

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007229.D
 Acq On : 19 Jan 2022 18:39
 Operator : SY/MD
 Sample : N1189-09
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-5

Quant Time: Jan 20 00:17:53 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)

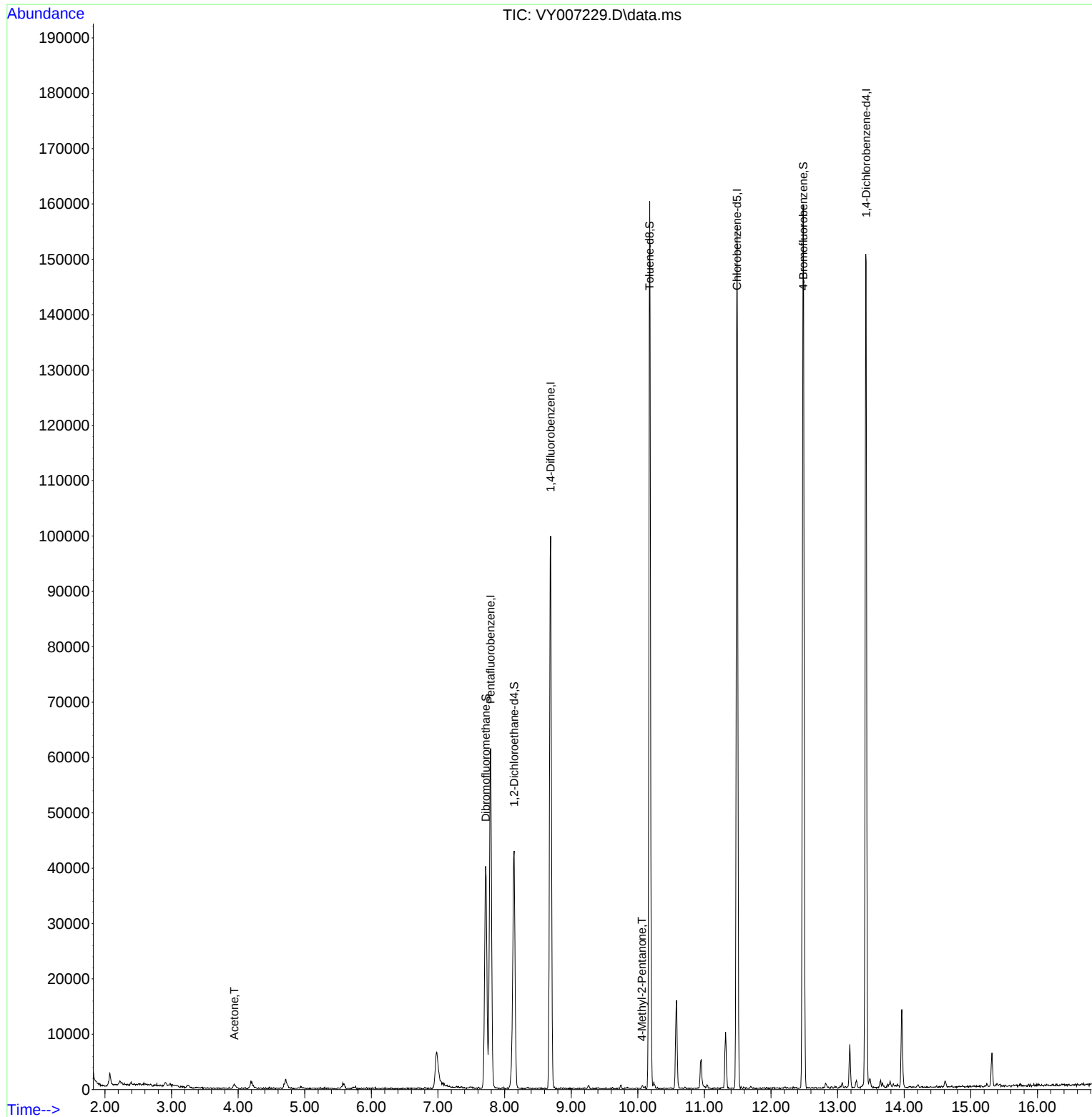
Internal Standards						
1) Pentafluorobenzene	7.789	168	44402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	83471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	81479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	32230	59.157	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	118.320%	
35) Dibromofluoromethane	7.716	113	28902	51.207	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	102.420%	
50) Toluene-d8	10.179	98	101278	49.108	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	98.220%	
62) 4-Bromofluorobenzene	12.483	95	39339	53.624	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	107.240%	
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	1505	10.644	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	511	1.120	ug/l #	74

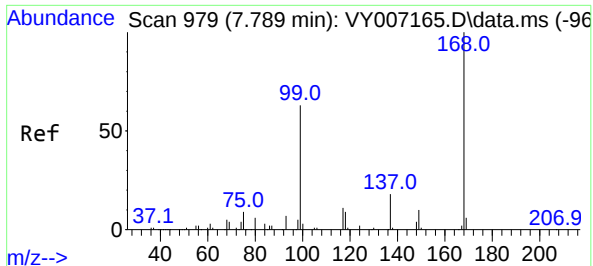
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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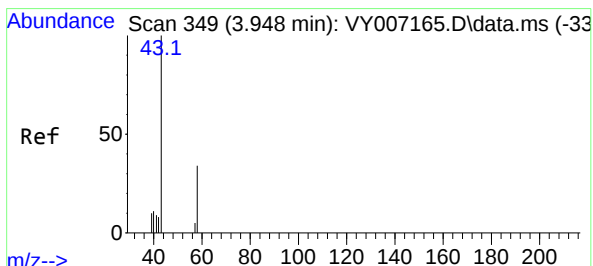
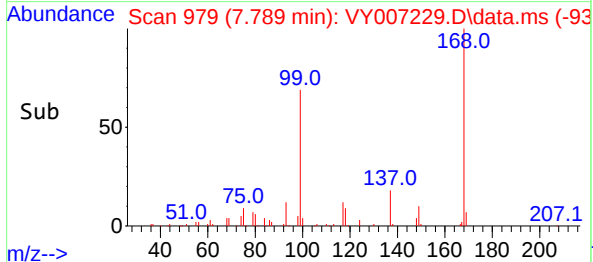
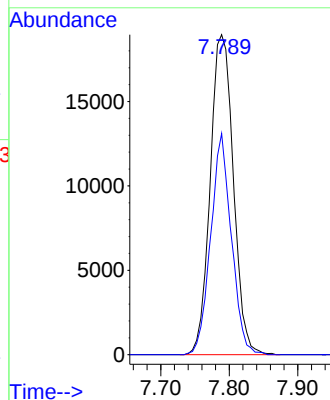
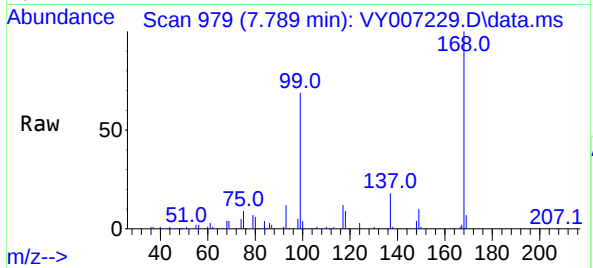




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

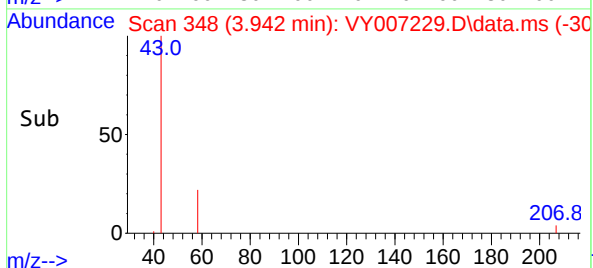
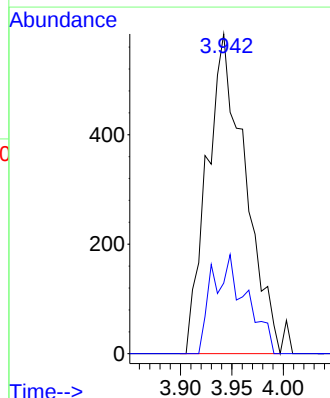
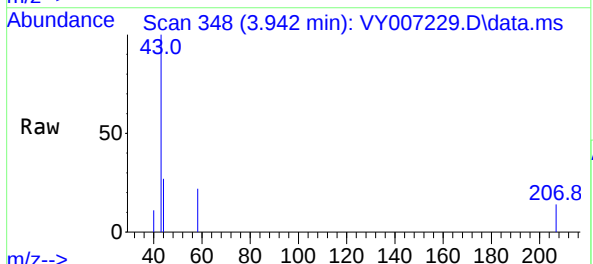
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

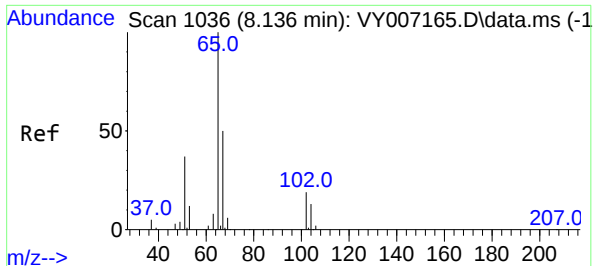
Tgt Ion:168 Resp: 44402
Ion Ratio Lower Upper
168 100
99 69.1 49.1 73.7



#16
Acetone
Concen: 10.644 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
58 22.1 23.8 35.6#





#33

1,2-Dichloroethane-d4

Concen: 59.157 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY007229.D

Acq: 19 Jan 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

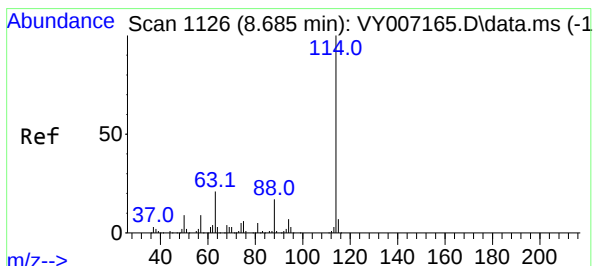
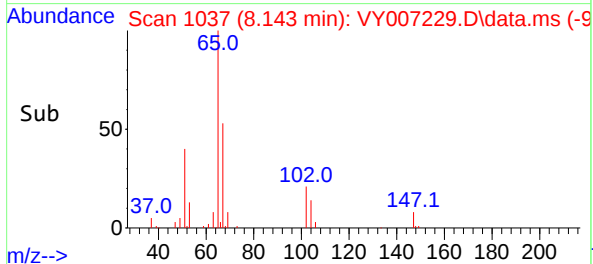
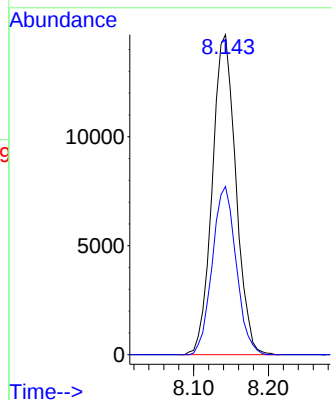
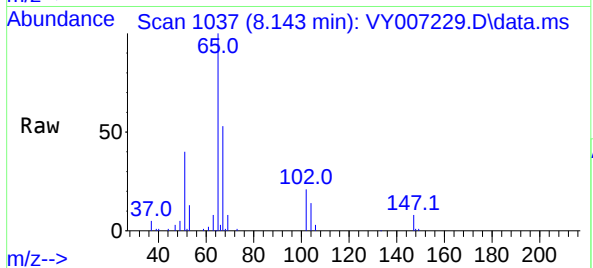
MTR-SOIL-5

Tgt Ion: 65 Resp: 32230

Ion Ratio Lower Upper

65 100

67 53.2 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: VY007229.D

Acq: 19 Jan 2022 18:39

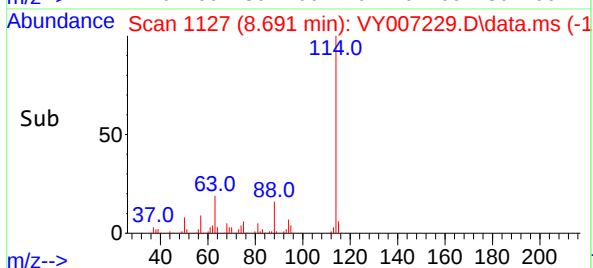
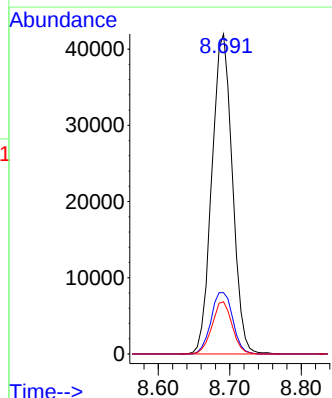
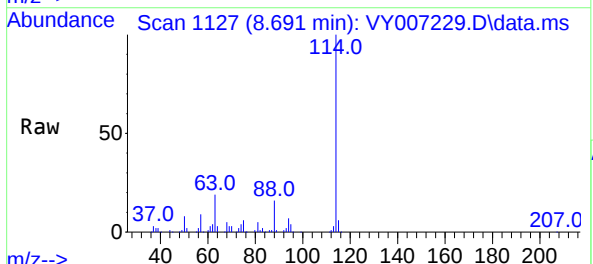
Tgt Ion: 114 Resp: 83471

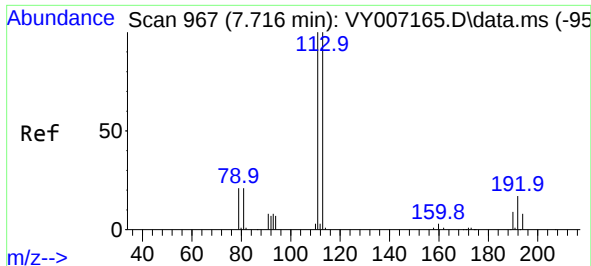
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

88 16.3 0.0 31.0

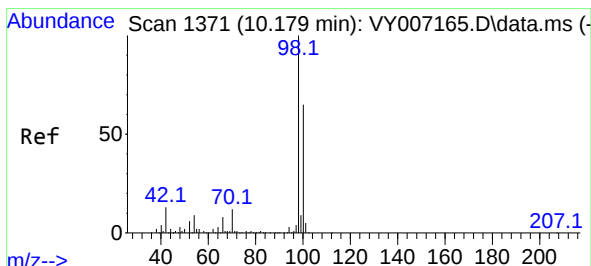
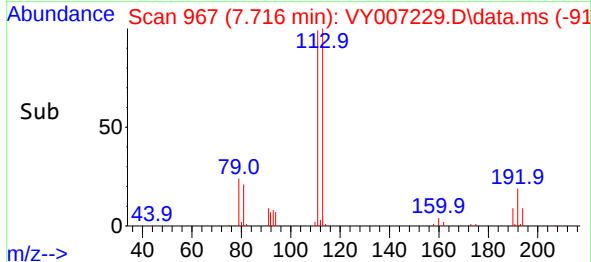
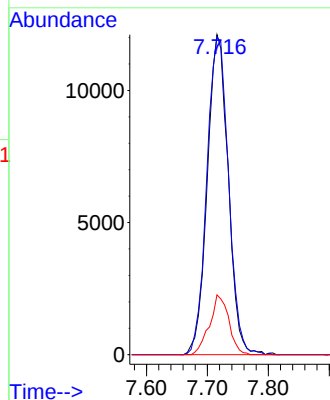
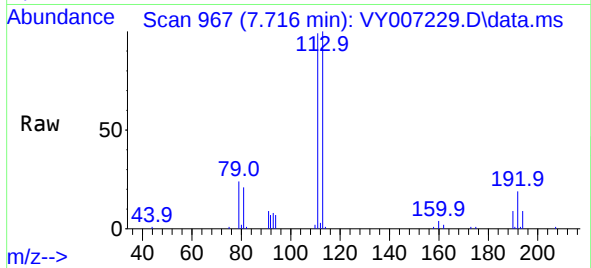




#35
Dibromofluoromethane
Concen: 51.207 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

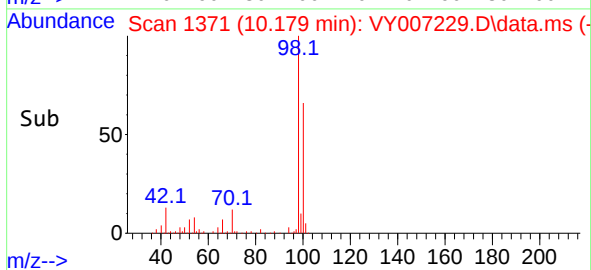
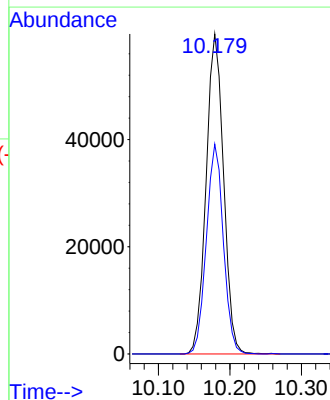
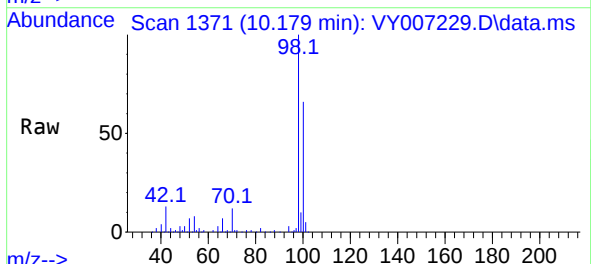
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

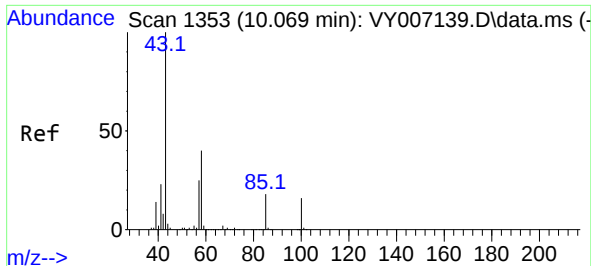
Tgt Ion:113 Resp: 28902
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 17.2 14.2 21.4



#50
Toluene-d8
Concen: 49.108 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

Tgt Ion: 98 Resp: 101278
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2

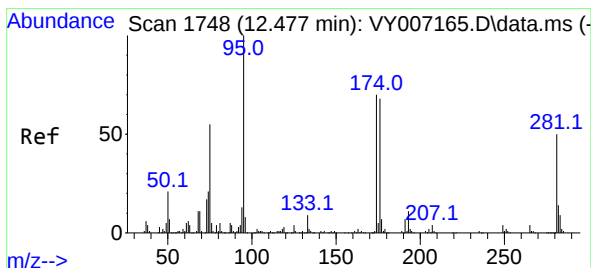
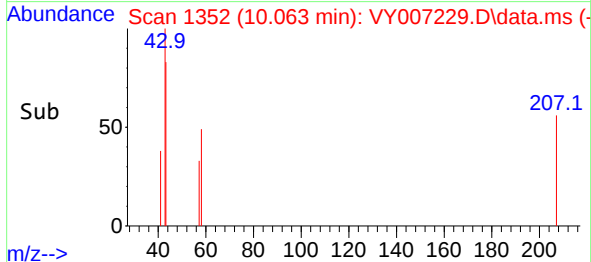
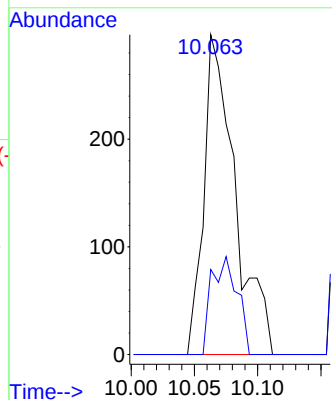
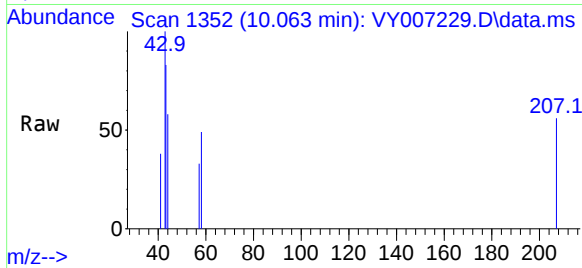




#51
4-Methyl-2-Pentanone
Concen: 1.120 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

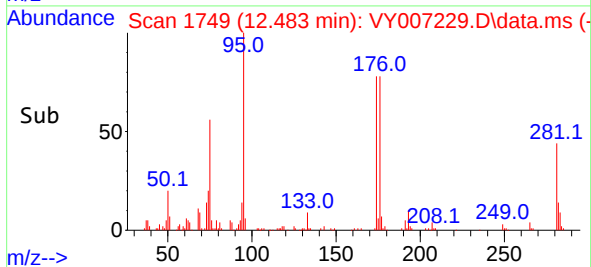
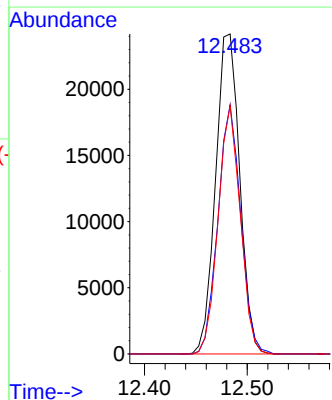
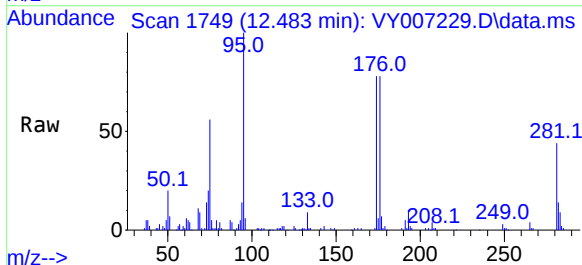
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

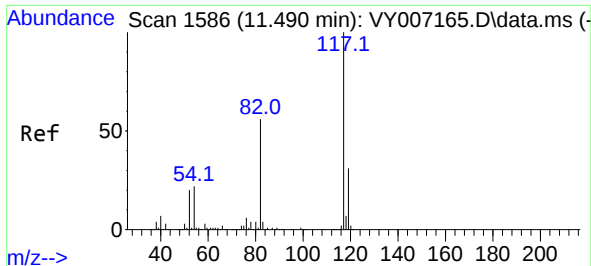
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
58 25.0 32.8 49.2#



#62
4-Bromofluorobenzene
Concen: 53.624 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

Tgt Ion: 95 Resp: 39339
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.4
176 71.1 0.0 146.6

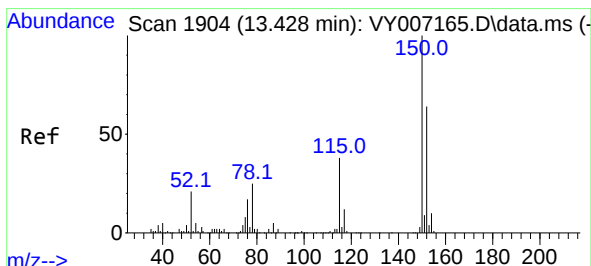
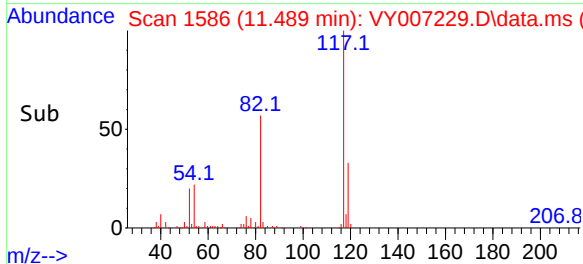
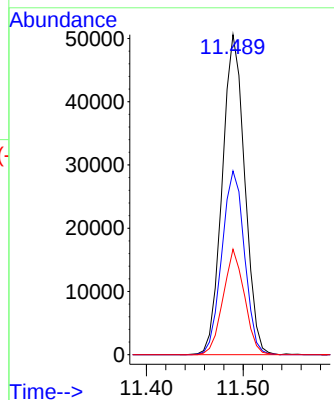
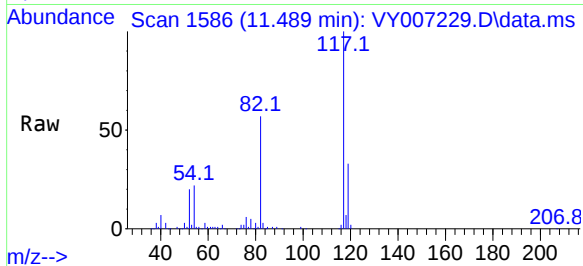




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007229.D
Acq: 19 Jan 2022 18:39

Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-5

Tgt Ion:	117	Resp:	81479
Ion Ratio	Lower	Upper	
117	100		
82	57.4	45.4	68.0
119	32.9	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: VY007229.D
Acq: 19 Jan 2022 18:39

Tgt Ion:	152	Resp:	36096
Ion Ratio	Lower	Upper	
152	100		
115	62.8	31.4	94.0
150	159.9	0.0	348.4

