

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003924.D
 Acq On : 14 Jan 2021 17:13
 Operator : SY/MD
 Sample : M1100-03
 Misc : 6.27G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOPSOIL-RBF-DARK

Quant Time: Jan 15 00:59:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	164116	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84758	33.25	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.50%
35) Dibromofluoromethane	7.722	113	73170	36.46	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.92%
50) Toluene-d8	10.179	98	255293	31.39	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.78%
62) 4-Bromofluorobenzene	12.477	95	85759	28.87	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.74%

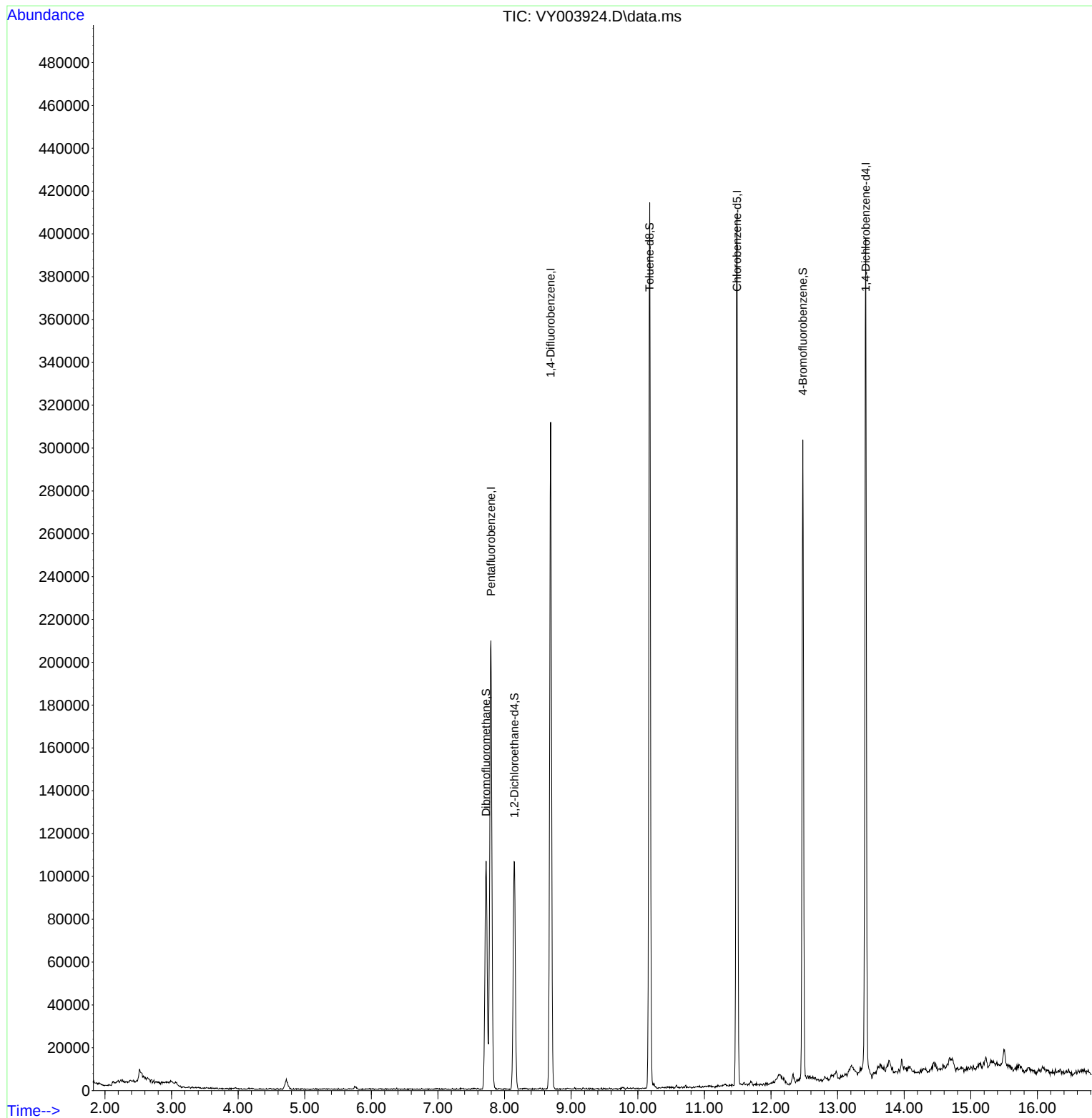
Target Compounds	Qvalue

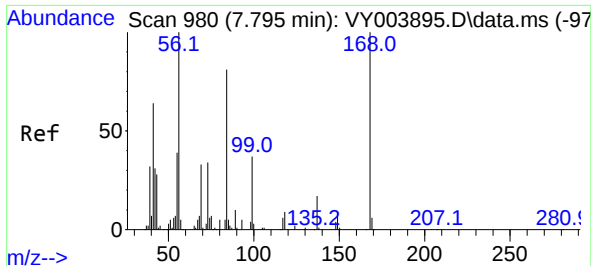
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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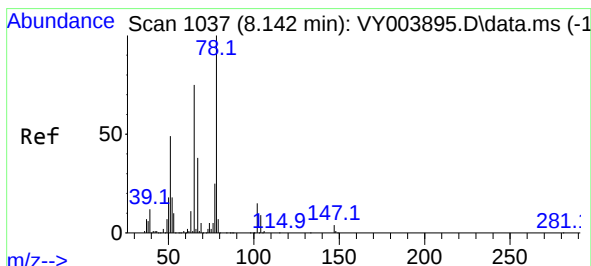
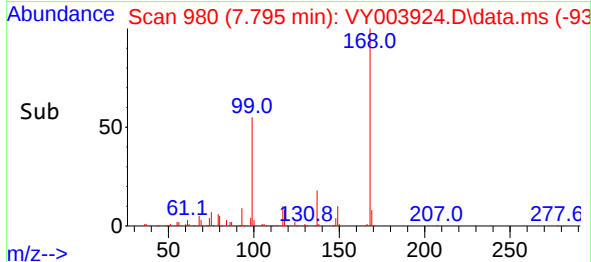
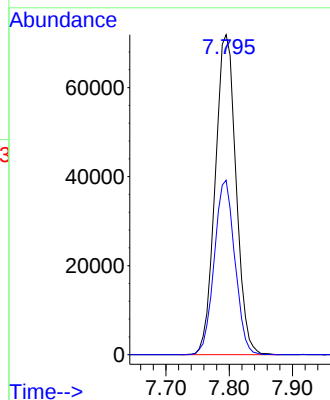
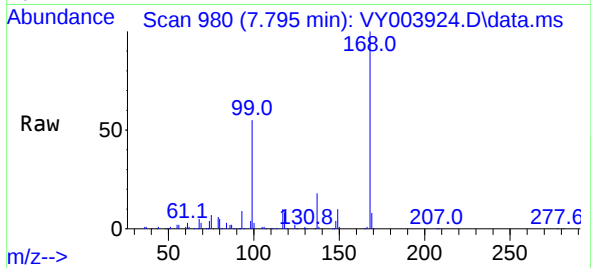




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

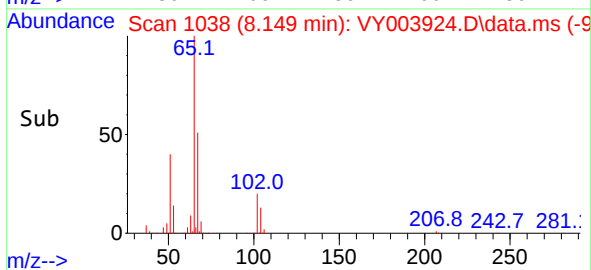
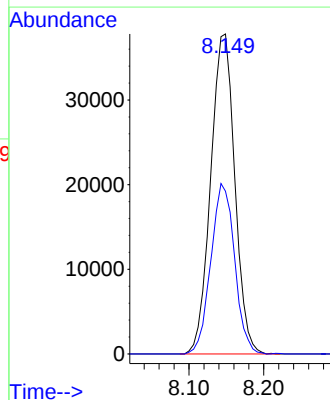
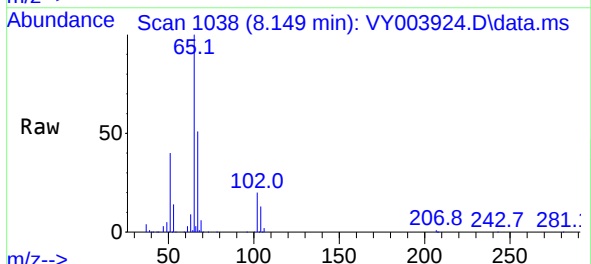
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-RBF-DARK

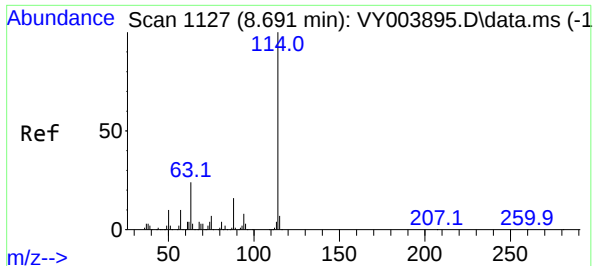
Tgt Ion:168 Resp: 164116
Ion Ratio Lower Upper
168 100
99 54.5 40.4 60.6



#33
1,2-Dichloroethane-d4
Concen: 33.25 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

Tgt Ion: 65 Resp: 84758
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.2



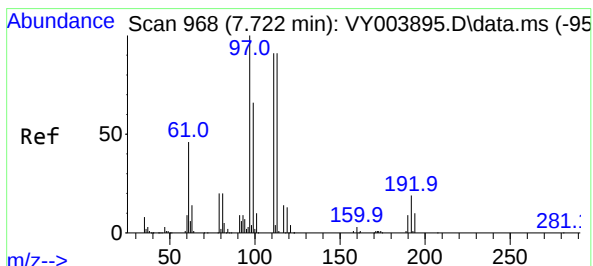
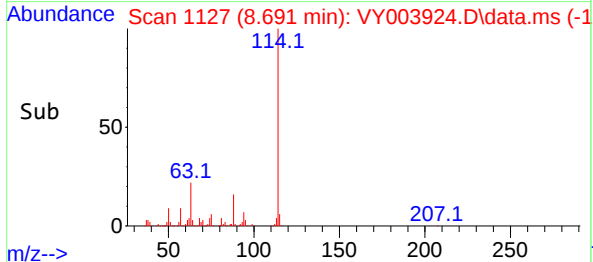
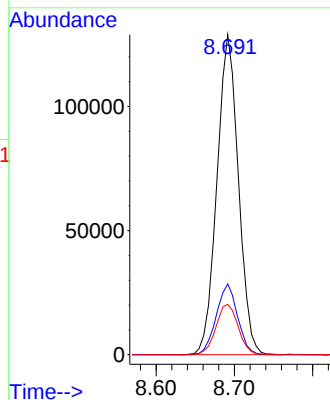
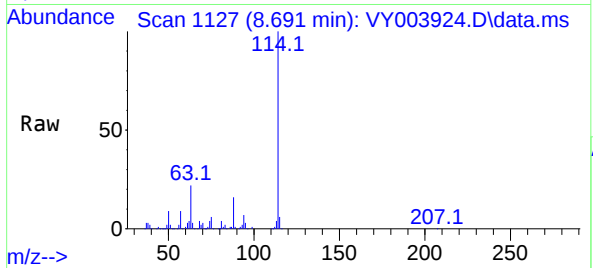


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-RBF-DARK

Tgt Ion:114 Resp: 245591

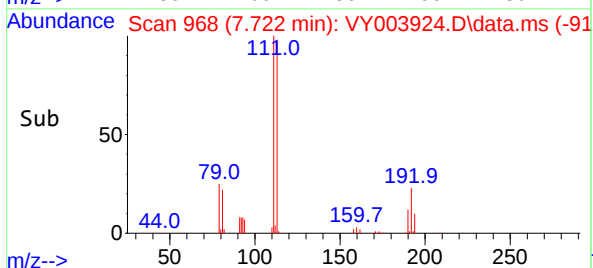
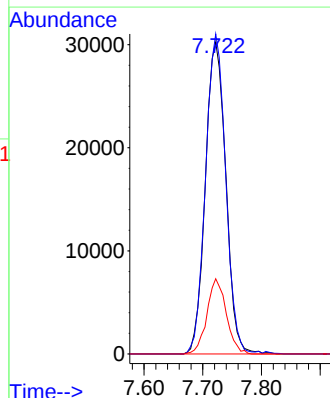
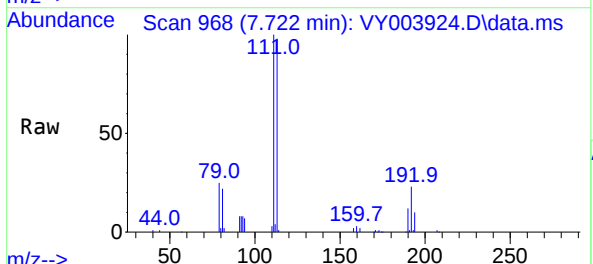
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	38.8
88	15.8	0.0	31.4

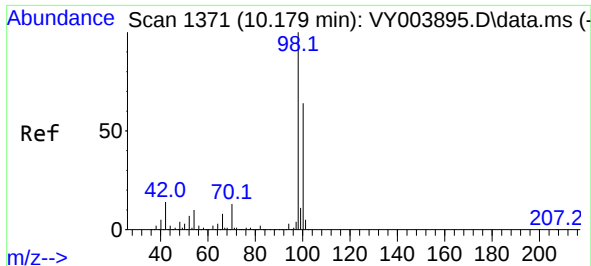


#35
Dibromofluoromethane
Concen: 36.46 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

Tgt Ion:113 Resp: 73170

Ion	Ratio	Lower	Upper
113	100		
111	100.9	83.0	124.6
192	22.8	19.8	29.6

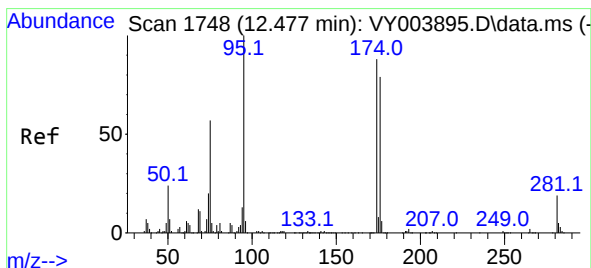
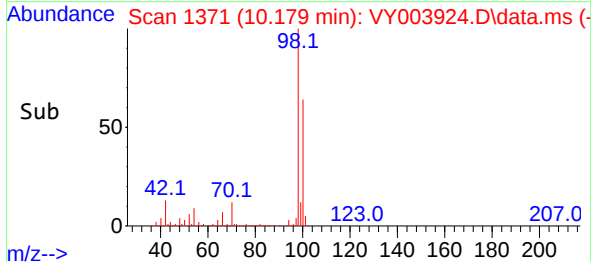
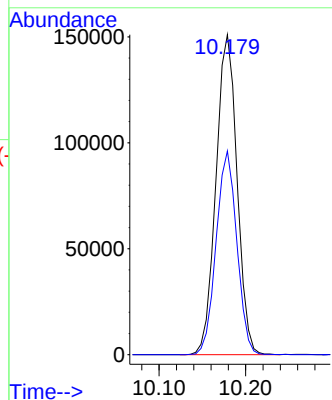
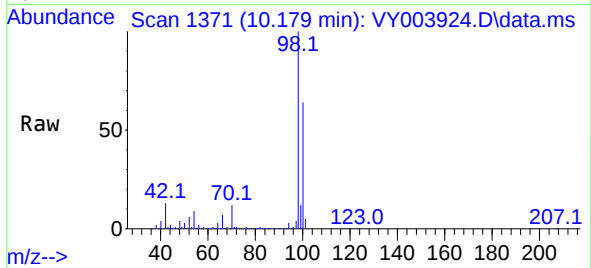




#50
Toluene-d8
Concen: 31.39 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

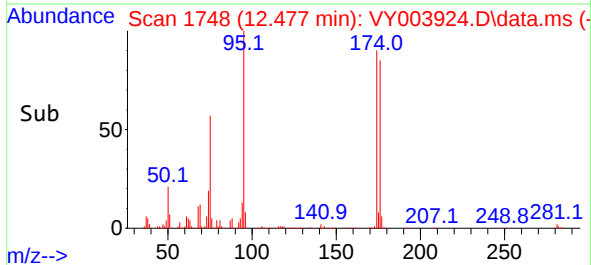
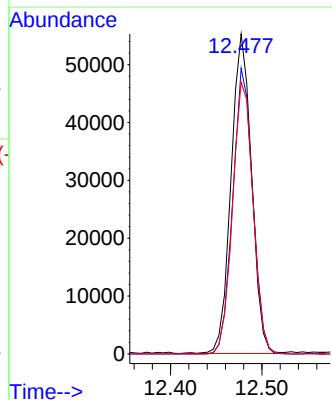
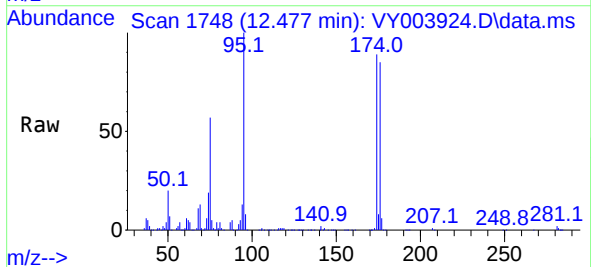
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-RBF-DARK

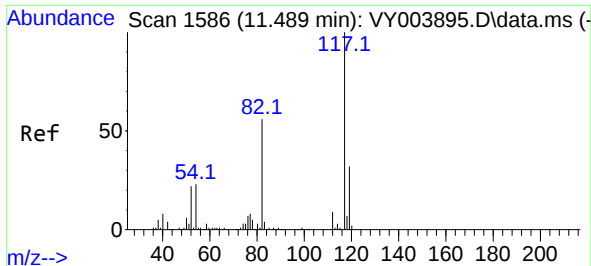
Tgt Ion: 98 Resp: 255293
Ion Ratio Lower Upper
98 100
100 62.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 28.87 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

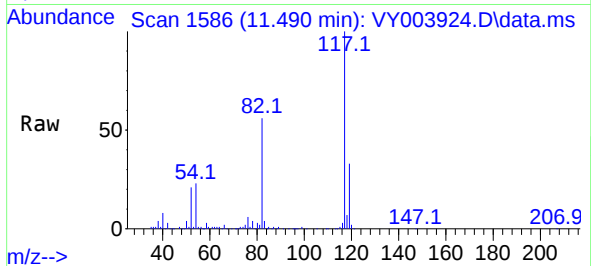
Tgt Ion: 95 Resp: 85759
Ion Ratio Lower Upper
95 100
174 87.4 0.0 193.2
176 85.3 0.0 187.0



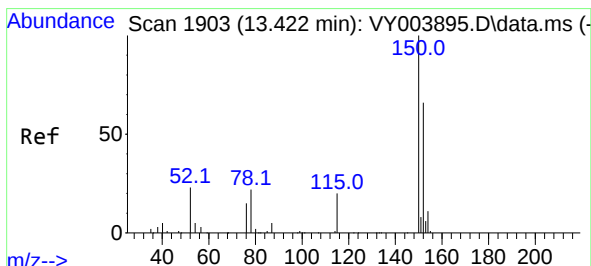
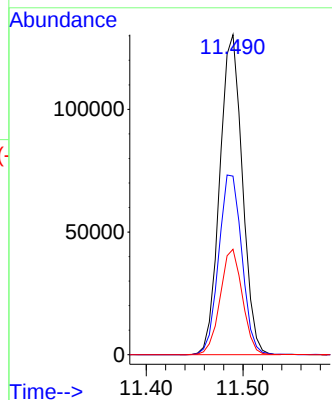
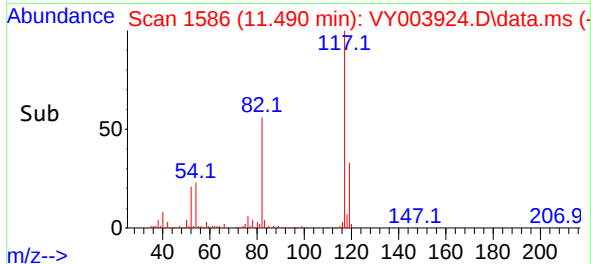


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13

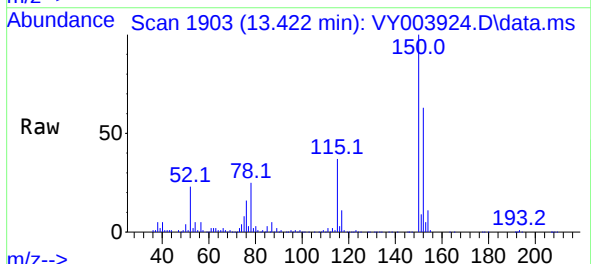
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-RBF-DARK



Tgt Ion:117 Resp: 211329
Ion Ratio Lower Upper
117 100
82 55.8 43.9 65.9
119 32.9 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003924.D
Acq: 14 Jan 2021 17:13



Tgt Ion:152 Resp: 91438
Ion Ratio Lower Upper
152 100
115 58.0 27.9 83.7
150 158.3 0.0 356.4

