

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012276.D
 Acq On : 19 Jan 2023 19:18
 Operator : KP/MD
 Sample : 01217-01
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BORING-4

Quant Time: Jan 20 03:26:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	271872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	458035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	441233	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	211274	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	149480	67.726	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.460%
35) Dibromofluoromethane	7.716	113	138680	57.181	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.360%
50) Toluene-d8	10.179	98	535388	65.013	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	130.020%
62) 4-Bromofluorobenzene	12.483	95	192151	56.202	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.400%

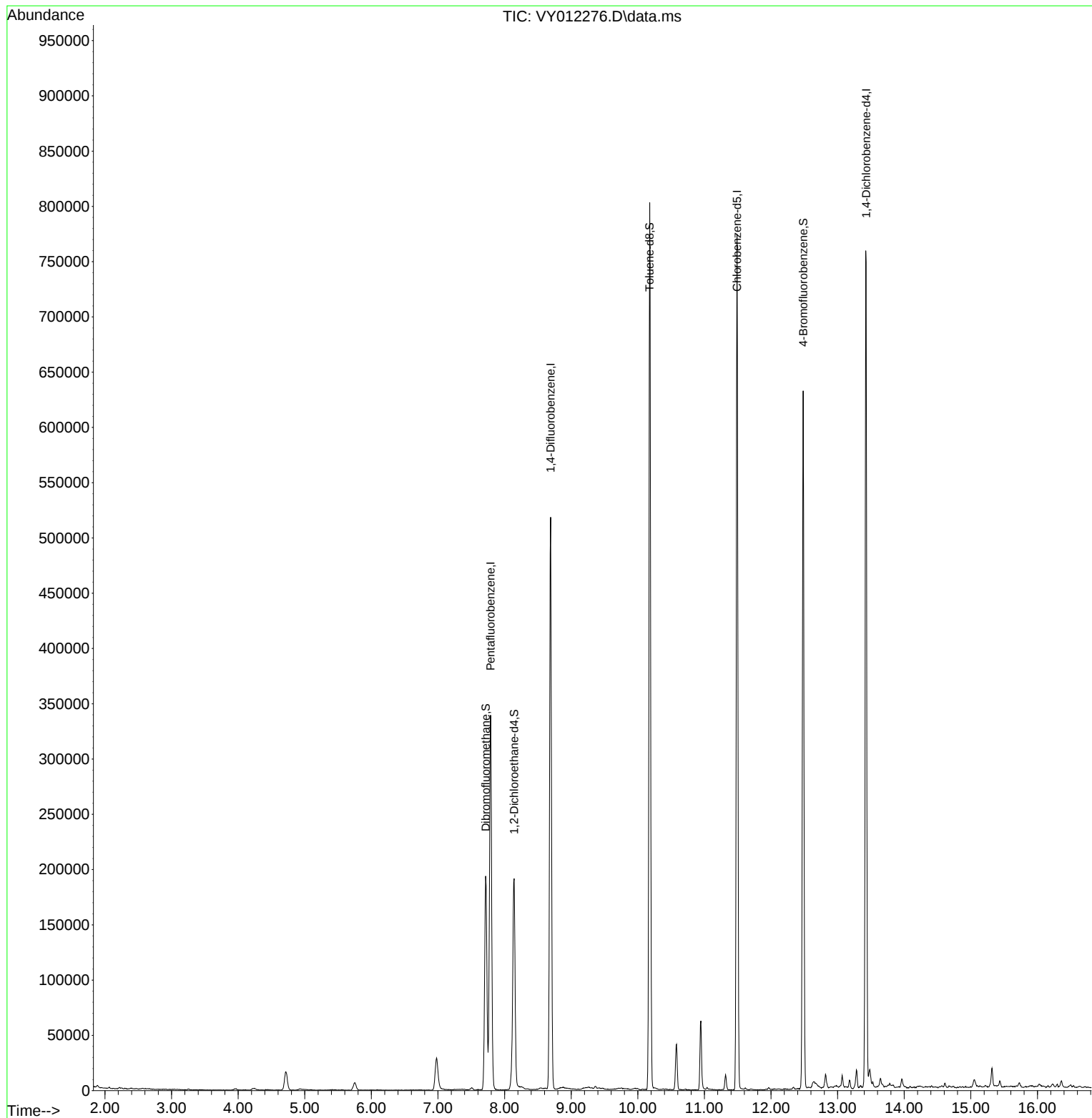
Target Compounds	Qvalue

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

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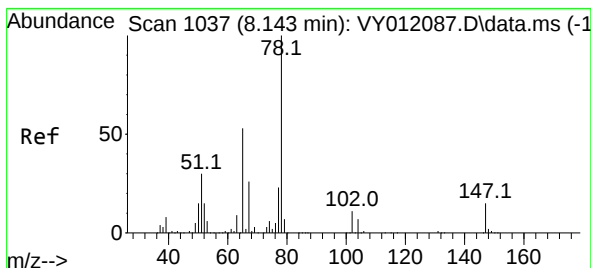
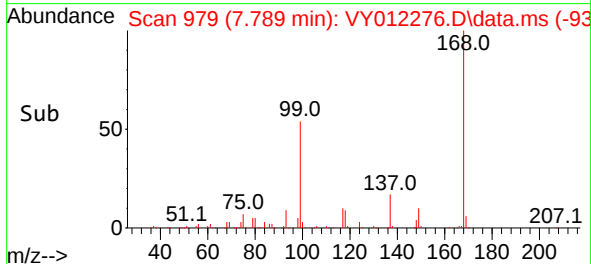
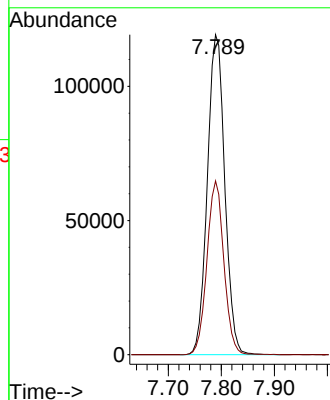
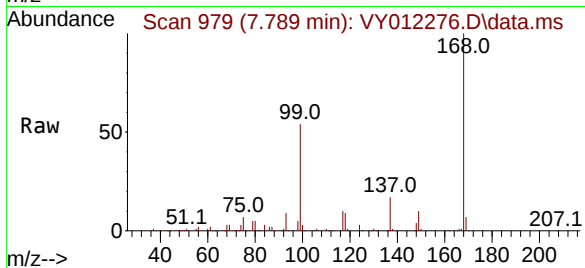




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012276.D
Acq: 19 Jan 2023 19:18

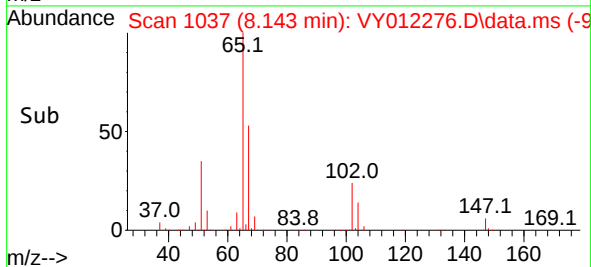
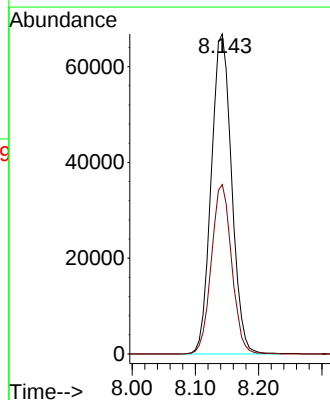
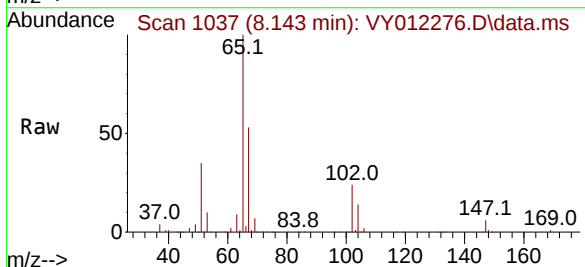
Instrument :
MSVOA_Y
ClientSampleId :
BORING-4

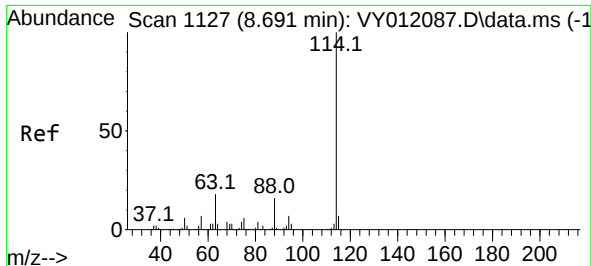
Tgt Ion:168 Resp: 271872
Ion Ratio Lower Upper
168 100
99 54.3 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 67.726 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012276.D
Acq: 19 Jan 2023 19:18

Tgt Ion: 65 Resp: 149480
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.2

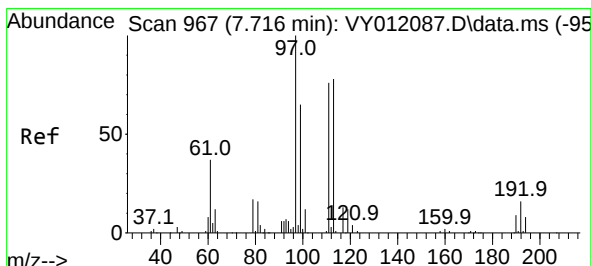
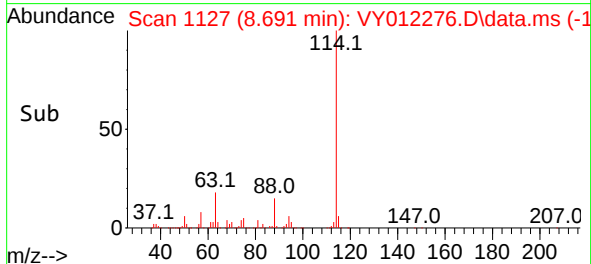
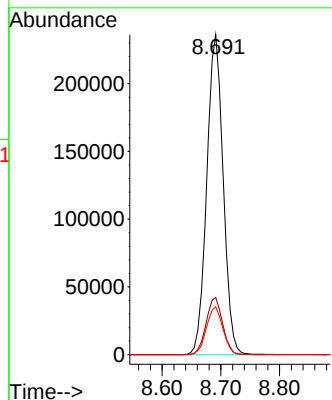
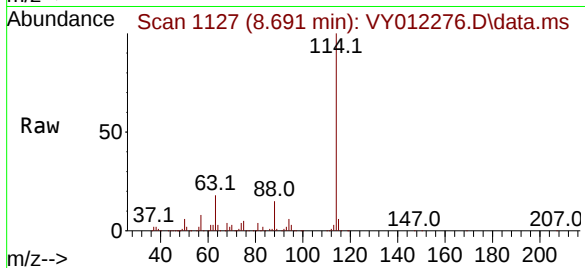




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012276.D
Acq: 19 Jan 2023 19:18

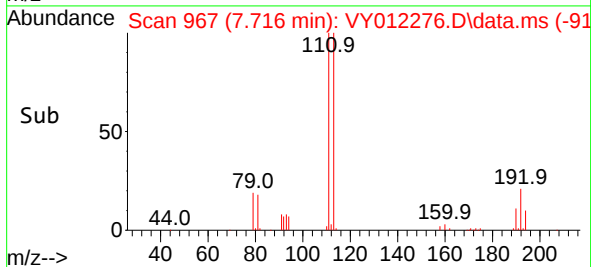
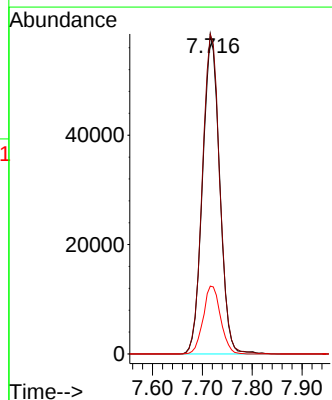
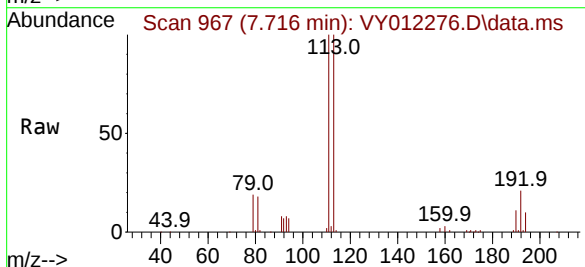
Instrument :
MSVOA_Y
ClientSampleId :
BORING-4

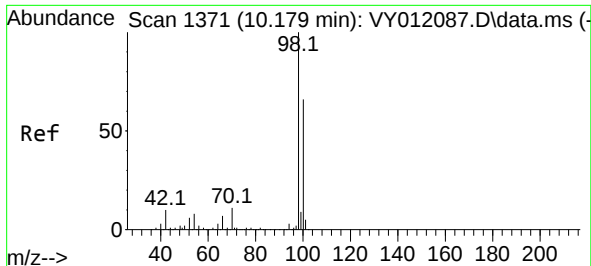
Tgt Ion:114 Resp: 458035
Ion Ratio Lower Upper
114 100
63 17.9 0.0 39.6
88 14.9 0.0 32.2



#35
Dibromofluoromethane
Concen: 57.181 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012276.D
Acq: 19 Jan 2023 19:18

Tgt Ion:113 Resp: 138680
Ion Ratio Lower Upper
113 100
111 101.8 83.0 124.4
192 21.7 16.0 24.0

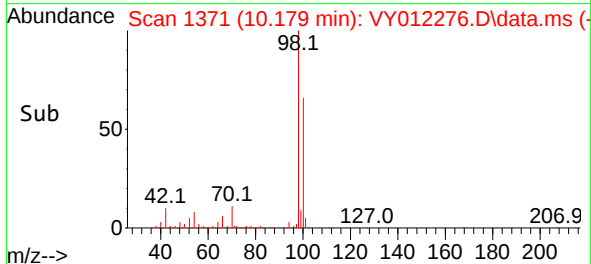
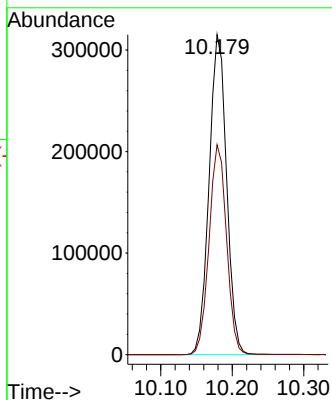
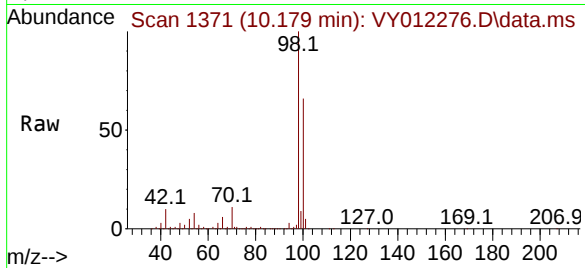




#50
Toluene-d8
Concen: 65.013 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012276.D
Acq: 19 Jan 2023 19:18

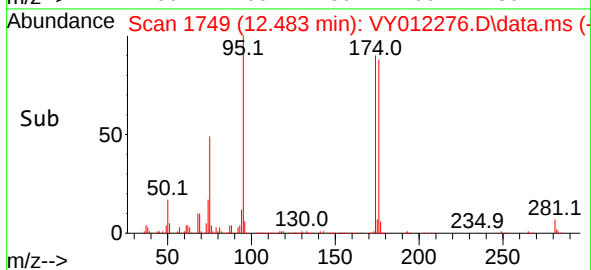
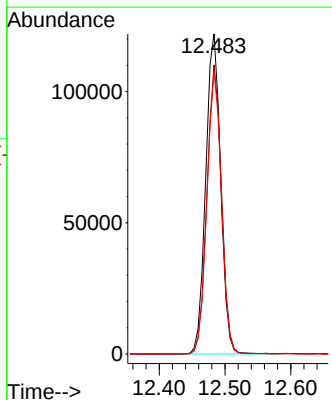
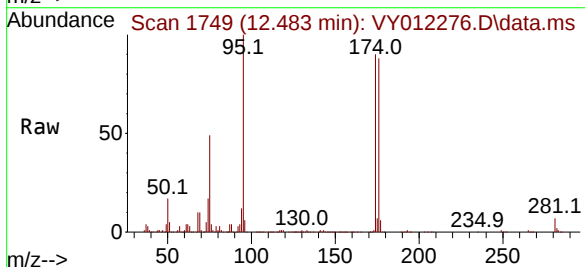
Instrument :
MSVOA_Y
ClientSampleId :
BORING-4

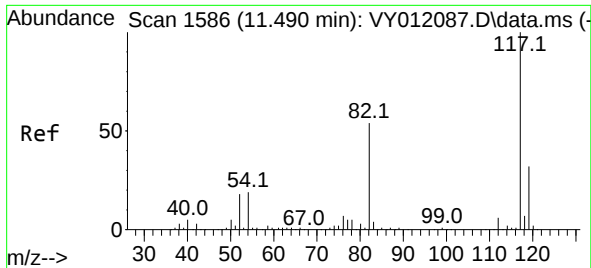
Tgt Ion: 98 Resp: 535388
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.202 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012276.D
Acq: 19 Jan 2023 19:18

Tgt Ion: 95 Resp: 192151
Ion Ratio Lower Upper
95 100
174 88.9 0.0 172.0
176 85.9 0.0 167.6

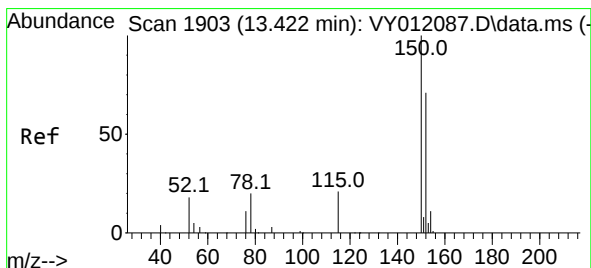
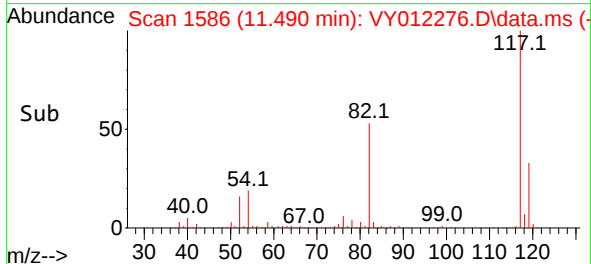
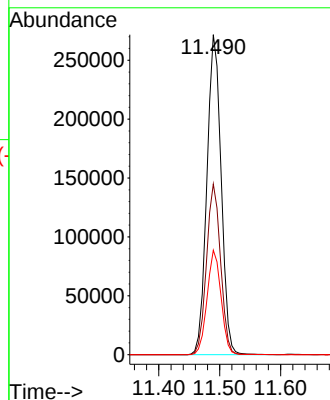
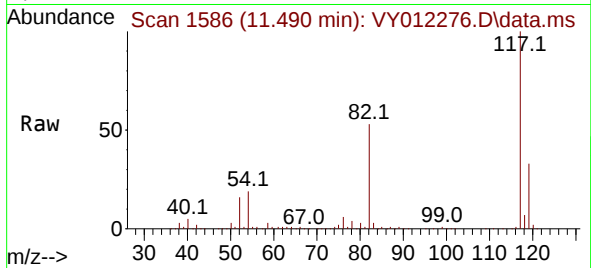




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012276.D
Acq: 19 Jan 2023 19:18

Instrument :
MSVOA_Y
ClientSampleId :
BORING-4

Tgt Ion:117 Resp: 441233
Ion Ratio Lower Upper
117 100
82 53.3 44.8 67.2
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012276.D
Acq: 19 Jan 2023 19:18

Tgt Ion:152 Resp: 211274
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 156.7 0.0 342.6

