

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012904.D
 Acq On : 09 Mar 2023 17:14
 Operator : KP/MD
 Sample : 01846-01
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Mar 10 00:33:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	79809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	136360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	125608	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	57430	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52292	65.992	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.980%
35) Dibromofluoromethane	7.716	113	46105	56.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.060%
50) Toluene-d8	10.179	98	160485	53.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.680%
62) 4-Bromofluorobenzene	12.477	95	48665	47.925	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.860%

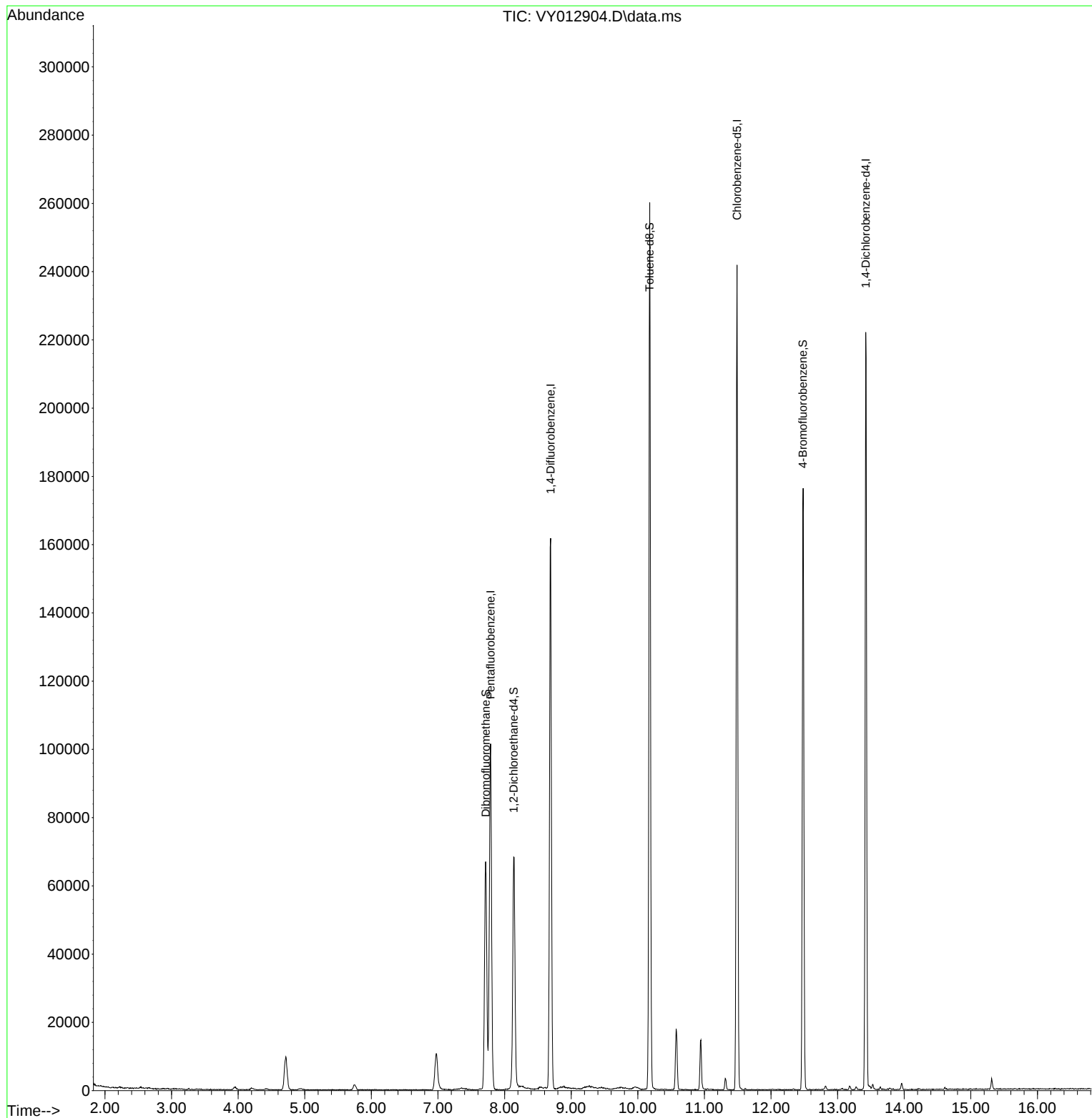
Target Compounds	Qvalue

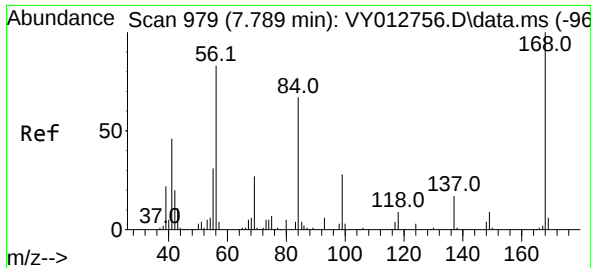
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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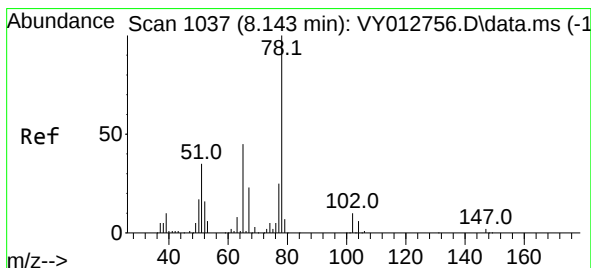
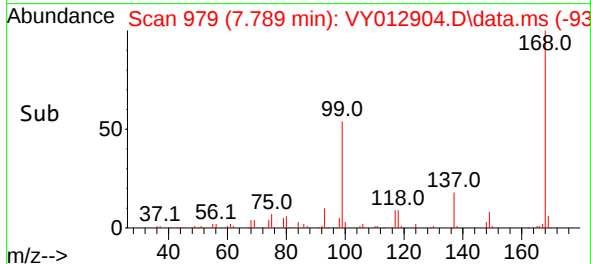
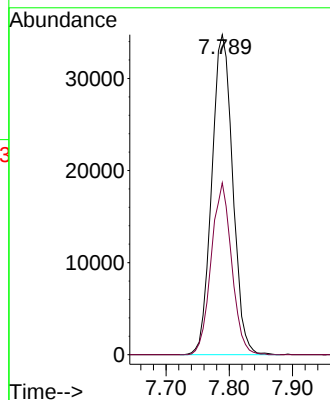
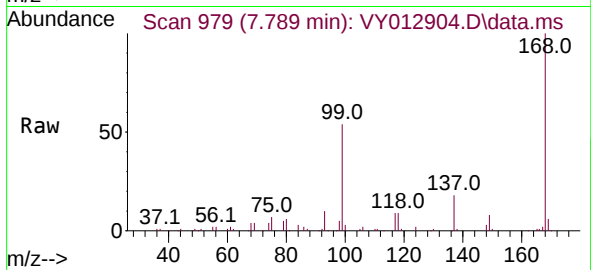




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012904.D
Acq: 09 Mar 2023 17:14

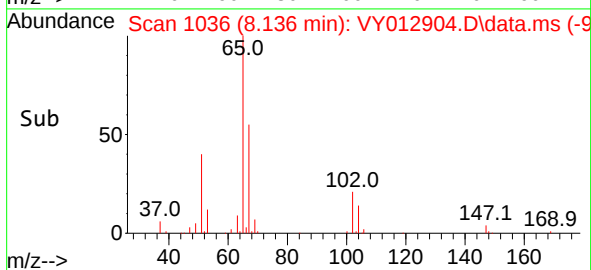
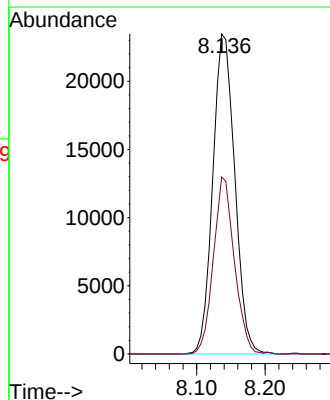
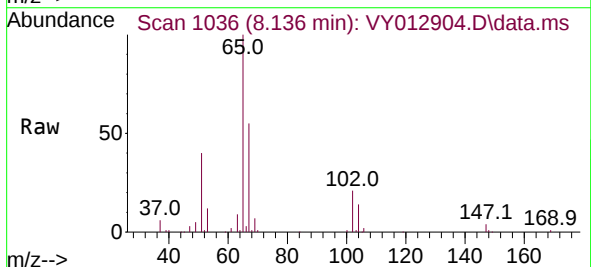
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

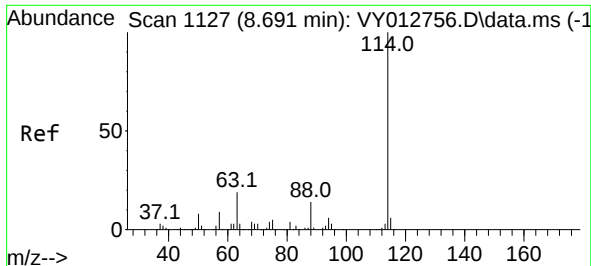
Tgt Ion:168 Resp: 79809
Ion Ratio Lower Upper
168 100
99 53.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.992 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY012904.D
Acq: 09 Mar 2023 17:14

Tgt Ion: 65 Resp: 52292
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0

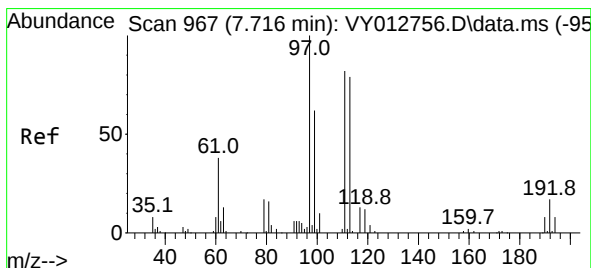
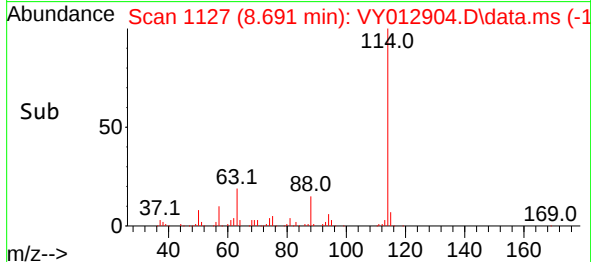
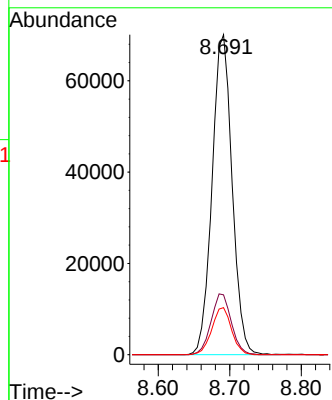
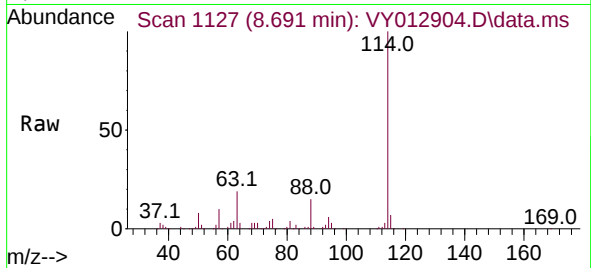




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012904.D
Acq: 09 Mar 2023 17:14

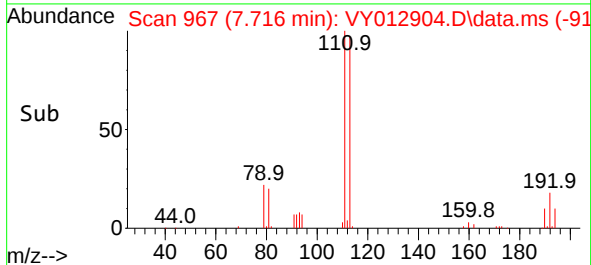
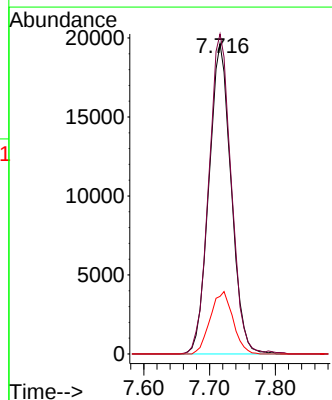
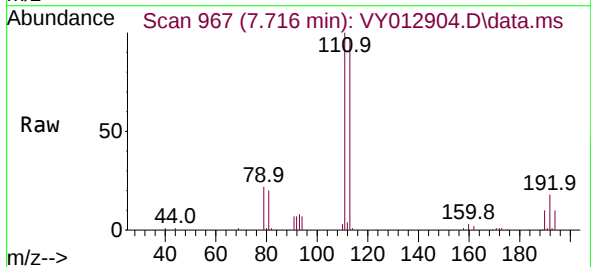
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

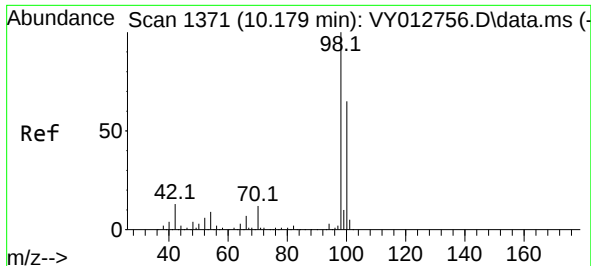
Tgt Ion:114 Resp: 136360
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.4
88 14.7 0.0 28.6



#35
Dibromofluoromethane
Concen: 56.025 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012904.D
Acq: 09 Mar 2023 17:14

Tgt Ion:113 Resp: 46105
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 20.6 16.8 25.2

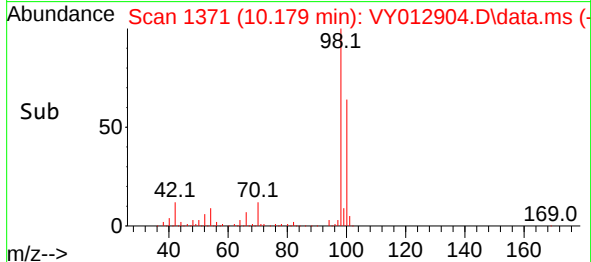
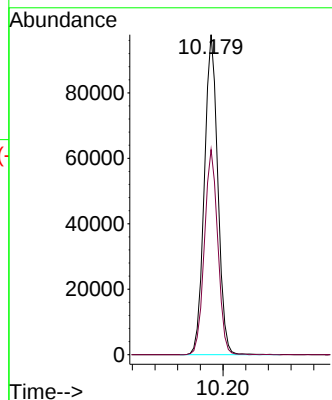
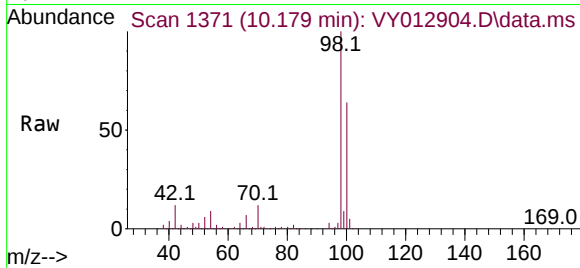




#50
Toluene-d8
Concen: 53.344 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012904.D
Acq: 09 Mar 2023 17:14

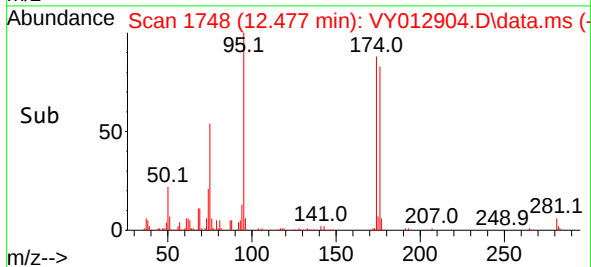
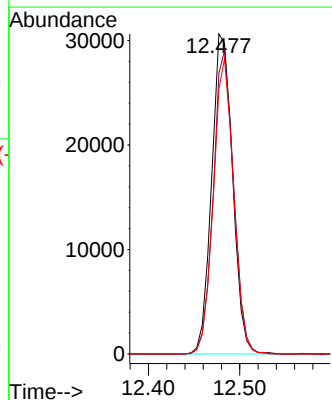
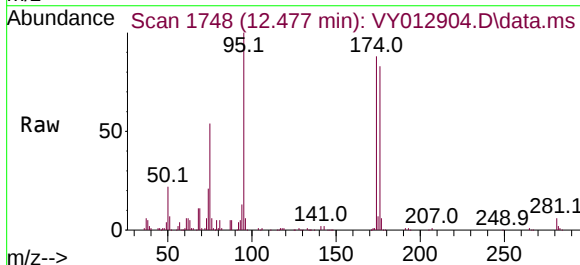
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

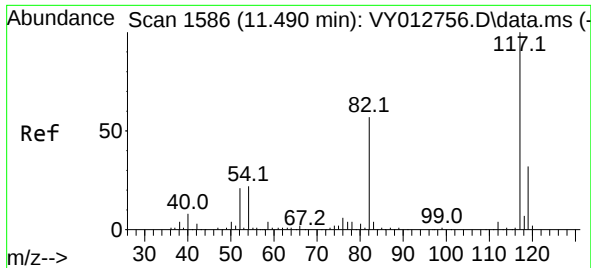
Tgt Ion: 98 Resp: 160485
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.925 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012904.D
Acq: 09 Mar 2023 17:14

Tgt Ion: 95 Resp: 48665
Ion Ratio Lower Upper
95 100
174 92.6 0.0 176.6
176 89.3 0.0 170.2

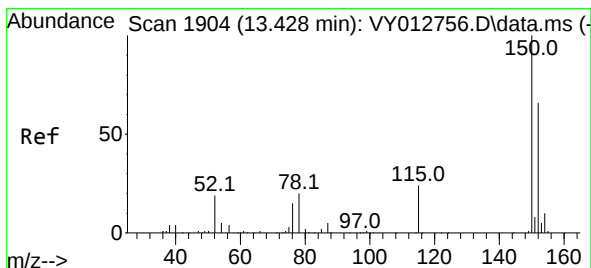
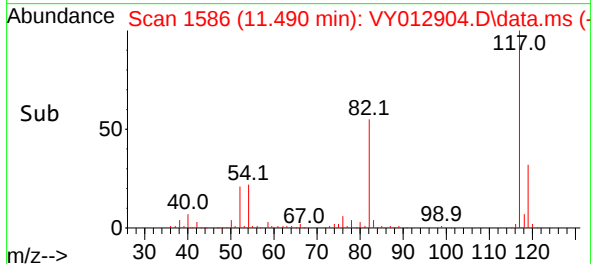
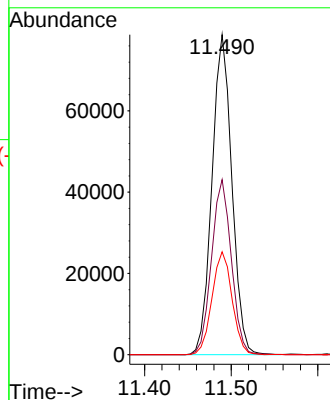
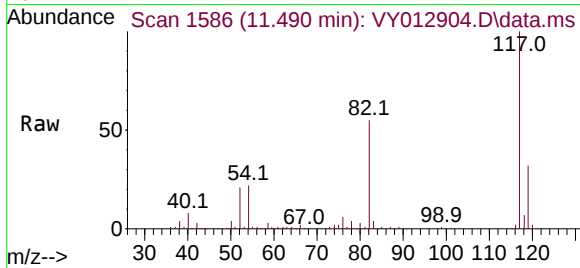




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012904.D
Acq: 09 Mar 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 125608
Ion Ratio Lower Upper
117 100
82 54.7 45.4 68.0
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012904.D
Acq: 09 Mar 2023 17:14

Tgt Ion:152 Resp: 57430
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.3
150 156.7 0.0 347.8

