

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012609.D
 Acq On : 15 Feb 2023 12:56
 Operator : KP/MD
 Sample : 01552-12
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-4.0-6.0

Quant Time: Feb 16 00:53:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

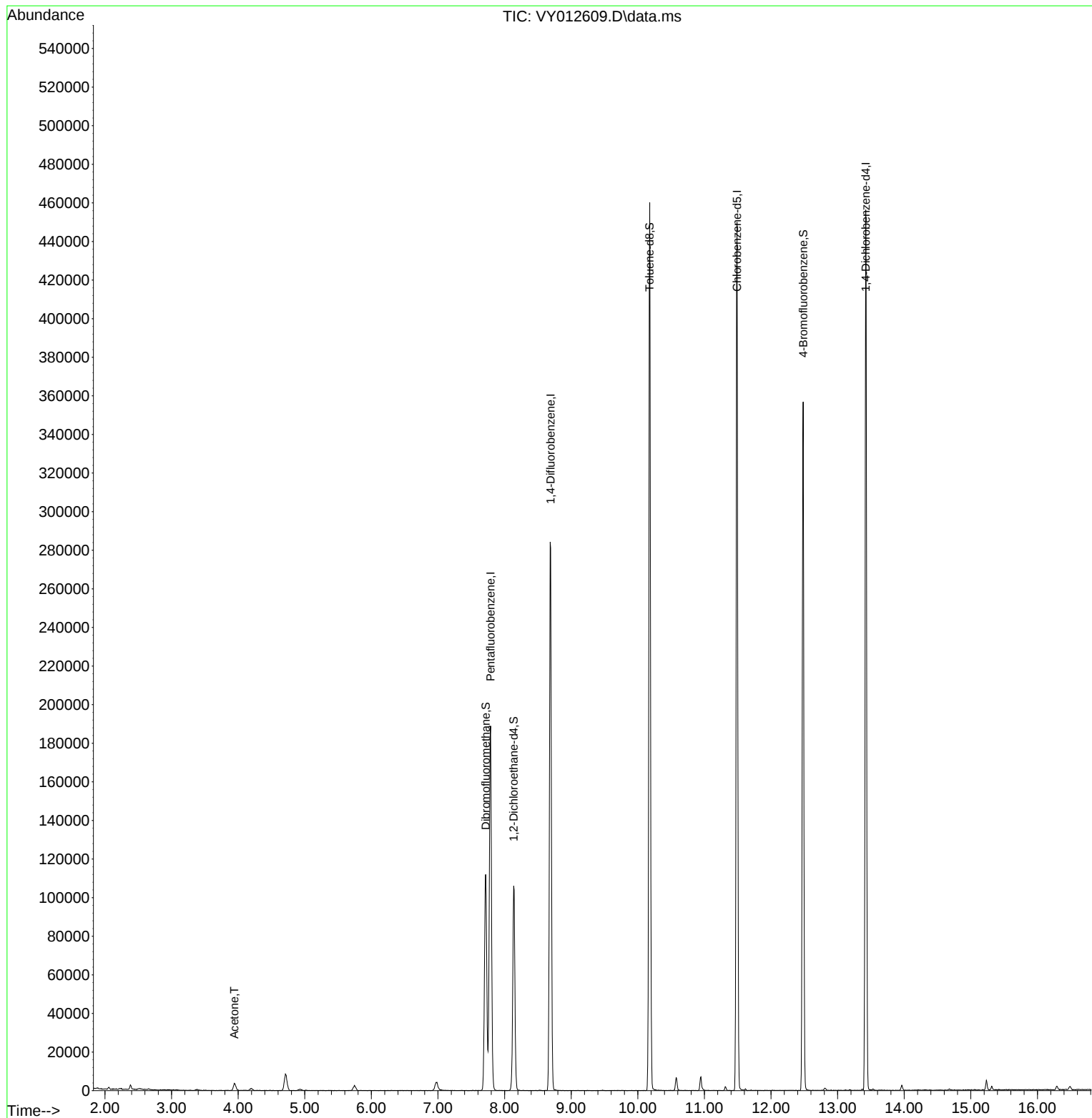
Internal Standards						
1) Pentafluorobenzene	7.789	168	154483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	260240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	260457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	125155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	87970	44.781	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.560%
35) Dibromofluoromethane	7.716	113	76637	40.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.880%
50) Toluene-d8	10.179	98	309735	39.264	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.520%
62) 4-Bromofluorobenzene	12.483	95	104201	37.870	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.740%
Target Compounds						
16) Acetone	3.942	43	6272	13.265	ug/l	Qvalue # 82

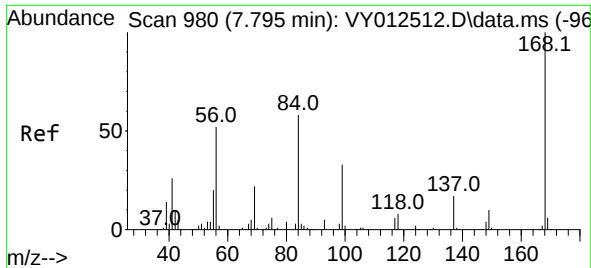
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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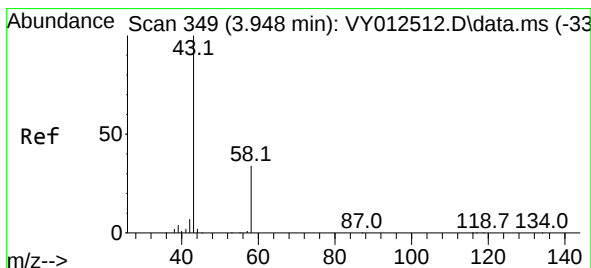
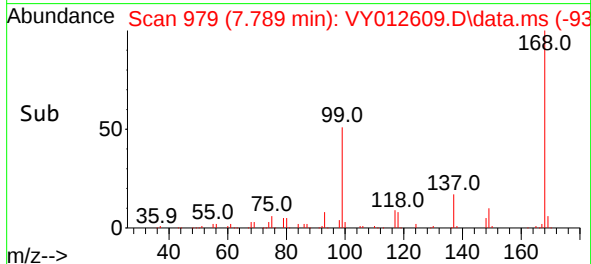
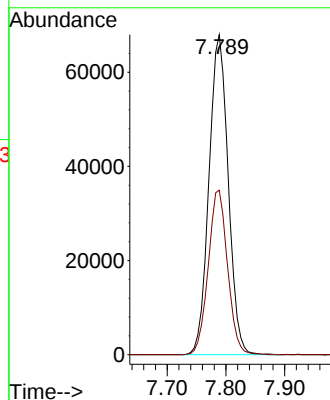
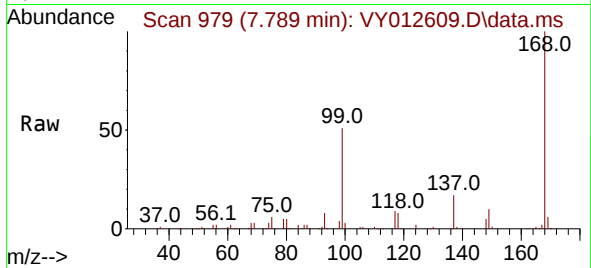




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012609.D
Acq: 15 Feb 2023 12:56

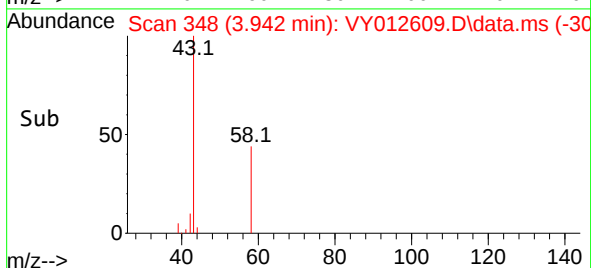
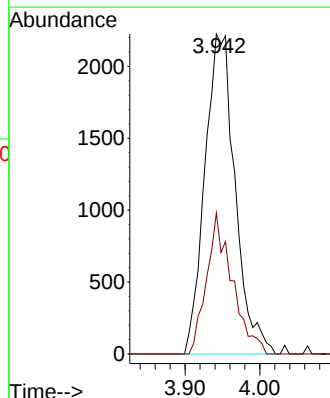
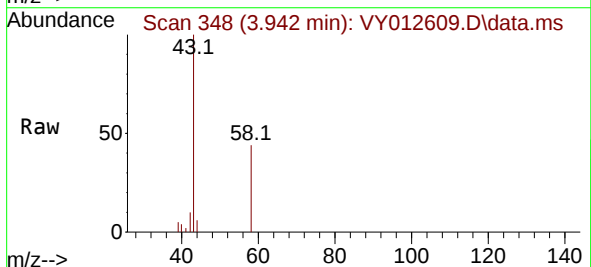
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.0-6.0

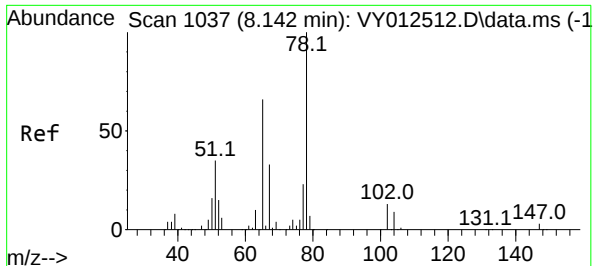
Tgt Ion:168 Resp: 154483
Ion Ratio Lower Upper
168 100
99 51.4 40.8 61.2



#16
Acetone
Concen: 13.265 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY012609.D
Acq: 15 Feb 2023 12:56

Tgt Ion: 43 Resp: 6272
Ion Ratio Lower Upper
43 100
58 44.1 27.1 40.7#





#33

1,2-Dichloroethane-d4

Concen: 44.781 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY012609.D

Acq: 15 Feb 2023 12:56

Instrument :

MSVOA_Y

ClientSampleId :

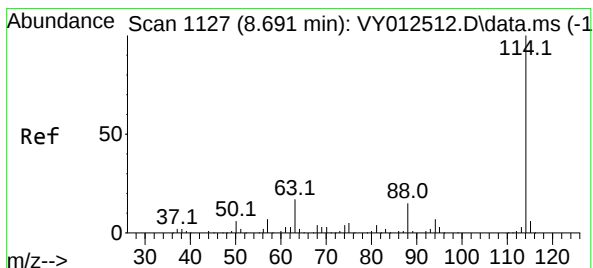
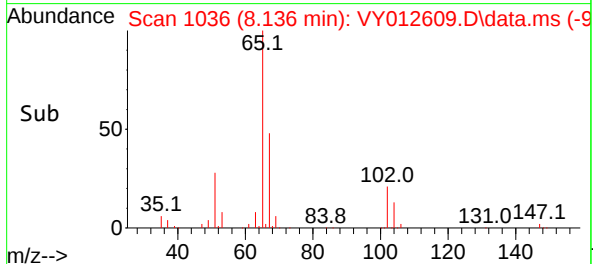
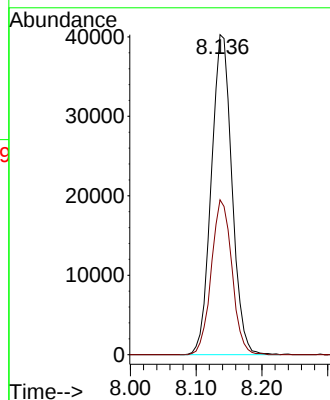
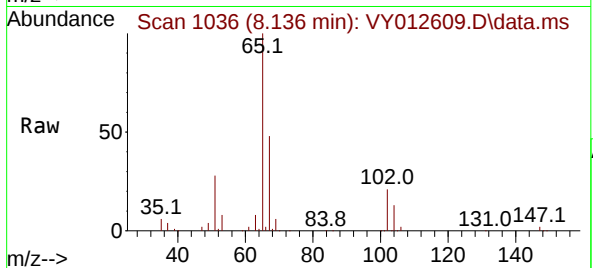
SB-06-4.0-6.0

Tgt Ion: 65 Resp: 87970

Ion Ratio Lower Upper

65 100

67 48.4 0.0 98.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012609.D

Acq: 15 Feb 2023 12:56

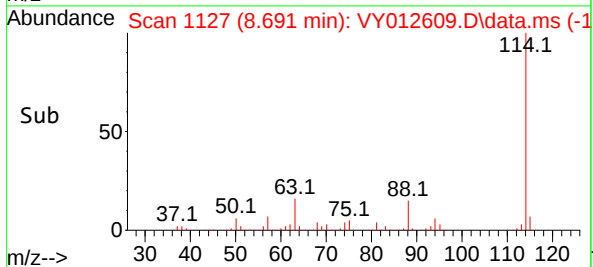
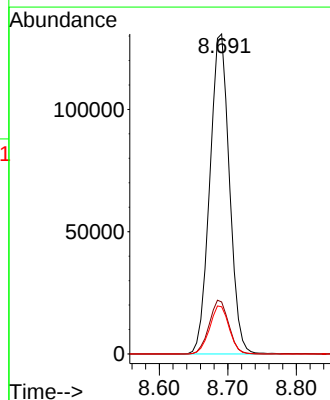
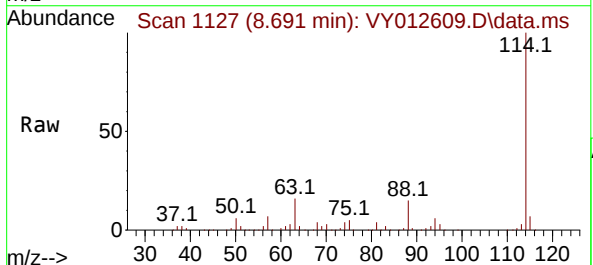
Tgt Ion: 114 Resp: 260240

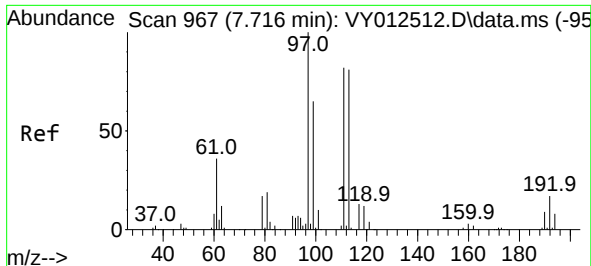
Ion Ratio Lower Upper

114 100

63 16.3 0.0 33.6

88 14.8 0.0 29.8

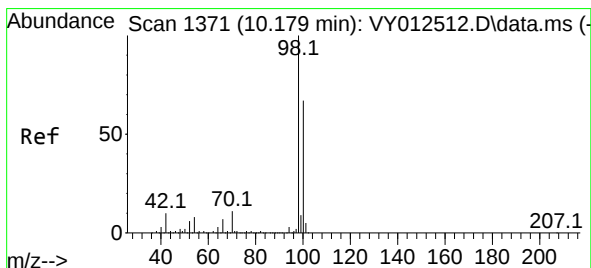
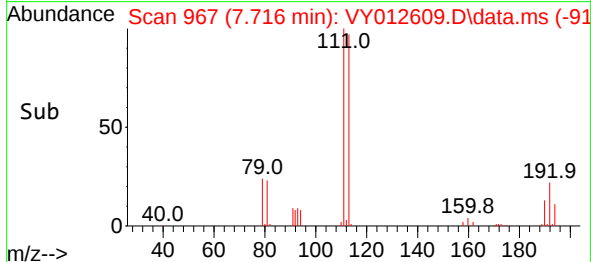
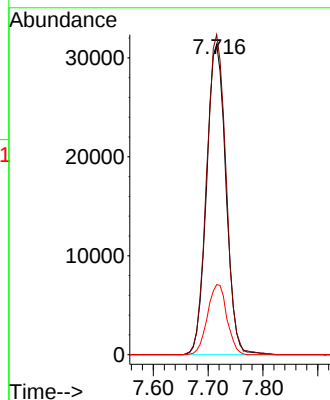
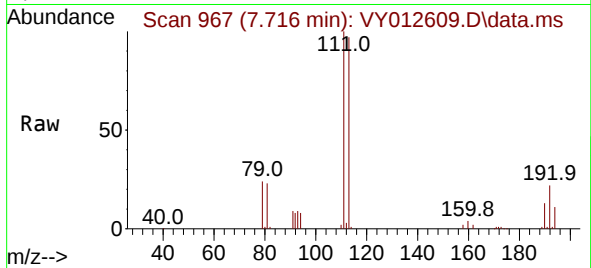




#35
Dibromofluoromethane
Concen: 40.437 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012609.D
Acq: 15 Feb 2023 12:56

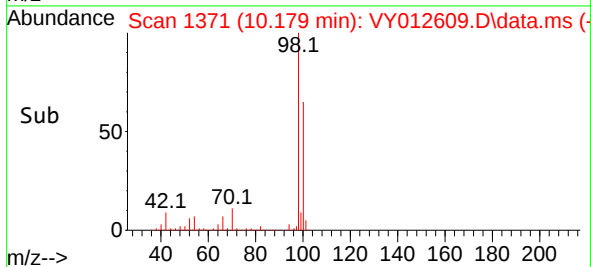
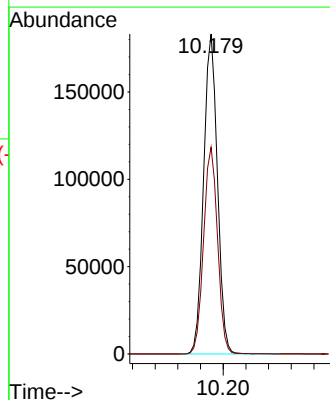
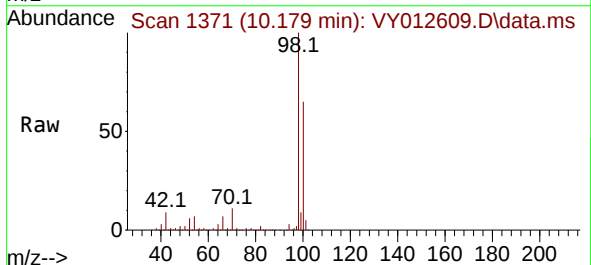
Instrument :
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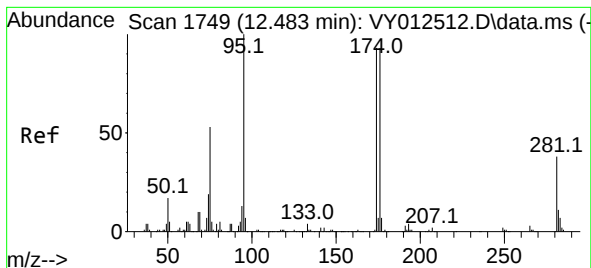
Tgt Ion:113 Resp: 76637
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 22.7 17.5 26.3



#50
Toluene-d8
Concen: 39.264 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012609.D
Acq: 15 Feb 2023 12:56

Tgt Ion: 98 Resp: 309735
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2

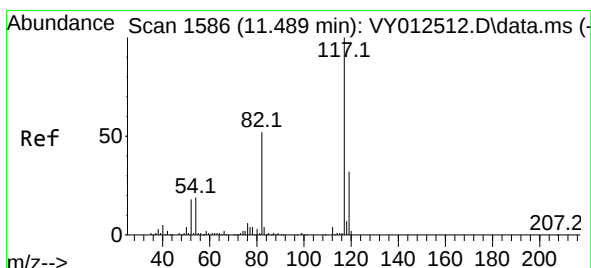
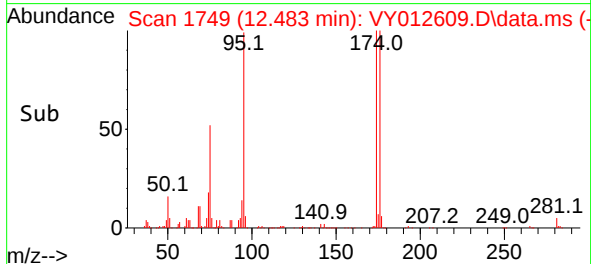
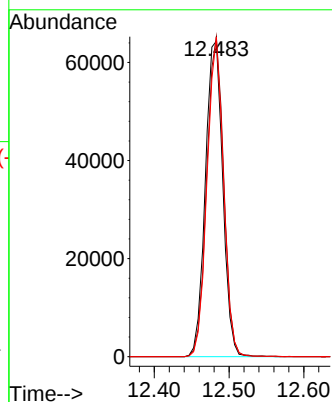
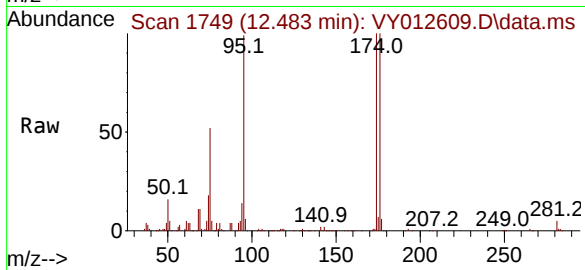




#62
4-Bromofluorobenzene
Concen: 37.870 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012609.D
Acq: 15 Feb 2023 12:56

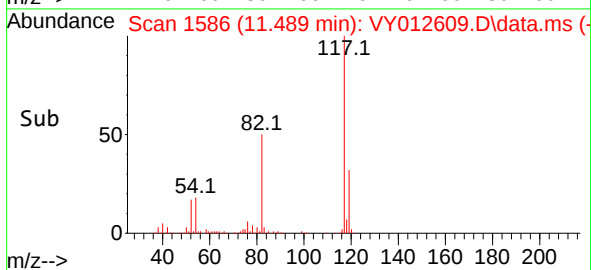
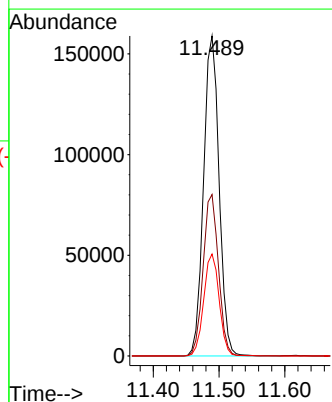
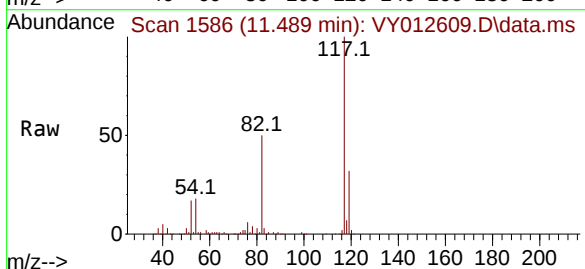
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.0-6.0

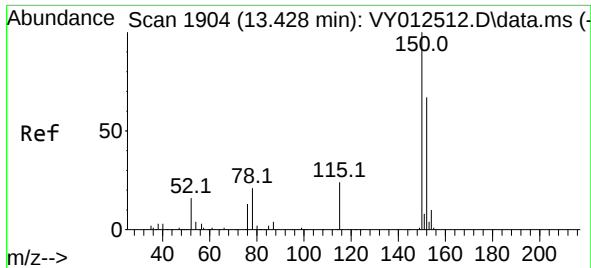
Tgt Ion: 95 Resp: 104201
Ion Ratio Lower Upper
95 100
174 99.0 0.0 188.0
176 95.4 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012609.D
Acq: 15 Feb 2023 12:56

Tgt Ion: 117 Resp: 260457
Ion Ratio Lower Upper
117 100
82 50.5 41.7 62.5
119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012609.D

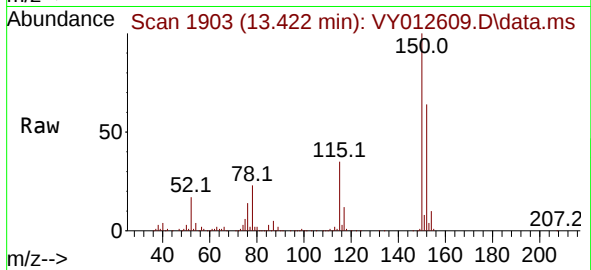
Acq: 15 Feb 2023 12:56

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-4.0-6.0



Tgt Ion:152 Resp: 125155

Ion Ratio Lower Upper

152 100

115 55.5 28.1 84.3

150 158.1 0.0 351.0

