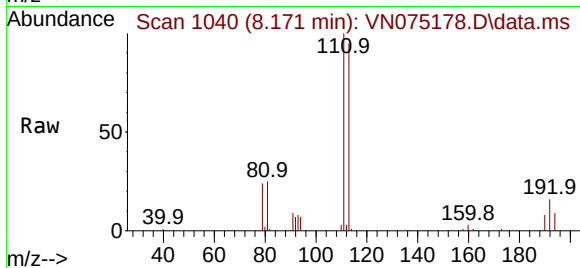
Tgt Ion:113 Resp: 59930

Ion Ratio Lower Upper

113 100

111 104.7 80.5 120.7

192 16.3 13.2 19.8



#37

Ethyl Acetate

Concen: 6.696 ug/l

RT: 7.571 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN075178.D

Acq: 04 Nov 2022 16:33

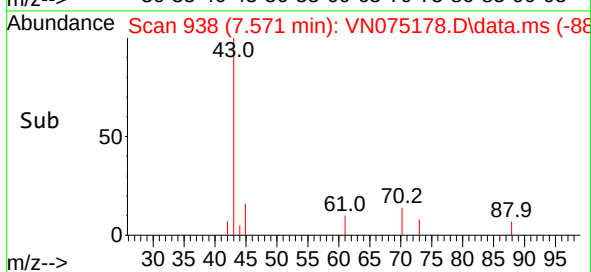
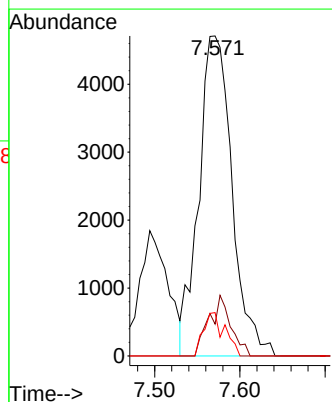
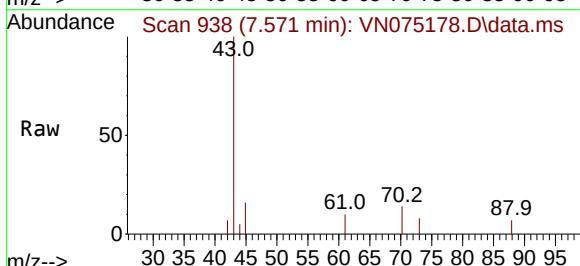
Tgt Ion: 43 Resp: 12768

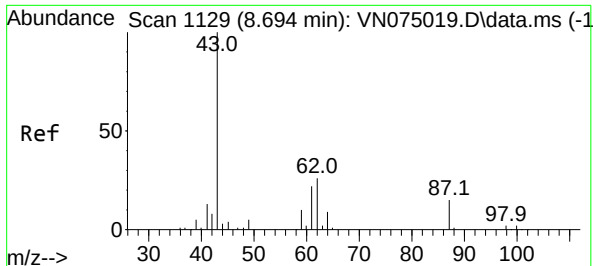
Ion Ratio Lower Upper

43 100

61 12.5 12.2 18.4

70 8.7 9.4 14.2#





#43

Isopropyl Acetate

Concen: 38.224 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN075178.D

Acq: 04 Nov 2022 16:33

Instrument :

MSVOA_N

ClientSampleId :

LFR-SOIL-1103

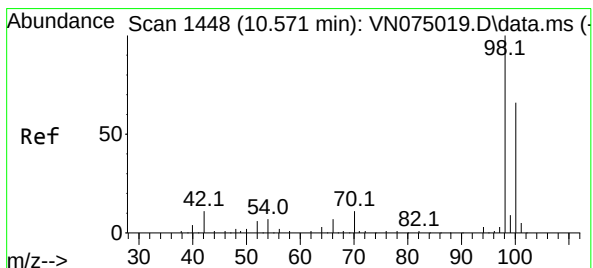
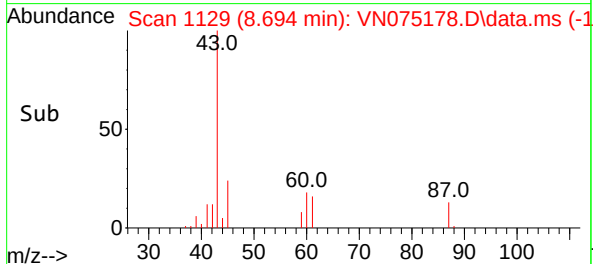
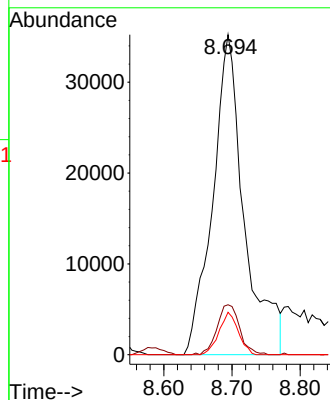
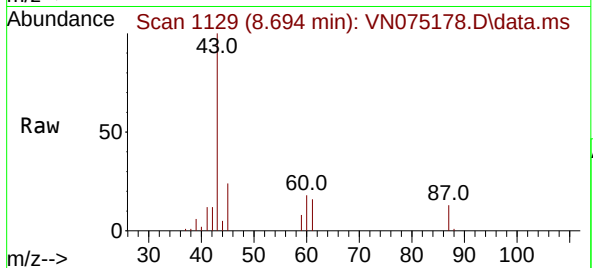
Tgt Ion: 43 Resp: 113048

Ion Ratio Lower Upper

43 100

61 11.2 22.4 33.6#

87 8.1 12.5 18.7#



#50

Toluene-d8

Concen: 53.920 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075178.D

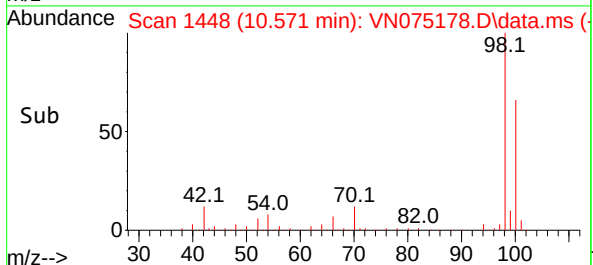
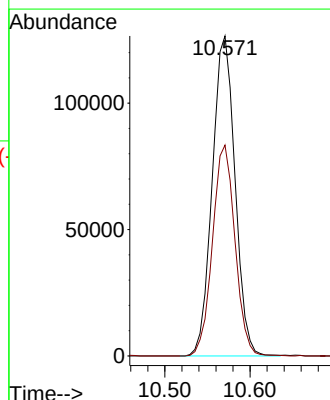
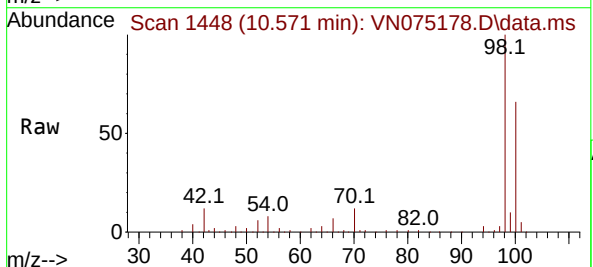
Acq: 04 Nov 2022 16:33

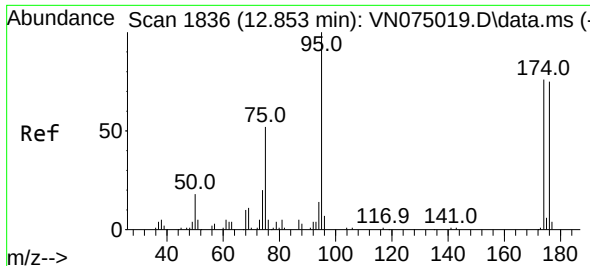
Tgt Ion: 98 Resp: 234925

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6

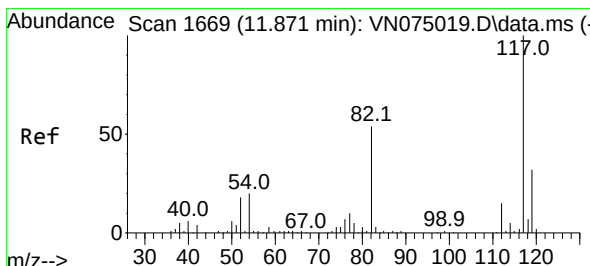
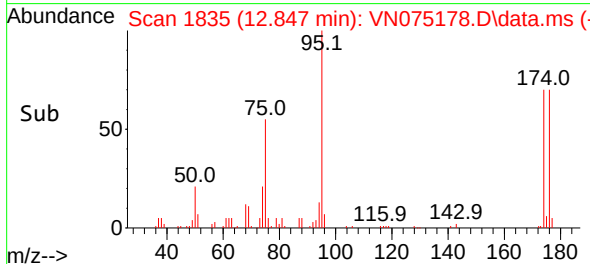
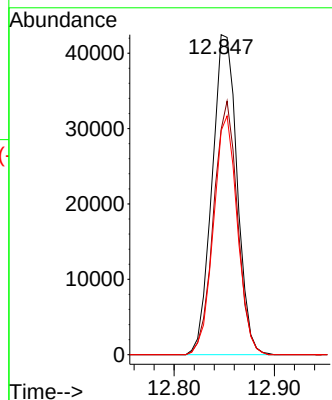
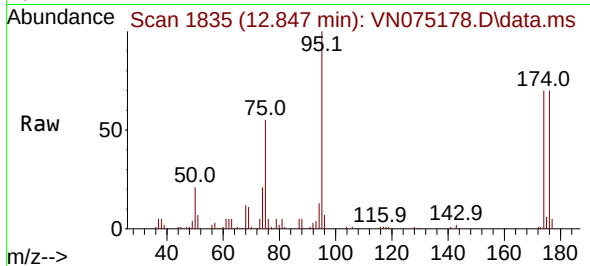




#62
4-Bromofluorobenzene
Concen: 48.073 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075178.D
Acq: 04 Nov 2022 16:33

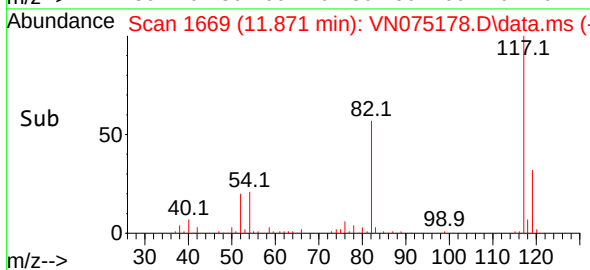
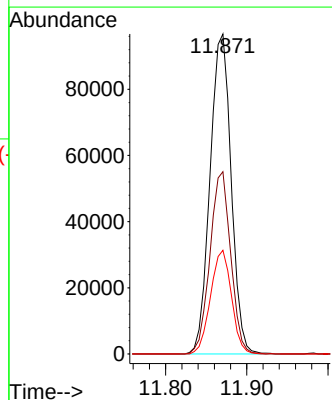
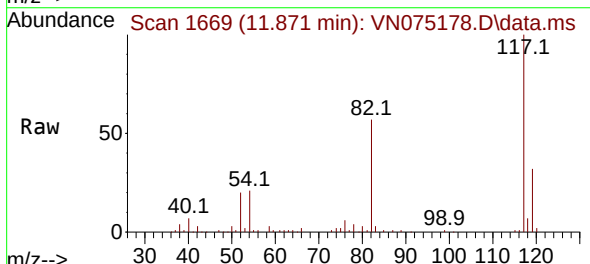
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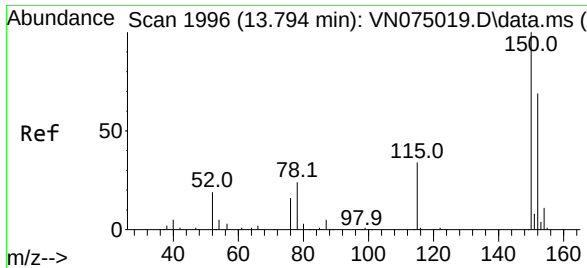
Tgt Ion: 95 Resp: 73575
Ion Ratio Lower Upper
95 100
174 75.5 0.0 147.4
176 71.4 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VN075178.D
Acq: 04 Nov 2022 16:33

Tgt Ion: 117 Resp: 174812
Ion Ratio Lower Upper
117 100
82 57.0 43.1 64.7
119 32.4 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: VN075178.D
 Acq: 04 Nov 2022 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 LFR-SOIL-1103

Tgt Ion:152 Resp: 67147
 Ion Ratio Lower Upper
 152 100
 115 63.5 30.2 90.6
 150 160.7 0.0 348.4

