

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003923.D
 Acq On : 14 Jan 2021 16:51
 Operator : SY/MD
 Sample : M1100-02
 Misc : 6.25G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOPSOIL-RBF-ASHCROFT

Quant Time: Jan 15 00:58:54 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	187640	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	286968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119442	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	98415	33.77	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.54%
35) Dibromofluoromethane	7.722	113	83386	35.56	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	71.12%
50) Toluene-d8	10.179	98	294414	30.98	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	61.96%
62) 4-Bromofluorobenzene	12.477	95	109727	31.61	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.22%

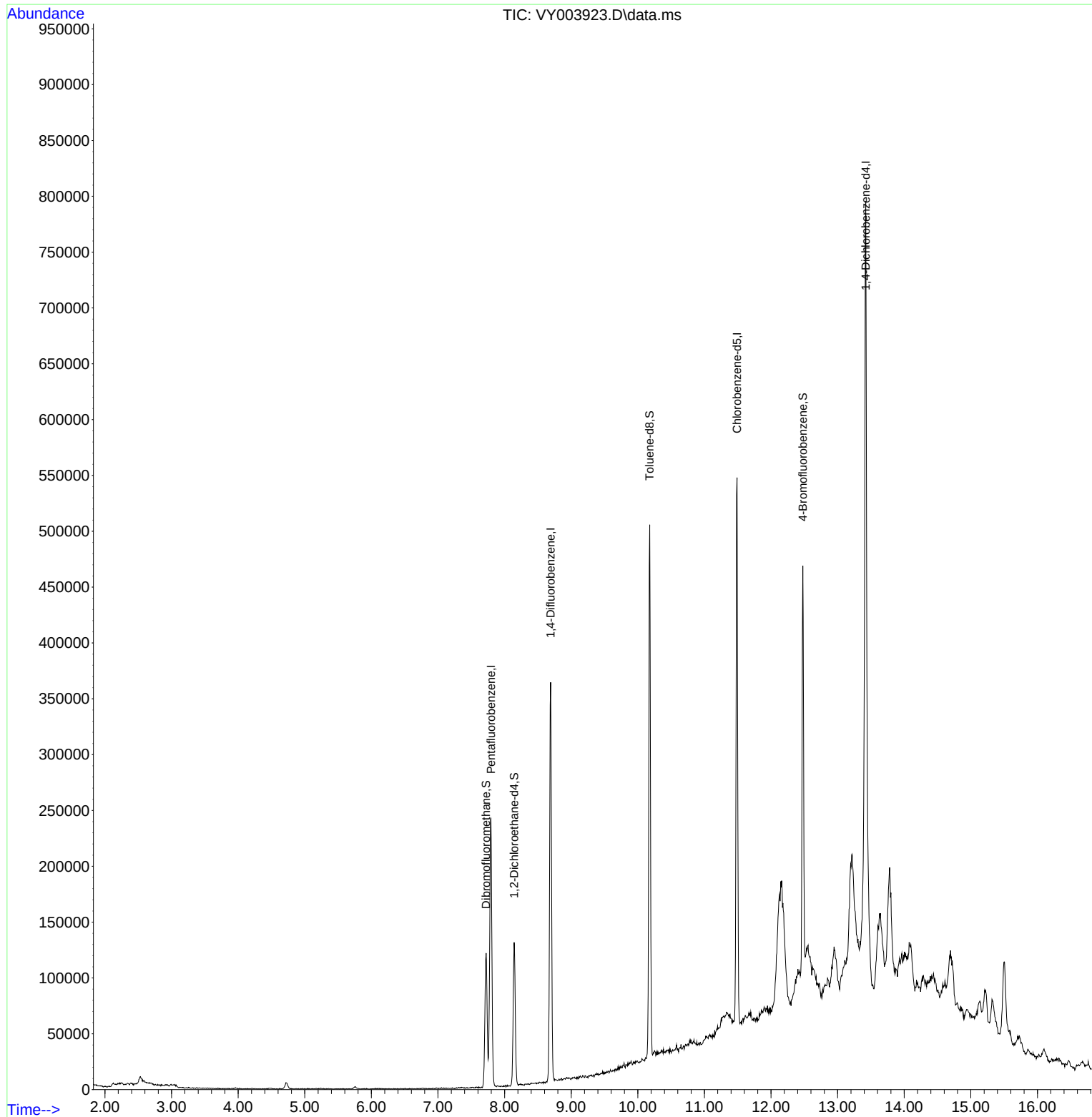
Target Compounds	Qvalue

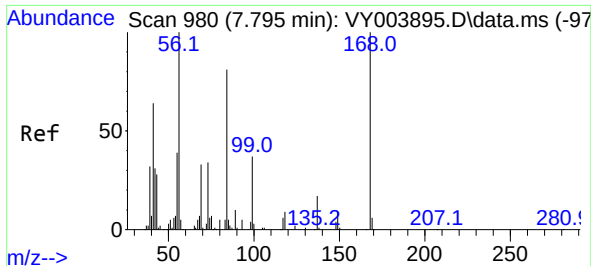
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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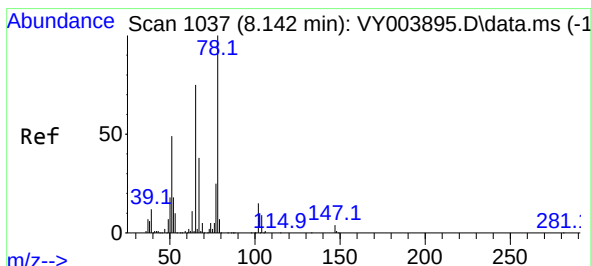
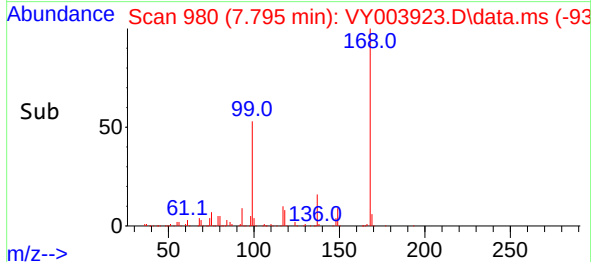
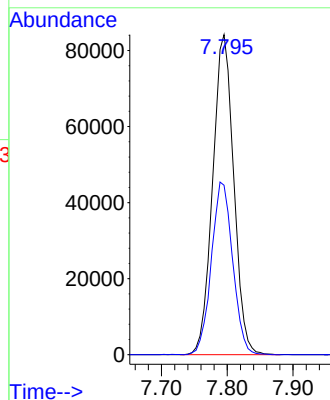
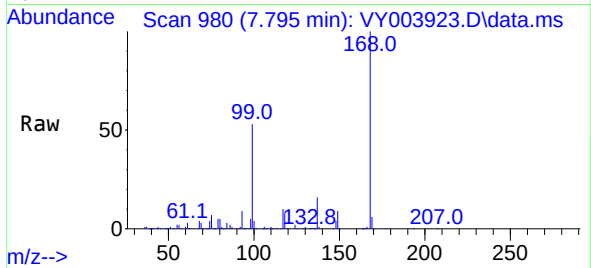




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

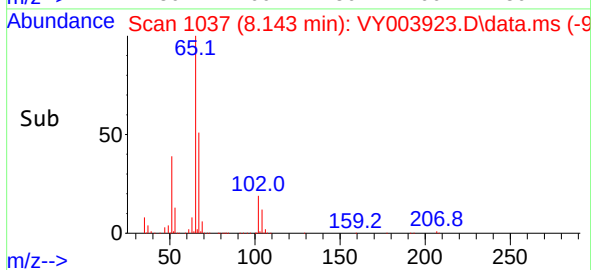
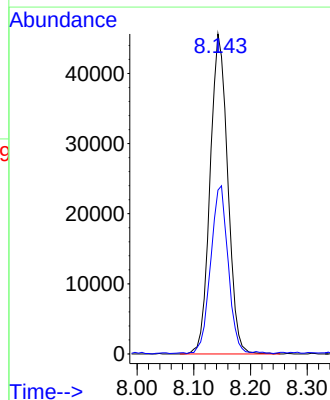
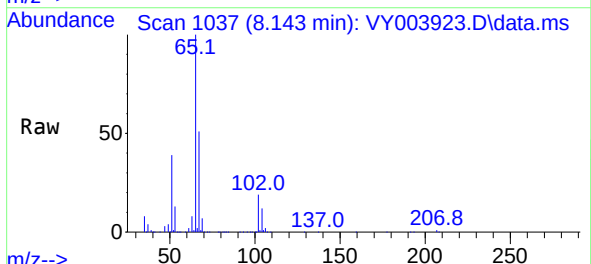
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

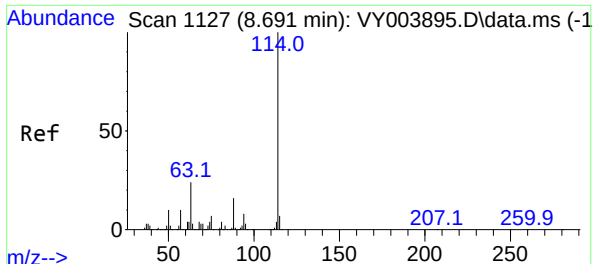
Tgt Ion:168 Resp: 187640
Ion Ratio Lower Upper
168 100
99 53.0 40.4 60.6



#33
1,2-Dichloroethane-d4
Concen: 33.77 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

Tgt Ion: 65 Resp: 98415
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.2



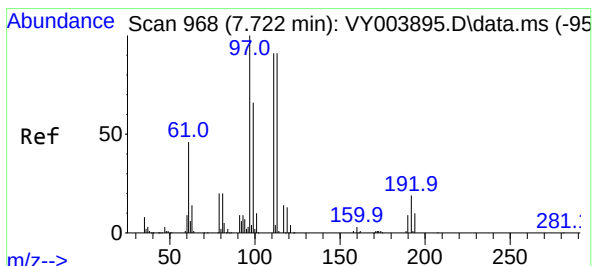
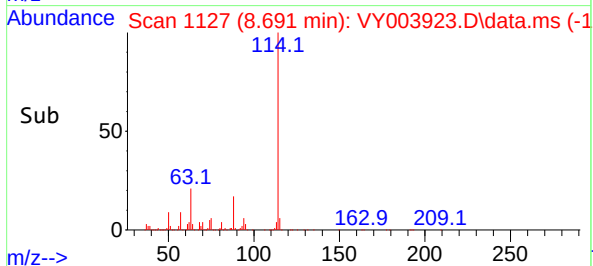
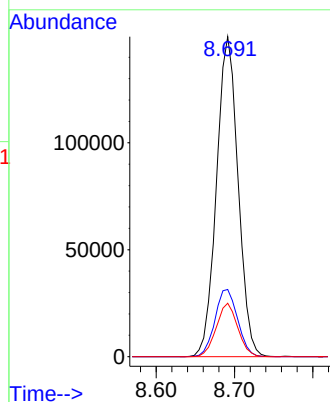
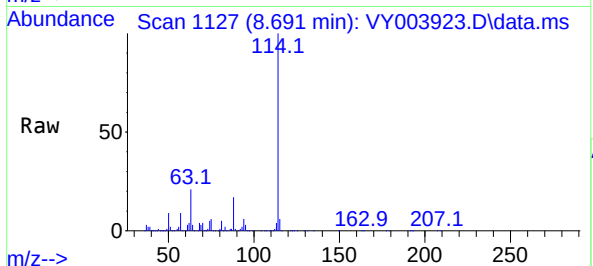


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

Instrument :
MSVOA_Y
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TOPSOIL-RBF-ASHCROFT

Tgt Ion:114 Resp: 286968

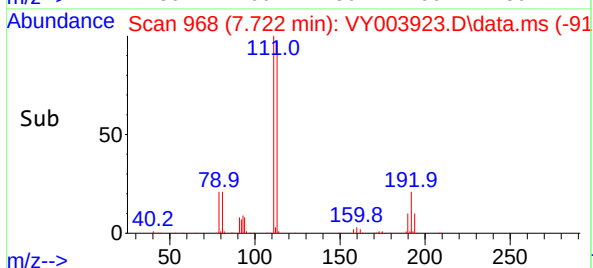
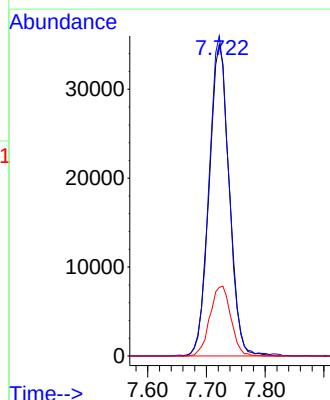
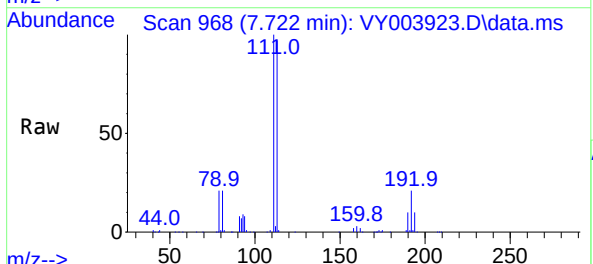
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	38.8
88	16.7	0.0	31.4

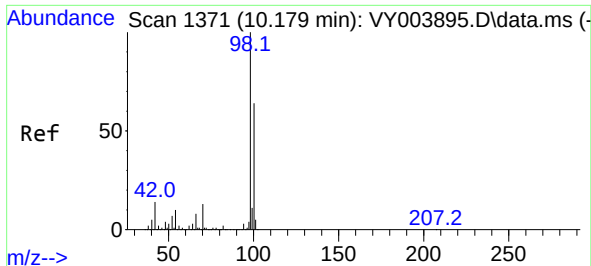


#35
Dibromofluoromethane
Concen: 35.56 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

Tgt Ion:113 Resp: 83386

Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.0	124.6
192	23.3	19.8	29.6

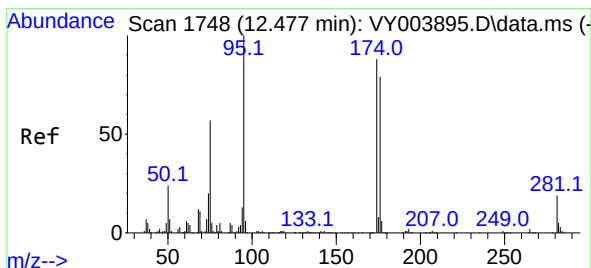
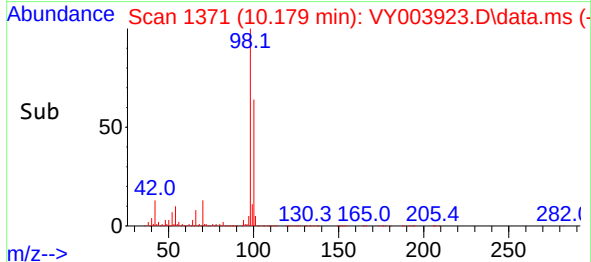
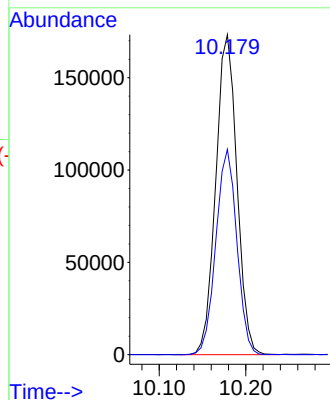
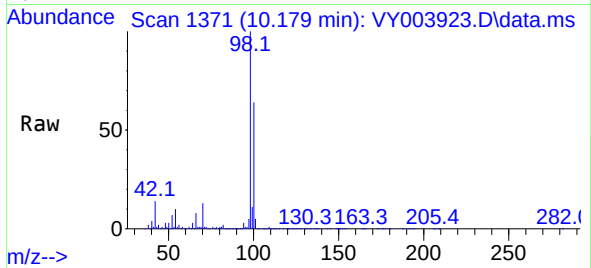




#50
Toluene-d8
Concen: 30.98 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

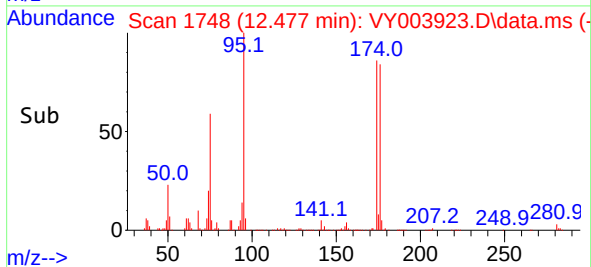
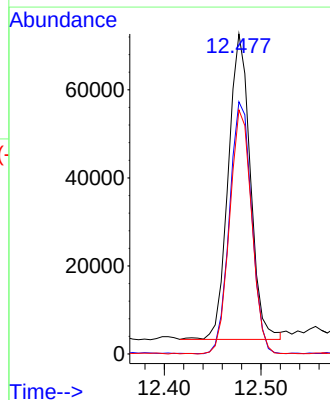
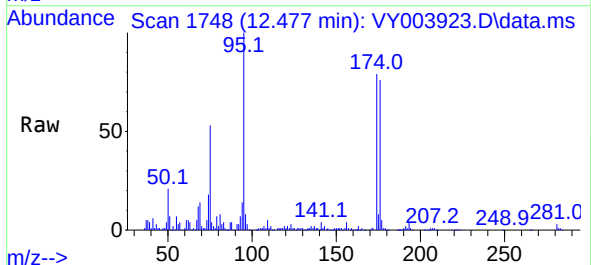
Instrument :
MSVOA_Y
ClientSampleId :
TOPSOIL-RBF-ASHCROFT

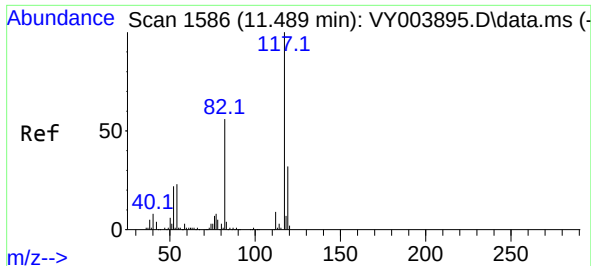
Tgt Ion: 98 Resp: 294414
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 31.61 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

Tgt Ion: 95 Resp: 109727
Ion Ratio Lower Upper
95 100
174 83.0 0.0 193.2
176 80.0 0.0 187.0

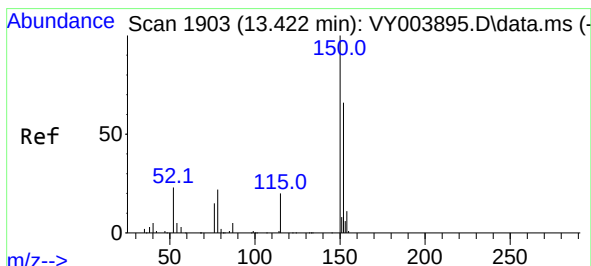
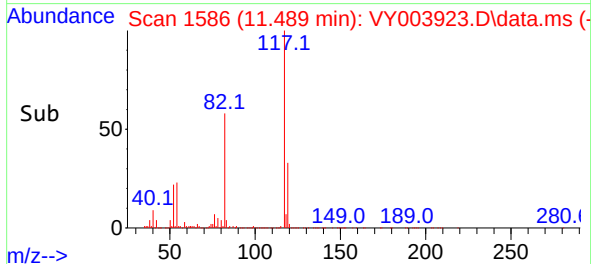
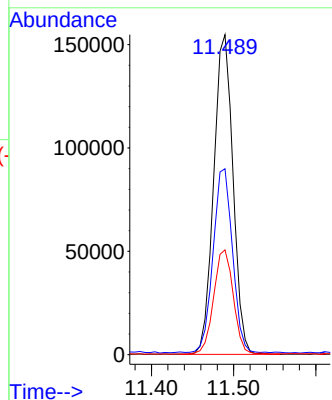
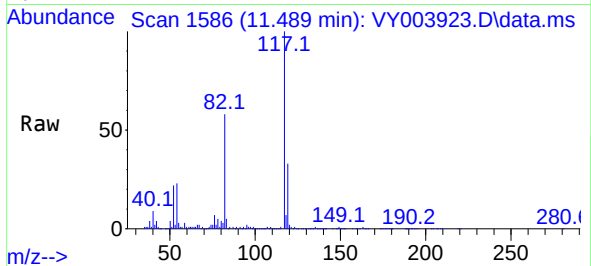




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003923.D
Acq: 14 Jan 2021 16:51

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:117 Resp: 251779
Ion Ratio Lower Upper
117 100
82 57.4 43.9 65.9
119 32.6 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: VY003923.D
Acq: 14 Jan 2021 16:51

Tgt Ion:152 Resp: 119442
Ion Ratio Lower Upper
152 100
115 53.1 27.9 83.7
150 146.6 0.0 356.4

