

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011639.D
 Acq On : 30 Nov 2022 14:29
 Operator : KP/MD
 Sample : N5802-02
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Dec 01 05:23:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	160890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	297172	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	118988	72.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.660%
35) Dibromofluoromethane	7.716	113	100228	53.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.840%
50) Toluene-d8	10.179	98	373953	55.365	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.720%
62) 4-Bromofluorobenzene	12.483	95	120645	48.310	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.620%

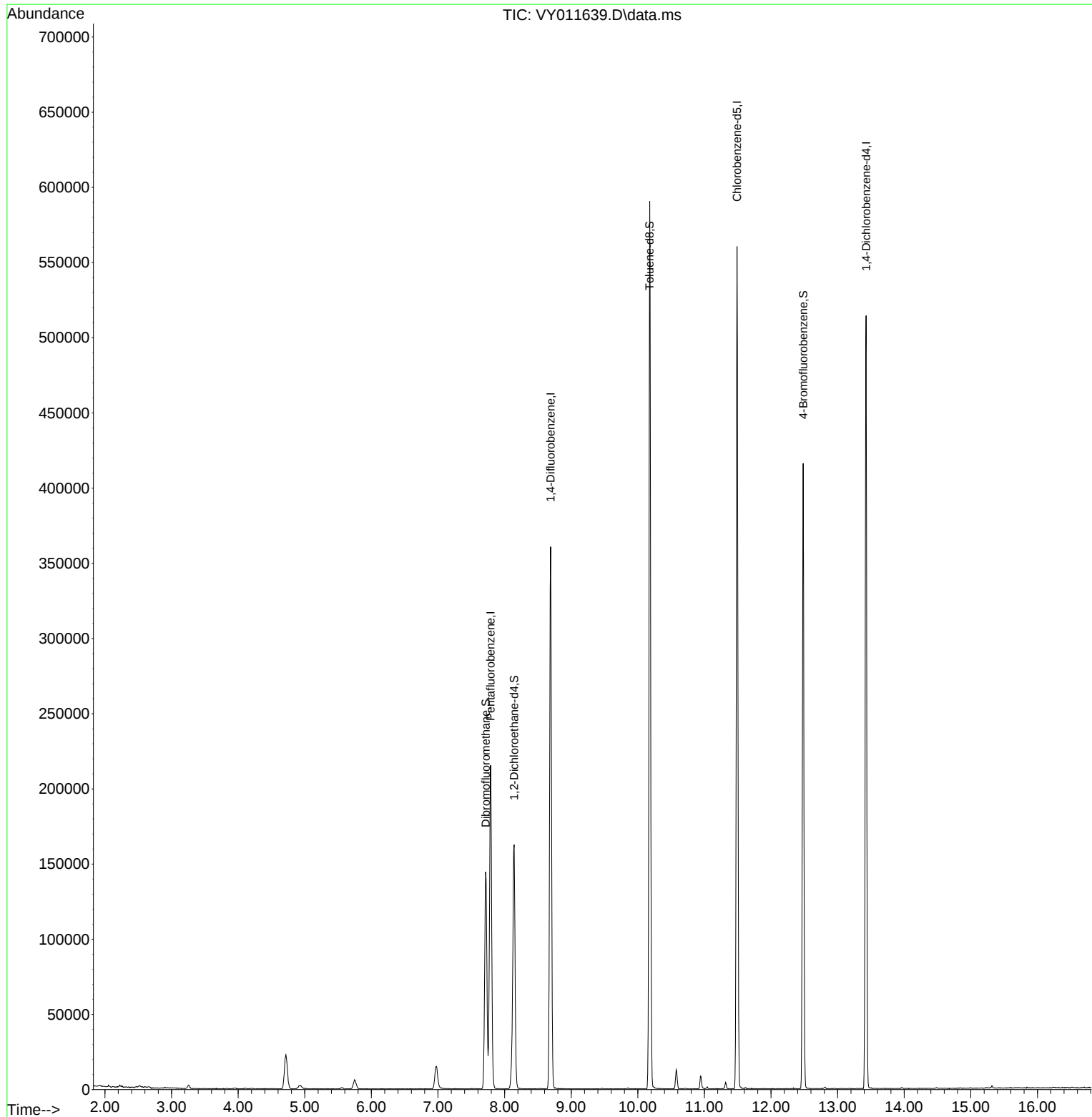
Target Compounds	Qvalue

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

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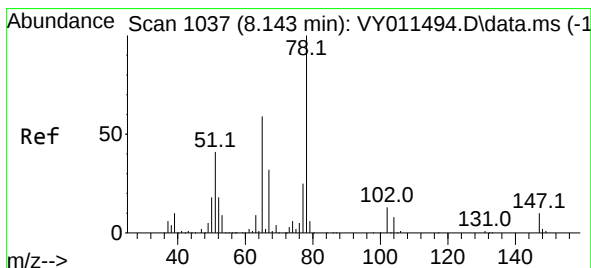
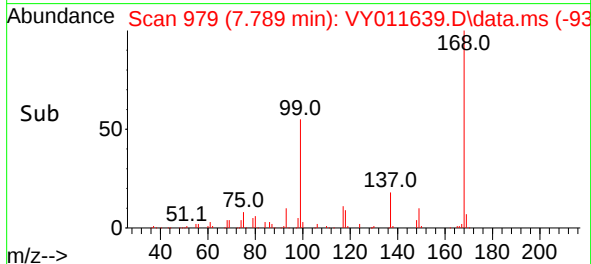
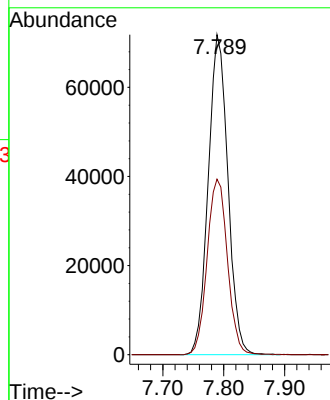
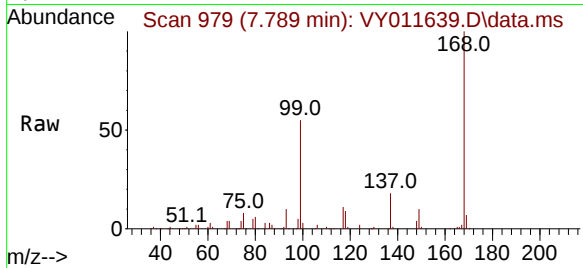




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011639.D
Acq: 30 Nov 2022 14:29

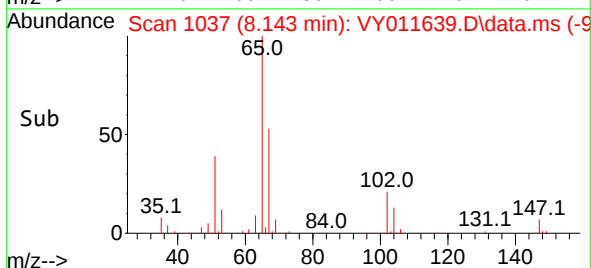
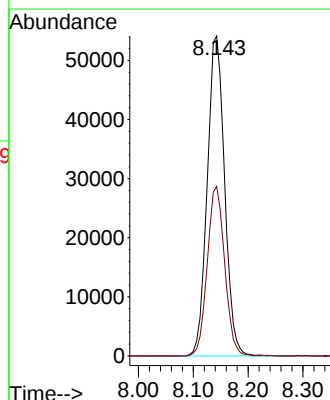
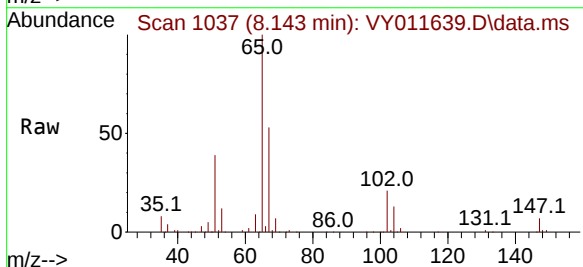
Instrument :
MSVOA_Y
ClientSampleId :
VOC

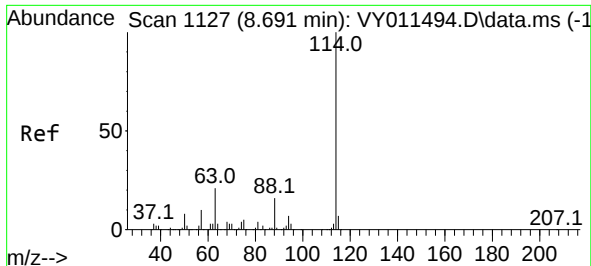
Tgt Ion:168 Resp: 160890
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 72.835 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011639.D
Acq: 30 Nov 2022 14:29

Tgt Ion: 65 Resp: 118988
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4

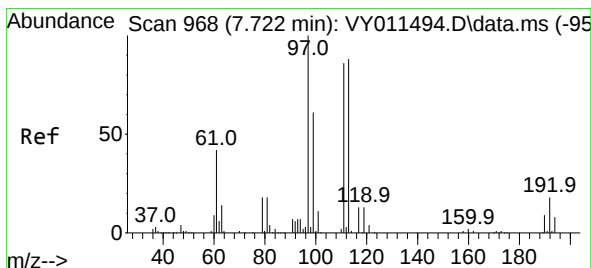
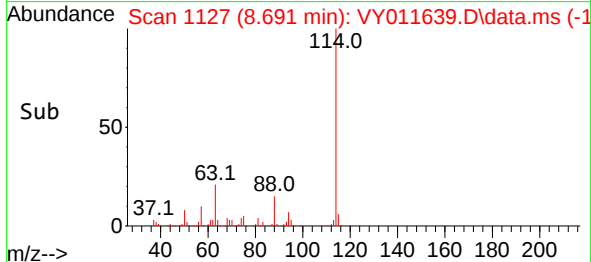
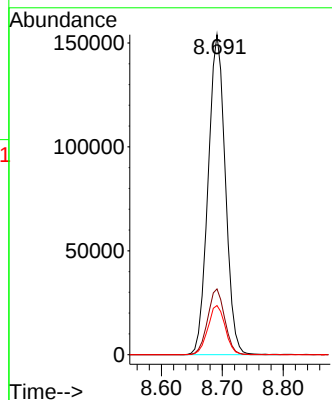
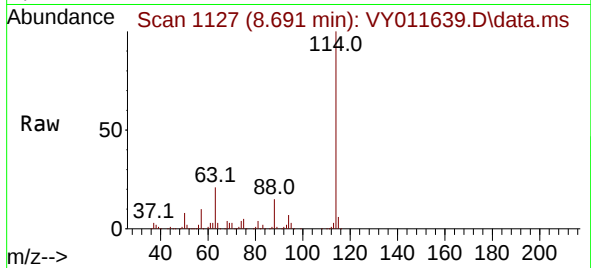




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY011639.D
Acq: 30 Nov 2022 14:29

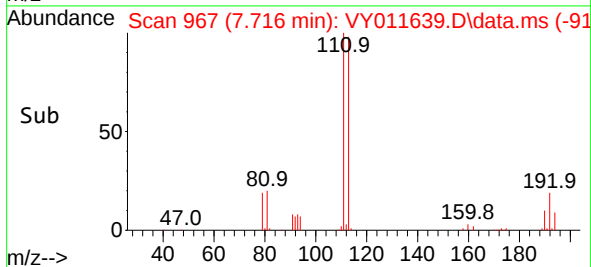
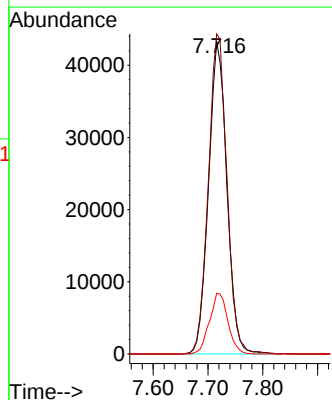
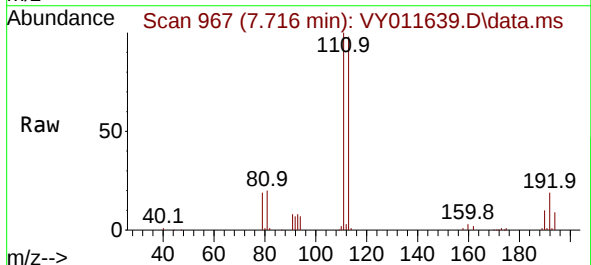
Instrument :
MSVOA_Y
ClientSampleId :
VOC

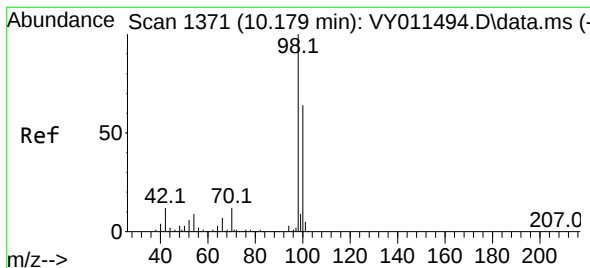
Tgt Ion:114 Resp: 301938
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.923 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY011639.D
Acq: 30 Nov 2022 14:29

Tgt Ion:113 Resp: 100228
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 19.5 17.6 26.4

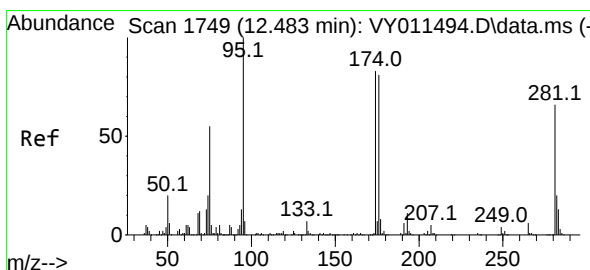
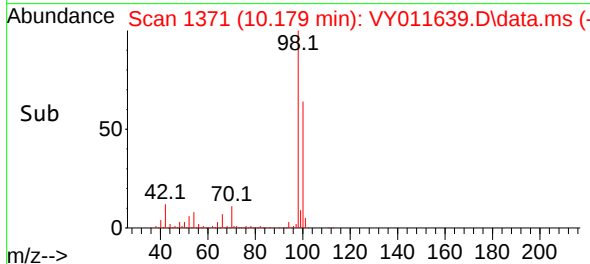
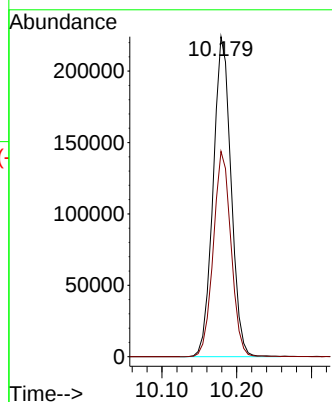
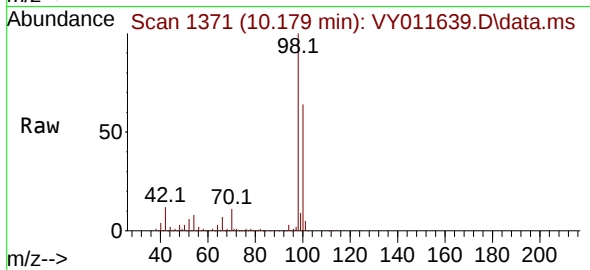




#50
Toluene-d8
Concen: 55.365 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011639.D
Acq: 30 Nov 2022 14:29

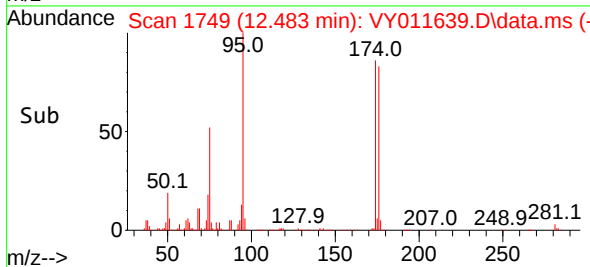
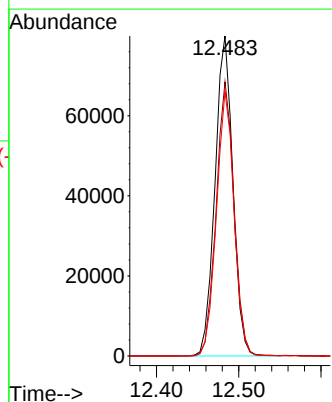
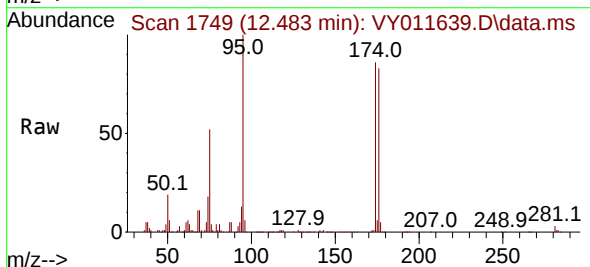
Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion: 98 Resp: 373953
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.310 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011639.D
Acq: 30 Nov 2022 14:29

Tgt Ion: 95 Resp: 120645
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 81.5 0.0 175.8

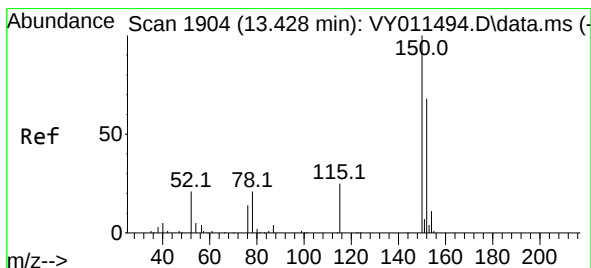
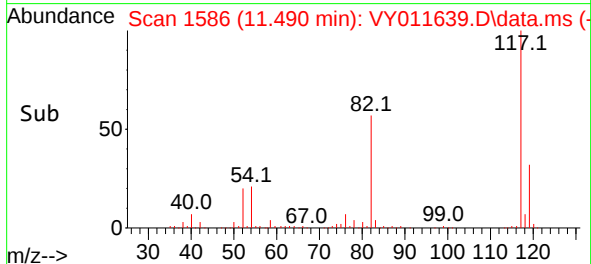
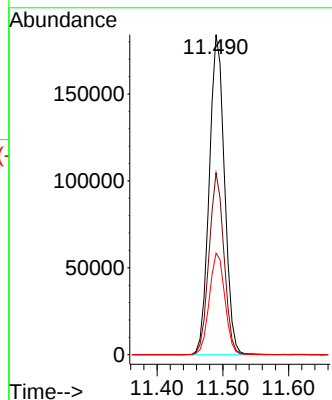
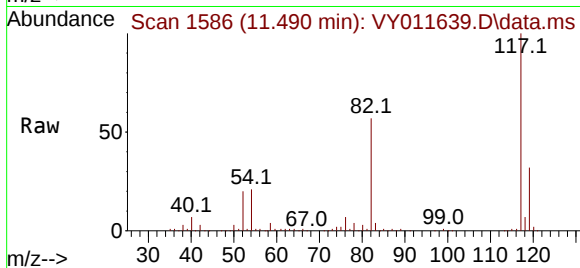




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011639.D
Acq: 30 Nov 2022 14:29

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Tgt Ion:117 Resp: 297172
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011639.D
Acq: 30 Nov 2022 14:29

Tgt Ion:152 Resp: 131968
Ion Ratio Lower Upper
152 100
115 57.0 28.2 84.7
150 155.6 0.0 347.6

