

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041123\
 Data File : VY013240.D
 Acq On : 11 Apr 2023 14:05
 Operator : KP/MD
 Sample : VY0411SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBL01

Quant Time: Apr 11 17:09:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041123S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 11 11:59:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	85695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58404	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	50355	52.253	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.500%
35) Dibromofluoromethane	7.716	113	42615	49.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.179	98	144348	48.026	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.060%
62) 4-Bromofluorobenzene	12.477	95	46222	43.065	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.140%

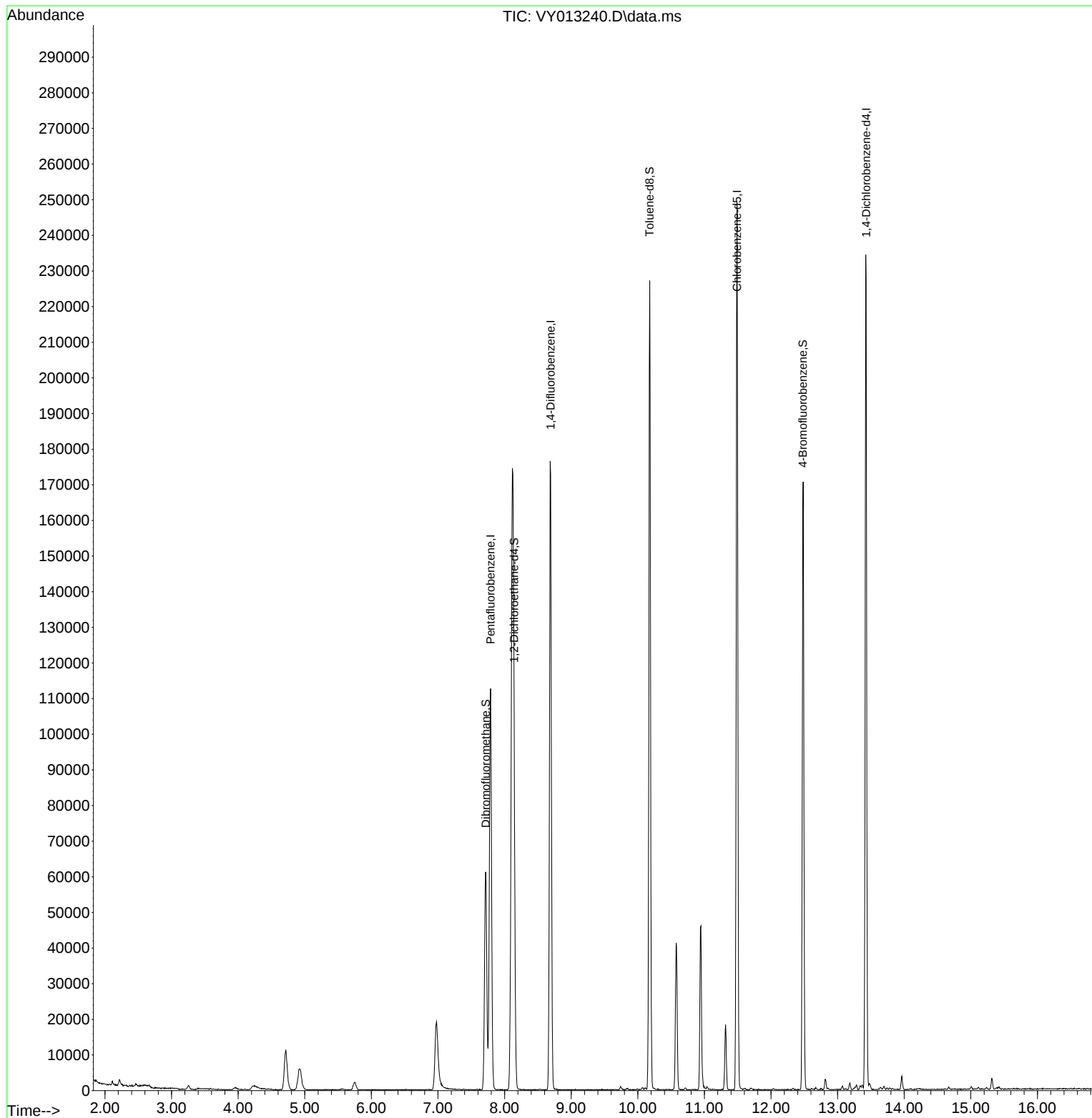
Target Compounds	Qvalue

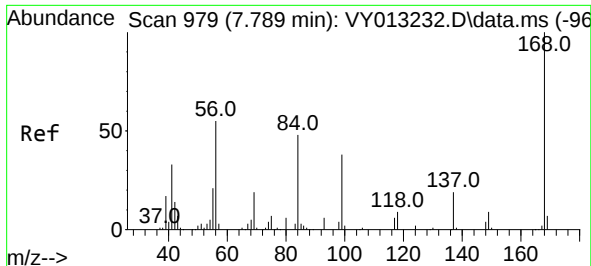
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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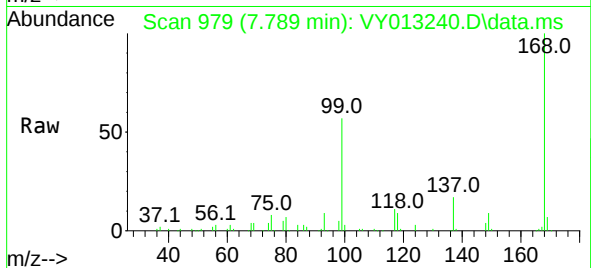
Quant Time: Apr 11 17:09:46 2023
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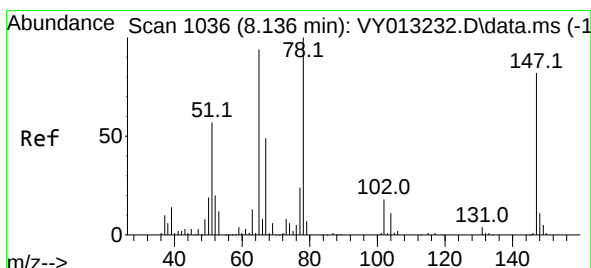
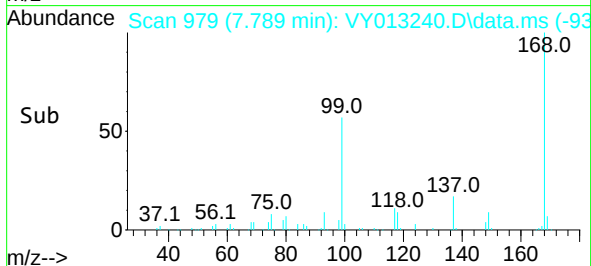
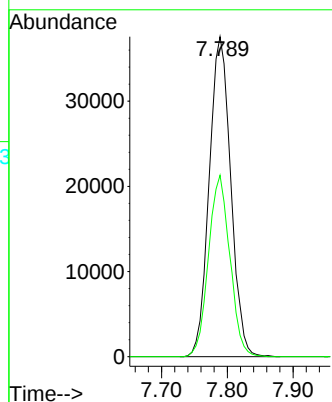


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013240.D
Acq: 11 Apr 2023 14:05

Instrument :
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ClientSampleId :
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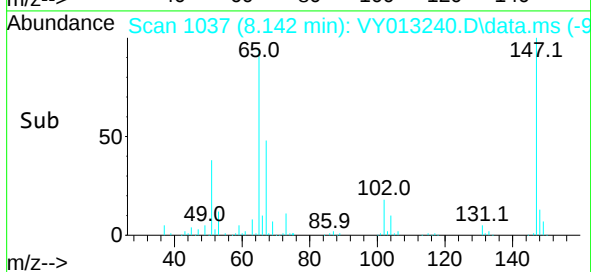
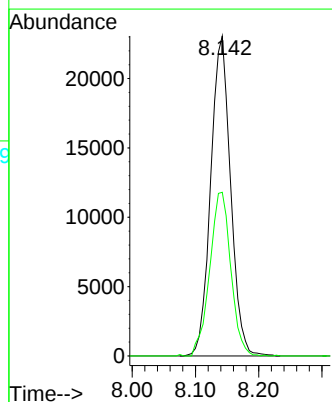
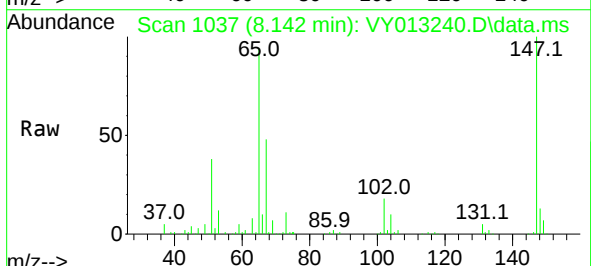


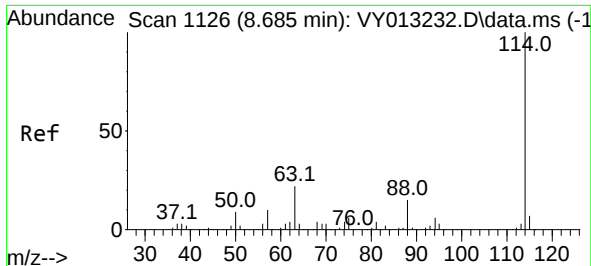
Tgt Ion:168 Resp: 85695
Ion Ratio Lower Upper
168 100
99 56.7 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 52.253 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013240.D
Acq: 11 Apr 2023 14:05

Tgt Ion: 65 Resp: 50355
Ion Ratio Lower Upper
65 100
67 54.3 0.0 104.0

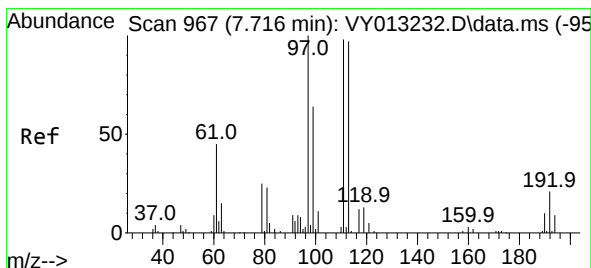
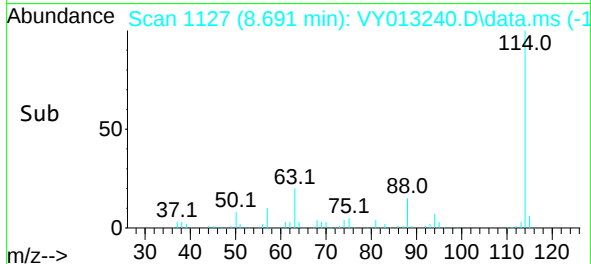
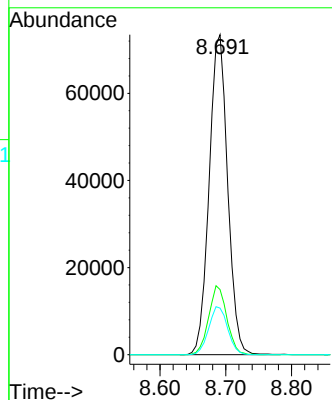
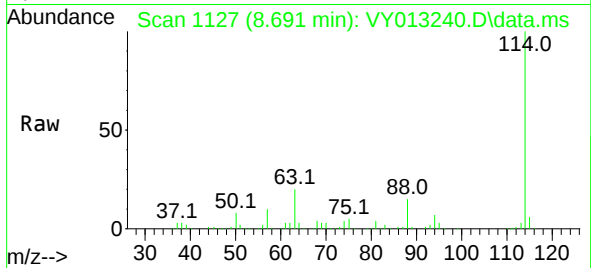




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY013240.D
Acq: 11 Apr 2023 14:05

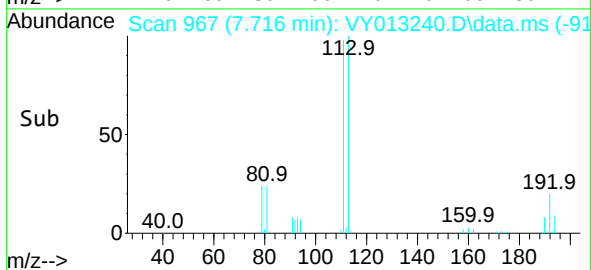
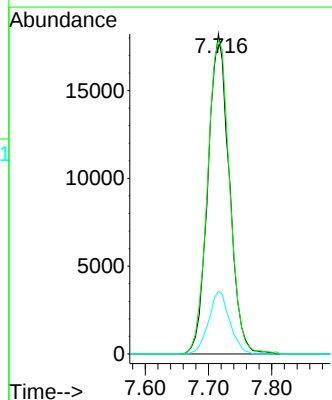
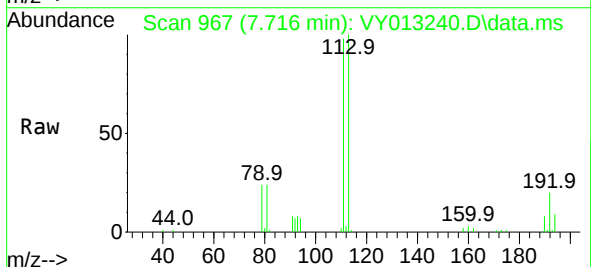
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

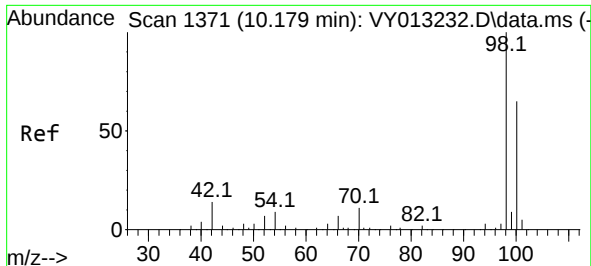
Tgt Ion:114 Resp: 143618
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 14.6 0.0 28.6



#35
Dibromofluoromethane
Concen: 49.640 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013240.D
Acq: 11 Apr 2023 14:05

Tgt Ion:113 Resp: 42615
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.3 16.8 25.2

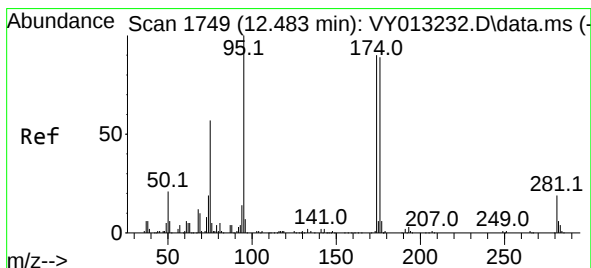
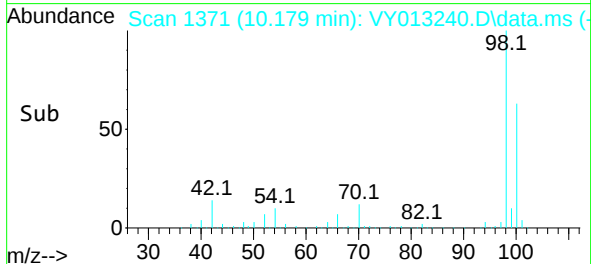
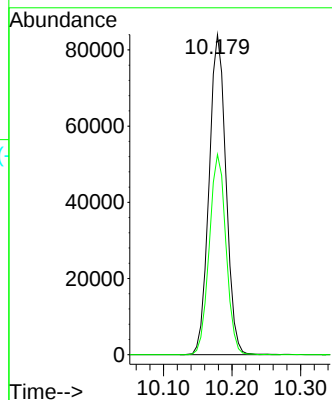
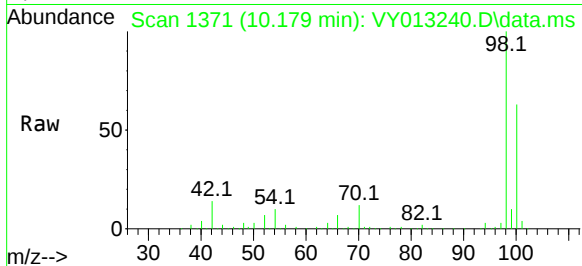




#50
Toluene-d8
Concen: 48.026 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013240.D
Acq: 11 Apr 2023 14:05

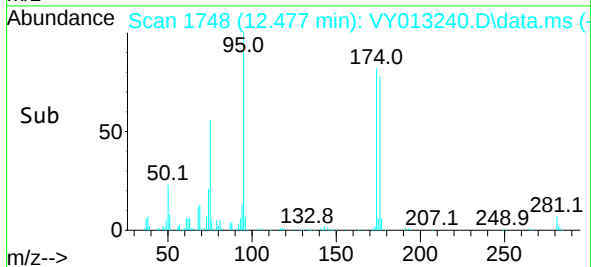
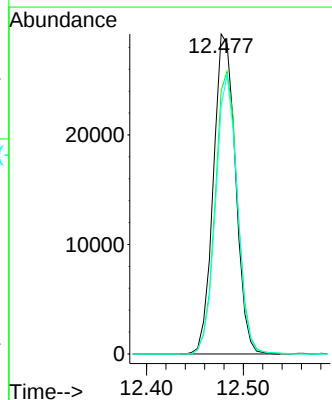
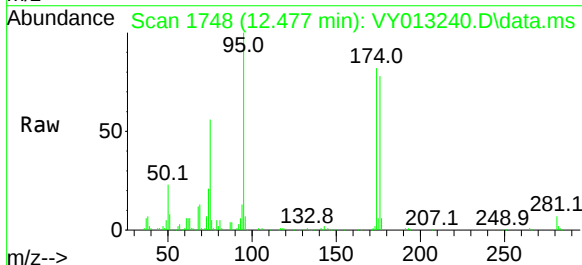
Instrument :
MSVOA_Y
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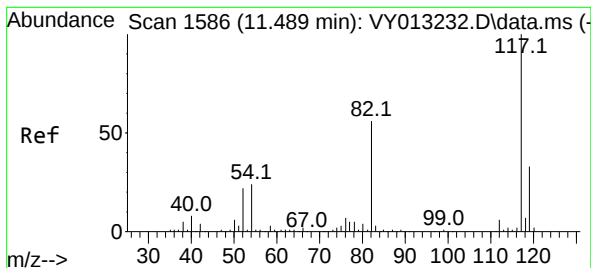
Tgt Ion: 98 Resp: 144348
Ion Ratio Lower Upper
98 100
100 61.8 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.065 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013240.D
Acq: 11 Apr 2023 14:05

Tgt Ion: 95 Resp: 46222
Ion Ratio Lower Upper
95 100
174 89.2 0.0 176.6
176 85.6 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013240.D

Acq: 11 Apr 2023 14:05

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBL01

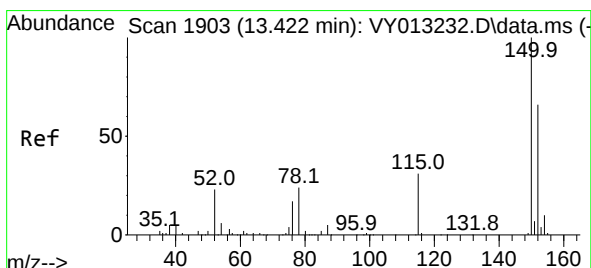
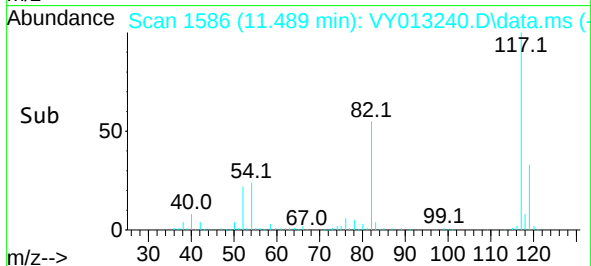
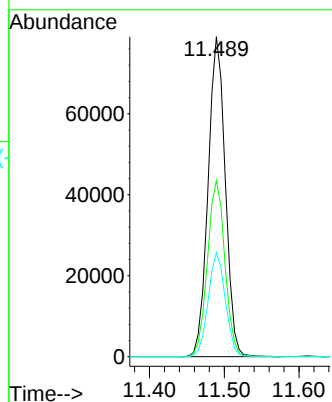
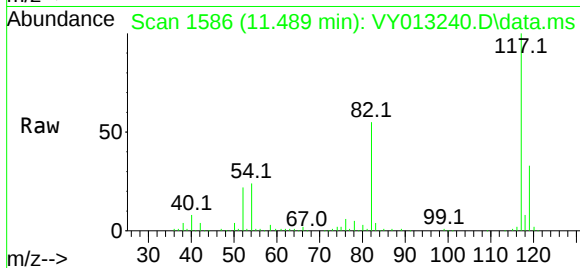
Tgt Ion:117 Resp: 126061

Ion Ratio Lower Upper

117 100

82 55.0 45.4 68.0

119 32.5 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013240.D

Acq: 11 Apr 2023 14:05

Tgt Ion:152 Resp: 58404

Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.3

150 155.9 0.0 347.8

