

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007234.D
 Acq On : 19 Jan 2022 20:36
 Operator : SY/MD
 Sample : N1189-21
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MTR-SOIL-11

Quant Time: Jan 20 00:18:40 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)

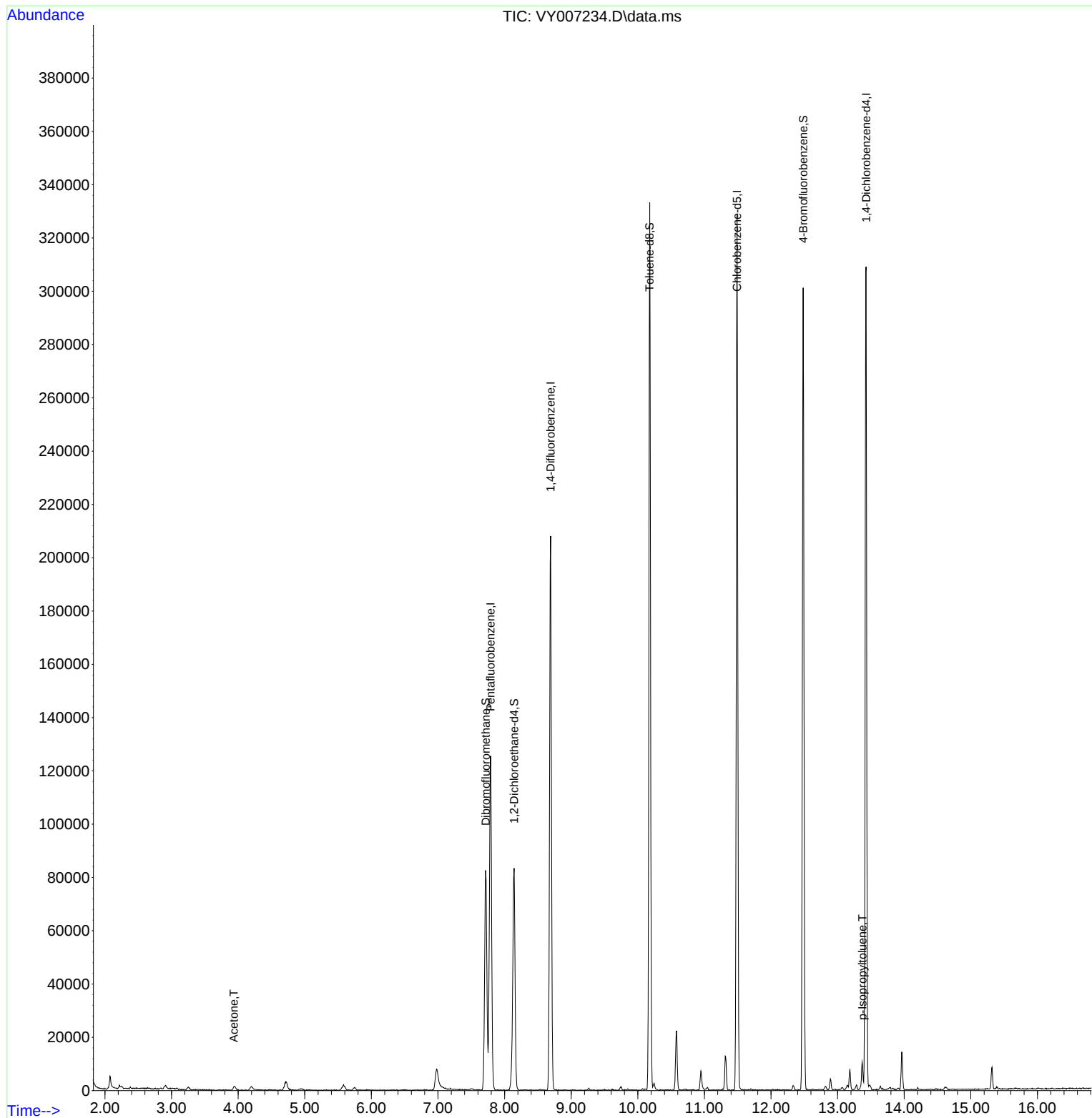
Internal Standards						
1) Pentafluorobenzene	7.789	168	91306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	169561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	166927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62468	55.758	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.520%	
35) Dibromofluoromethane	7.716	113	58969	51.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.860%	
50) Toluene-d8	10.179	98	209598	50.030	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.060%	
62) 4-Bromofluorobenzene	12.483	95	80214	53.826	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.660%	
Target Compounds						
						Qvalue
16) Acetone	3.936	43	2742	9.431	ug/l	92
86) p-Isopropyltoluene	13.373	119	5799	1.014	ug/l	97

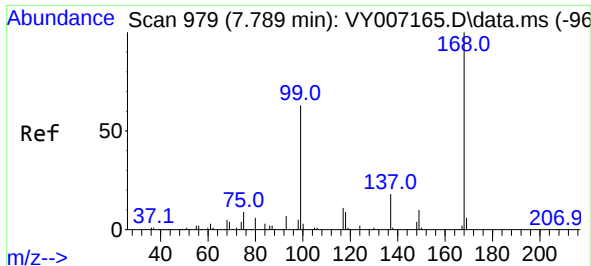
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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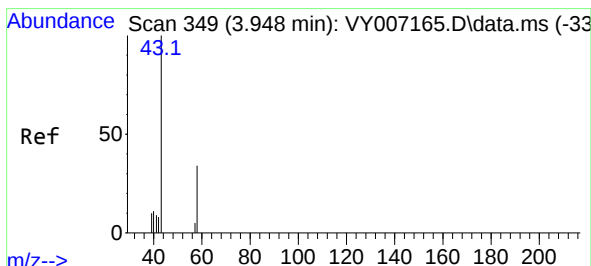
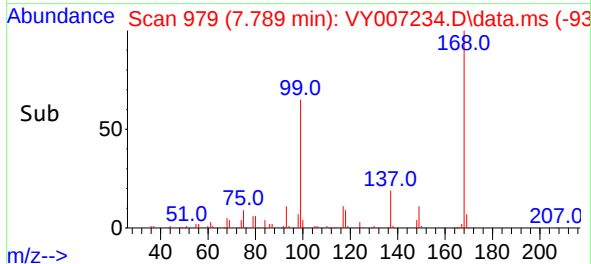
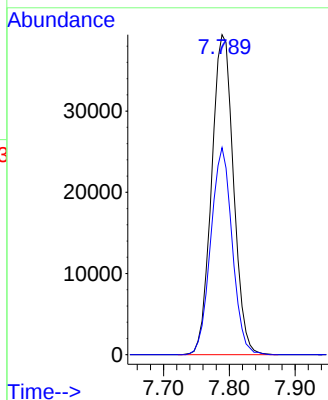
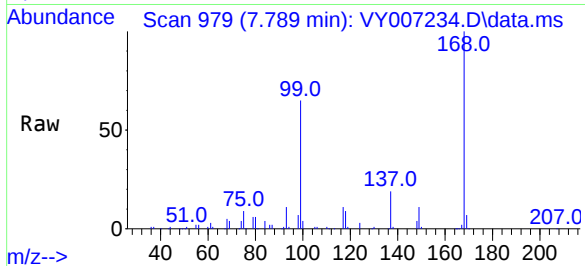




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007234.D
Acq: 19 Jan 2022 20:36

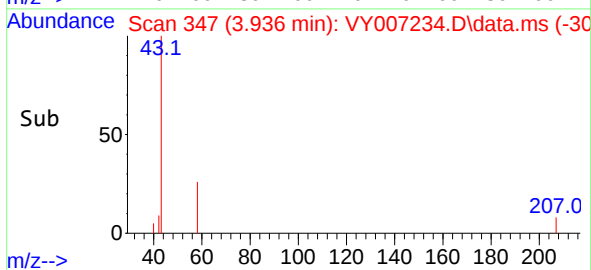
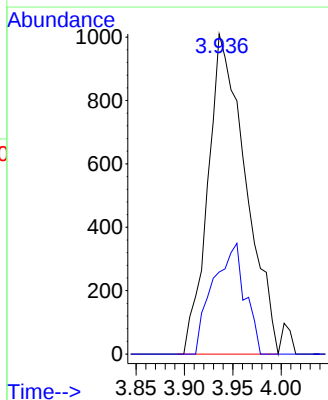
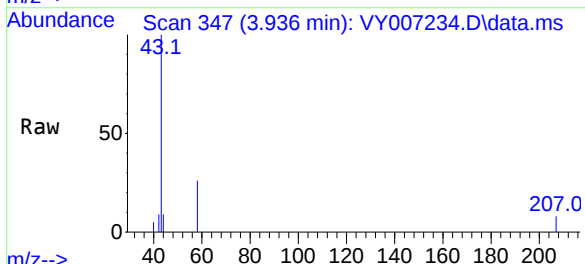
Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-11

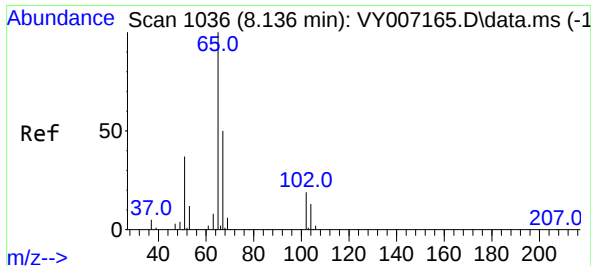
Tgt Ion:168 Resp: 91306
Ion Ratio Lower Upper
168 100
99 64.7 49.1 73.7



#16
Acetone
Concen: 9.431 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY007234.D
Acq: 19 Jan 2022 20:36

Tgt Ion: 43 Resp: 2742
Ion Ratio Lower Upper
43 100
58 25.6 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 55.758 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY007234.D

Acq: 19 Jan 2022 20:36

Instrument :

MSVOA_Y

ClientSampleId :

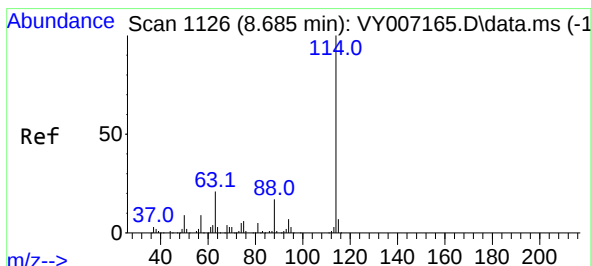
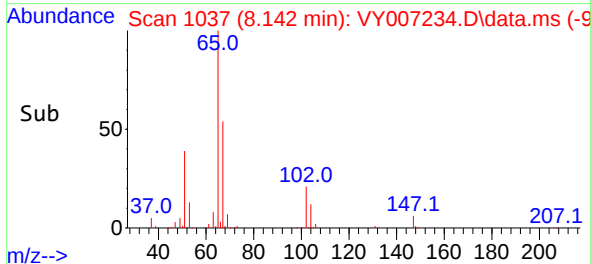
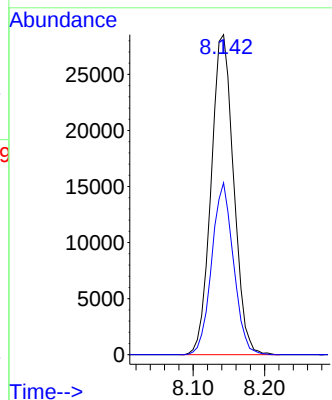
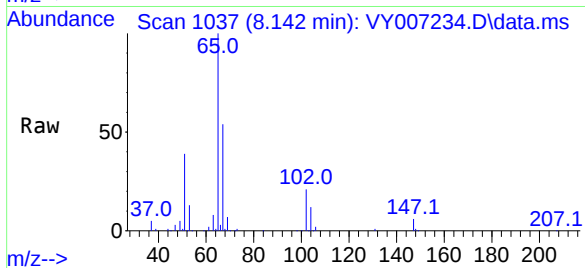
MTR-SOIL-11

Tgt Ion: 65 Resp: 62468

Ion Ratio Lower Upper

65 100

67 51.8 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: VY007234.D

Acq: 19 Jan 2022 20:36

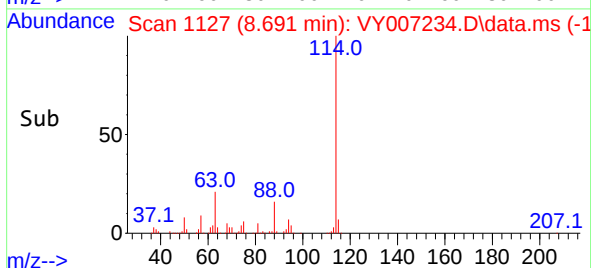
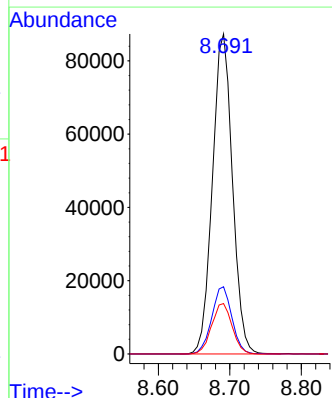
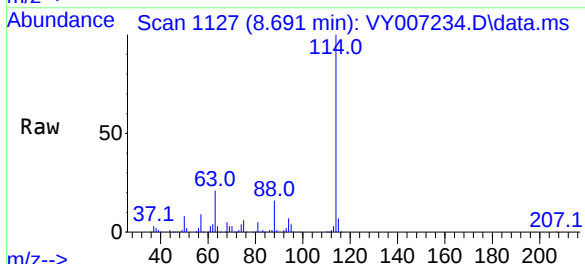
Tgt Ion: 114 Resp: 169561

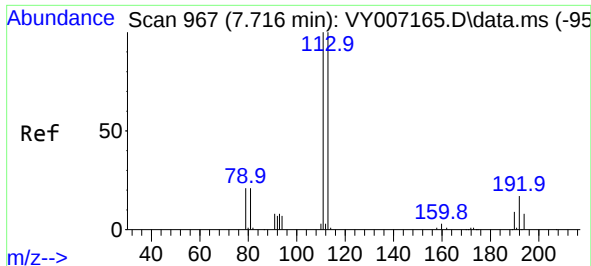
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

88 15.8 0.0 31.0

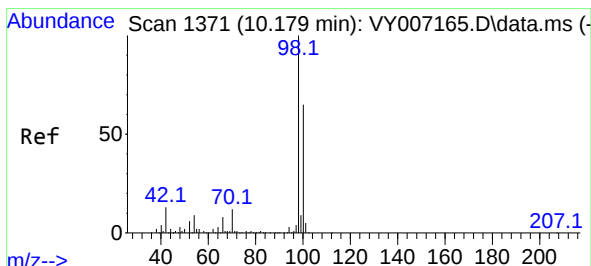
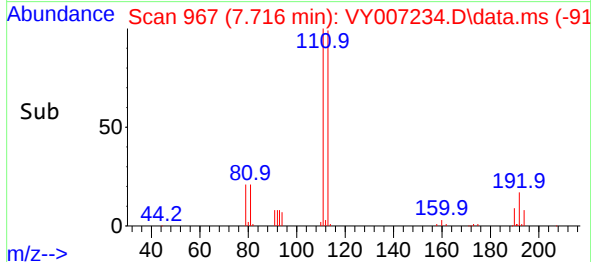
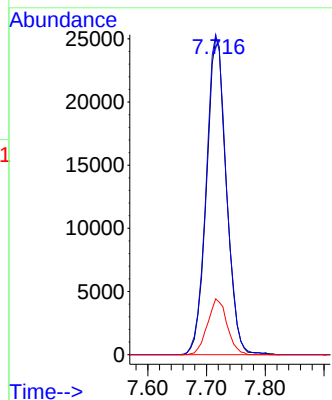
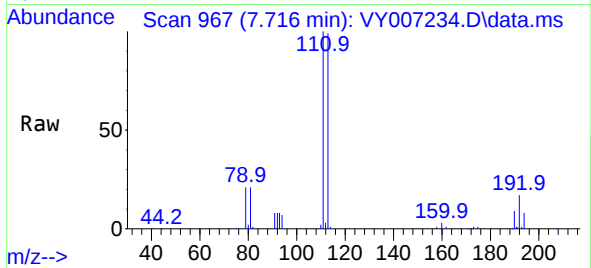




#35
Dibromofluoromethane
Concen: 51.432 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007234.D
Acq: 19 Jan 2022 20:36

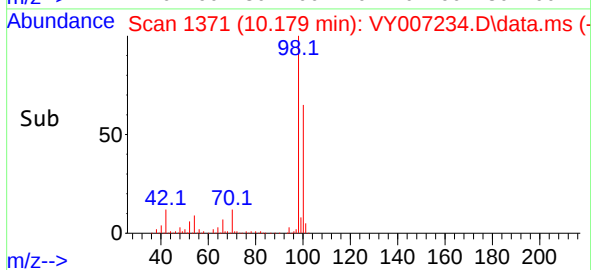
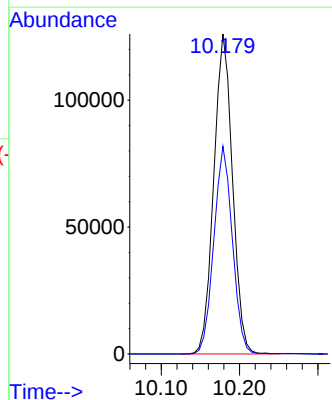
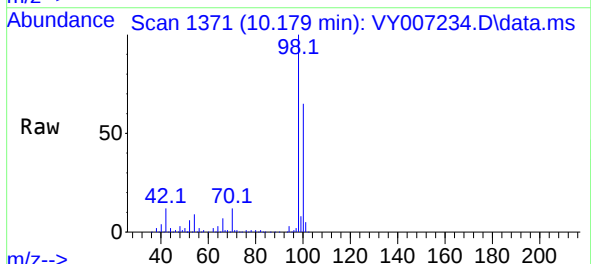
Instrument :
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ClientSampleId :
MTR-SOIL-11

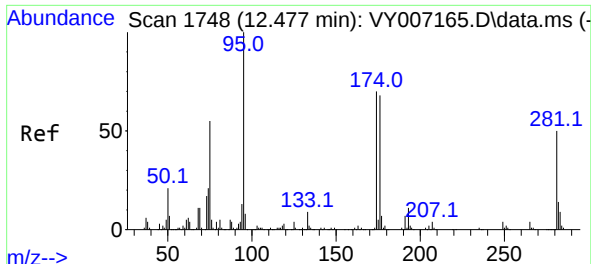
Tgt Ion:113 Resp: 58969
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 17.3 14.2 21.4



#50
Toluene-d8
Concen: 50.030 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007234.D
Acq: 19 Jan 2022 20:36

Tgt Ion: 98 Resp: 209598
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2

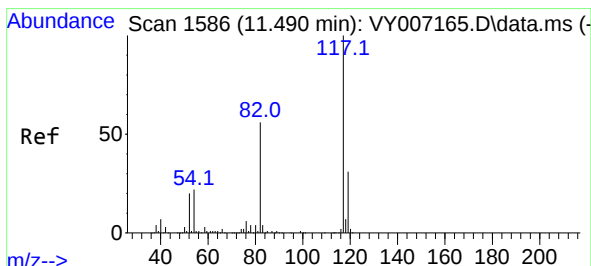
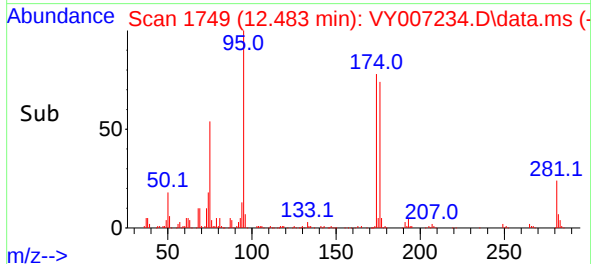
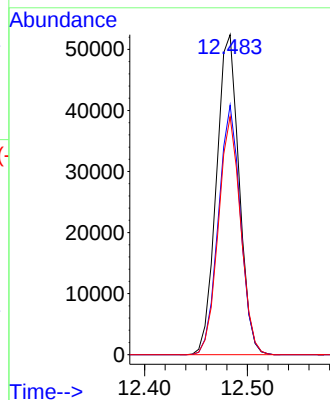
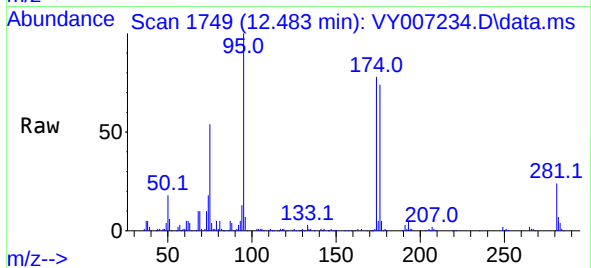




#62
4-Bromofluorobenzene
Concen: 53.826 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007234.D
Acq: 19 Jan 2022 20:36

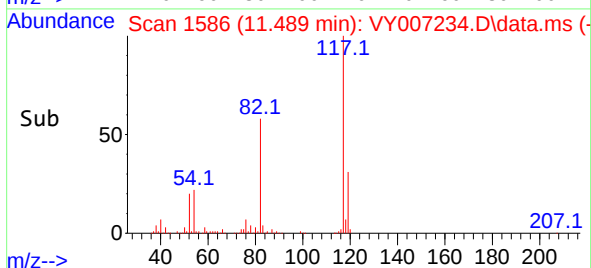
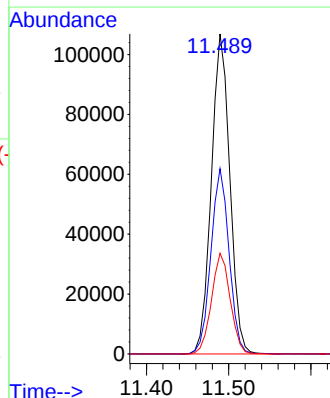
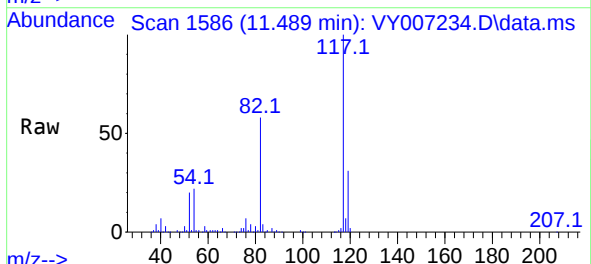
Instrument :
MSVOA_Y
ClientSampleId :
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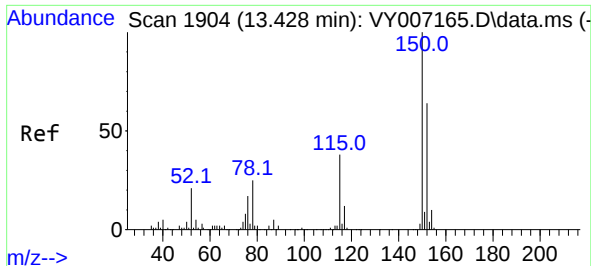
Tgt Ion: 95 Resp: 80214
Ion Ratio Lower Upper
95 100
174 75.7 0.0 148.4
176 72.8 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007234.D
Acq: 19 Jan 2022 20:36

Tgt Ion: 117 Resp: 166927
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 31.5 26.4 39.6

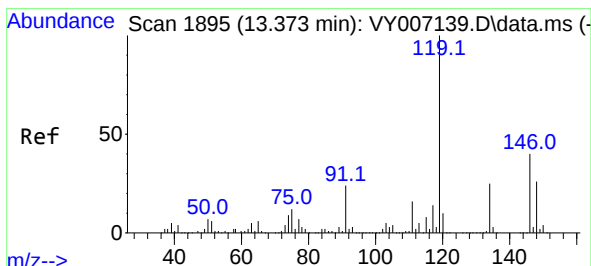
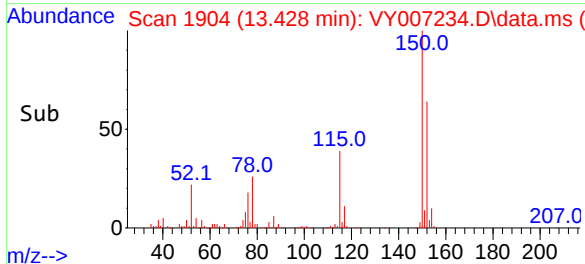
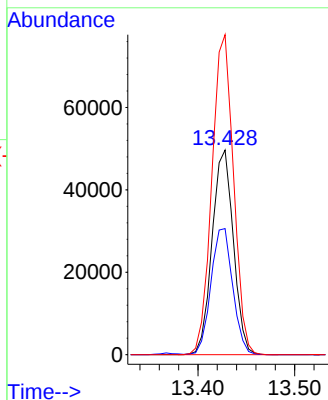
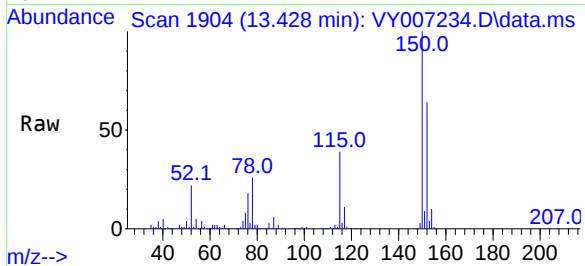




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007234.D
Acq: 19 Jan 2022 20:36

Instrument :
MSVOA_Y
ClientSampleId :
MTR-SOIL-11

Tgt Ion:152 Resp: 75947
Ion Ratio Lower Upper
152 100
115 63.1 31.4 94.0
150 158.8 0.0 348.4



#86
p-Isopropyltoluene
Concen: 1.014 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY007234.D
Acq: 19 Jan 2022 20:36

Tgt Ion:119 Resp: 5799
Ion Ratio Lower Upper
119 100
134 25.2 12.9 38.7
91 26.9 12.4 37.2

