

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013647.D
 Acq On : 08 May 2023 14:25
 Operator : KP/MD
 Sample : 02622-03RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-251675

Quant Time: May 09 04:56:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

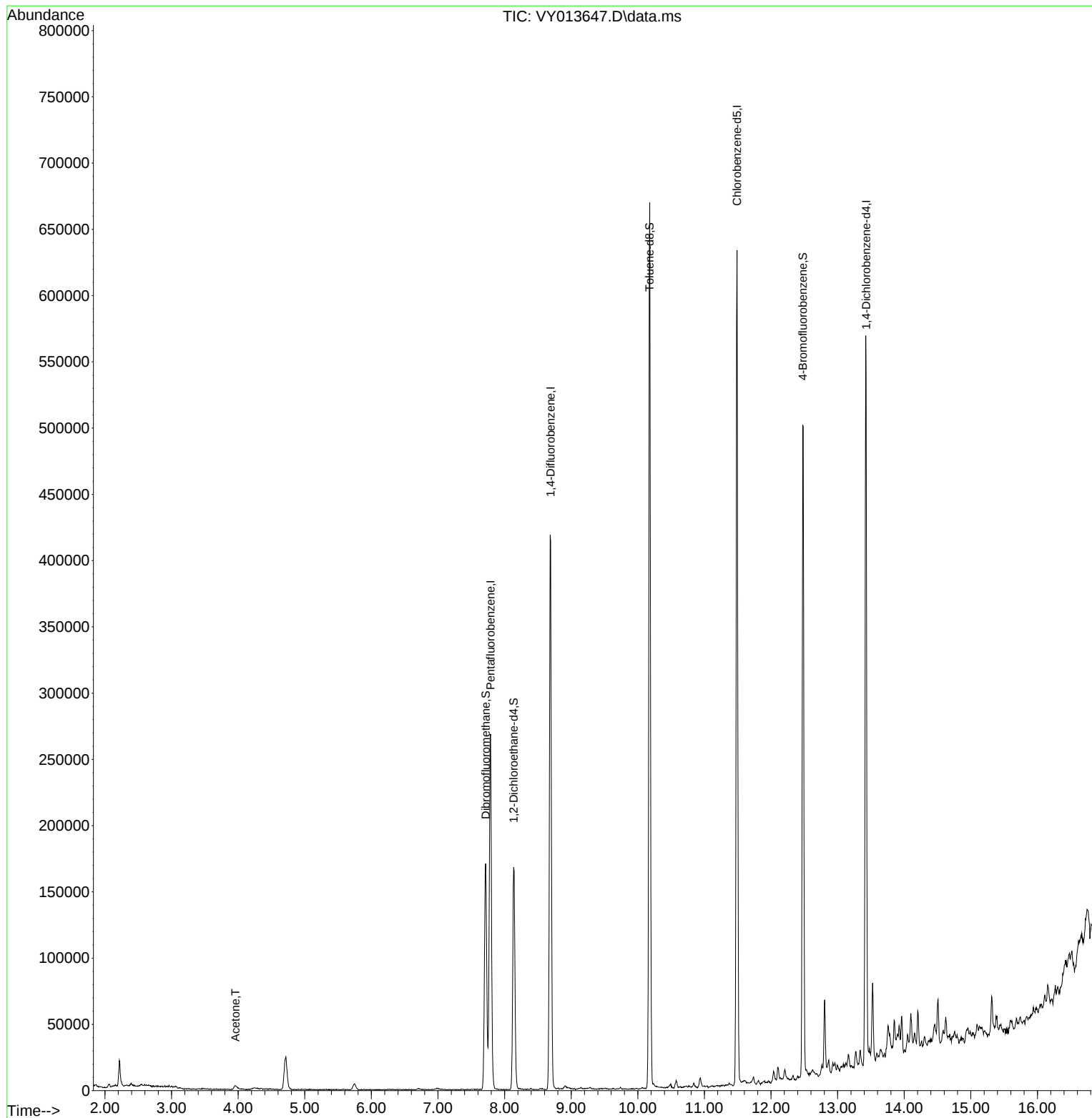
Internal Standards						
1) Pentafluorobenzene	7.789	168	208270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	350462	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	139675	61.178	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.360%	
35) Dibromofluoromethane	7.716	113	118568	53.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.580%	
50) Toluene-d8	10.179	98	426995	54.454	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.900%	
62) 4-Bromofluorobenzene	12.477	95	142334	53.842	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.680%	
Target Compounds						
16) Acetone	3.960	43	6317	7.026	ug/l	Qvalue 90

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

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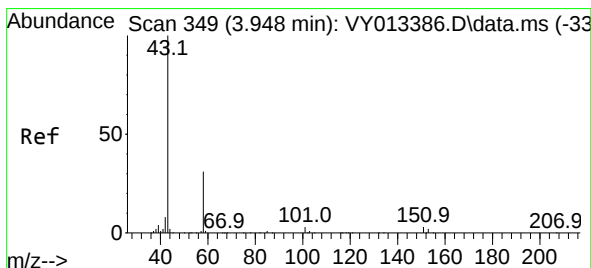
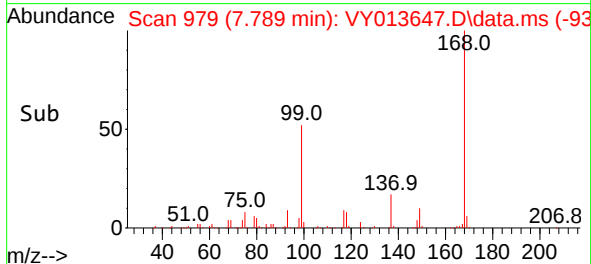
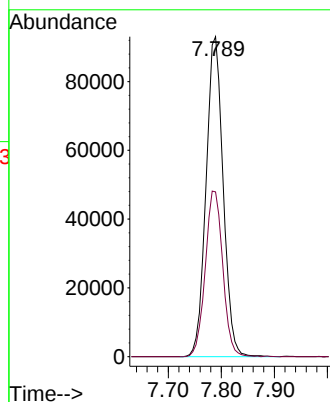
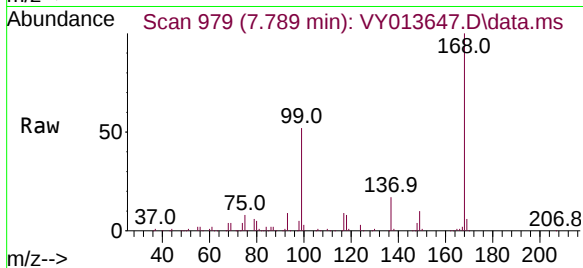




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013647.D
Acq: 08 May 2023 14:25

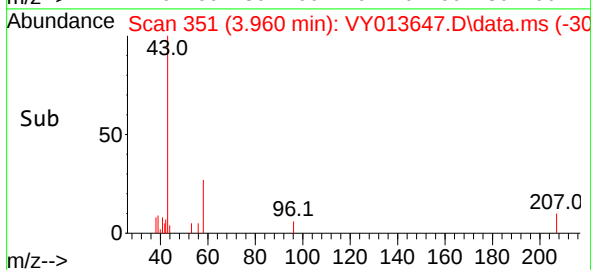
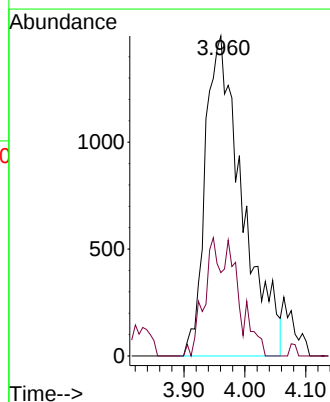
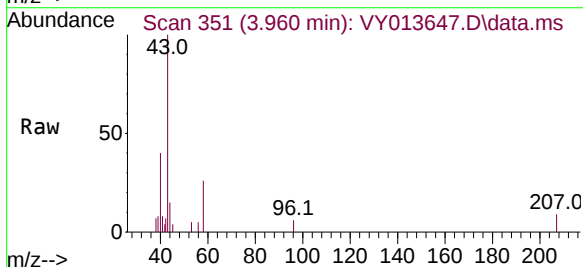
Instrument :
MSVOA_Y
ClientSampleId :
RBR-251675

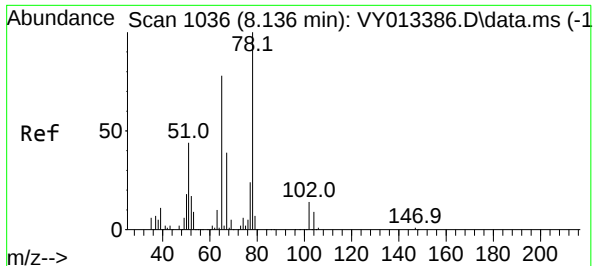
Tgt Ion:168 Resp: 208270
Ion Ratio Lower Upper
168 100
99 51.5 41.8 62.6



#16
Acetone
Concen: 7.026 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013647.D
Acq: 08 May 2023 14:25

Tgt Ion: 43 Resp: 6317
Ion Ratio Lower Upper
43 100
58 26.1 25.4 38.0





#33

1,2-Dichloroethane-d4

Concen: 61.178 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013647.D

Acq: 08 May 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

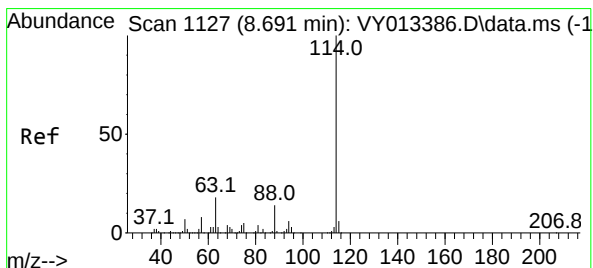
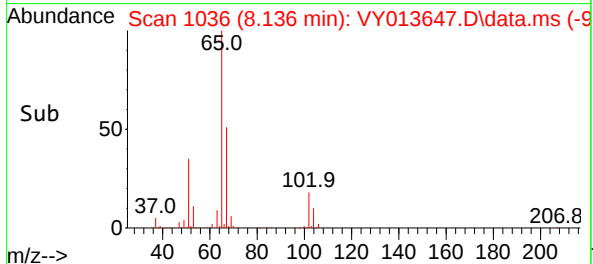
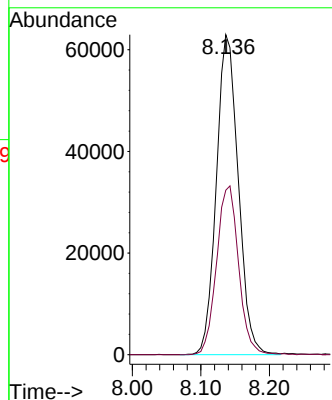
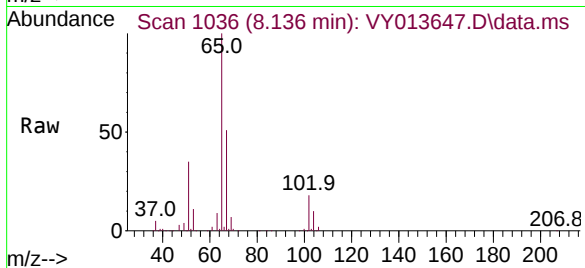
RBR-251675

Tgt Ion: 65 Resp: 139675

Ion Ratio Lower Upper

65 100

67 53.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013647.D

Acq: 08 May 2023 14:25

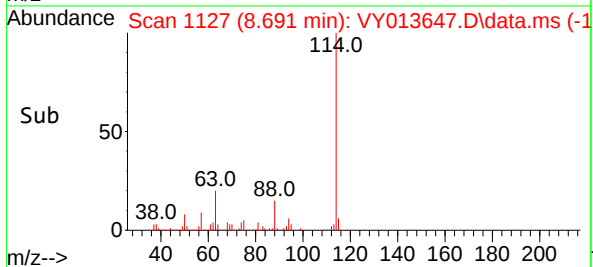
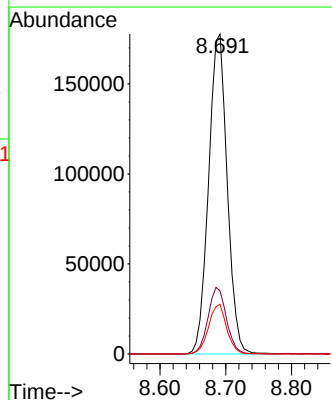
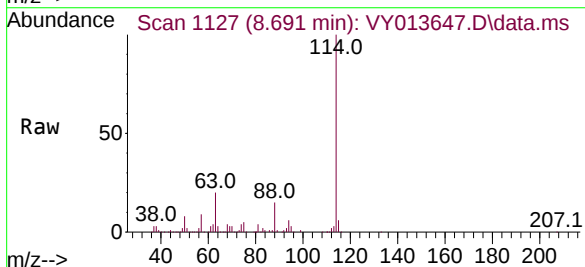
Tgt Ion: 114 Resp: 350462

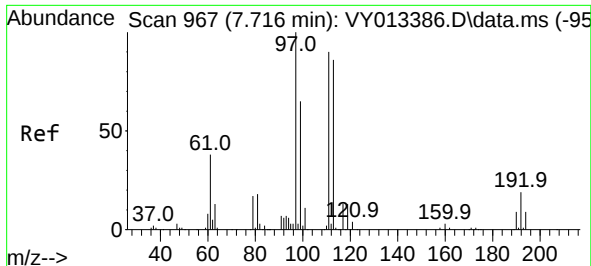
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.6

88 15.5 0.0 28.8

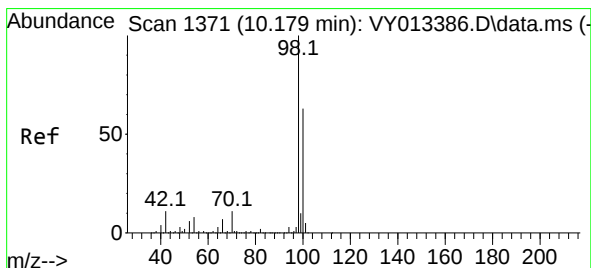
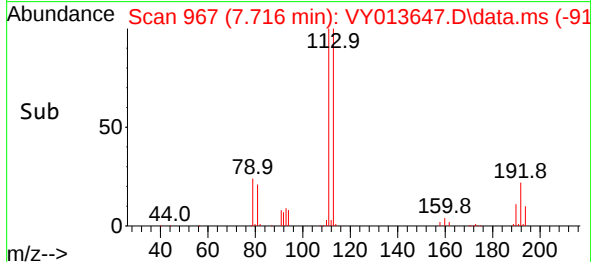
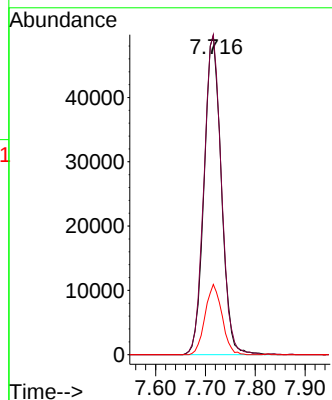
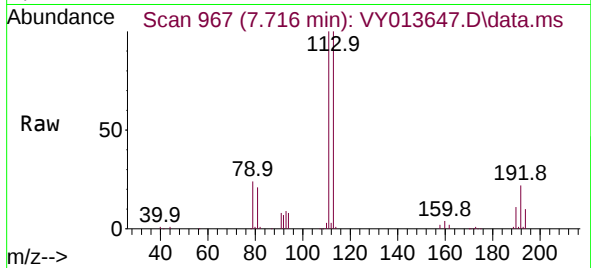




#35
Dibromofluoromethane
Concen: 53.791 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013647.D
Acq: 08 May 2023 14:25

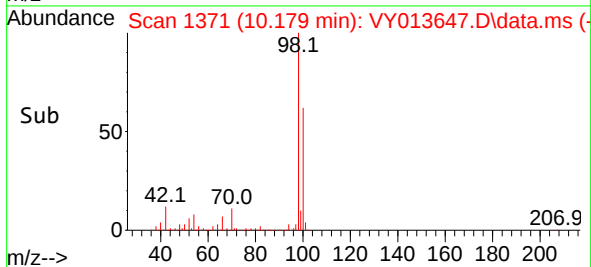
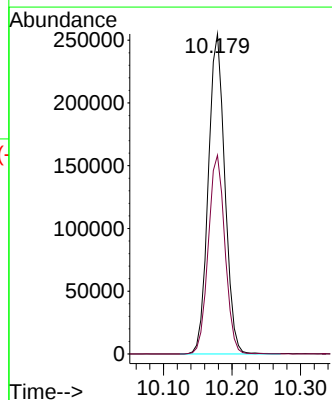
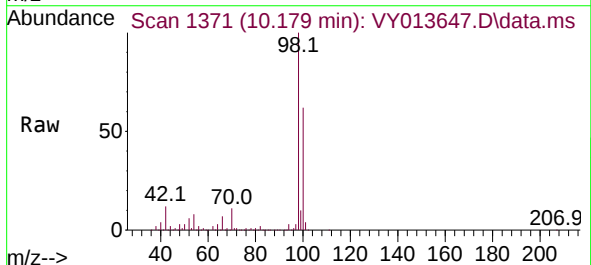
Instrument :
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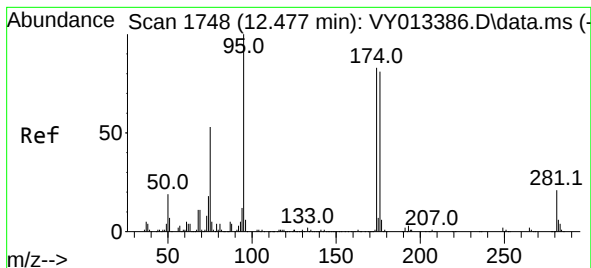
Tgt Ion:113 Resp: 118568
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 21.7 16.7 25.1



#50
Toluene-d8
Concen: 54.454 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013647.D
Acq: 08 May 2023 14:25

Tgt Ion: 98 Resp: 426995
Ion Ratio Lower Upper
98 100
100 62.6 50.5 75.7

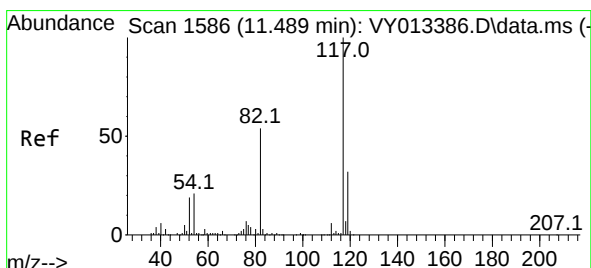
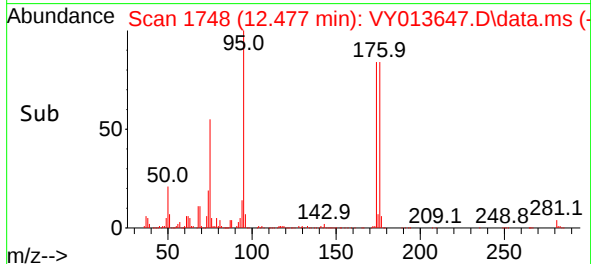
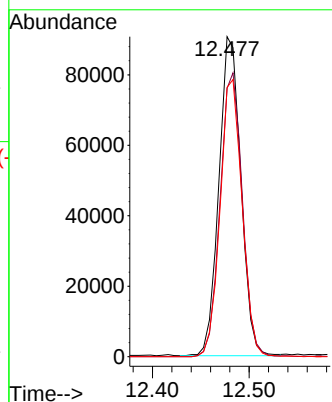
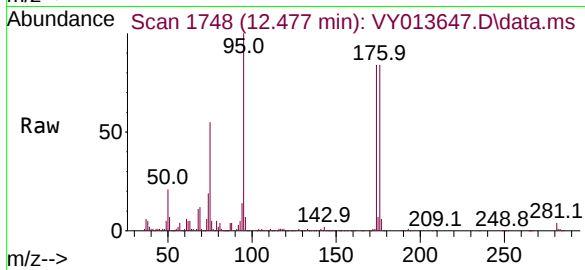




#62
4-Bromofluorobenzene
Concen: 53.842 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013647.D
Acq: 08 May 2023 14:25

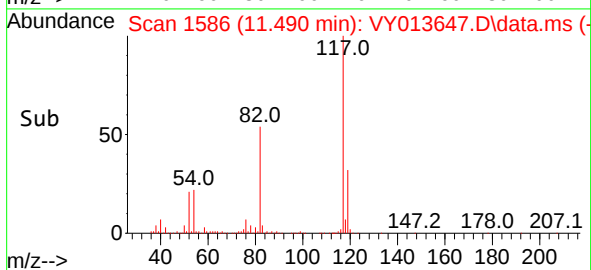
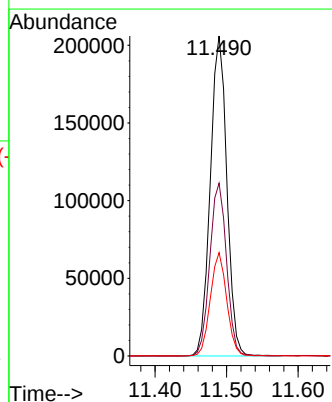
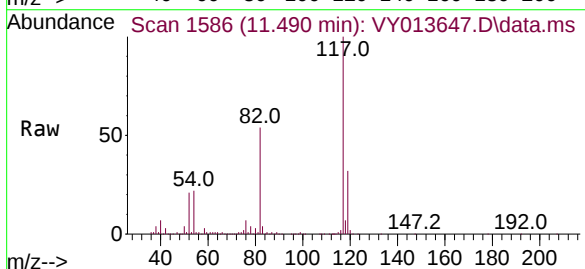
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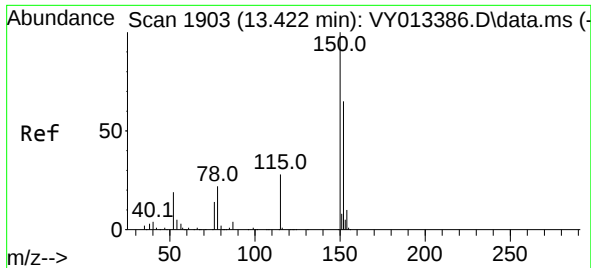
Tgt Ion: 95 Resp: 142334
Ion Ratio Lower Upper
95 100
174 90.1 0.0 182.0
176 87.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013647.D
Acq: 08 May 2023 14:25

Tgt Ion: 117 Resp: 331619
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.6
119 32.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY013647.D
 Acq: 08 May 2023 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR-251675

Tgt Ion:152 Resp: 143920
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.1 84.2
 150 154.6 0.0 352.0

