

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007228.D
 Acq On : 19 Jan 2022 18:15
 Operator : SY/MD
 Sample : N1189-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-4

Quant Time: Jan 20 00:17:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

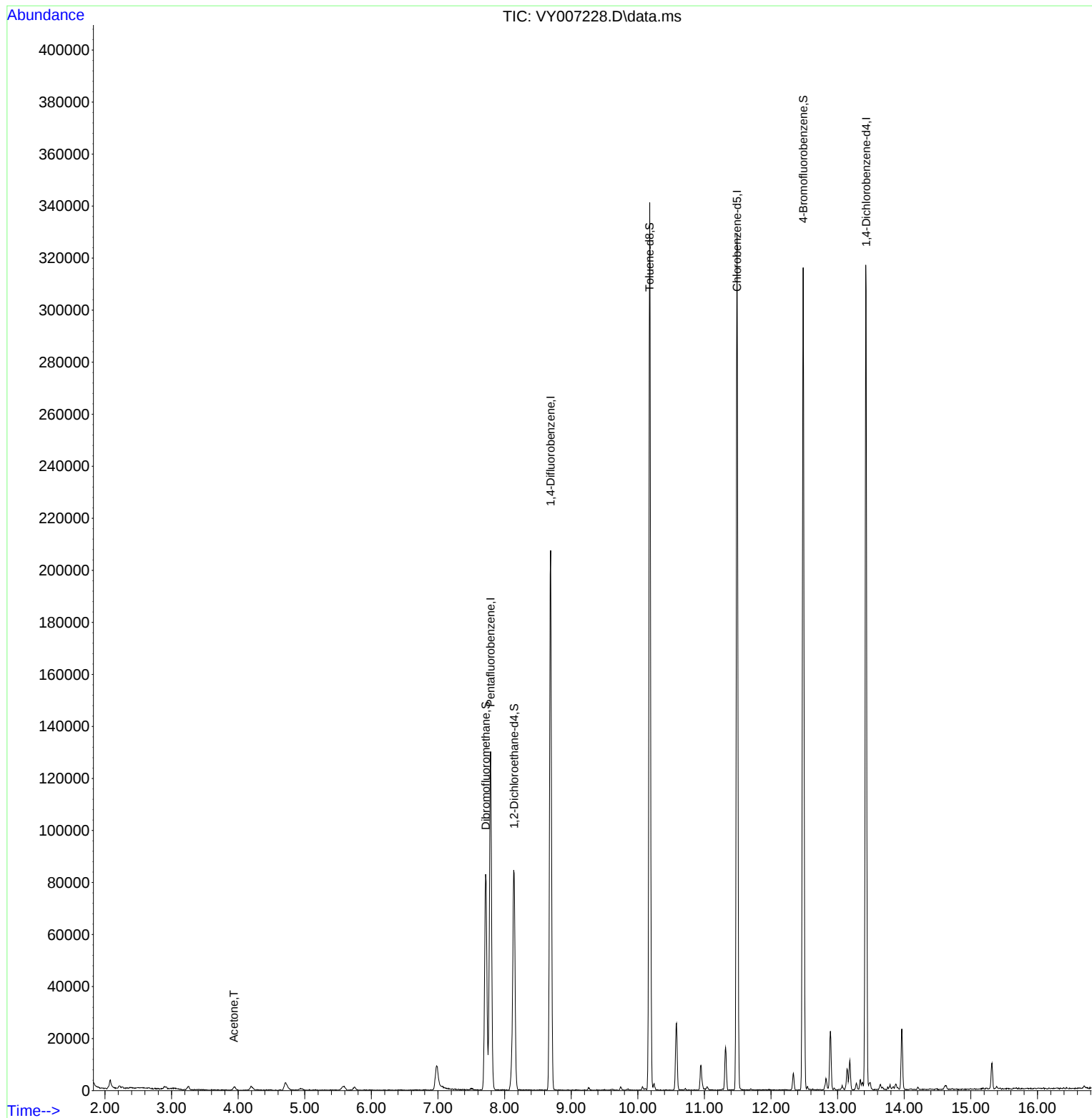
Internal Standards						
1) Pentafluorobenzene	7.789	168	92736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	65750	57.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.560%	
35) Dibromofluoromethane	7.716	113	59819	50.459	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.179	98	214977	49.628	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.260%	
62) 4-Bromofluorobenzene	12.483	95	81115	52.642	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.280%	
Target Compounds						
16) Acetone	3.936	43	2211	7.487	ug/l	Qvalue 97

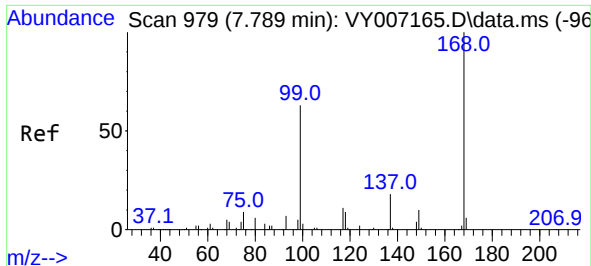
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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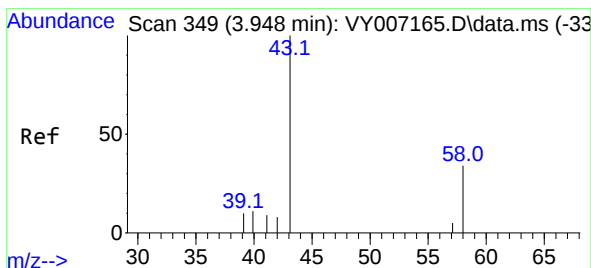
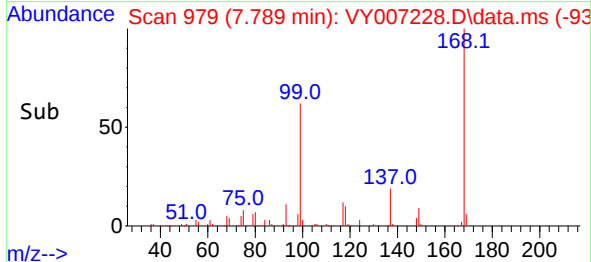
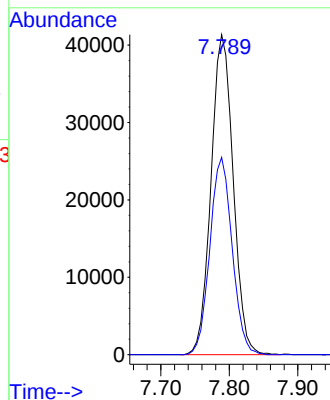
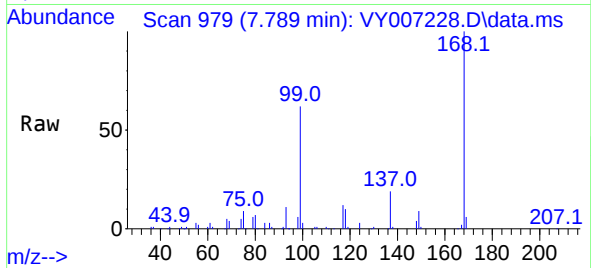




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007228.D
Acq: 19 Jan 2022 18:15

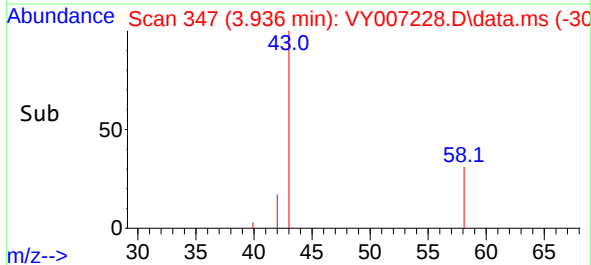
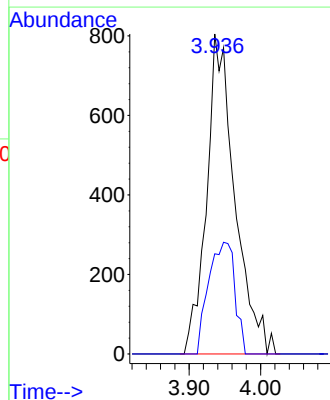
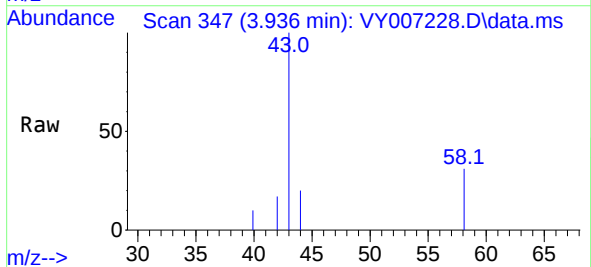
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-4

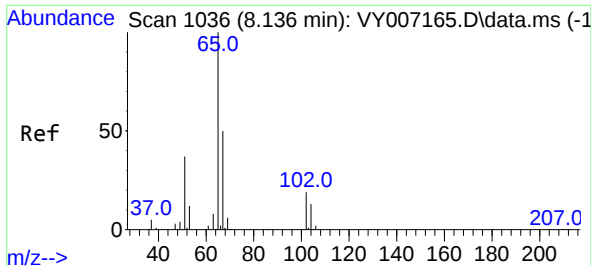
Tgt Ion:168 Resp: 92736
Ion Ratio Lower Upper
168 100
99 61.7 49.1 73.7



#16
Acetone
Concen: 7.487 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007228.D
Acq: 19 Jan 2022 18:15

Tgt Ion: 43 Resp: 2211
Ion Ratio Lower Upper
43 100
58 31.3 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 57.783 ug/l

RT: 8.142 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY007228.D

Acq: 19 Jan 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :

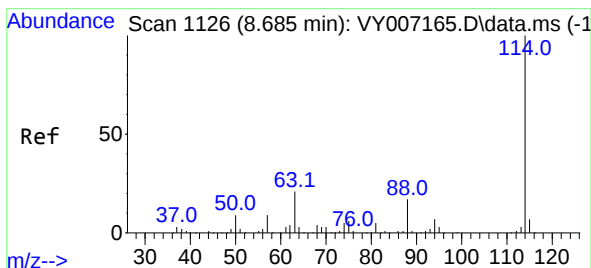
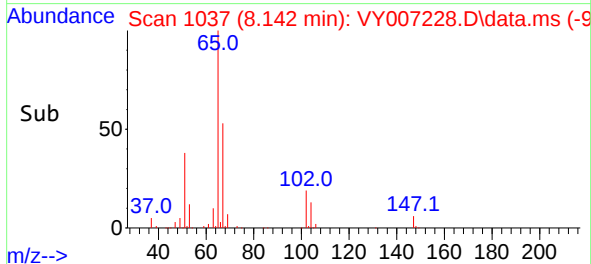
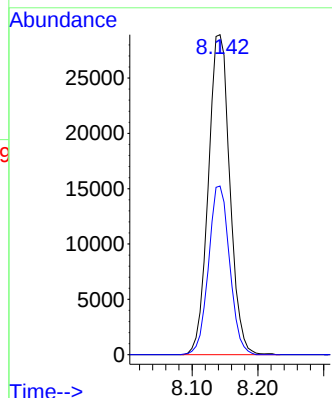
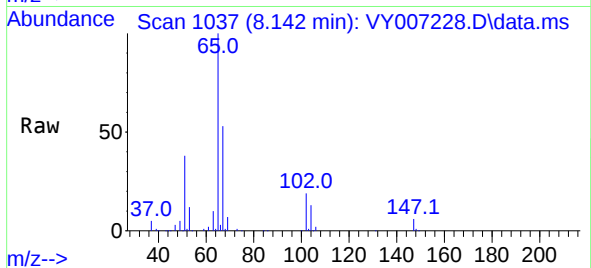
MTR-SOIL-4

Tgt Ion: 65 Resp: 65750

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007228.D

Acq: 19 Jan 2022 18:15

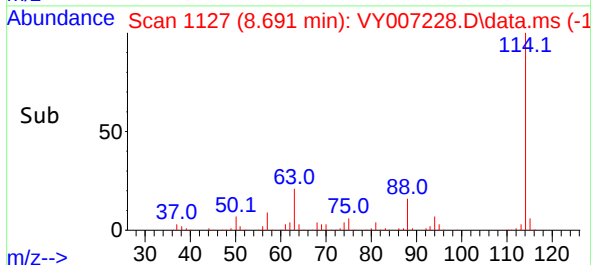
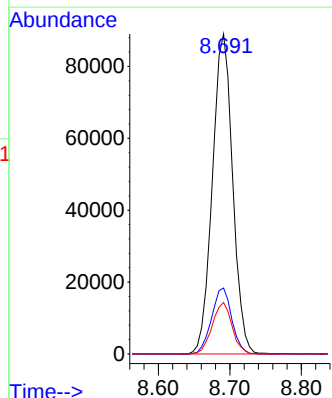
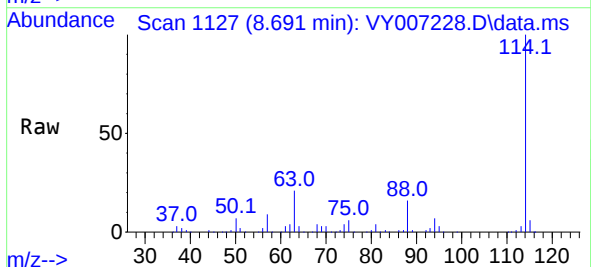
Tgt Ion: 114 Resp: 175322

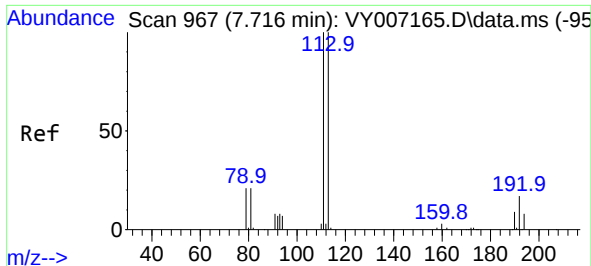
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.2

88 16.1 0.0 31.0

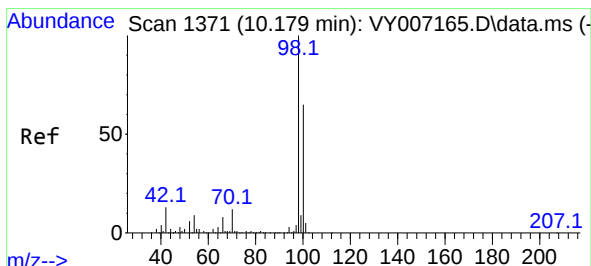
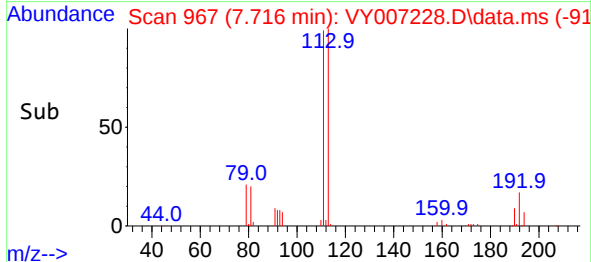
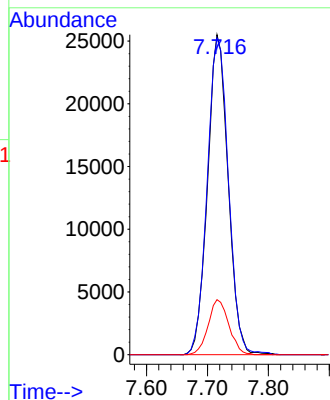
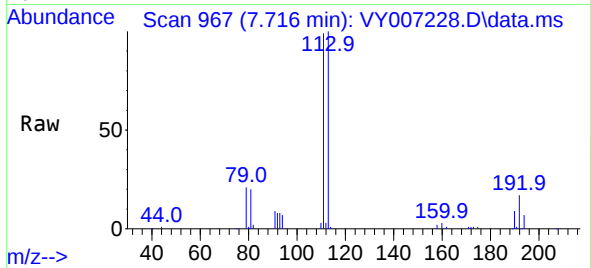




#35
Dibromofluoromethane
Concen: 50.459 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007228.D
Acq: 19 Jan 2022 18:15

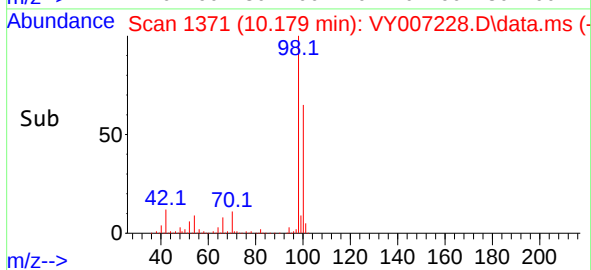
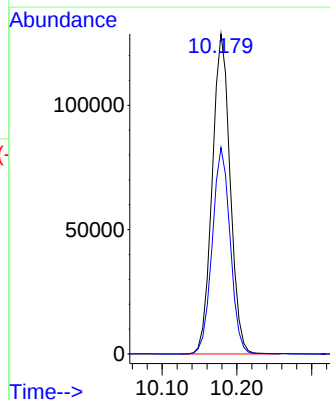
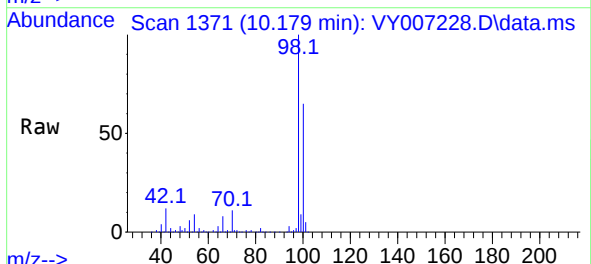
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-4

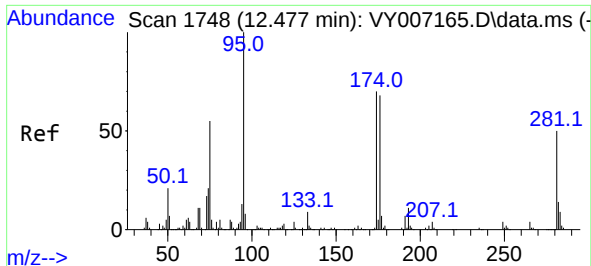
Tgt Ion:113 Resp: 59819
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 17.3 14.2 21.4



#50
Toluene-d8
Concen: 49.628 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007228.D
Acq: 19 Jan 2022 18:15

Tgt Ion: 98 Resp: 214977
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.2

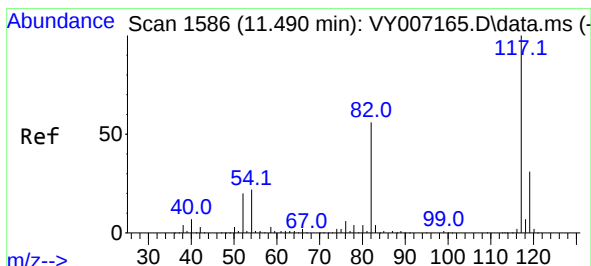
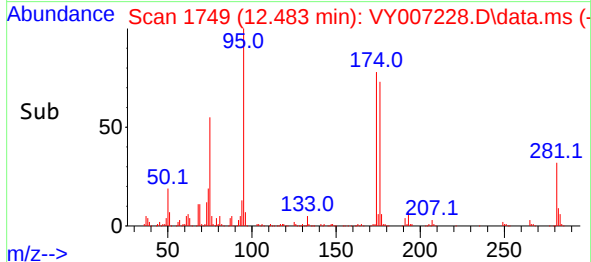
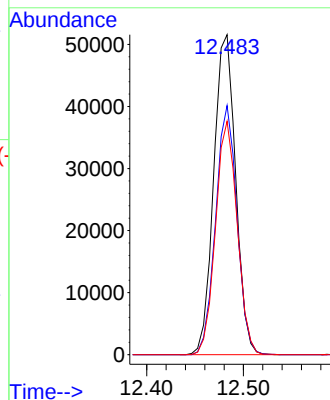
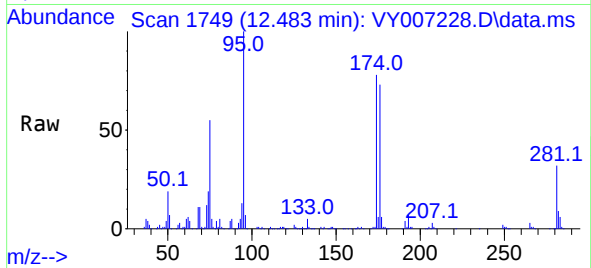




#62
4-Bromofluorobenzene
Concen: 52.642 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007228.D
Acq: 19 Jan 2022 18:15

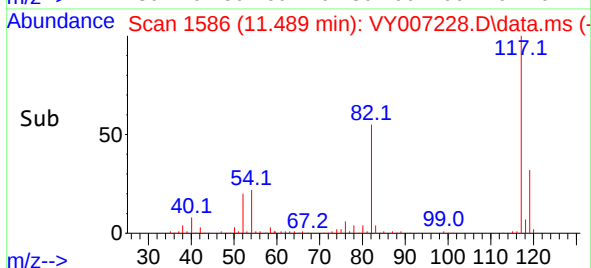
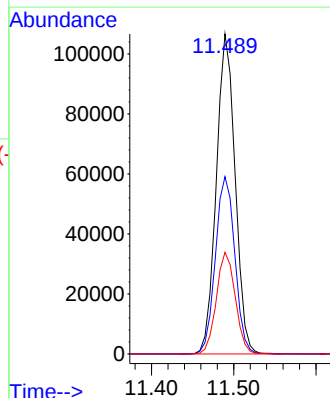
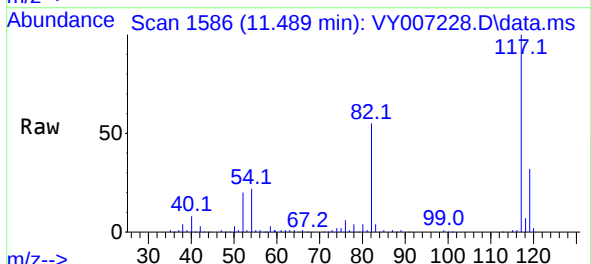
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ClientSampleId :
MTR-SOIL-4

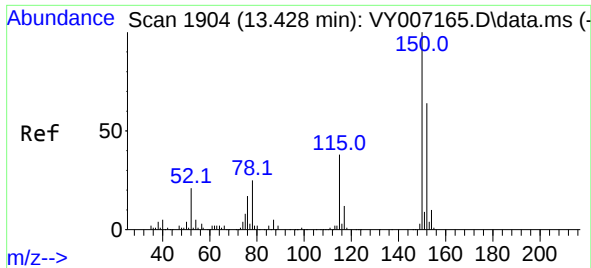
Tgt Ion: 95 Resp: 81115
Ion Ratio Lower Upper
95 100
174 75.8 0.0 148.4
176 72.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007228.D
Acq: 19 Jan 2022 18:15

Tgt Ion: 117 Resp: 169924
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 31.7 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007228.D
 Acq: 19 Jan 2022 18:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-4

Tgt Ion:152 Resp: 75568
 Ion Ratio Lower Upper
 152 100
 115 62.4 31.4 94.0
 150 158.7 0.0 348.4

