

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012980.D
 Acq On : 16 Mar 2023 19:03
 Operator : KP/MD
 Sample : 01928-01
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 031423-1

Quant Time: Mar 17 01:39:40 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)

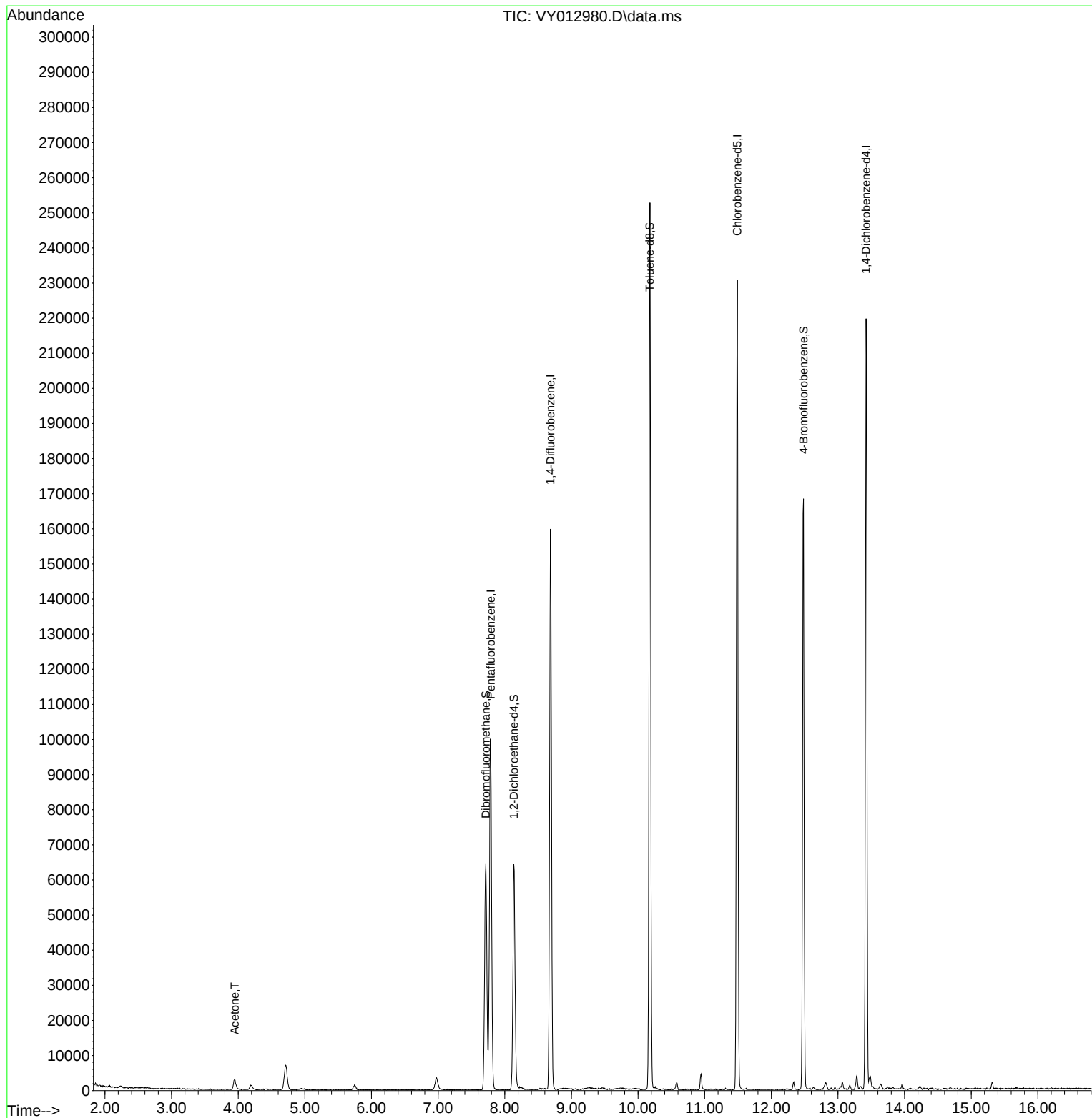
Internal Standards						
1) Pentafluorobenzene	7.789	168	77987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	133522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	121602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	49861	64.394	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.780%
35) Dibromofluoromethane	7.716	113	44537	55.270	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.540%
50) Toluene-d8	10.179	98	161341	54.769	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.540%
62) 4-Bromofluorobenzene	12.483	95	48334	48.611	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.220%
Target Compounds						
16) Acetone	3.948	43	5281	17.376	ug/l	Qvalue 94

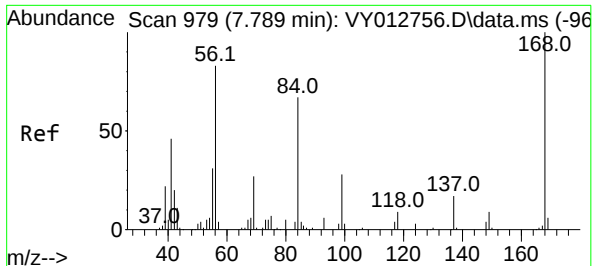
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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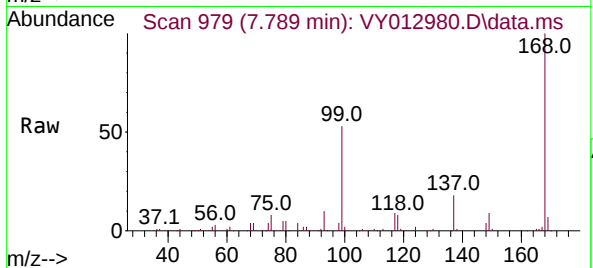
Quant Time: Mar 17 01:39:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
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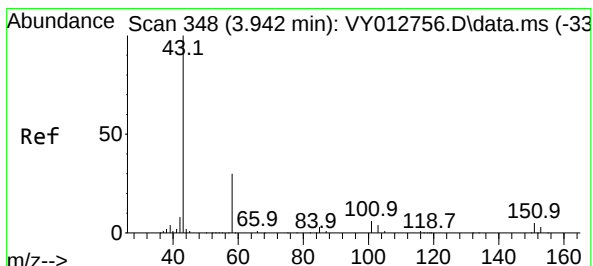
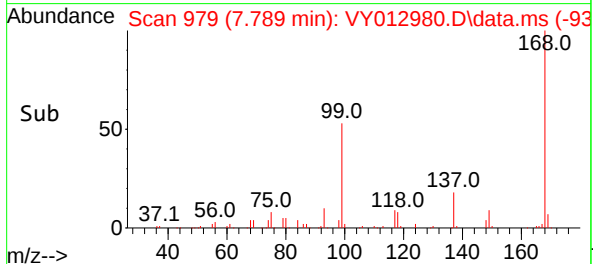
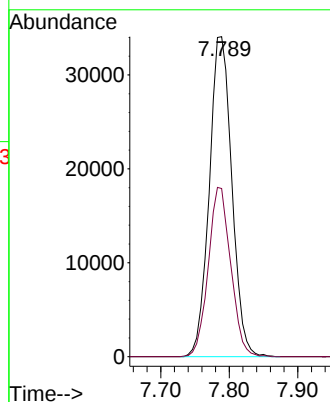


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012980.D
Acq: 16 Mar 2023 19:03

Instrument :
MSVOA_Y
ClientSampleId :
031423-1

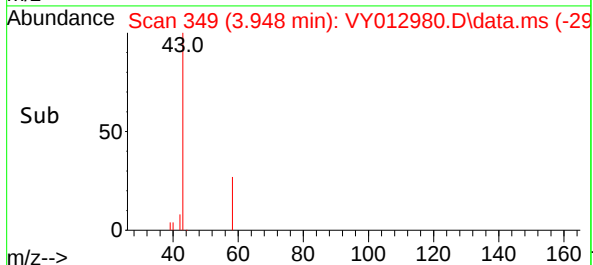
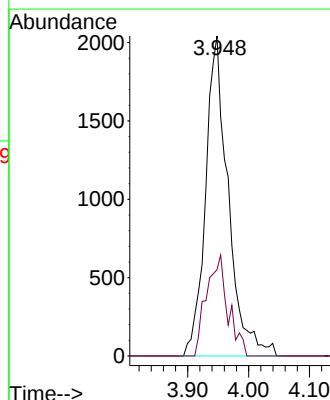
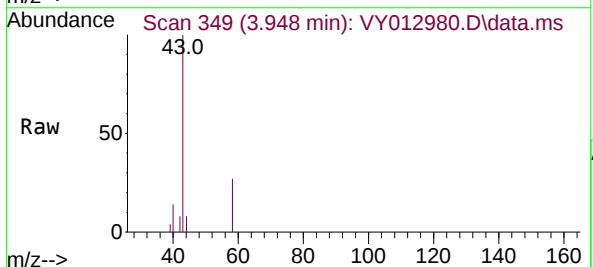


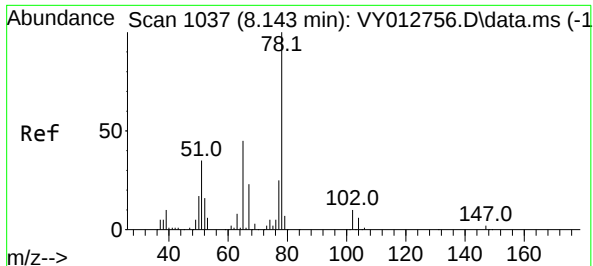
Tgt Ion:168 Resp: 77987
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#16
Acetone
Concen: 17.376 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012980.D
Acq: 16 Mar 2023 19:03

Tgt Ion: 43 Resp: 5281
Ion Ratio Lower Upper
43 100
58 27.0 24.2 36.2





#33

1,2-Dichloroethane-d4

Concen: 64.394 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY012980.D

Acq: 16 Mar 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

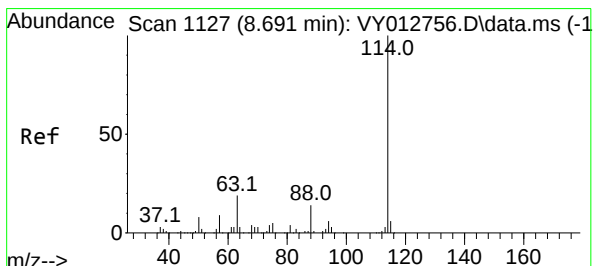
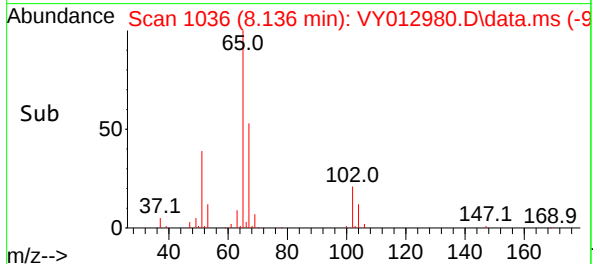
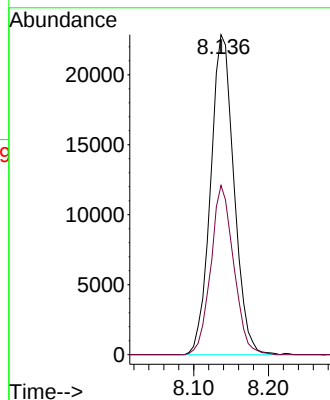
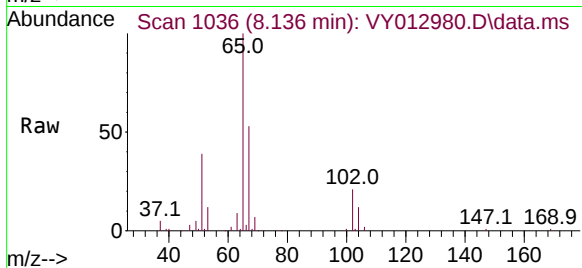
031423-1

Tgt Ion: 65 Resp: 49861

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012980.D

Acq: 16 Mar 2023 19:03

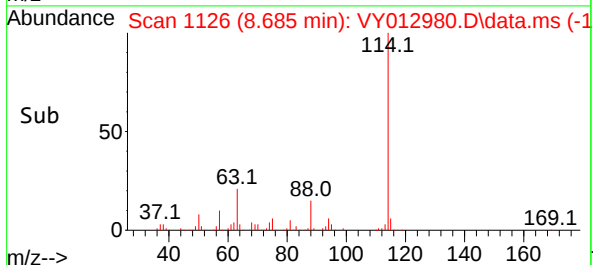
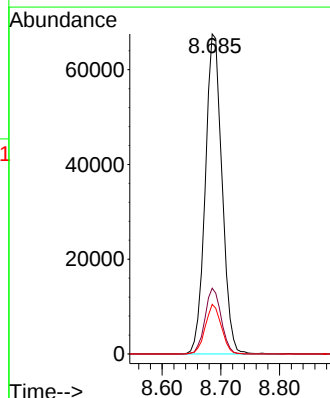
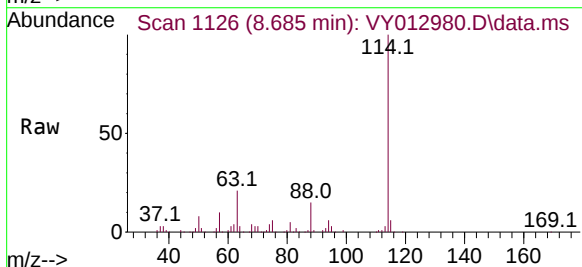
Tgt Ion: 114 Resp: 133522

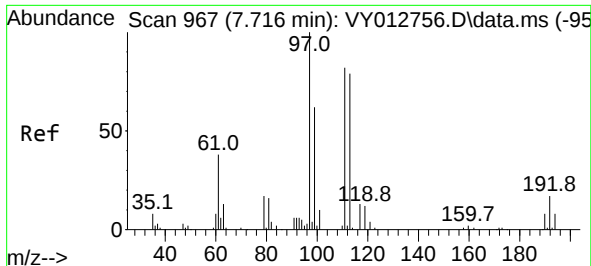
Ion Ratio Lower Upper

114 100

63 20.5 0.0 37.4

88 15.5 0.0 28.6

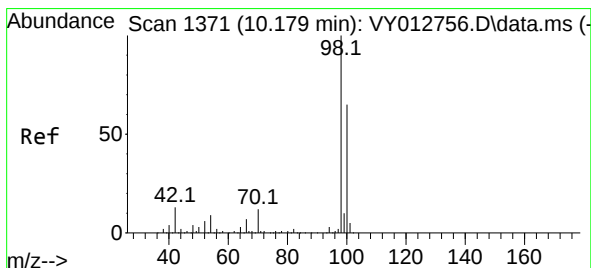
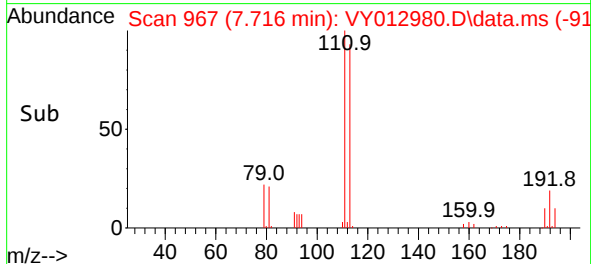
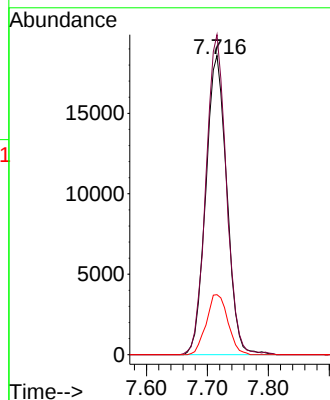
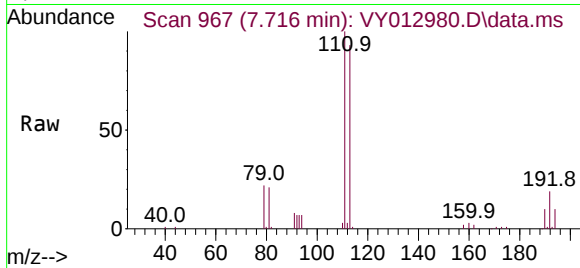




#35
Dibromofluoromethane
Concen: 55.270 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012980.D
Acq: 16 Mar 2023 19:03

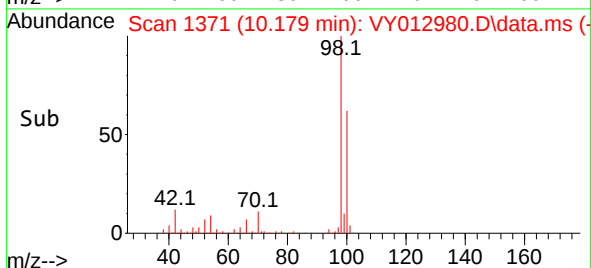
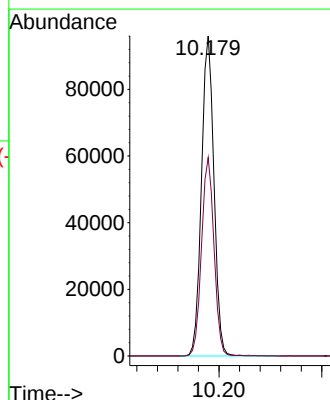
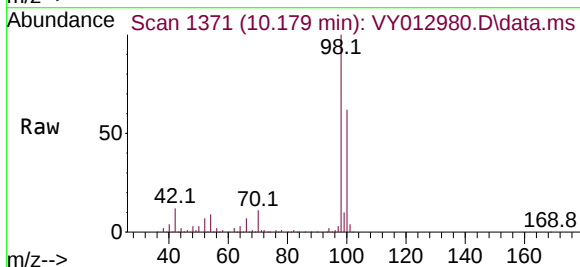
Instrument :
MSVOA_Y
ClientSampleId :
031423-1

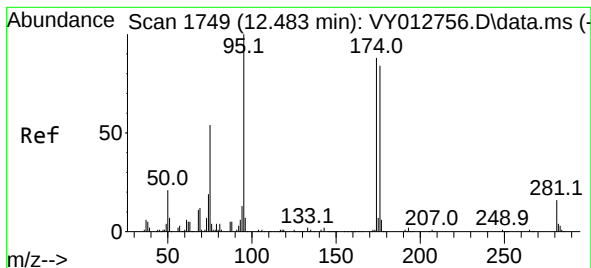
Tgt Ion:113 Resp: 44537
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.2
192 20.6 16.8 25.2



#50
Toluene-d8
Concen: 54.769 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012980.D
Acq: 16 Mar 2023 19:03

Tgt Ion: 98 Resp: 161341
Ion Ratio Lower Upper
98 100
100 62.1 50.9 76.3

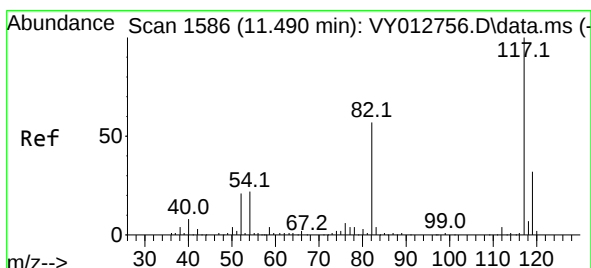
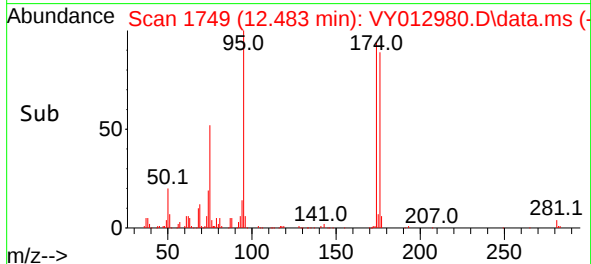
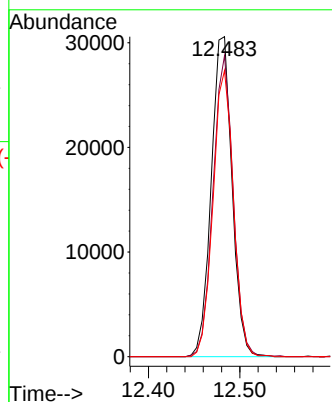
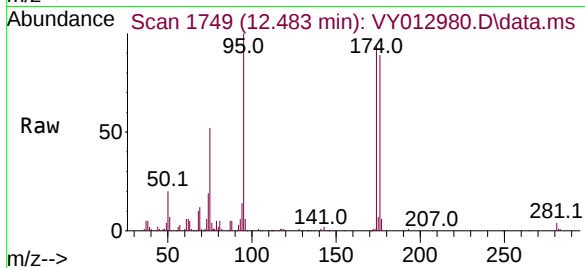




#62
4-Bromofluorobenzene
Concen: 48.611 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012980.D
Acq: 16 Mar 2023 19:03

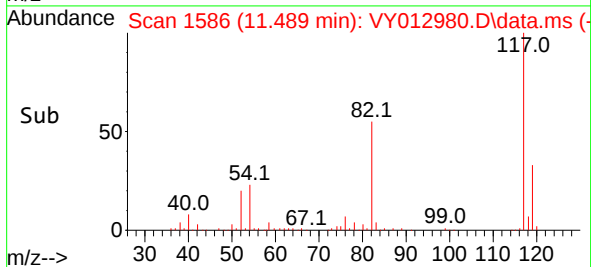
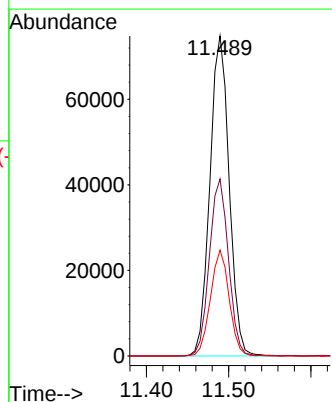
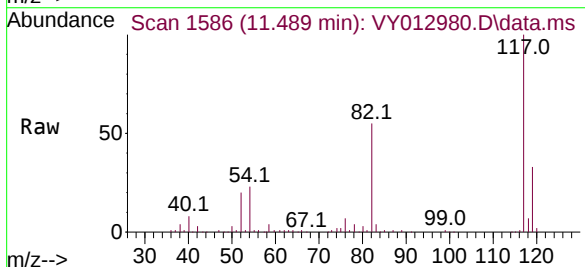
Instrument :
MSVOA_Y
ClientSampleId :
031423-1

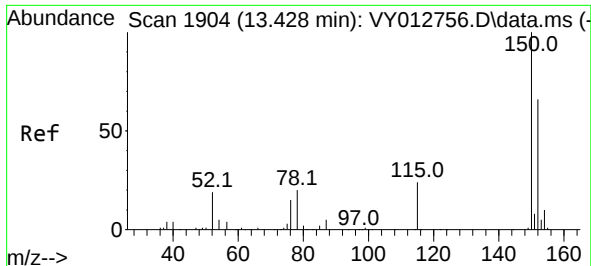
Tgt Ion: 95 Resp: 48334
Ion Ratio Lower Upper
95 100
174 91.2 0.0 176.6
176 87.6 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012980.D
Acq: 16 Mar 2023 19:03

Tgt Ion: 117 Resp: 121602
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.0
119 33.0 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: VY012980.D

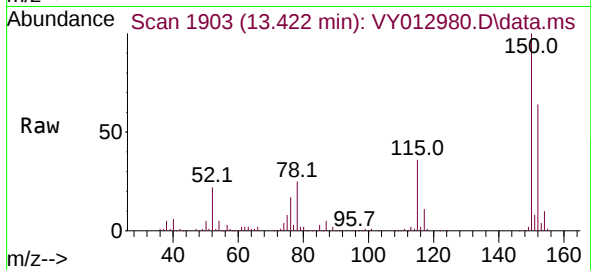
Acq: 16 Mar 2023 19:03

Instrument :

MSVOA_Y

ClientSampleId :

031423-1



Tgt Ion:152 Resp: 56122

Ion Ratio Lower Upper

152 100

115 56.0 27.1 81.3

150 157.3 0.0 347.8

