

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011704.D
 Acq On : 05 Dec 2022 18:13
 Operator : KP/MD
 Sample : N5870-05RE
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-5RE

Quant Time: Dec 06 00:37:52 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	15107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	23669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	21532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7325	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	10306	67.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.380%
35) Dibromofluoromethane	7.716	113	8739	59.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	119.960%
50) Toluene-d8	10.179	98	28727	54.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.520%
62) 4-Bromofluorobenzene	12.483	95	7324	37.412	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.820%

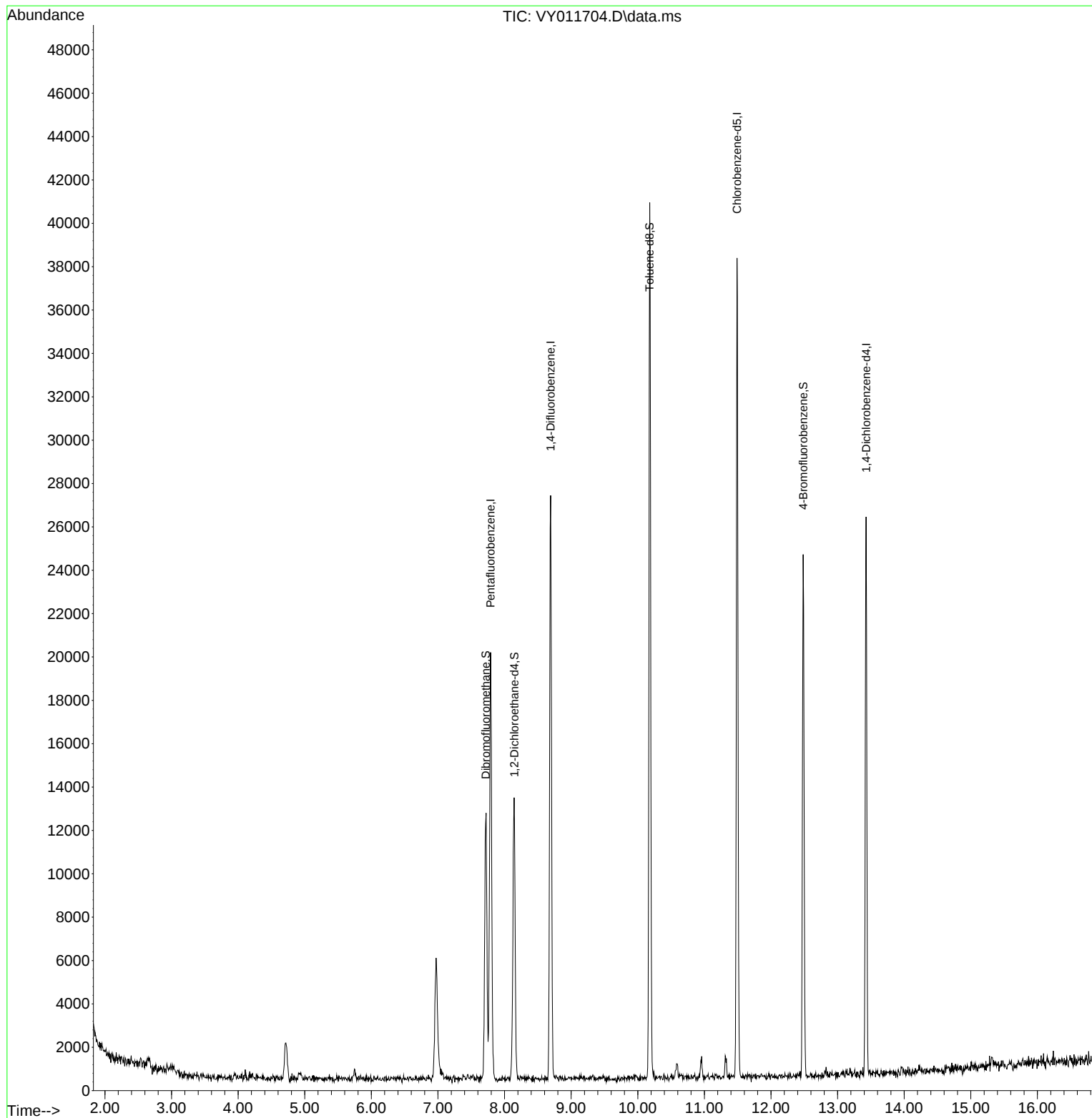
Target Compounds	Qvalue

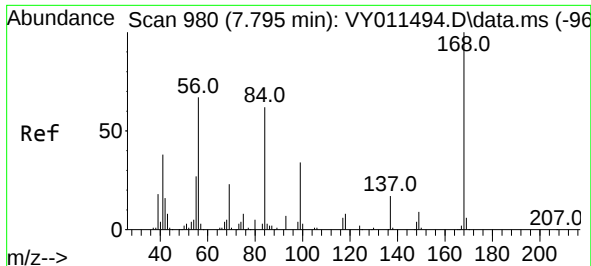
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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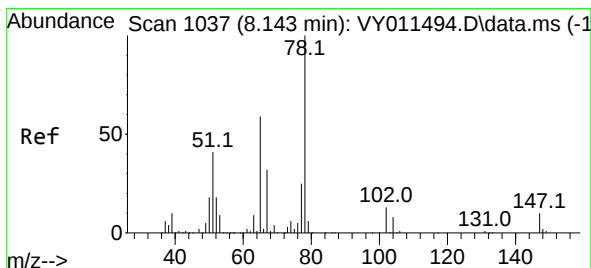
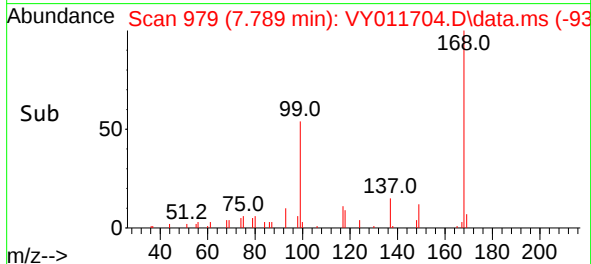
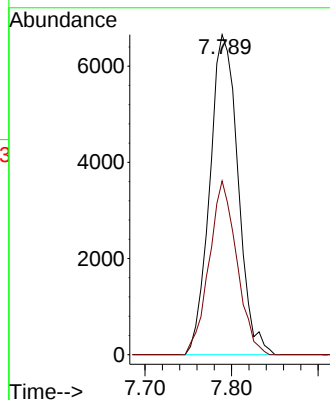
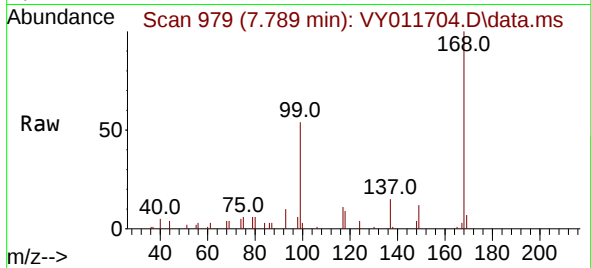




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011704.D
Acq: 05 Dec 2022 18:13

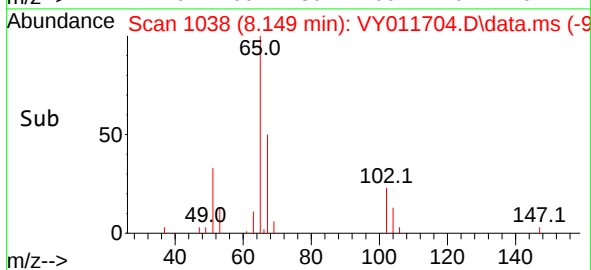
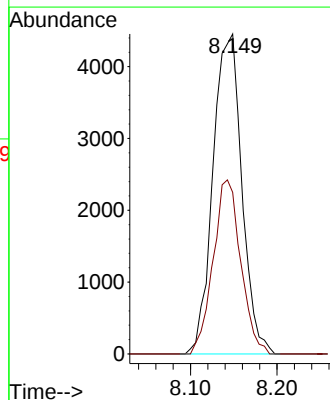
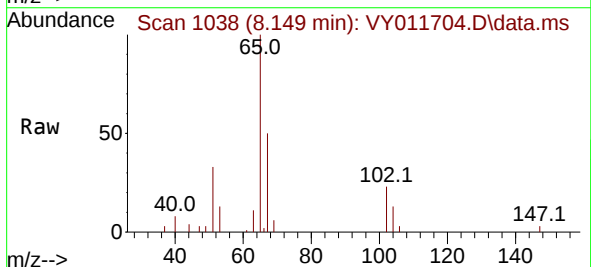
Instrument :
MSVOA_Y
ClientSampleId :
ML-5RE

Tgt Ion:168 Resp: 15107
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.186 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY011704.D
Acq: 05 Dec 2022 18:13

Tgt Ion: 65 Resp: 10306
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4

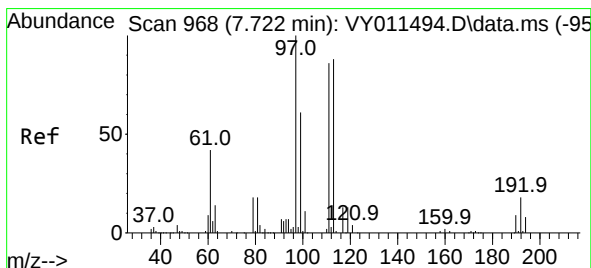
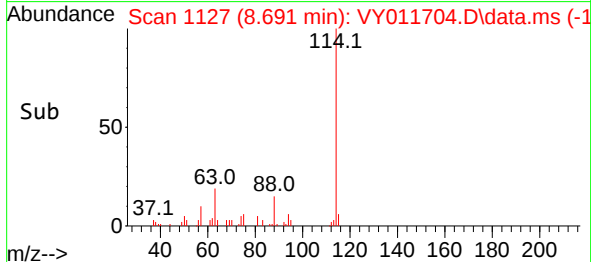
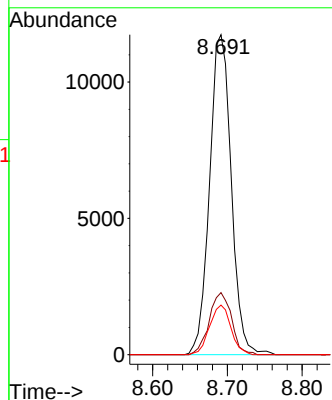
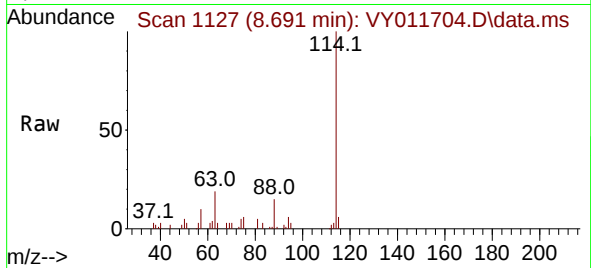




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011704.D
 Acq: 05 Dec 2022 18:13

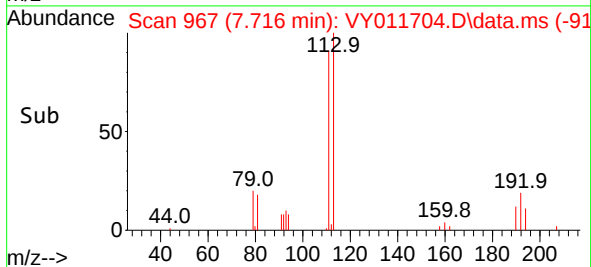
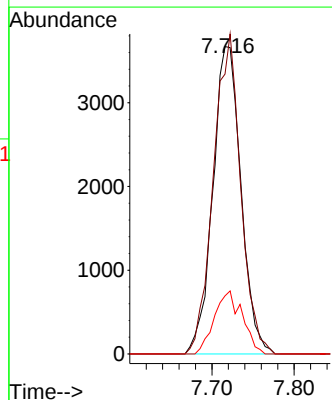
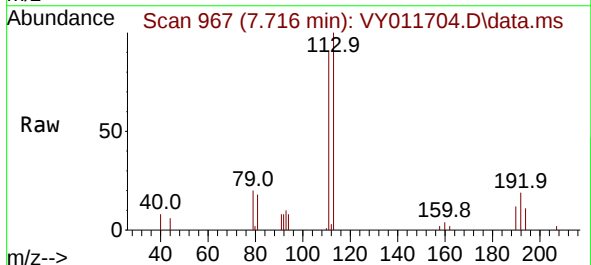
Instrument :
 MSVOA_Y
 ClientSampleId :
 ML-5RE

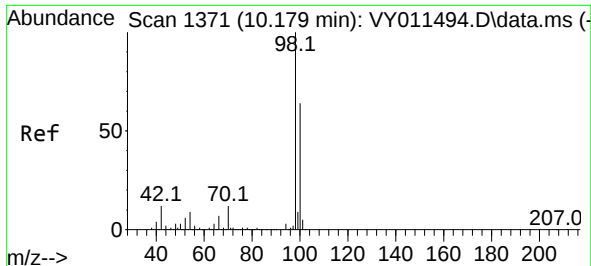
Tgt Ion:114	Resp:	23669
Ion Ratio	Lower	Upper
114	100	
63	19.4	0.0 43.2
88	15.5	0.0 31.8



#35
 Dibromofluoromethane
 Concen: 59.977 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.006 min
 Lab File: VY011704.D
 Acq: 05 Dec 2022 18:13

Tgt Ion:113	Resp:	8739
Ion Ratio	Lower	Upper
113	100	
111	100.6	82.6 124.0
192	20.3	17.6 26.4

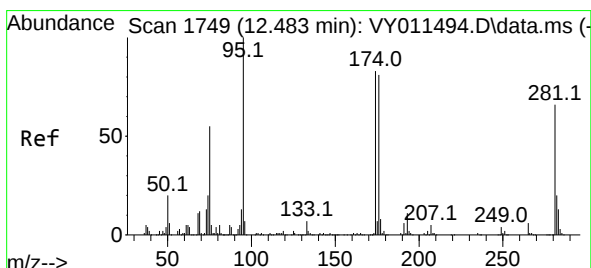
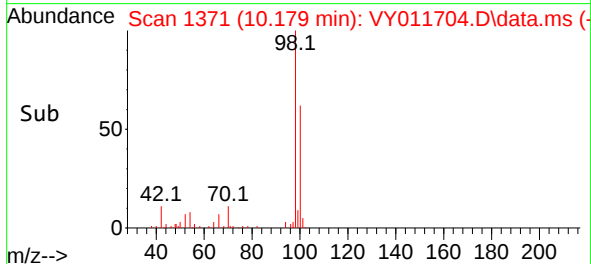
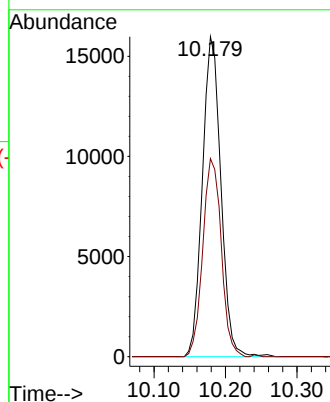
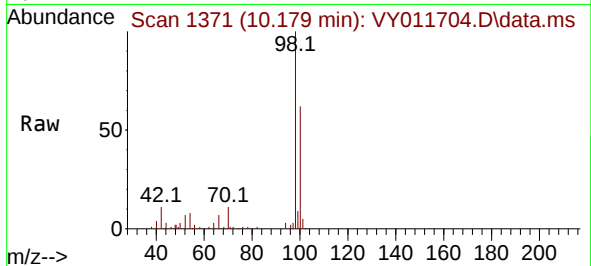




#50
Toluene-d8
Concen: 54.255 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011704.D
Acq: 05 Dec 2022 18:13

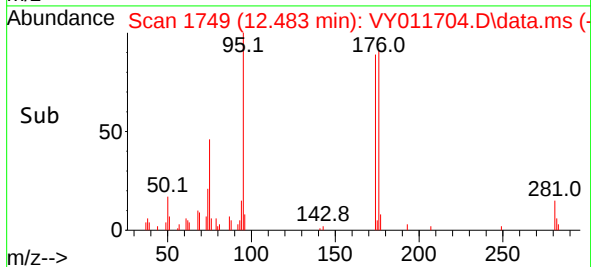
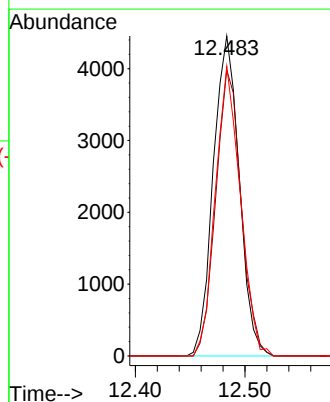
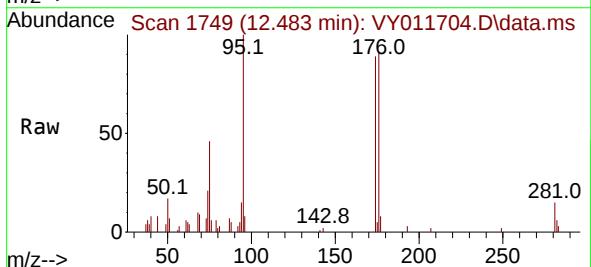
Instrument :
MSVOA_Y
ClientSampleId :
ML-5RE

Tgt Ion: 98 Resp: 28727
Ion Ratio Lower Upper
98 100
100 61.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 37.412 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011704.D
Acq: 05 Dec 2022 18:13

Tgt Ion: 95 Resp: 7324
Ion Ratio Lower Upper
95 100
174 87.5 0.0 177.0
176 87.2 0.0 175.8

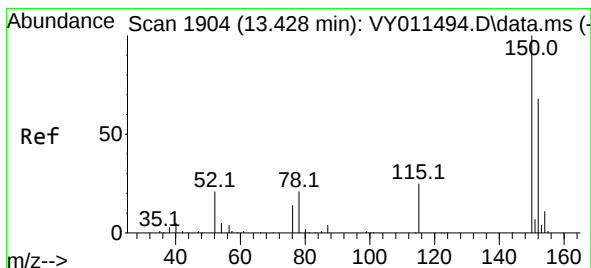
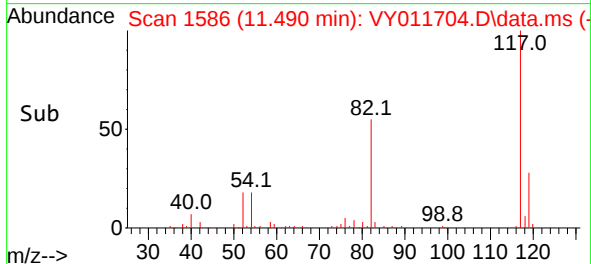
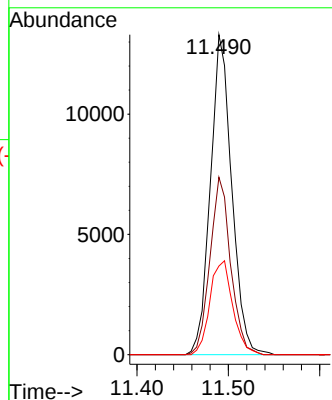
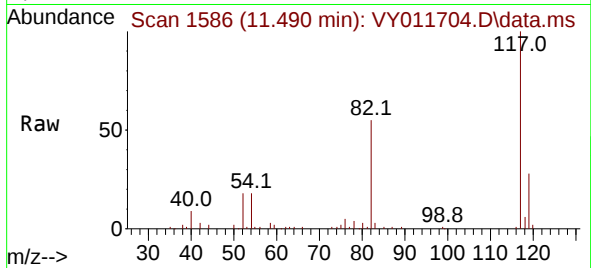




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011704.D
Acq: 05 Dec 2022 18:13

Instrument :
MSVOA_Y
ClientSampleId :
ML-5RE

Tgt Ion:117 Resp: 21532
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 27.7 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: VY011704.D
Acq: 05 Dec 2022 18:13

Tgt Ion:152 Resp: 7325
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 157.2 0.0 347.6

