

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050223\
 Data File : VY013554.D
 Acq On : 02 May 2023 14:13
 Operator : KP/MD
 Sample : 02572-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT2343

Quant Time: May 03 01:33:32 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)

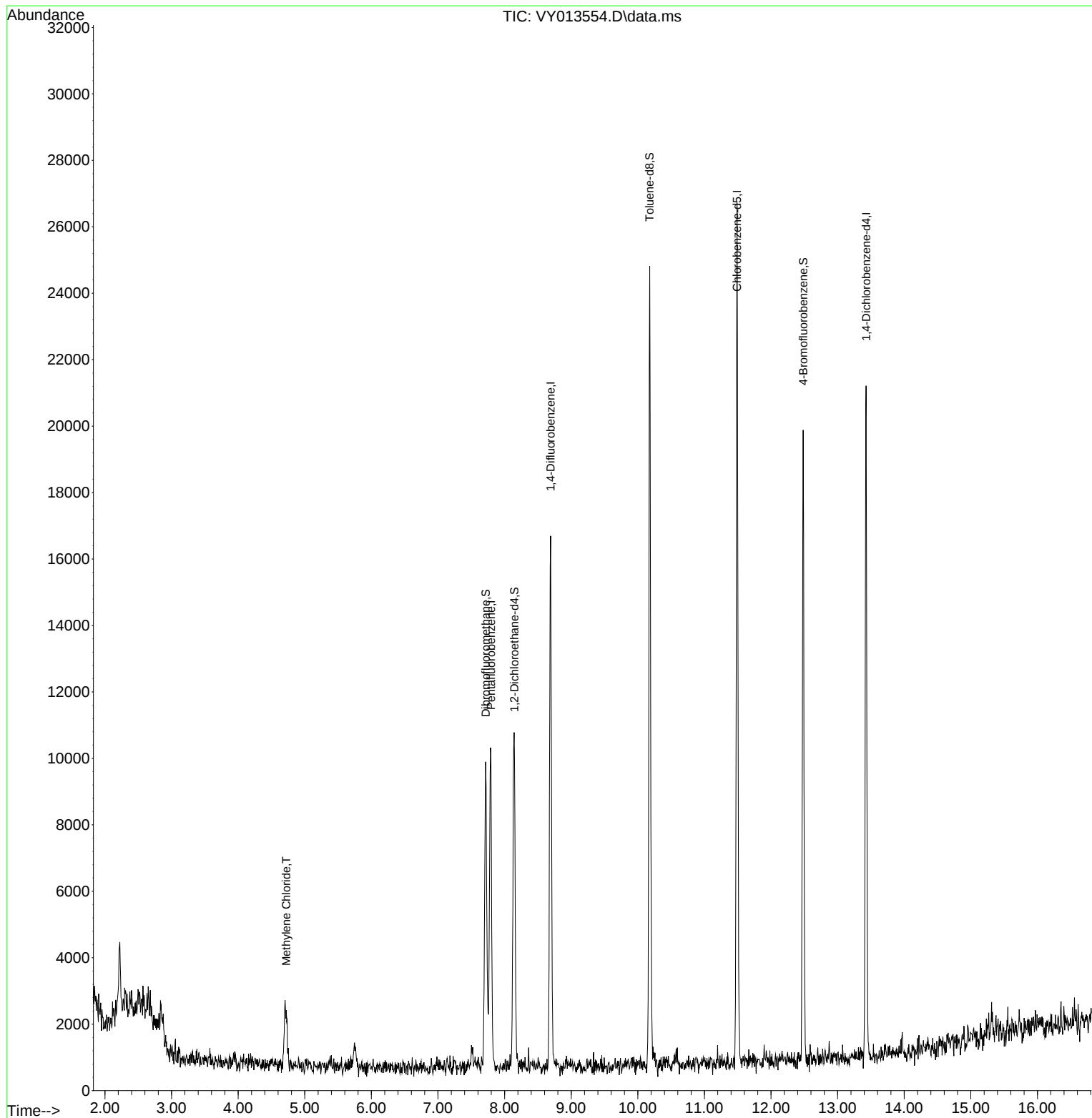
Internal Standards						
1) Pentafluorobenzene	7.795	168	7356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	13414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	13779	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	8673	107.555	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 215.100%#	
35) Dibromofluoromethane	7.716	113	6190	73.369	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 146.740%	
50) Toluene-d8	10.179	98	16038	53.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.880%	
62) 4-Bromofluorobenzene	12.483	95	5426	53.626	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.260%	
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	1363	6.694	ug/l	# 84

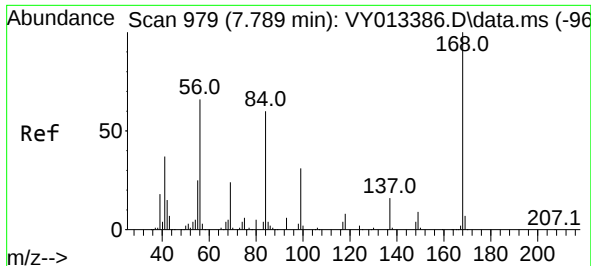
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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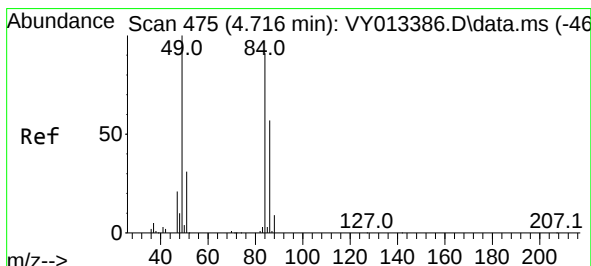
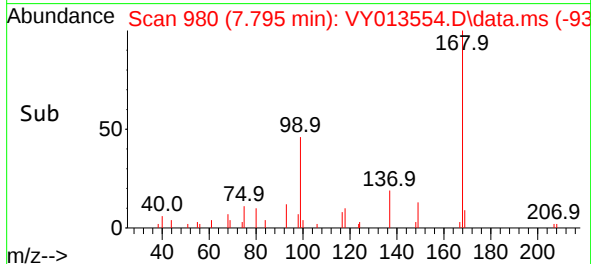
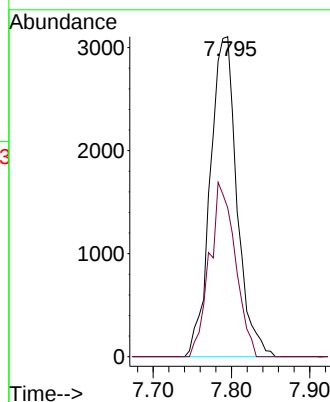
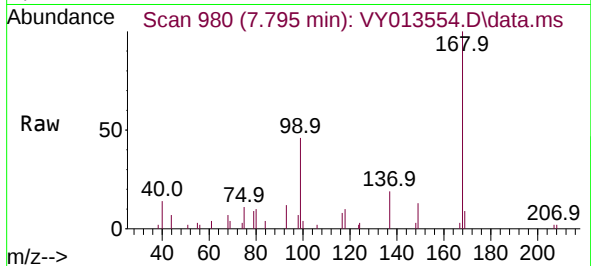




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013554.D
Acq: 02 May 2023 14:13

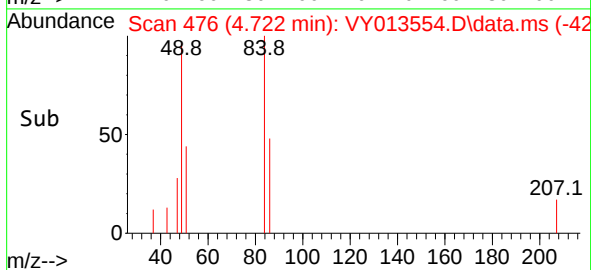
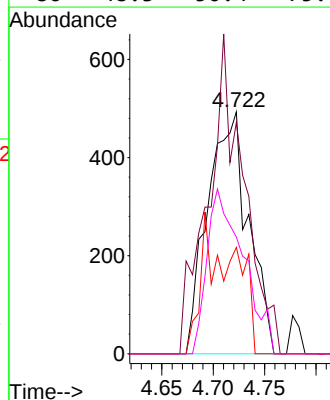
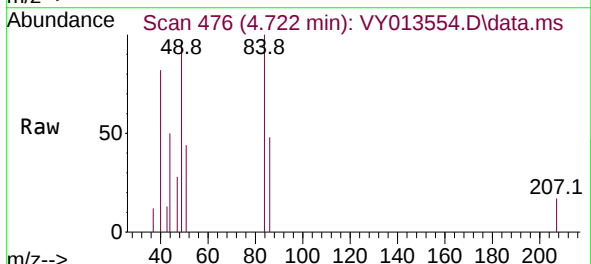
Instrument :
MSVOA_Y
ClientSampleId :
RT2343

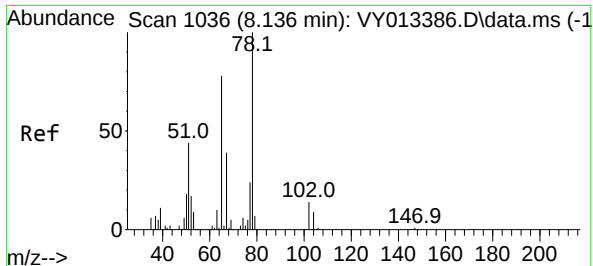
Tgt Ion:168 Resp: 7356
Ion Ratio Lower Upper
168 100
99 46.5 41.8 62.6



#20
Methylene Chloride
Concen: 6.694 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY013554.D
Acq: 02 May 2023 14:13

Tgt Ion: 84 Resp: 1363
Ion Ratio Lower Upper
84 100
49 95.7 88.0 132.0
51 44.0 27.4 41.0#
86 48.3 50.4 75.6#





#33

1,2-Dichloroethane-d4

Concen: 107.555 ug/l

RT: 8.149 min Scan# 1036

Delta R.T. 0.013 min

Lab File: VY013554.D

Acq: 02 May 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

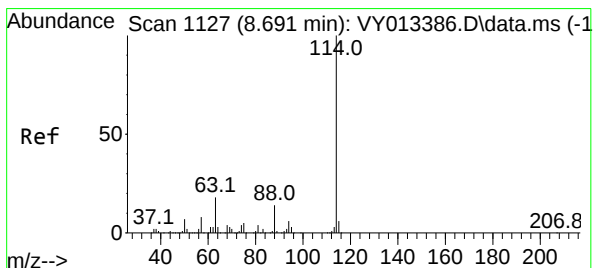
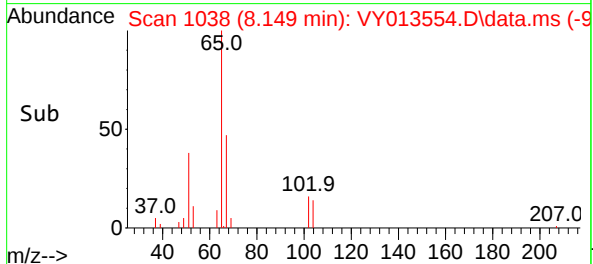
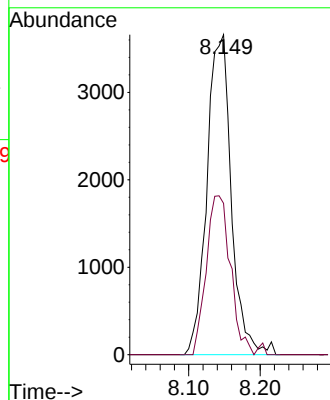
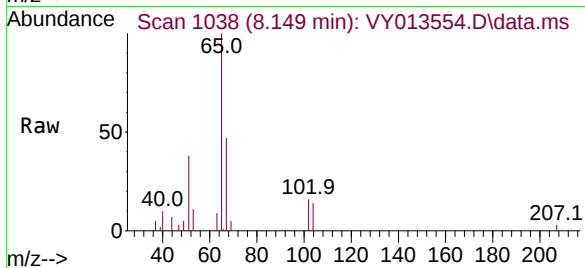
RT2343

Tgt Ion: 65 Resp: 8673

Ion Ratio Lower Upper

65 100

67 49.1 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: VY013554.D

Acq: 02 May 2023 14:13

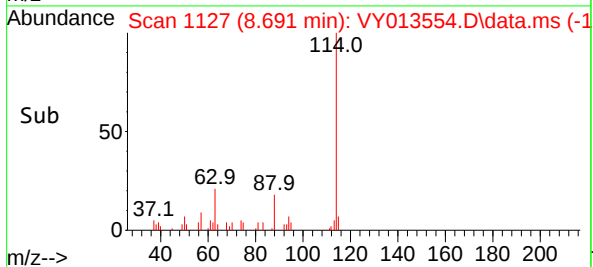
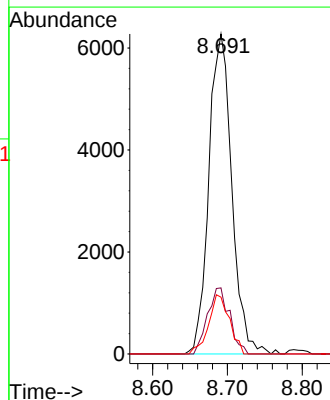
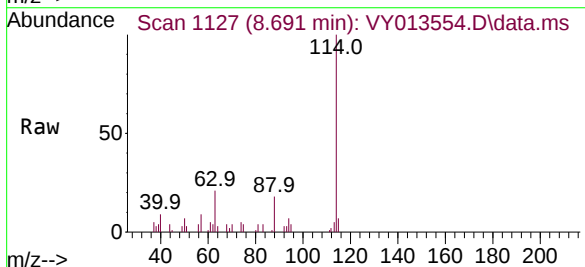
Tgt Ion: 114 Resp: 13414

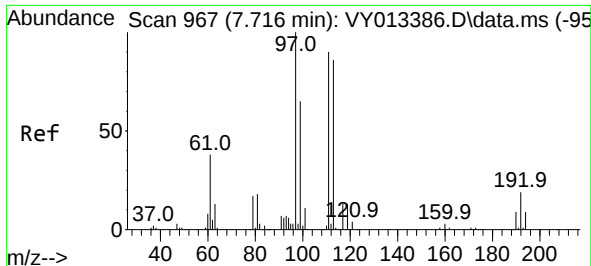
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.6

88 17.8 0.0 28.8

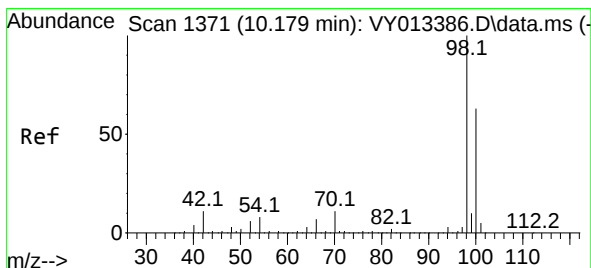
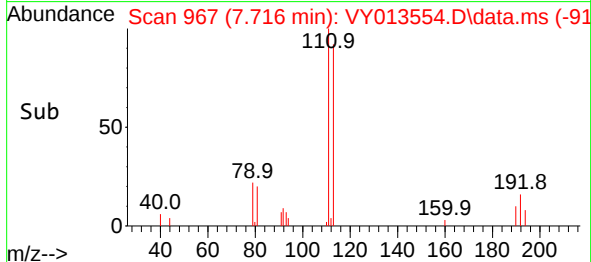
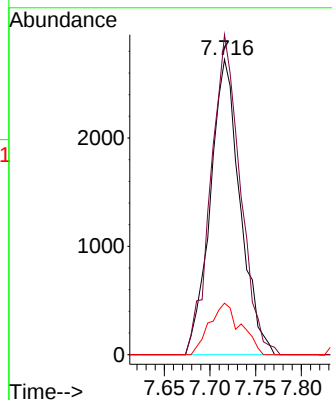
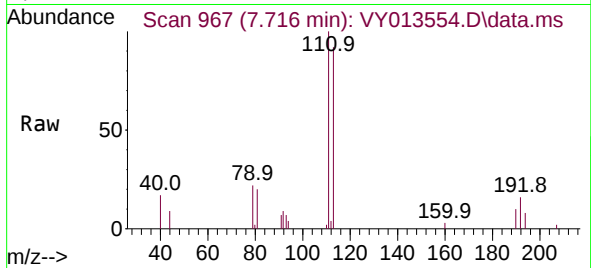




#35
Dibromofluoromethane
Concen: 73.369 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013554.D
Acq: 02 May 2023 14:13

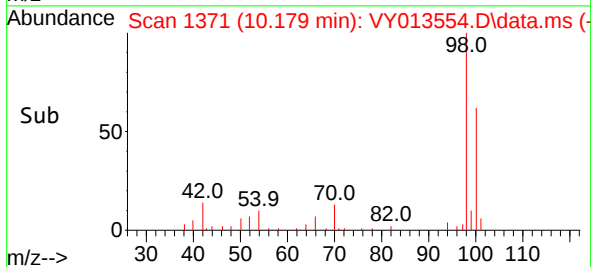
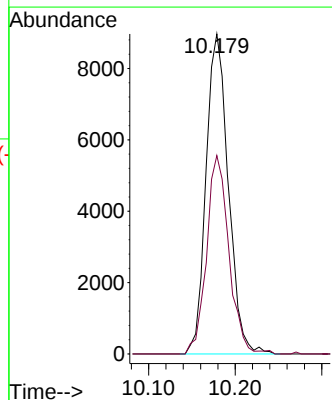
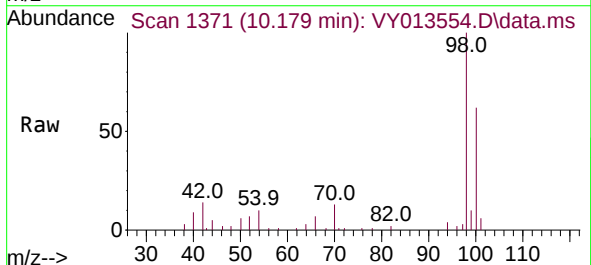
Instrument :
MSVOA_Y
ClientSampleId :
RT2343

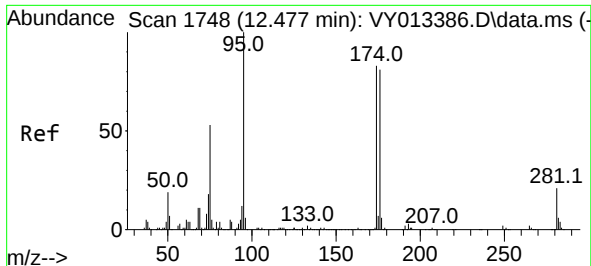
Tgt Ion:113 Resp: 6190
Ion Ratio Lower Upper
113 100
111 106.9 82.2 123.2
192 18.4 16.7 25.1



#50
Toluene-d8
Concen: 53.437 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013554.D
Acq: 02 May 2023 14:13

Tgt Ion: 98 Resp: 16038
Ion Ratio Lower Upper
98 100
100 62.1 50.5 75.7





#62

4-Bromofluorobenzene

Concen: 53.626 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013554.D

Acq: 02 May 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

RT2343

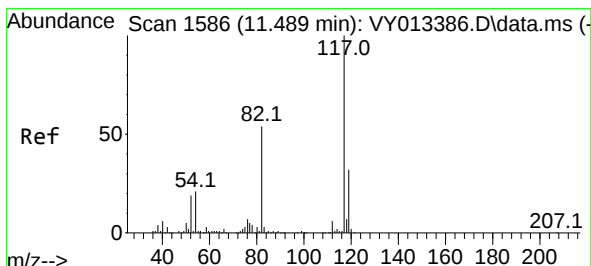
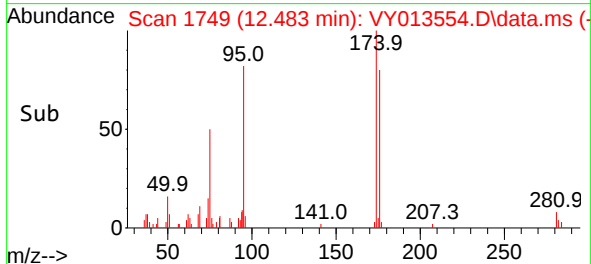
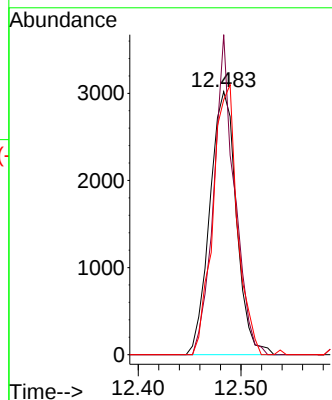
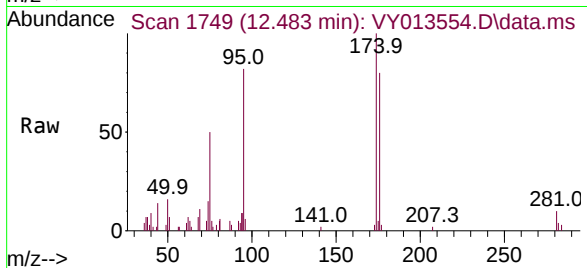
Tgt Ion: 95 Resp: 5426

Ion Ratio Lower Upper

95 100

174 95.3 0.0 182.0

176 94.0 0.0 175.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY013554.D

Acq: 02 May 2023 14:13

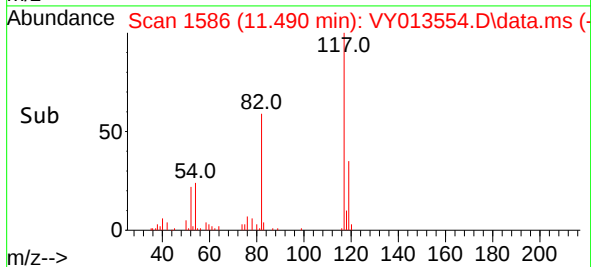
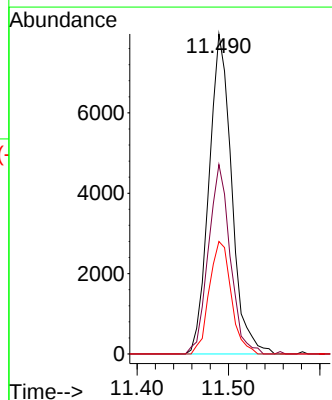
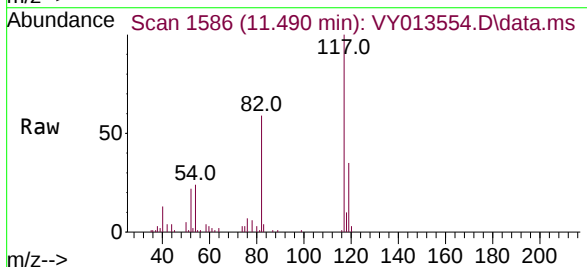
Tgt Ion: 117 Resp: 13779

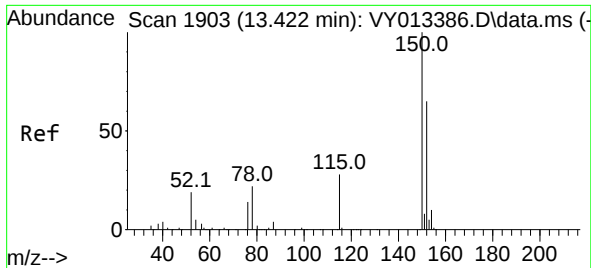
Ion Ratio Lower Upper

117 100

82 59.2 43.0 64.6

119 35.2 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: VY013554.D

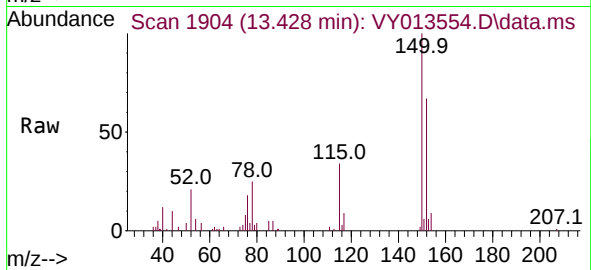
Acq: 02 May 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

RT2343



Tgt Ion:152 Resp: 5630

Ion Ratio Lower Upper

152 100

115 57.9 28.1 84.2

150 154.9 0.0 352.0

