

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012805.D
 Acq On : 03 Mar 2023 18:42
 Operator : KP/MD
 Sample : 01749-11
 Misc : 6.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CF-13

Quant Time: Mar 04 01:26:52 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	117661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	165185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	67391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72781	62.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.600%
35) Dibromofluoromethane	7.716	113	69751	59.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.600%
50) Toluene-d8	10.179	98	232818	54.139	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.280%
62) 4-Bromofluorobenzene	12.483	95	67098	46.227	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.460%

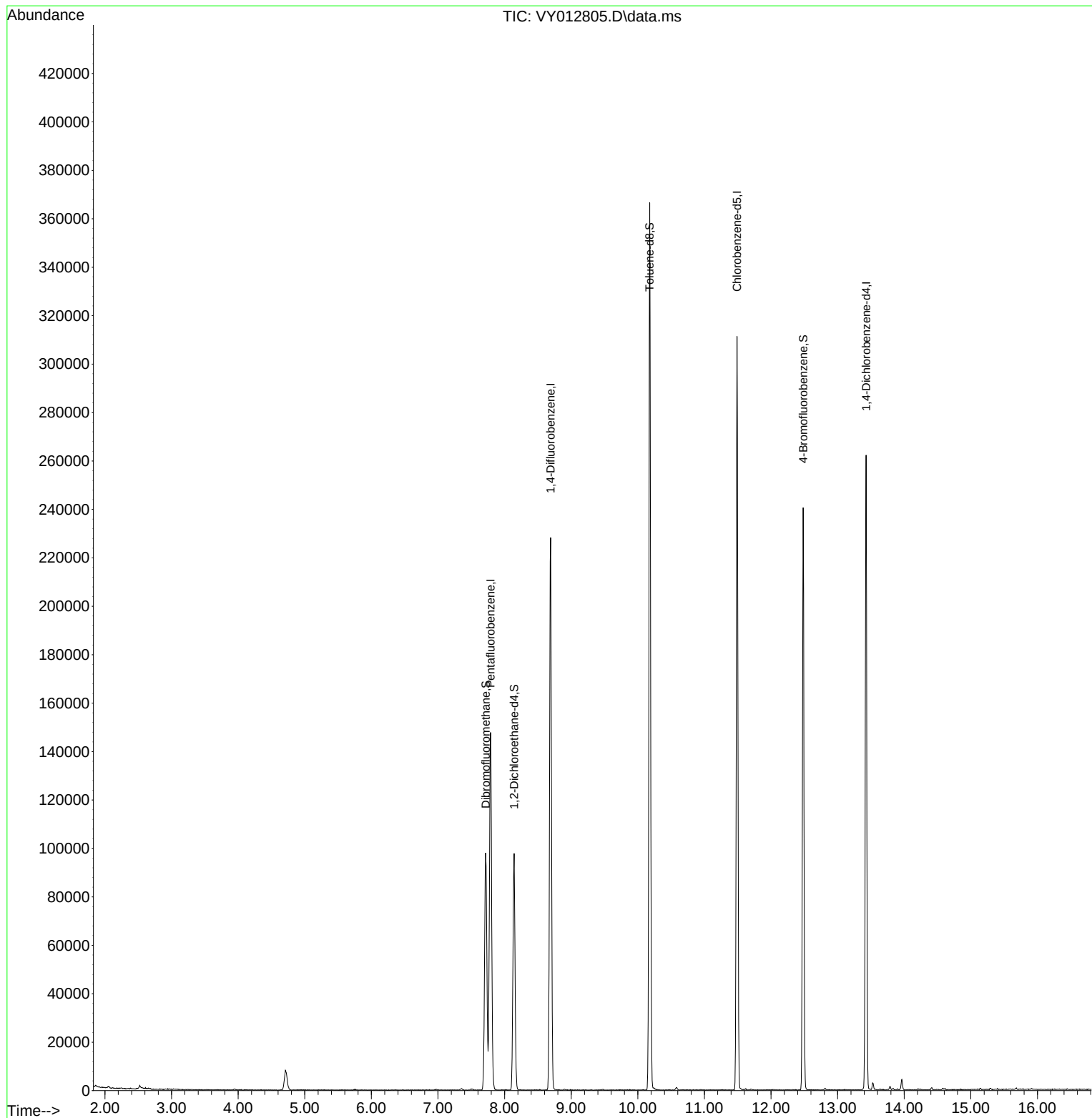
Target Compounds	Qvalue

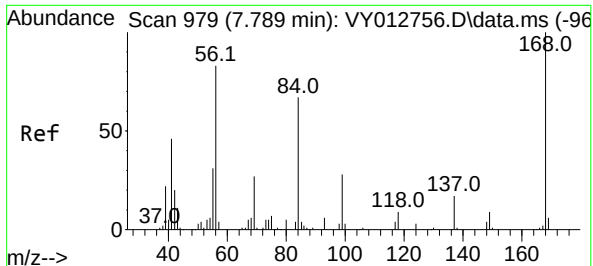
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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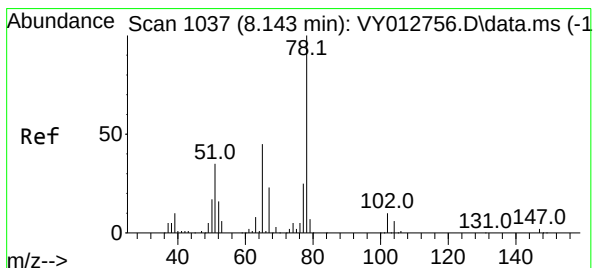
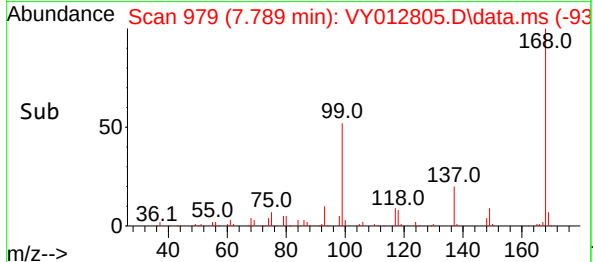
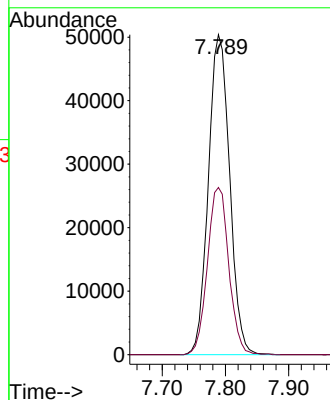
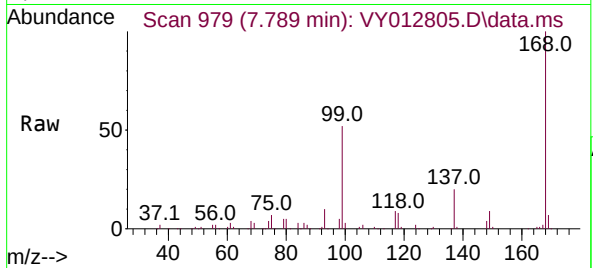




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

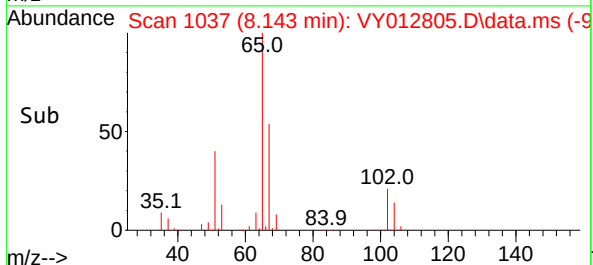
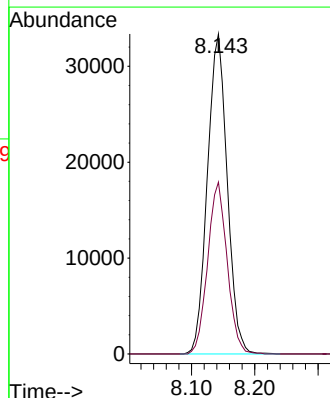
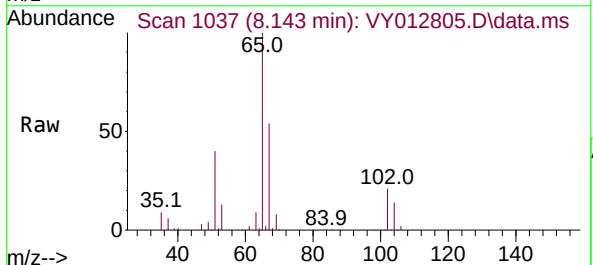
Instrument :
MSVOA_Y
ClientSampleId :
CF-13

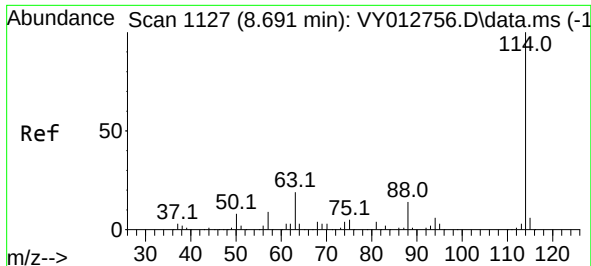
Tgt Ion:168 Resp: 117661
Ion Ratio Lower Upper
168 100
99 52.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 62.301 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

Tgt Ion: 65 Resp: 72781
Ion Ratio Lower Upper
65 100
67 52.7 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: VY012805.D

Acq: 03 Mar 2023 18:42

Instrument :

MSVOA_Y

ClientSampleId :

CF-13

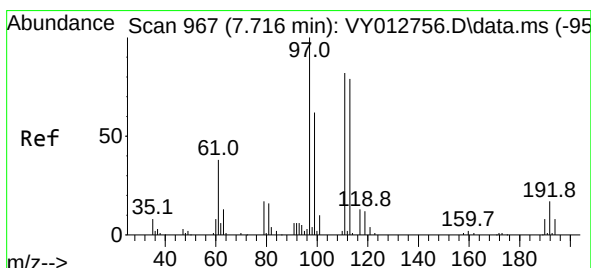
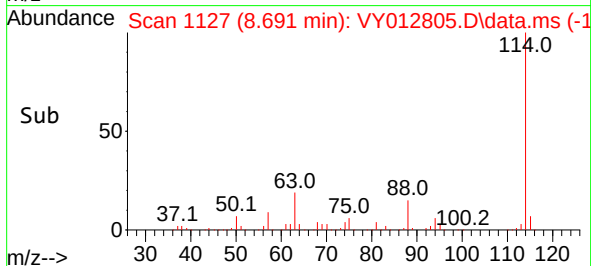
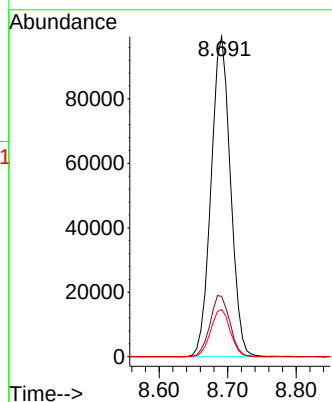
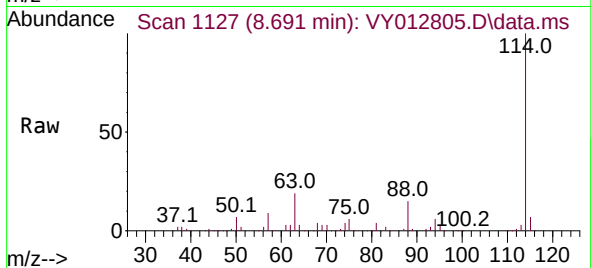
Tgt Ion:114 Resp: 194916

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.7 0.0 28.6



#35

Dibromofluoromethane

Concen: 59.296 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012805.D

Acq: 03 Mar 2023 18:42

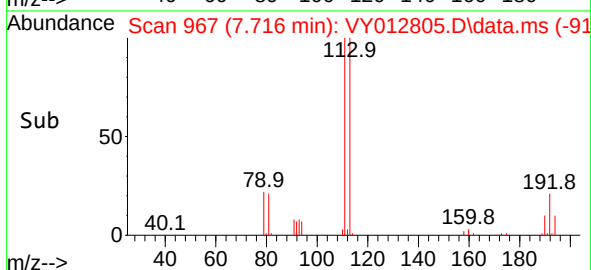
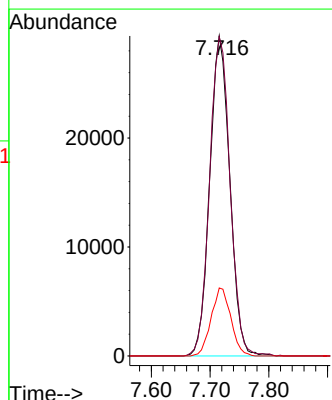
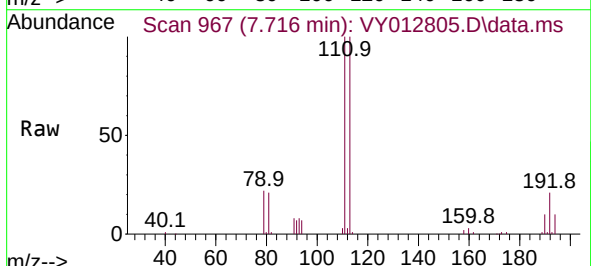
Tgt Ion:113 Resp: 69751

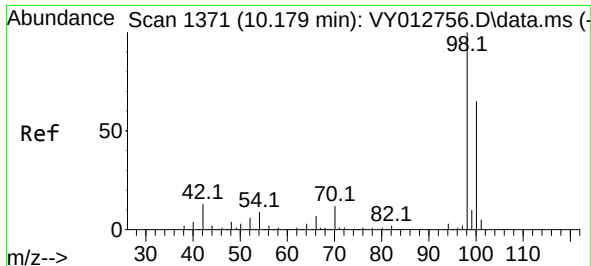
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.2

192 20.8 16.8 25.2

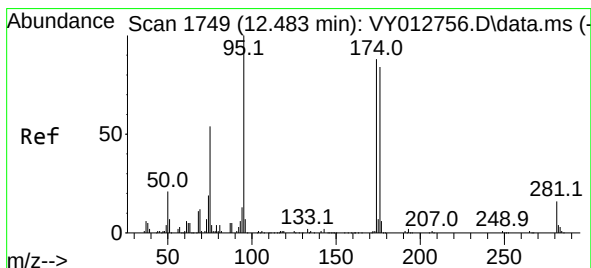
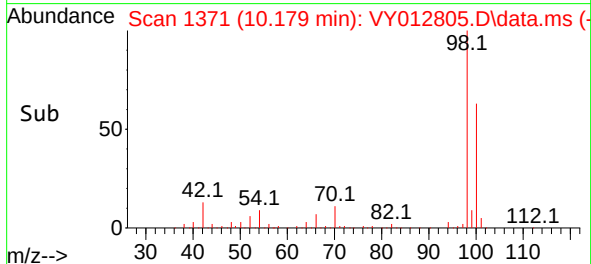
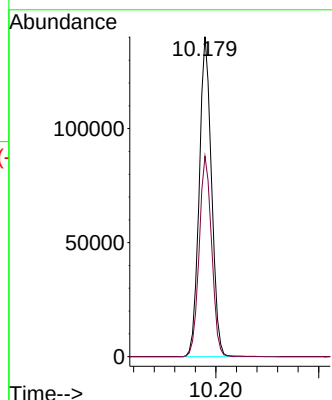
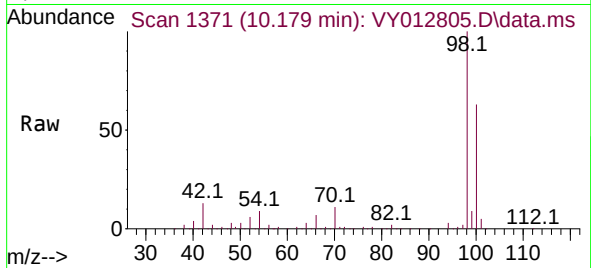




#50
Toluene-d8
Concen: 54.139 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

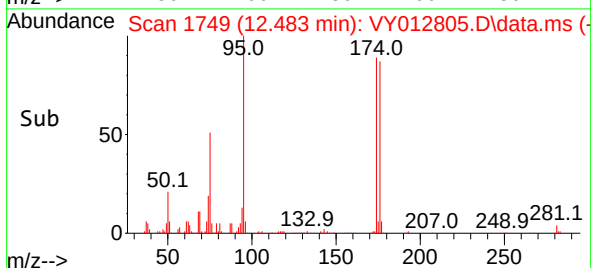
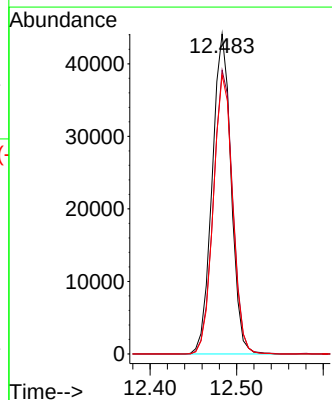
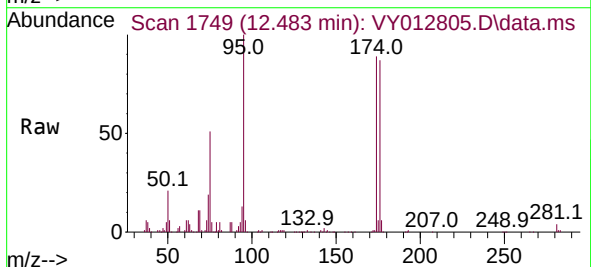
Instrument :
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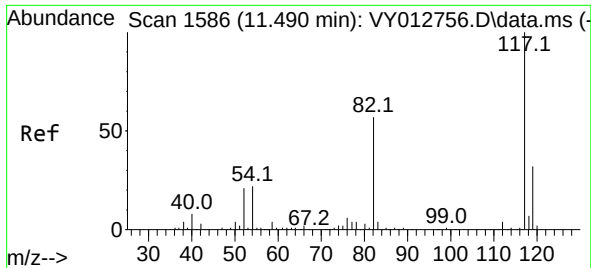
Tgt Ion: 98 Resp: 232818
Ion Ratio Lower Upper
98 100
100 63.5 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.227 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

Tgt Ion: 95 Resp: 67098
Ion Ratio Lower Upper
95 100
174 90.4 0.0 176.6
176 88.5 0.0 170.2

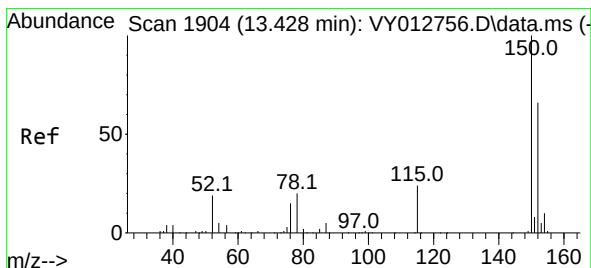
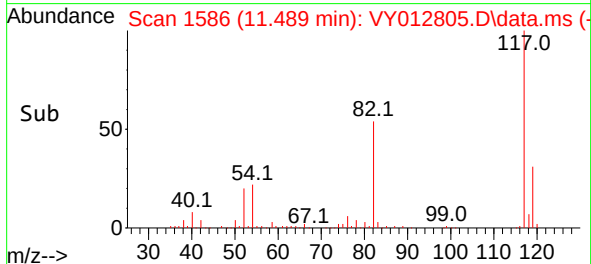
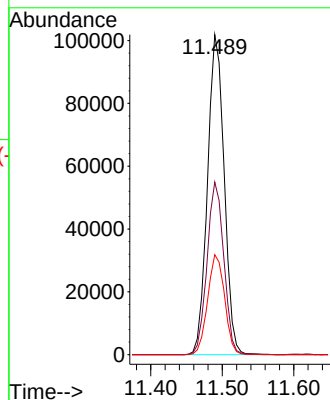
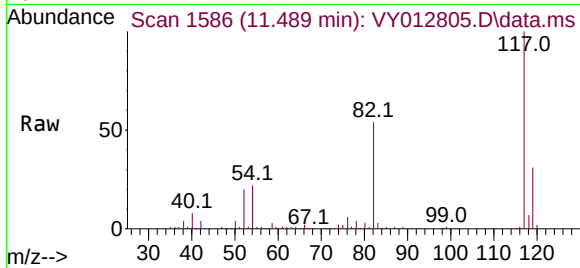




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012805.D
Acq: 03 Mar 2023 18:42

Instrument :
MSVOA_Y
ClientSampleId :
CF-13

Tgt Ion:117 Resp: 165185
Ion Ratio Lower Upper
117 100
82 53.9 45.4 68.0
119 31.2 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: VY012805.D
Acq: 03 Mar 2023 18:42

Tgt Ion:152 Resp: 67391
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 156.1 0.0 347.8

