

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012806.D
 Acq On : 03 Mar 2023 19:05
 Operator : KP/MD
 Sample : 01749-12
 Misc : 6.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-14

Quant Time: Mar 04 01:27:09 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	124741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	173971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	79228	63.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.940%
35) Dibromofluoromethane	7.716	113	74316	59.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.360%
50) Toluene-d8	10.179	98	249605	54.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.740%
62) 4-Bromofluorobenzene	12.483	95	73295	47.305	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.600%

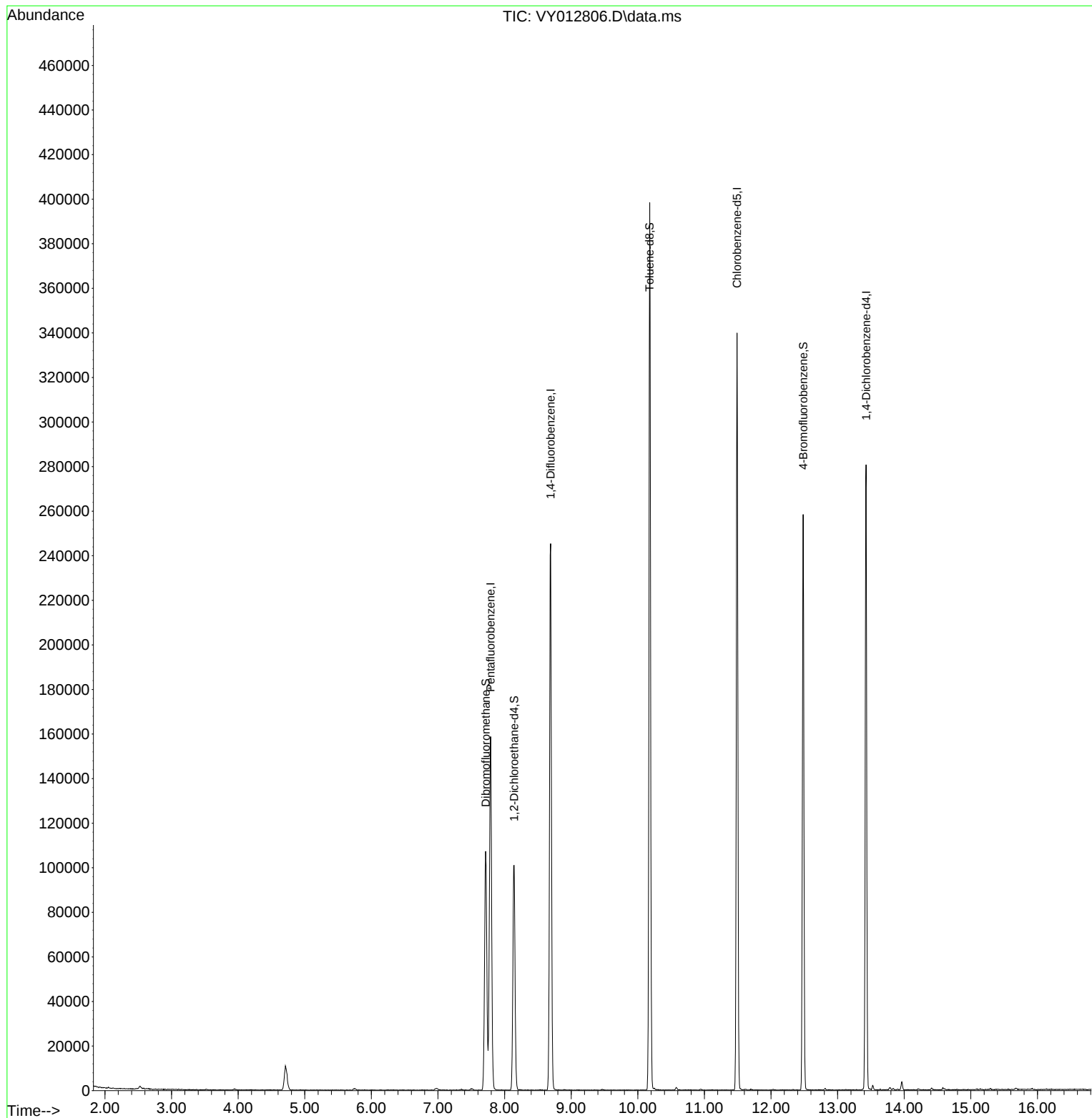
Target Compounds	Qvalue

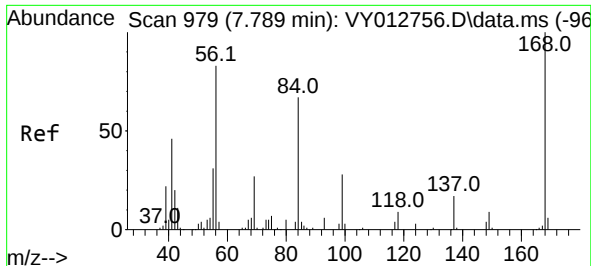
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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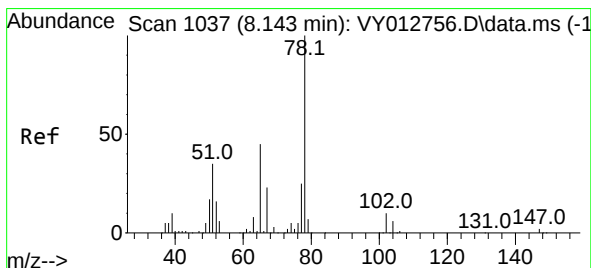
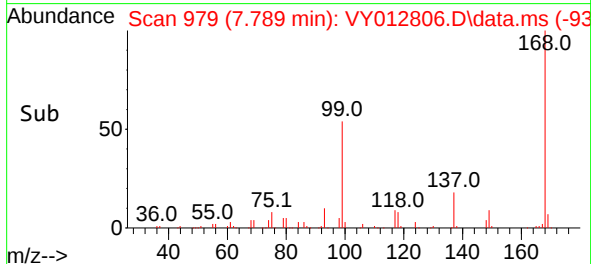
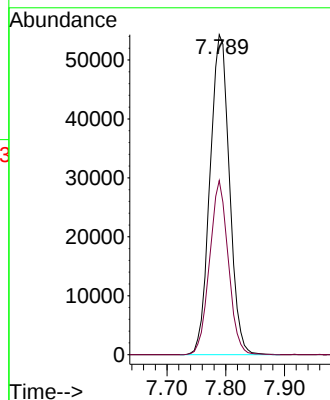
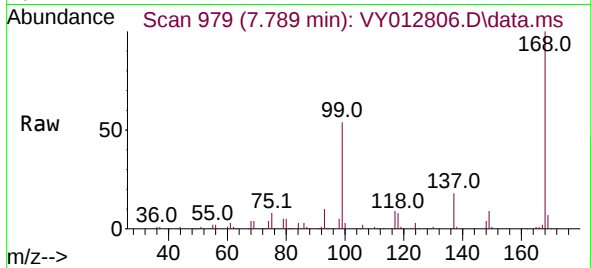




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

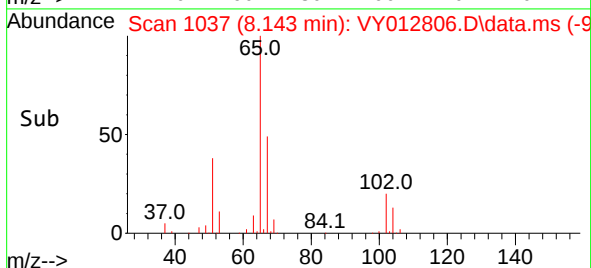
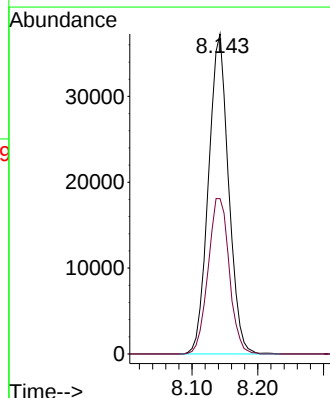
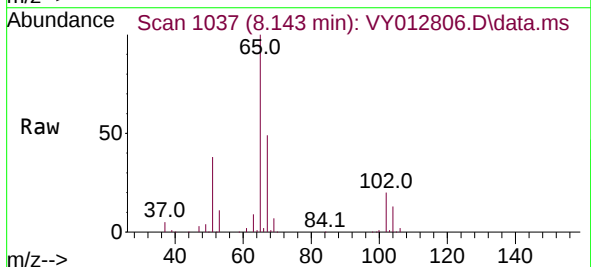
Instrument :
MSVOA_Y
ClientSampleId :
CF-14

Tgt Ion:168 Resp: 124741
Ion Ratio Lower Upper
168 100
99 54.4 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 63.970 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

Tgt Ion: 65 Resp: 79228
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.0

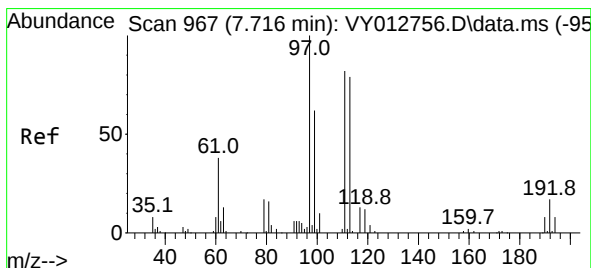
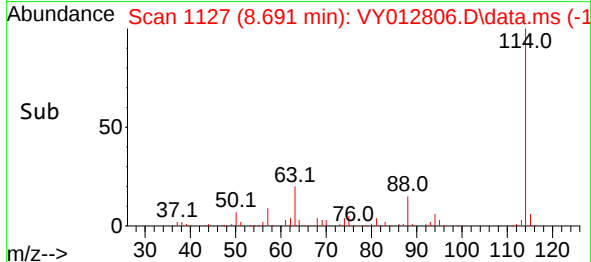
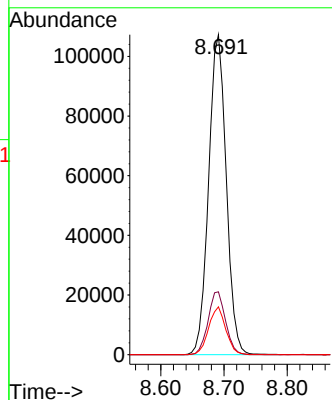
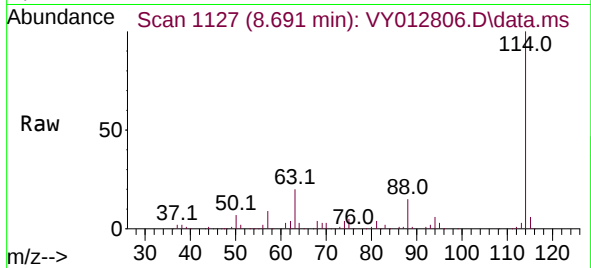




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

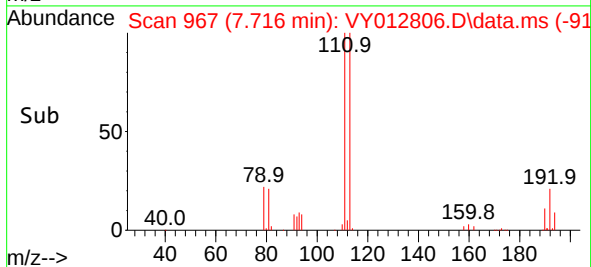
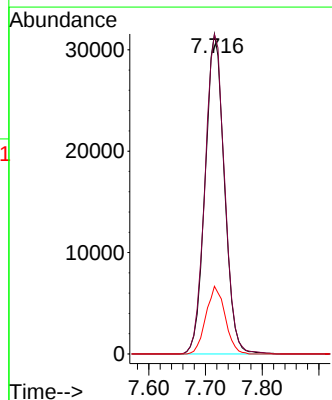
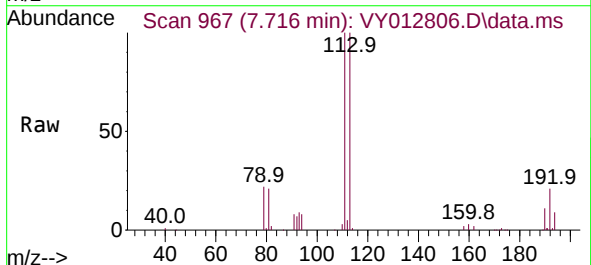
Instrument :
MSVOA_Y
ClientSampleId :
CF-14

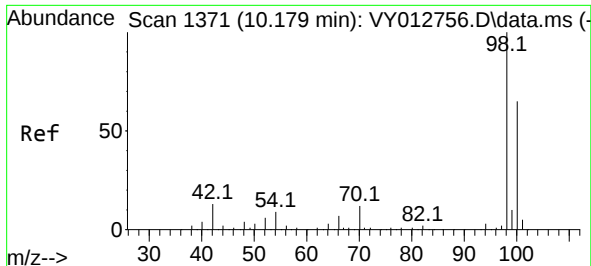
Tgt Ion:114 Resp: 208067
Ion Ratio Lower Upper
114 100
63 19.7 0.0 37.4
88 14.9 0.0 28.6



#35
Dibromofluoromethane
Concen: 59.184 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

Tgt Ion:113 Resp: 74316
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 21.1 16.8 25.2

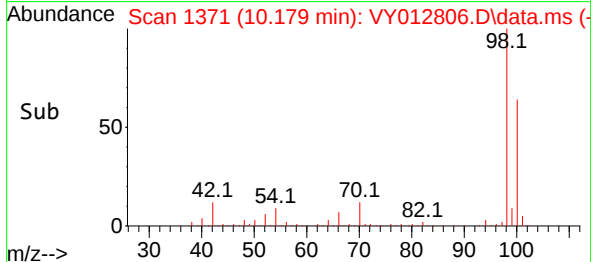
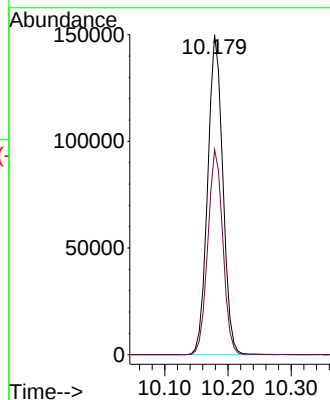
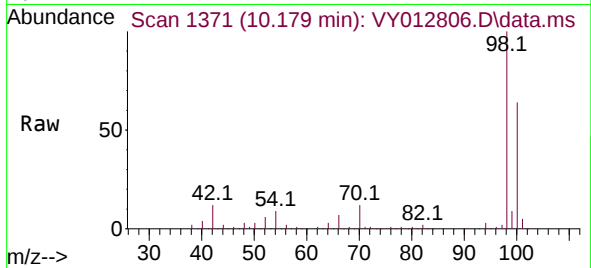




#50
Toluene-d8
Concen: 54.374 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

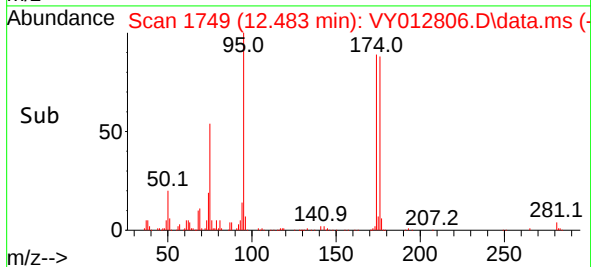
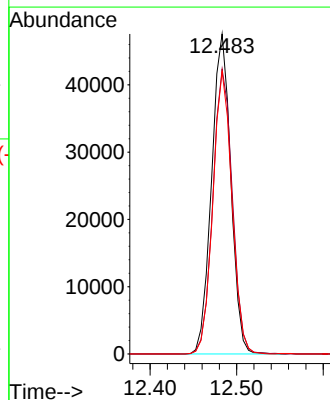
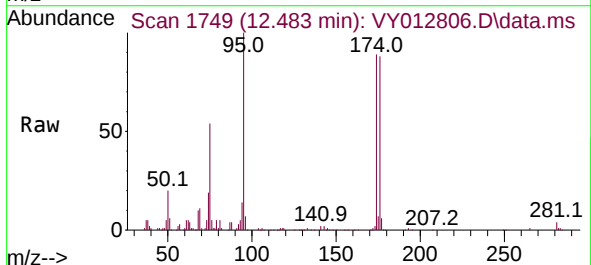
Instrument :
MSVOA_Y
ClientSampleId :
CF-14

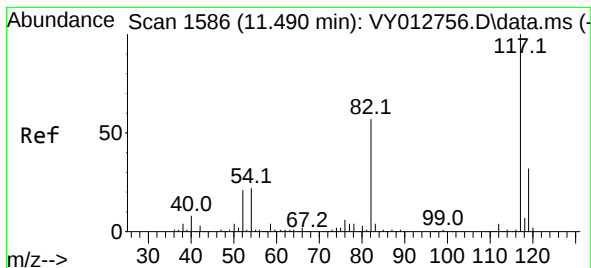
Tgt Ion: 98 Resp: 249605
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.305 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

Tgt Ion: 95 Resp: 73295
Ion Ratio Lower Upper
95 100
174 90.3 0.0 176.6
176 87.7 0.0 170.2

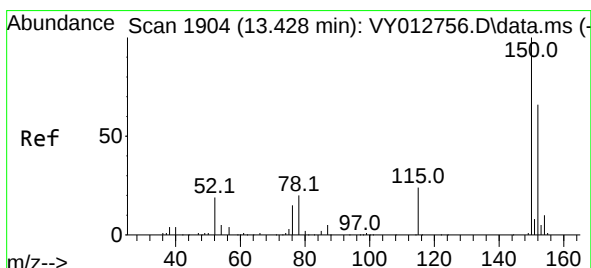
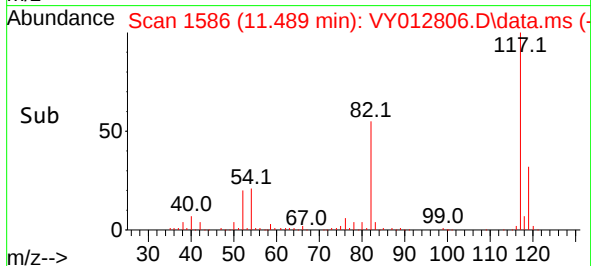
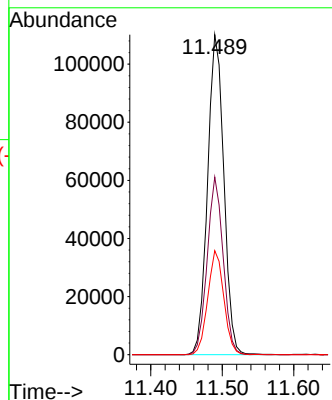
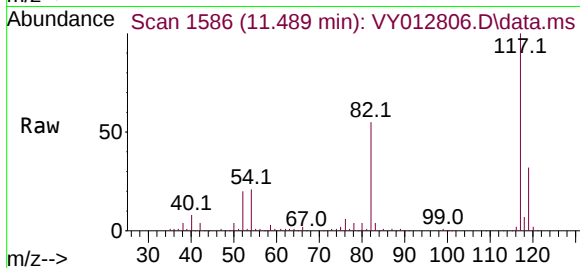




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

Instrument :
MSVOA_Y
ClientSampleId :
CF-14

Tgt Ion:117 Resp: 173971
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012806.D
Acq: 03 Mar 2023 19:05

Tgt Ion:152 Resp: 72262
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 156.2 0.0 347.8

