

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013025.D
 Acq On : 21 Mar 2023 14:25
 Operator : KP/MD
 Sample : 02020-11
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Mar 22 04:20:11 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)

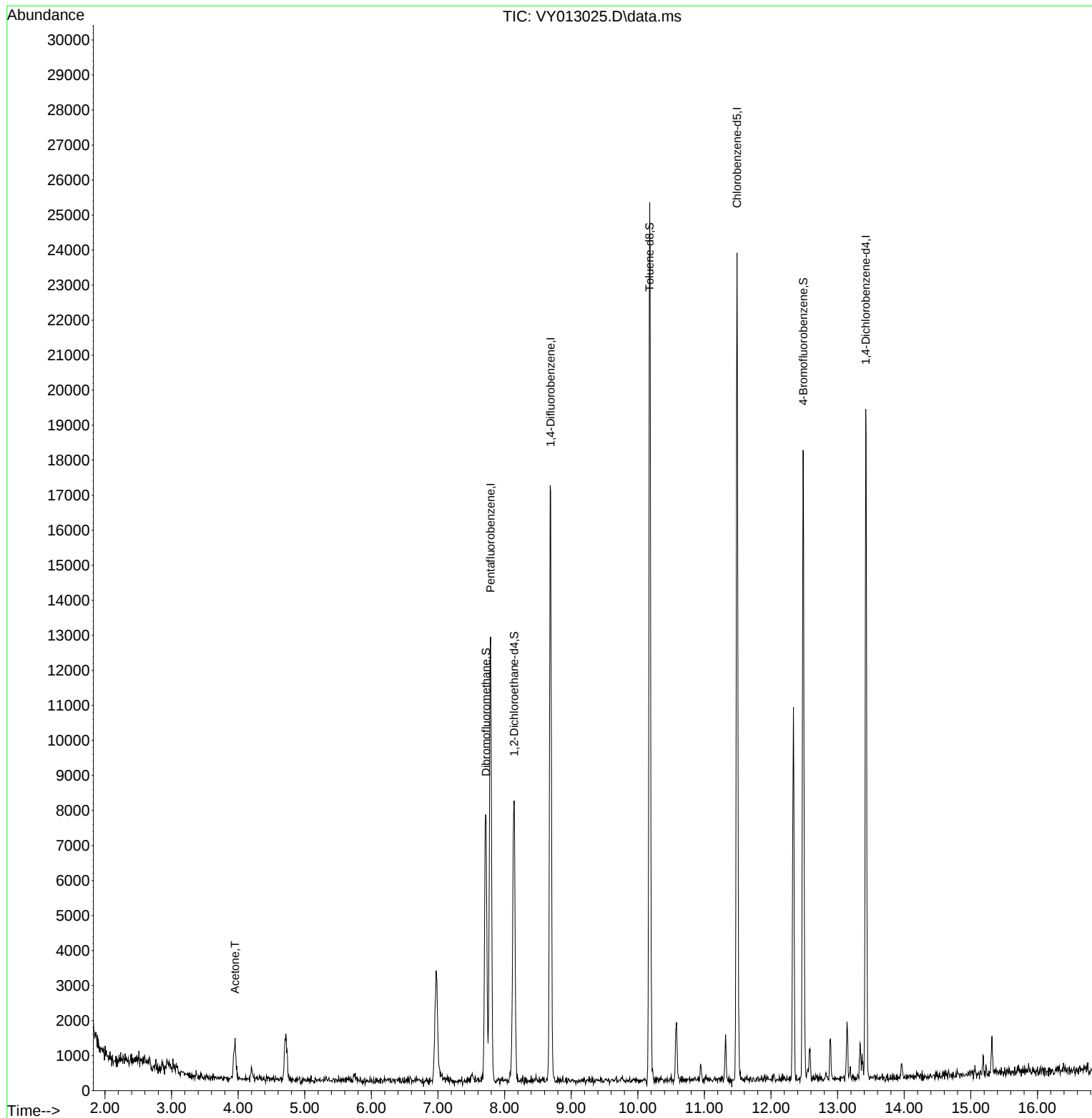
Internal Standards						
1) Pentafluorobenzene	7.789	168	9821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	14353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13202	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	6496	66.619	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.240%
35) Dibromofluoromethane	7.722	113	5755	66.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.880%
50) Toluene-d8	10.179	98	16970	53.590	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.180%
62) 4-Bromofluorobenzene	12.483	95	4789	44.806	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.620%
Target Compounds						
16) Acetone	3.954	43	1886	49.277	ug/l	Qvalue 98

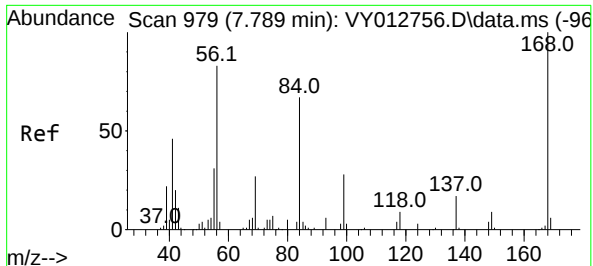
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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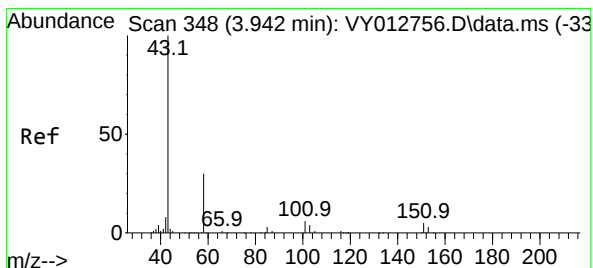
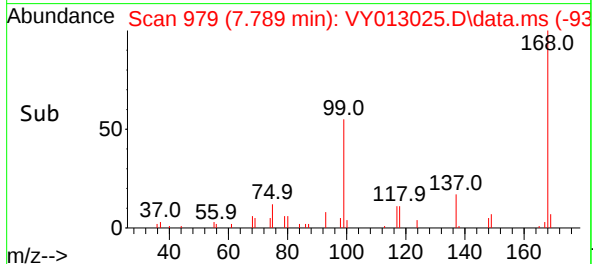
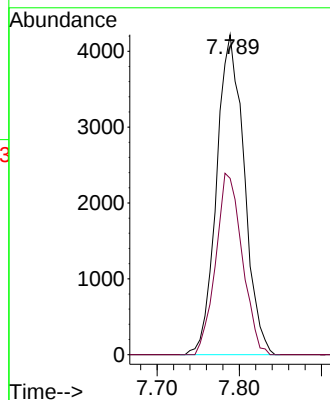
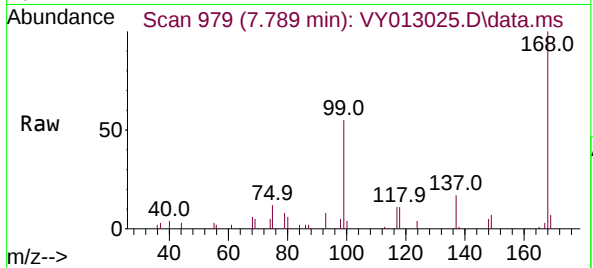




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013025.D
Acq: 21 Mar 2023 14:25

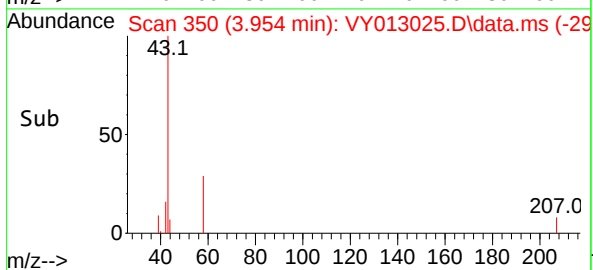
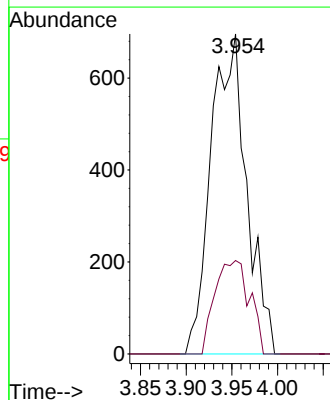
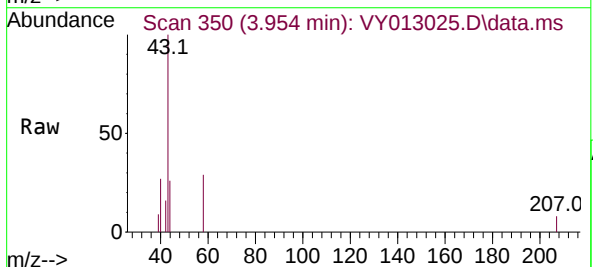
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

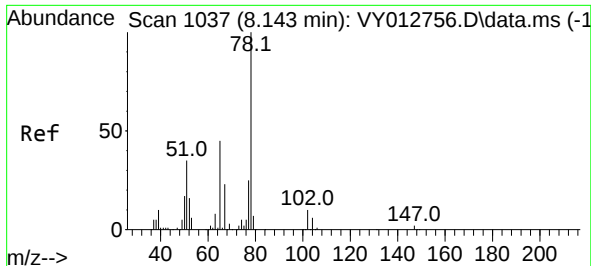
Tgt Ion:168 Resp: 9821
Ion Ratio Lower Upper
168 100
99 55.1 41.7 62.5



#16
Acetone
Concen: 49.277 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY013025.D
Acq: 21 Mar 2023 14:25

Tgt Ion: 43 Resp: 1886
Ion Ratio Lower Upper
43 100
58 29.2 24.2 36.2

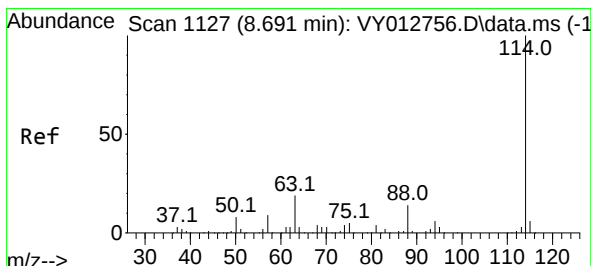
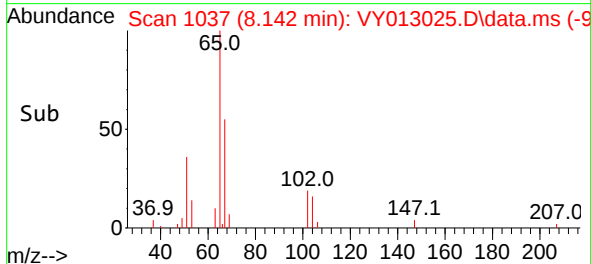
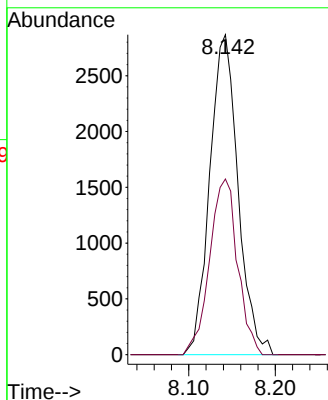
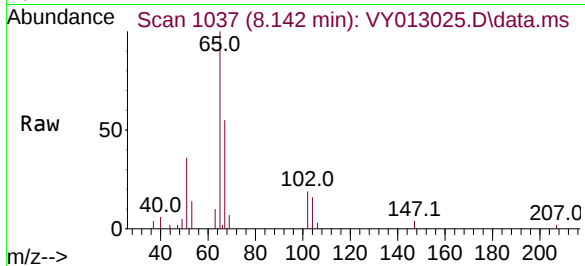




#33
 1,2-Dichloroethane-d4
 Concen: 66.619 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.001 min
 Lab File: VY013025.D
 Acq: 21 Mar 2023 14:25

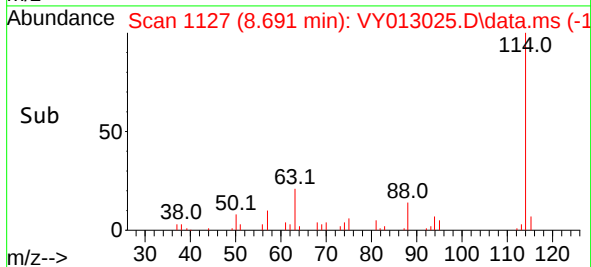
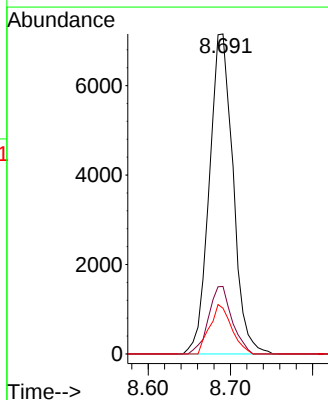
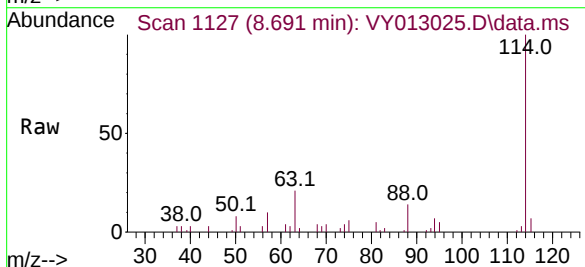
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

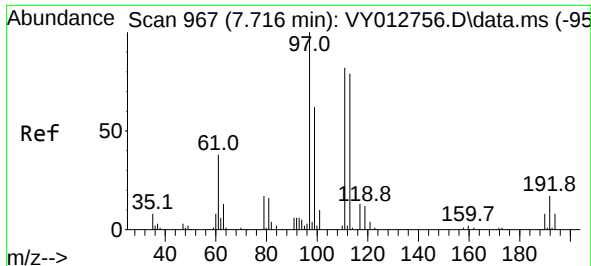
Tgt Ion: 65 Resp: 6496
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY013025.D
 Acq: 21 Mar 2023 14:25

Tgt Ion: 114 Resp: 14353
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 37.4
 88 14.3 0.0 28.6

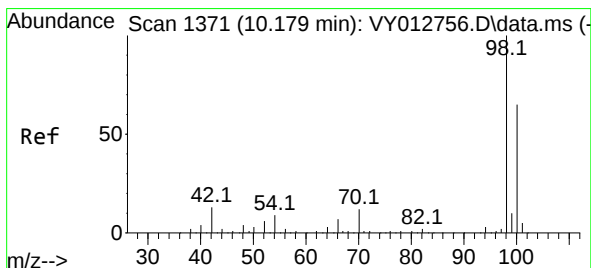
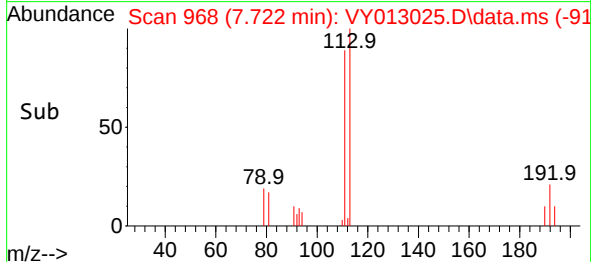
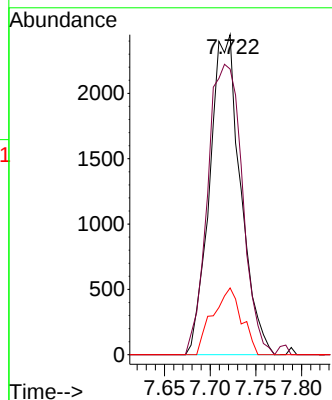
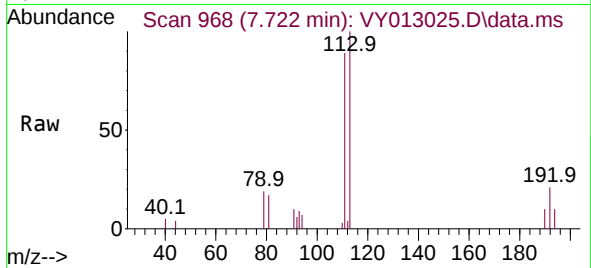




#35
Dibromofluoromethane
Concen: 66.440 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY013025.D
Acq: 21 Mar 2023 14:25

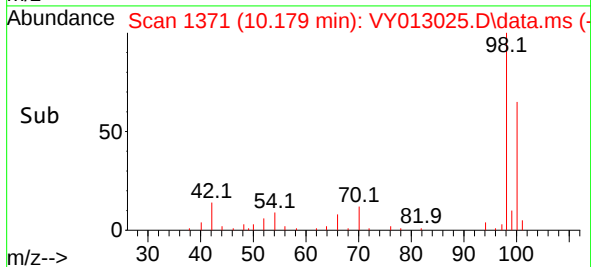
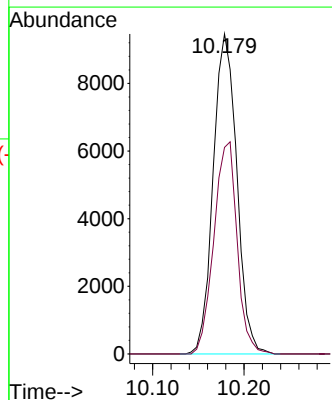
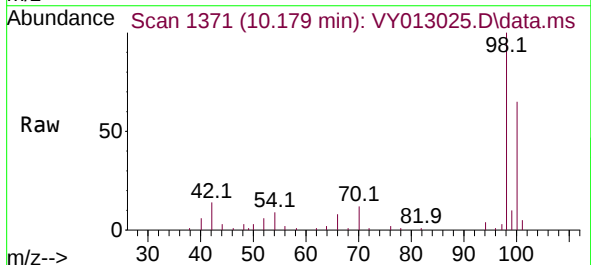
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

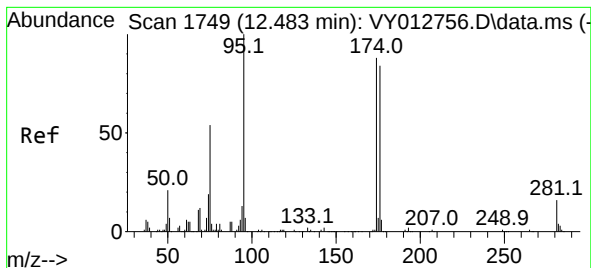
Tgt Ion:113 Resp: 5755
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 19.6 16.8 25.2



#50
Toluene-d8
Concen: 53.590 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013025.D
Acq: 21 Mar 2023 14:25

Tgt Ion: 98 Resp: 16970
Ion Ratio Lower Upper
98 100
100 65.3 50.9 76.3

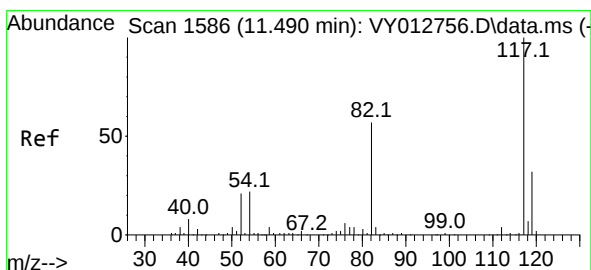
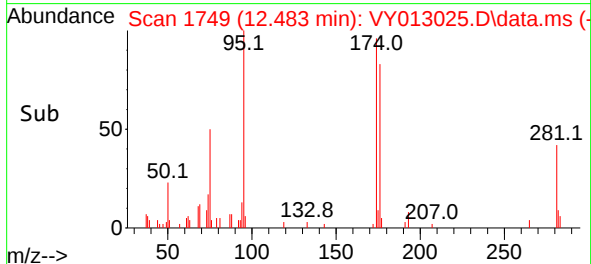
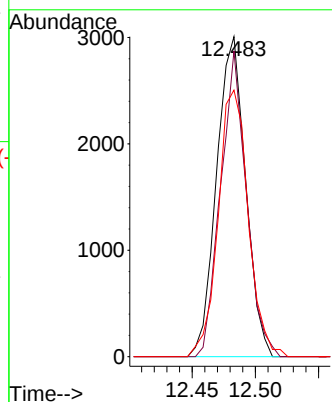
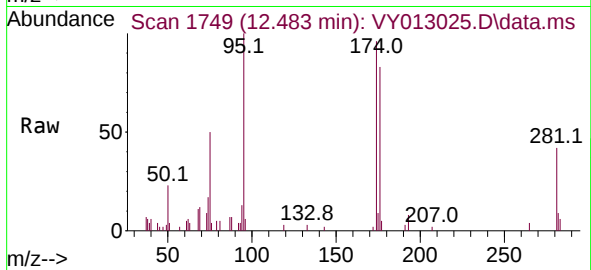




#62
4-Bromofluorobenzene
Concen: 44.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013025.D
Acq: 21 Mar 2023 14:25

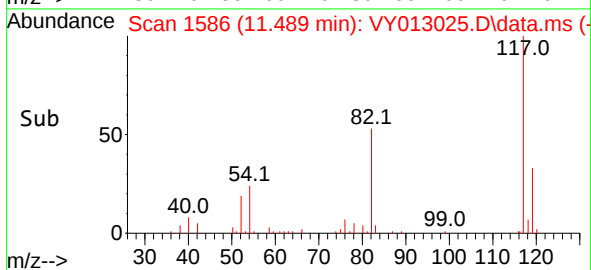
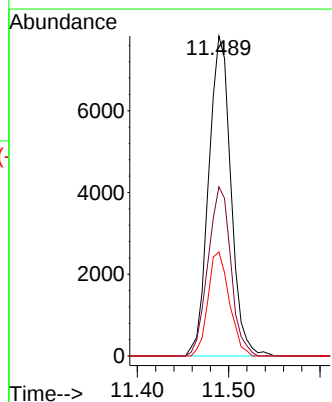
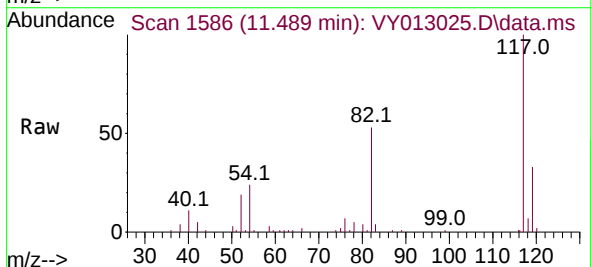
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

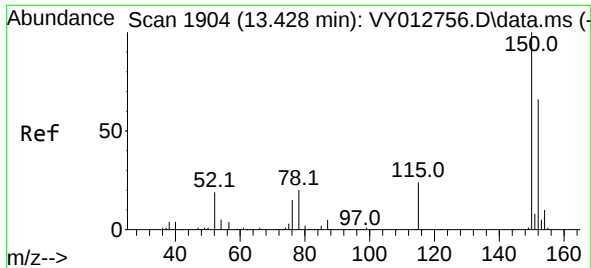
Tgt Ion: 95 Resp: 4789
Ion Ratio Lower Upper
95 100
174 85.0 0.0 176.6
176 86.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013025.D
Acq: 21 Mar 2023 14:25

Tgt Ion: 117 Resp: 13202
Ion Ratio Lower Upper
117 100
82 52.9 45.4 68.0
119 32.5 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: VY013025.D

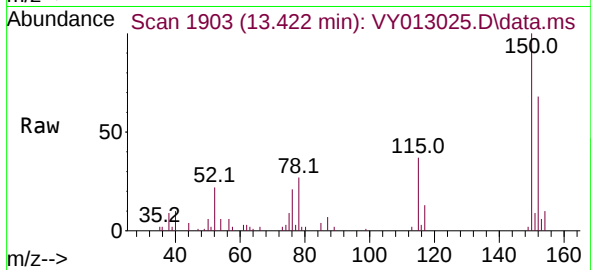
Acq: 21 Mar 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

SP-2



Tgt Ion:152 Resp: 5006

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 154.8 0.0 347.8

