

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030123\
 Data File : VY012749.D
 Acq On : 01 Mar 2023 14:54
 Operator : KP/MD
 Sample : 01725-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-022723RE

Quant Time: Mar 02 02:05:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	49419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	78825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	71142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	31757	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37779	64.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	129.460%
35) Dibromofluoromethane	7.716	113	37005	69.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	139.000%
50) Toluene-d8	10.179	98	122288	61.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	122.620%
62) 4-Bromofluorobenzene	12.483	95	37761	59.159	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.320%

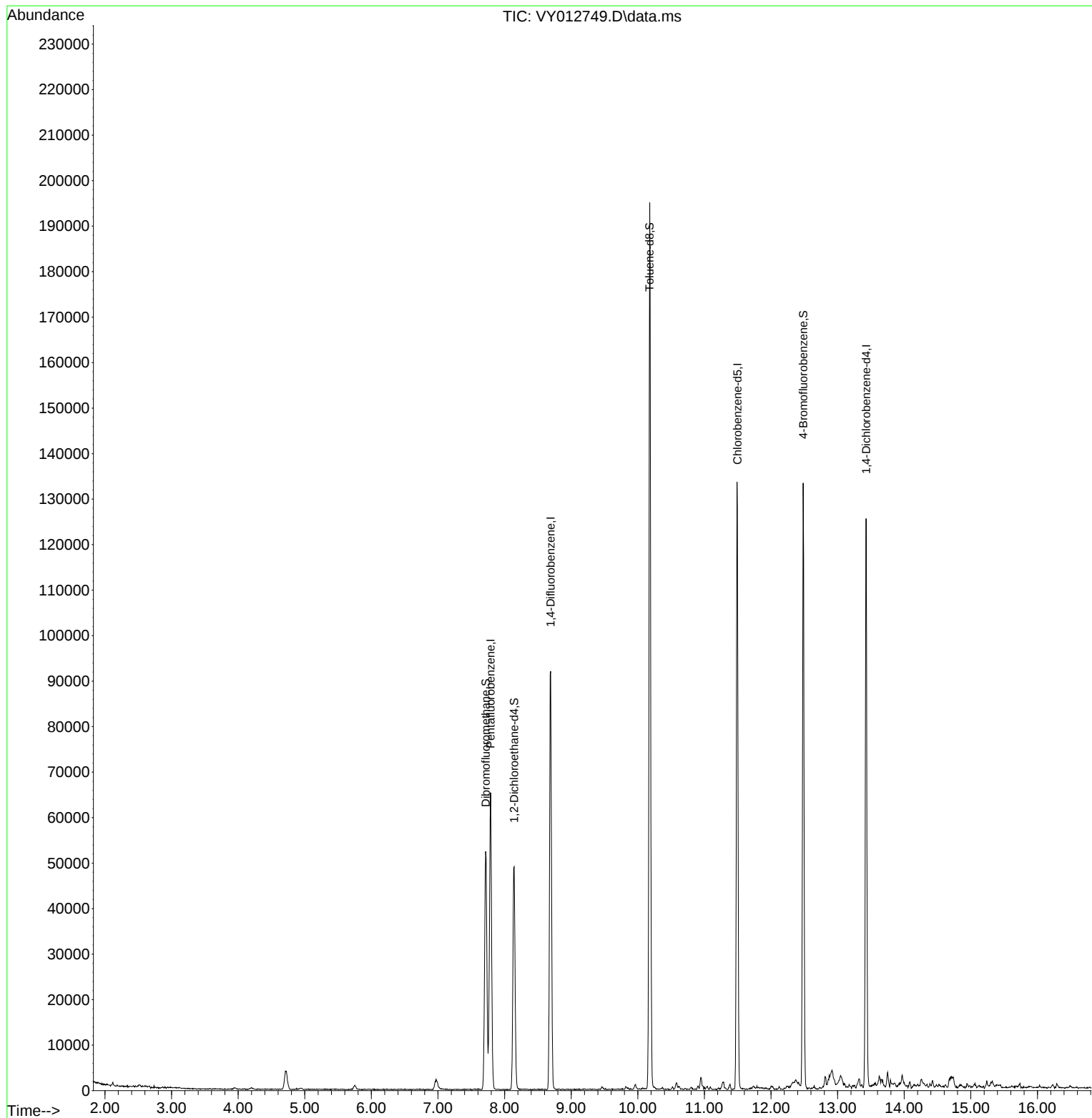
Target Compounds	Qvalue

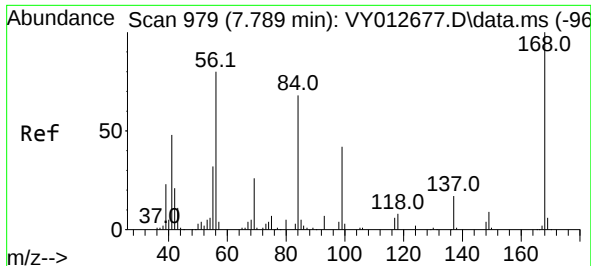
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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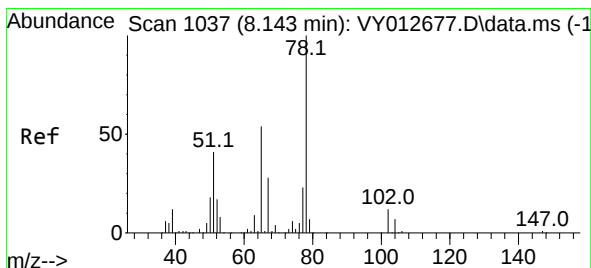
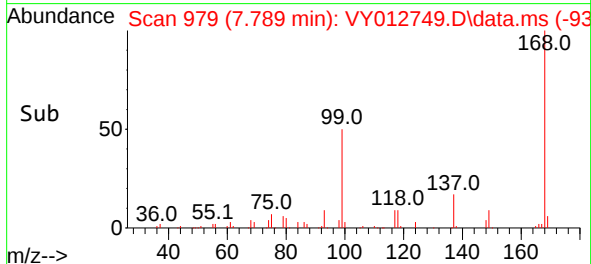
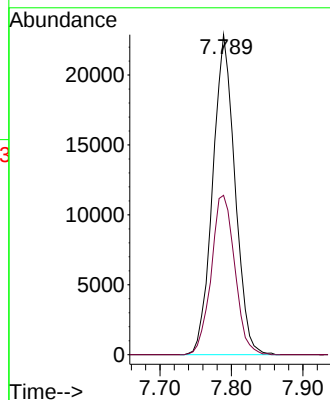
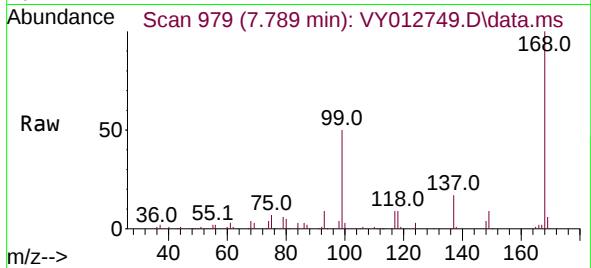




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

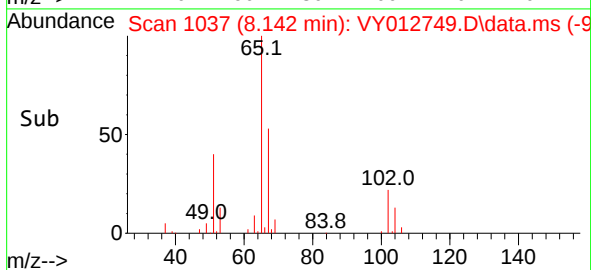
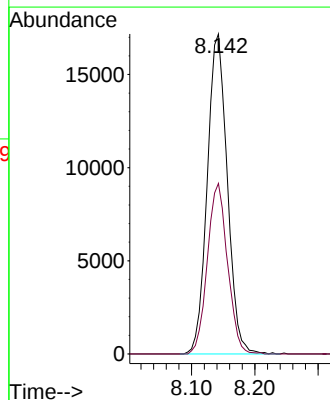
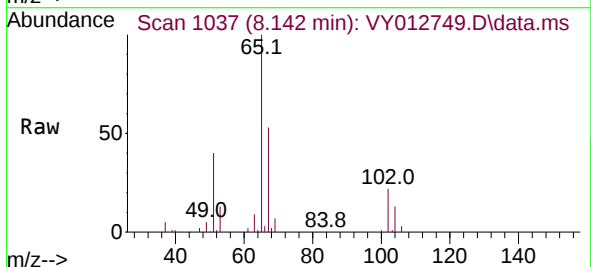
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723RE

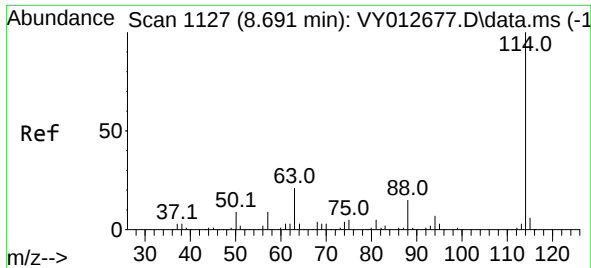
Tgt Ion:168 Resp: 49419
Ion Ratio Lower Upper
168 100
99 49.8 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 64.728 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

Tgt Ion: 65 Resp: 37779
Ion Ratio Lower Upper
65 100
67 53.6 0.0 104.6

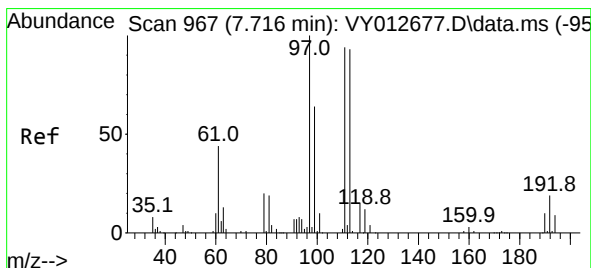
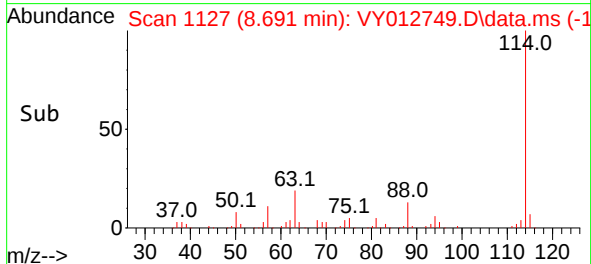
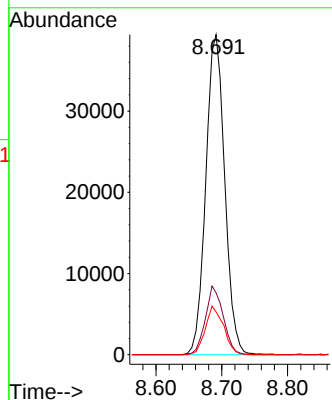
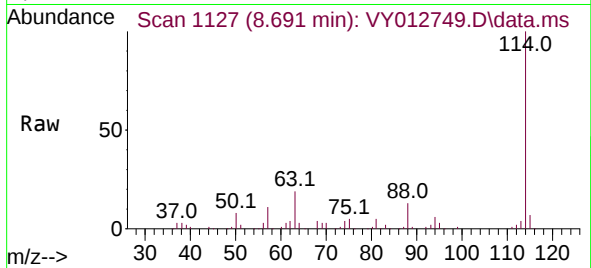




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

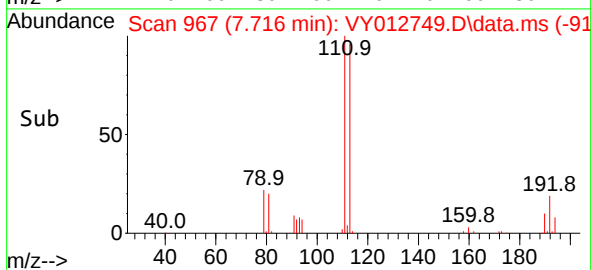
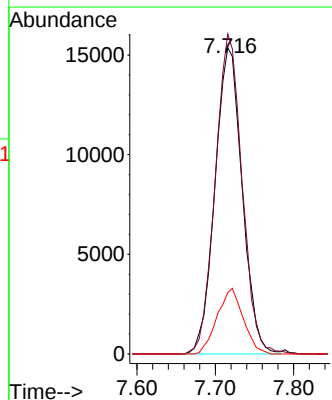
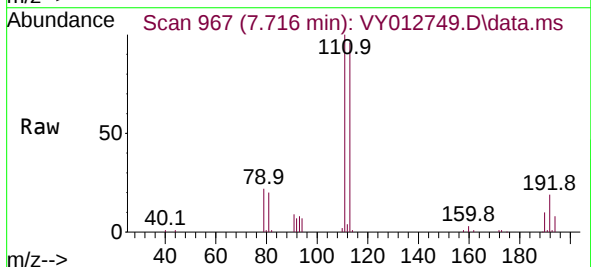
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723RE

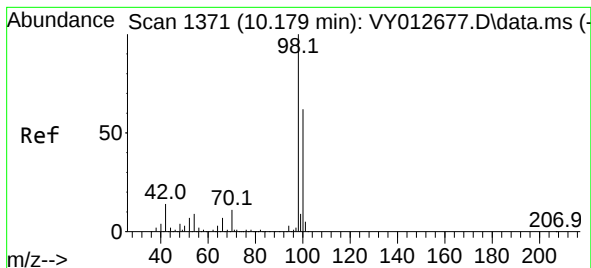
Tgt Ion:114 Resp: 78825
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.8
88 13.4 0.0 29.6



#35
Dibromofluoromethane
Concen: 69.505 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

Tgt Ion:113 Resp: 37005
Ion Ratio Lower Upper
113 100
111 103.1 82.0 123.0
192 20.5 16.2 24.2





#50

Toluene-d8

Concen: 61.309 ug/l

RT: 10.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012749.D

Acq: 01 Mar 2023 14:54

Instrument :

MSVOA_Y

ClientSampleId :

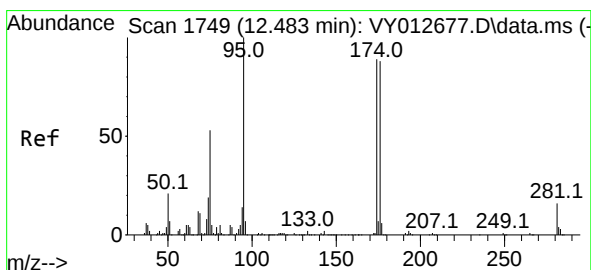
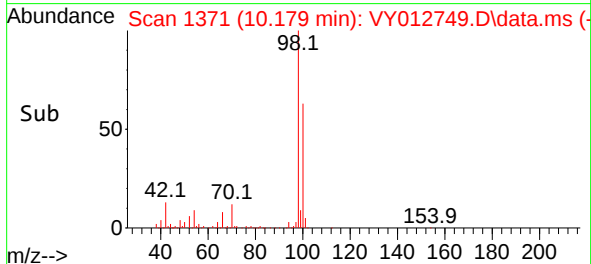
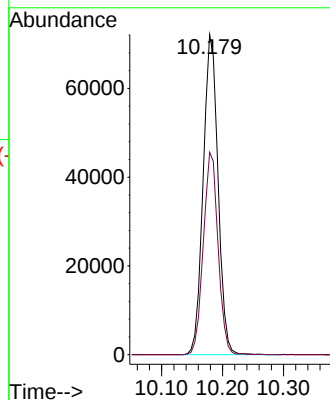
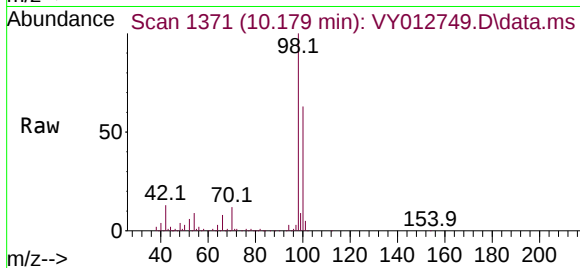
EO-01-022723RE

Tgt Ion: 98 Resp: 122288

Ion Ratio Lower Upper

98 100

100 62.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 59.159 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012749.D

Acq: 01 Mar 2023 14:54

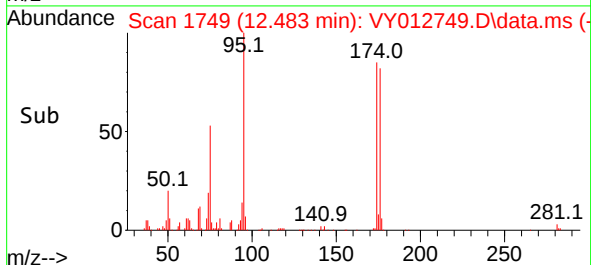
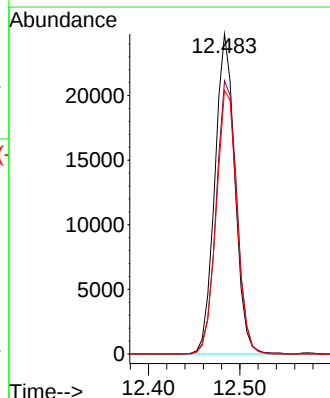
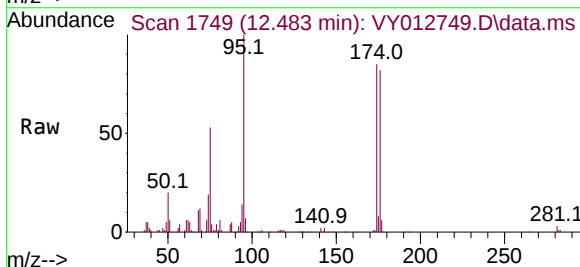
Tgt Ion: 95 Resp: 37761

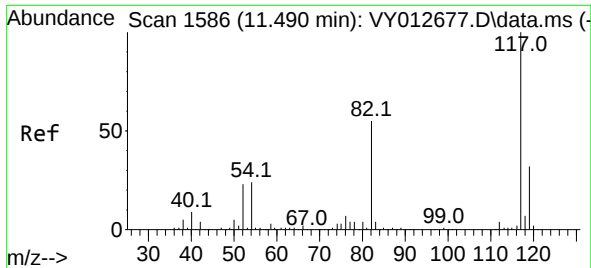
Ion Ratio Lower Upper

95 100

174 88.8 0.0 172.8

176 84.8 0.0 169.4

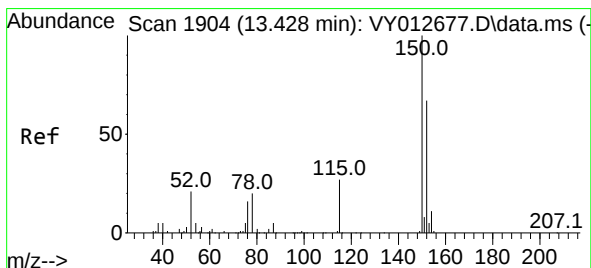
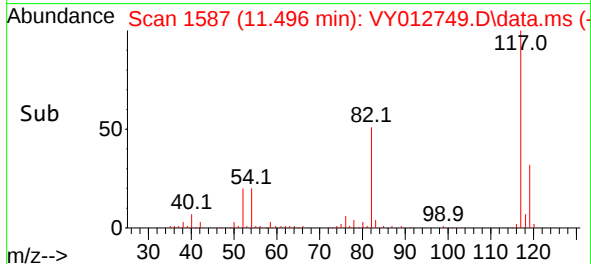
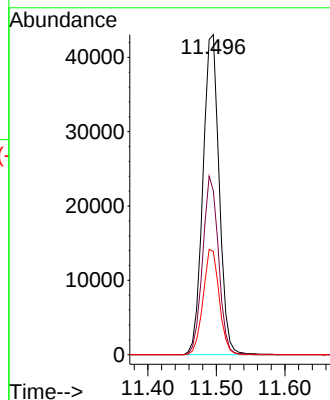
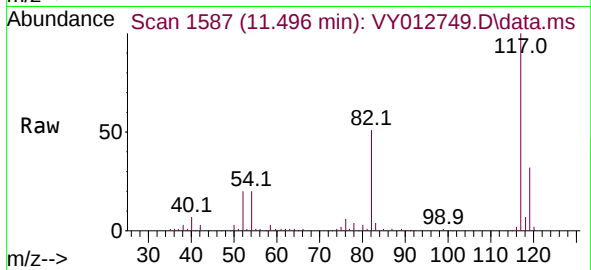




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.005 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022723RE

Tgt Ion:117 Resp: 71142
Ion Ratio Lower Upper
117 100
82 51.2 44.1 66.1
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012749.D
Acq: 01 Mar 2023 14:54

Tgt Ion:152 Resp: 31757
Ion Ratio Lower Upper
152 100
115 55.6 28.7 86.3
150 157.1 0.0 347.6

