

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012903.D
 Acq On : 09 Mar 2023 16:50
 Operator : KP/MD
 Sample : 01833-07
 Misc : 5.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11

Quant Time: Mar 10 00:32:42 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)

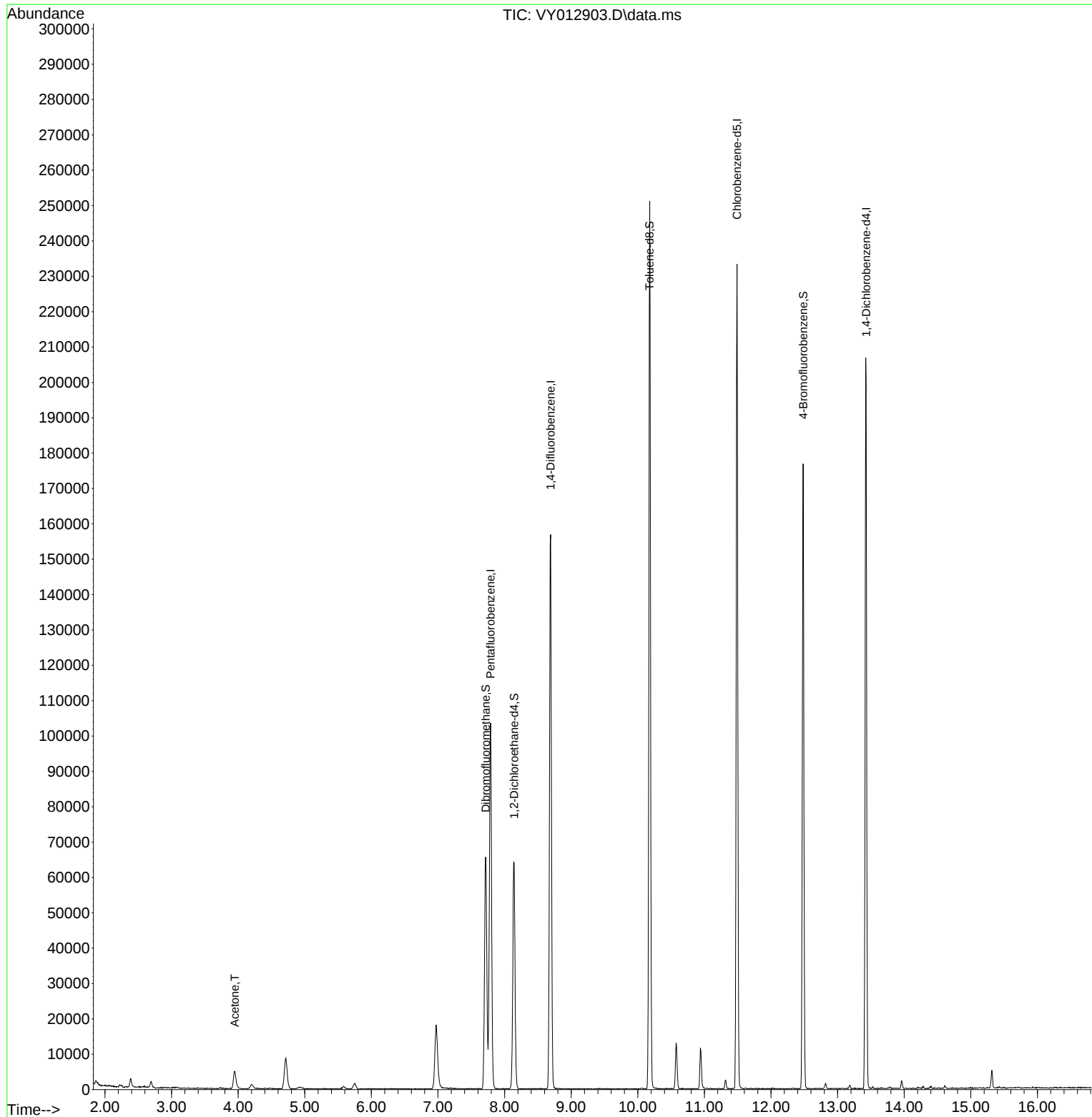
Internal Standards						
1) Pentafluorobenzene	7.789	168	80902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	123553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	55208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50469	62.831	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.660%
35) Dibromofluoromethane	7.716	113	46738	57.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.620%
50) Toluene-d8	10.179	98	161390	54.133	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.260%
62) 4-Bromofluorobenzene	12.483	95	48316	48.015	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.020%
Target Compounds						
16) Acetone	3.948	43	8897	28.219	ug/l	Qvalue 97

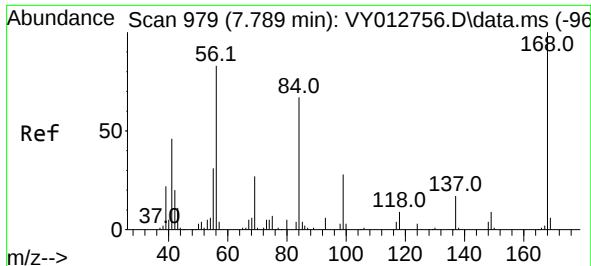
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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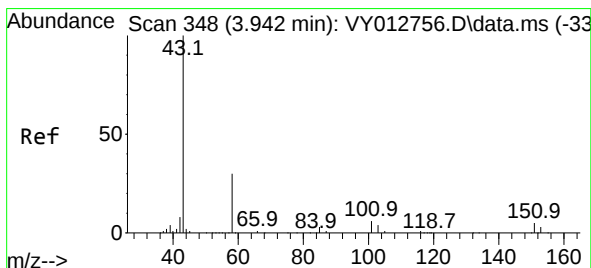
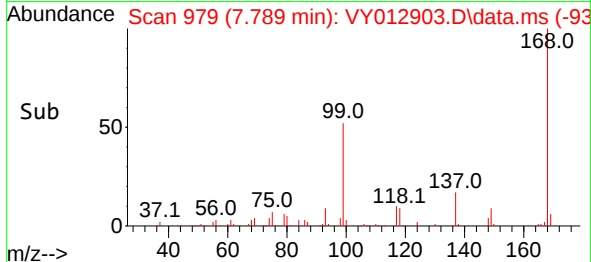
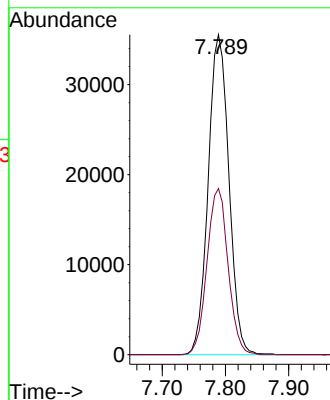
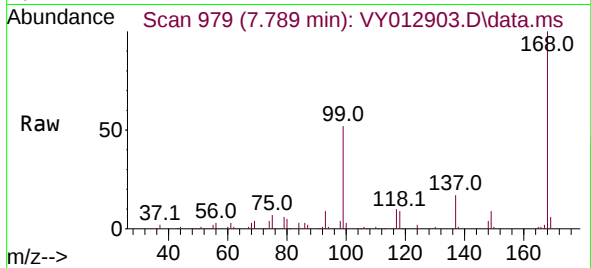




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012903.D
Acq: 09 Mar 2023 16:50

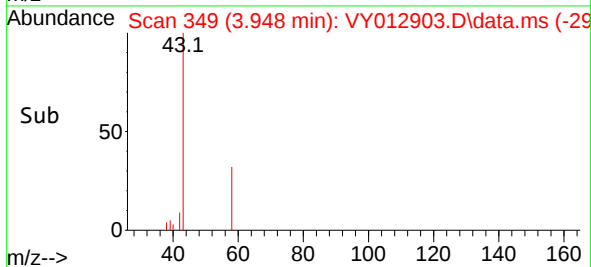
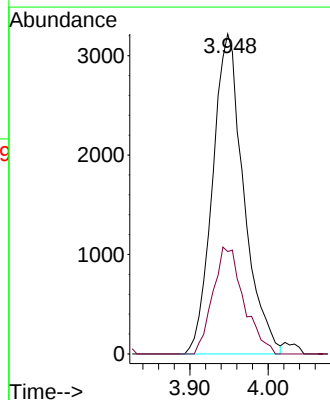
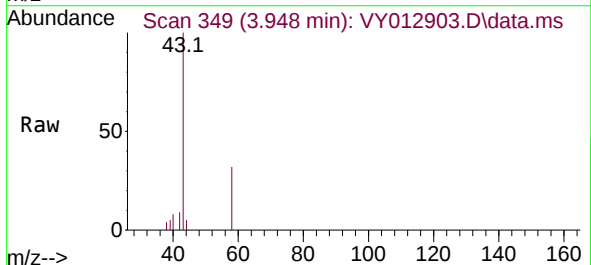
Instrument :
MSVOA_Y
ClientSampleId :
11

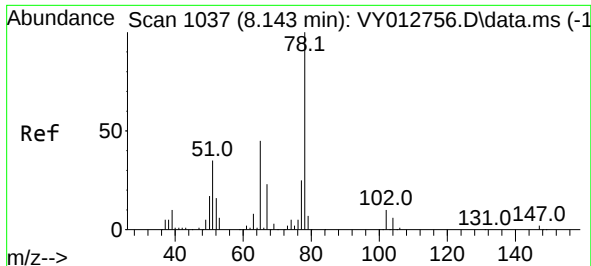
Tgt Ion:168 Resp: 80902
Ion Ratio Lower Upper
168 100
99 51.9 41.7 62.5



#16
Acetone
Concen: 28.219 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012903.D
Acq: 09 Mar 2023 16:50

Tgt Ion: 43 Resp: 8897
Ion Ratio Lower Upper
43 100
58 32.0 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 62.831 ug/l

RT: 8.143 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012903.D

Acq: 09 Mar 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

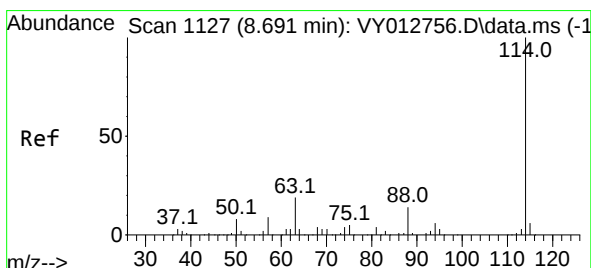
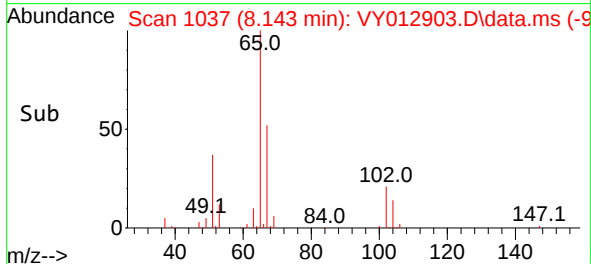
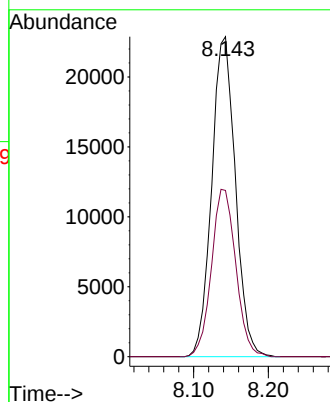
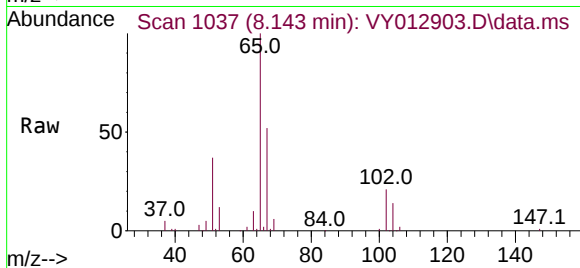
11

Tgt Ion: 65 Resp: 50469

Ion Ratio Lower Upper

65 100

67 53.7 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: VY012903.D

Acq: 09 Mar 2023 16:50

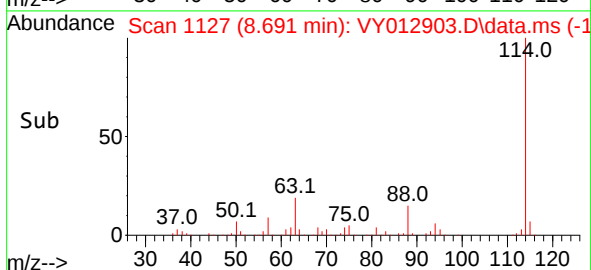
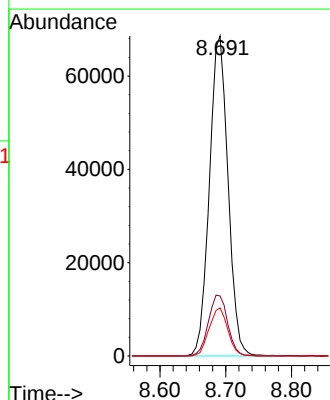
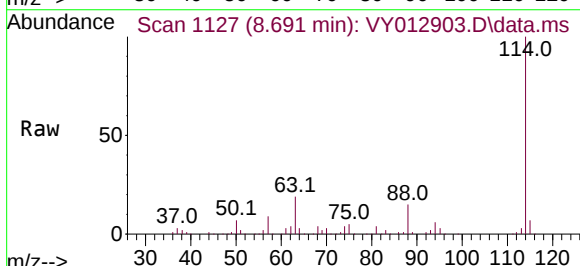
Tgt Ion: 114 Resp: 135130

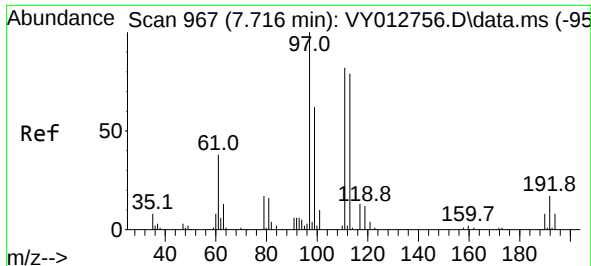
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 15.1 0.0 28.6

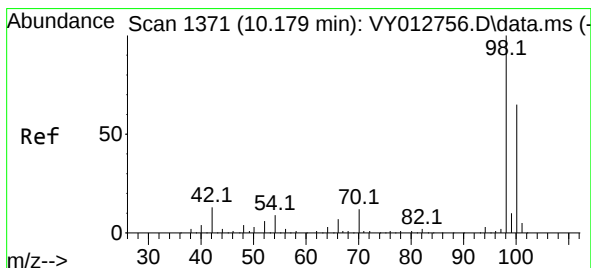
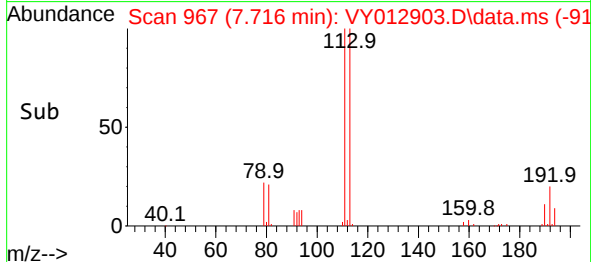
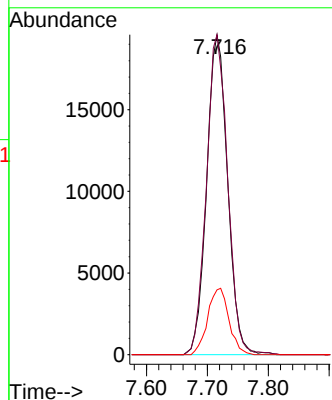
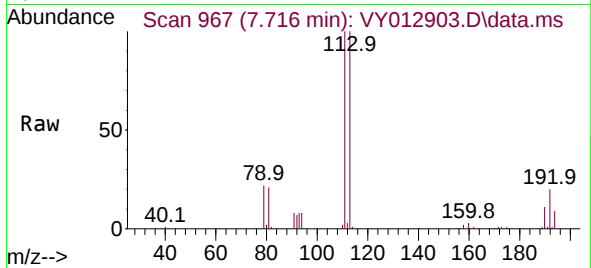




#35
Dibromofluoromethane
Concen: 57.312 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY012903.D
Acq: 09 Mar 2023 16:50

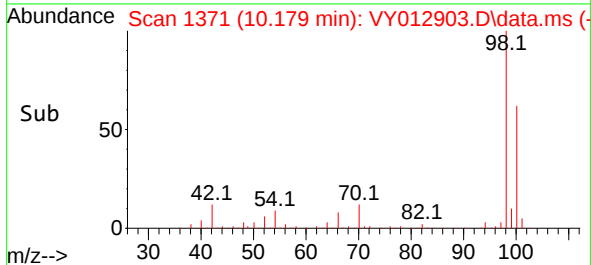
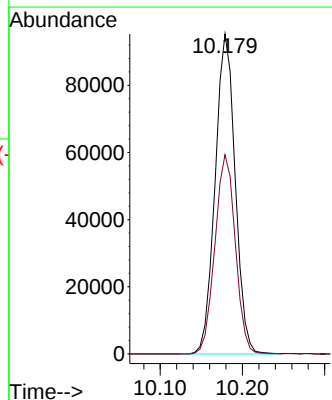
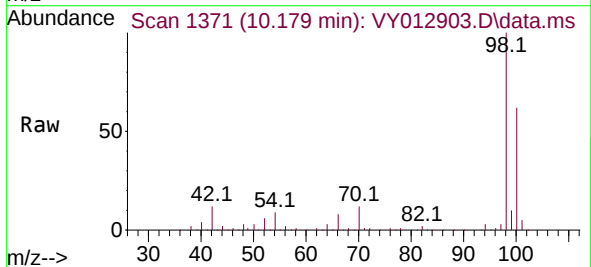
Instrument :
MSVOA_Y
ClientSampleId :
11

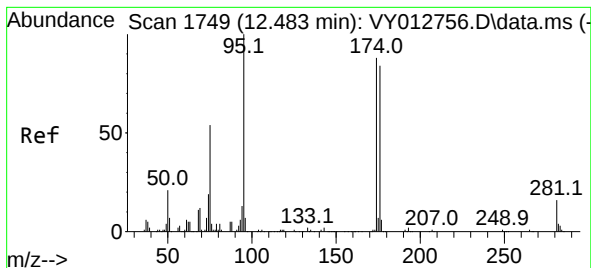
Tgt Ion:113 Resp: 46738
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 21.0 16.8 25.2



#50
Toluene-d8
Concen: 54.133 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012903.D
Acq: 09 Mar 2023 16:50

Tgt Ion: 98 Resp: 161390
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3

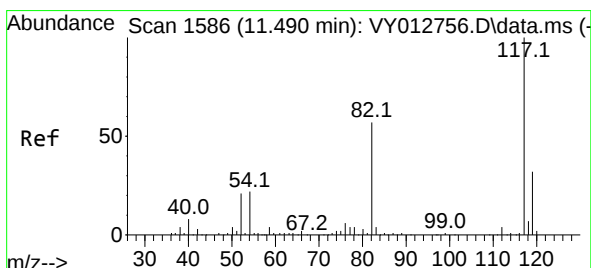
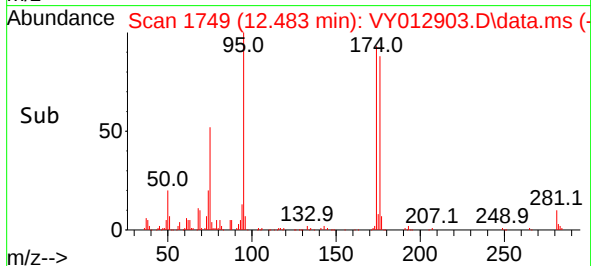
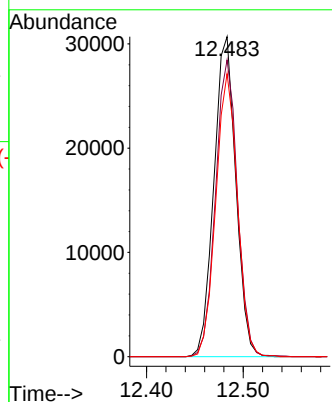
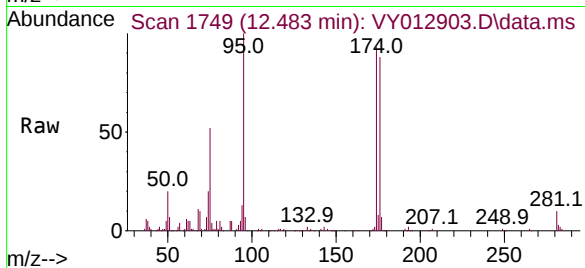




#62
4-Bromofluorobenzene
Concen: 48.015 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012903.D
Acq: 09 Mar 2023 16:50

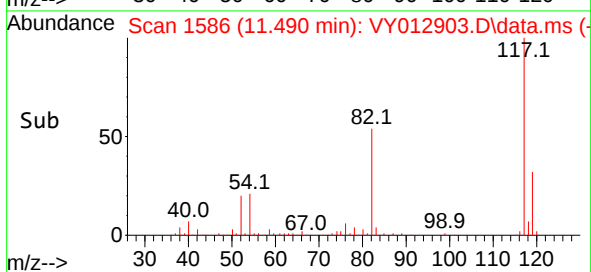
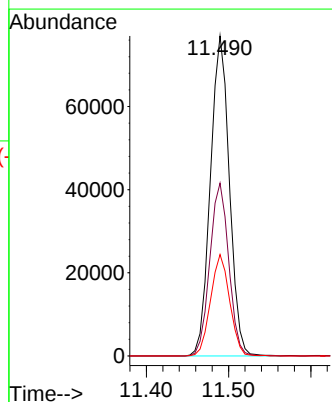
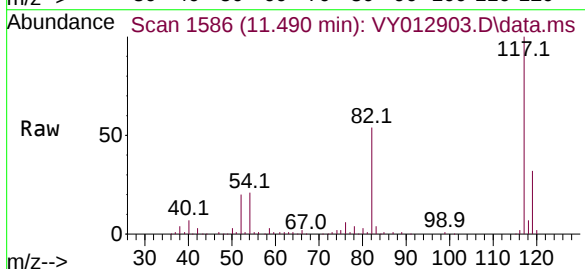
Instrument :
MSVOA_Y
ClientSampleId :
11

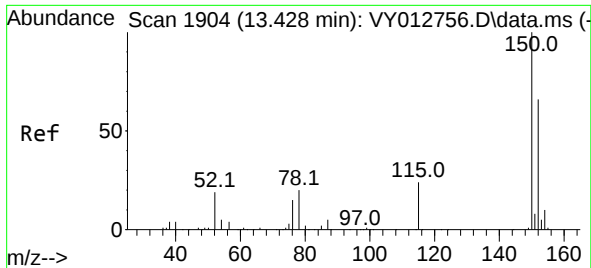
Tgt Ion: 95 Resp: 48316
Ion Ratio Lower Upper
95 100
174 92.2 0.0 176.6
176 87.1 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012903.D
Acq: 09 Mar 2023 16:50

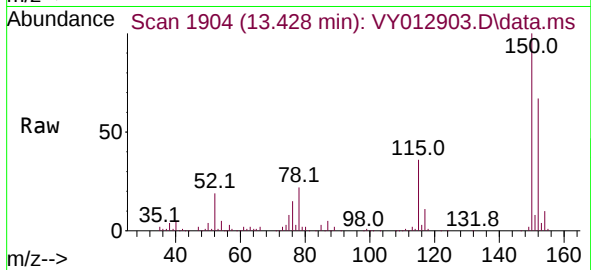
Tgt Ion: 117 Resp: 123553
Ion Ratio Lower Upper
117 100
82 54.0 45.4 68.0
119 31.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY012903.D
 Acq: 09 Mar 2023 16:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 11



Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.1	81.3
150	153.4	0.0	347.8

