

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013183.D
 Acq On : 03 Apr 2023 18:05
 Operator : KP/MD
 Sample : 02166-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-033123

Quant Time: Apr 03 23:11:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

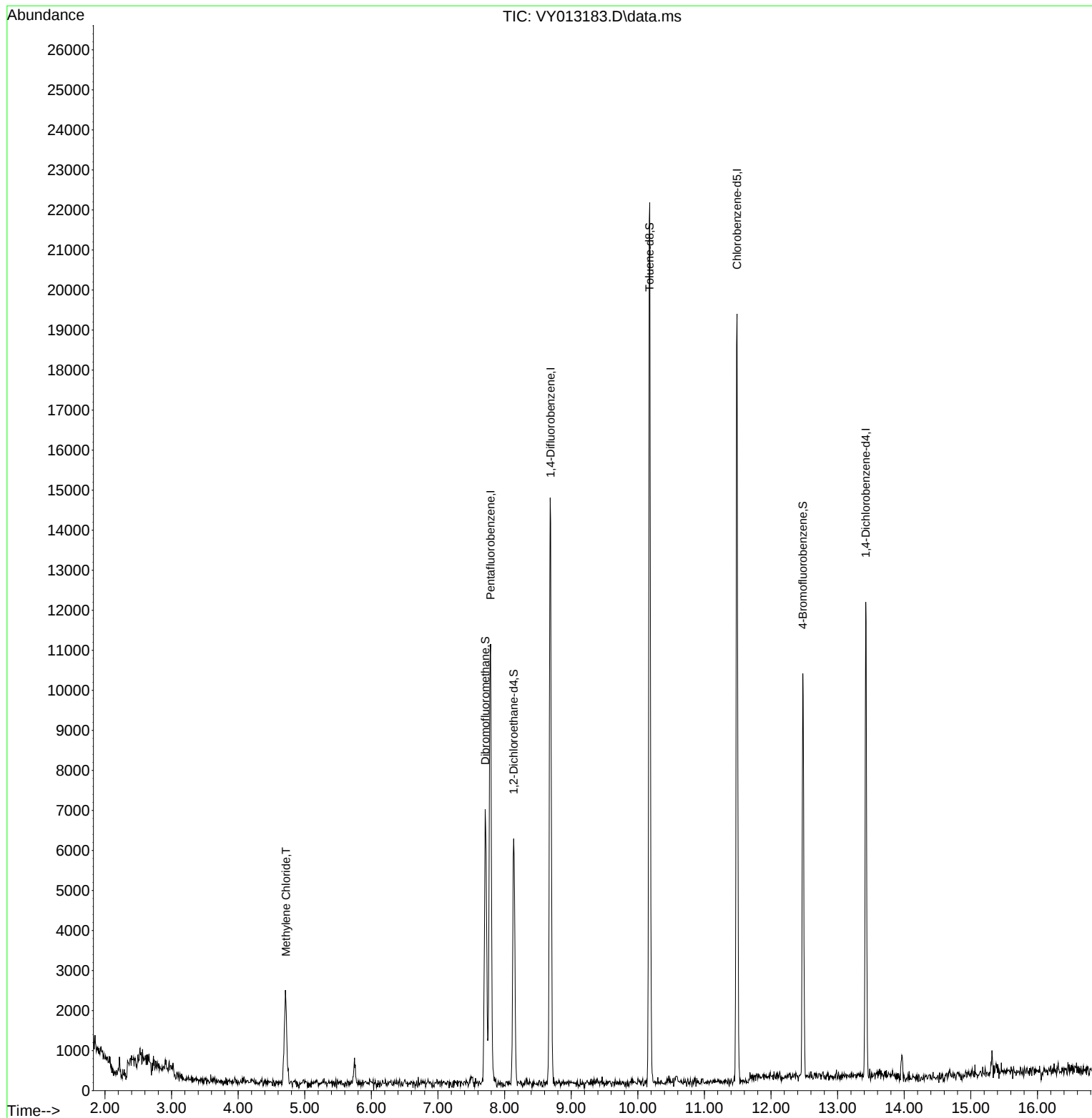
Internal Standards						
1) Pentafluorobenzene	7.789	168	9434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	12931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	3241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	5290	52.177	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	104.360%	
35) Dibromofluoromethane	7.710	113	4671	55.295	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	110.600%	
50) Toluene-d8	10.179	98	14740	46.221	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	92.440%	
62) 4-Bromofluorobenzene	12.477	95	2928	28.207	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	56.420%	
Target Compounds						
20) Methylene Chloride	4.716	84	1618	10.921	ug/l	Qvalue # 80

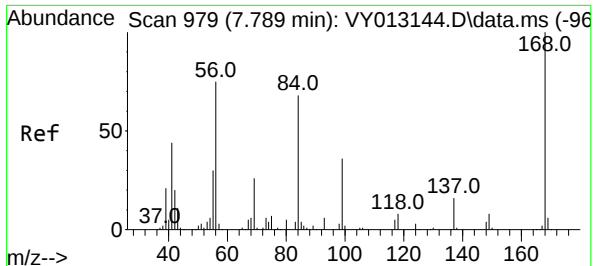
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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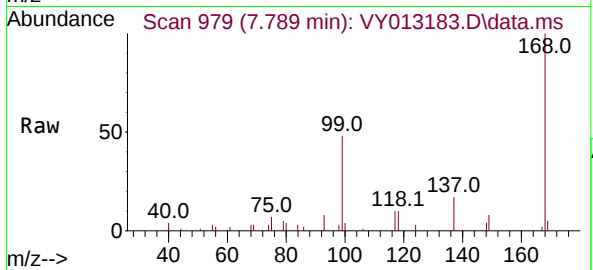
Quant Time: Apr 03 23:11:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
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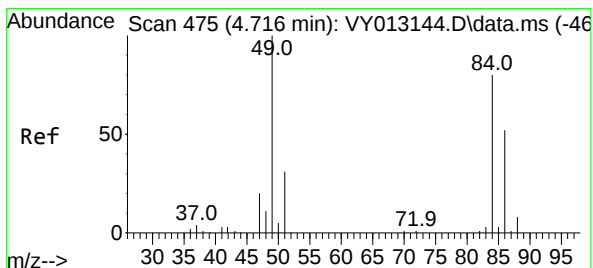
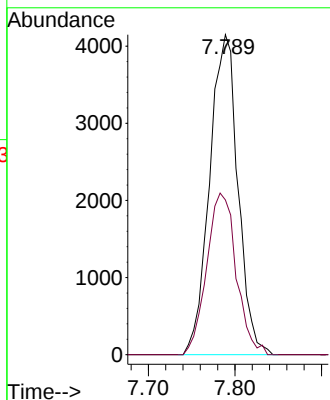
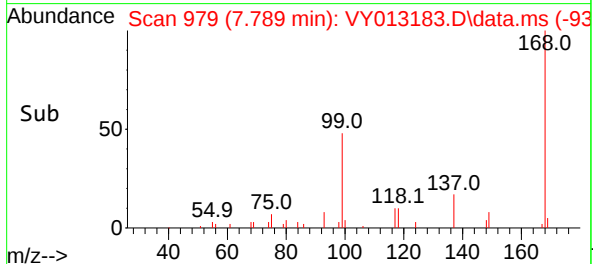


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013183.D
Acq: 03 Apr 2023 18:05

Instrument :
MSVOA_Y
ClientSampleId :
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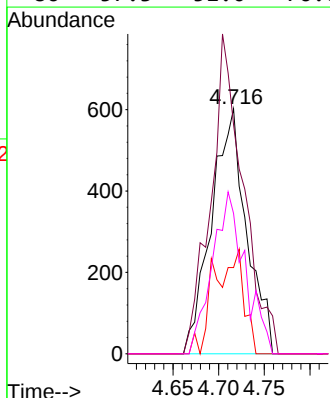
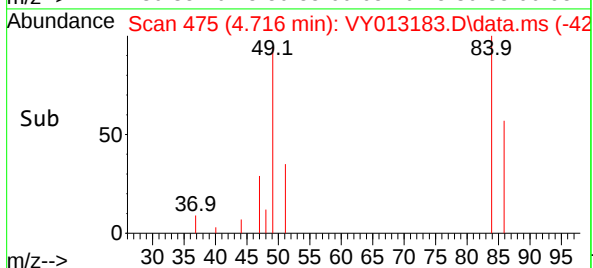
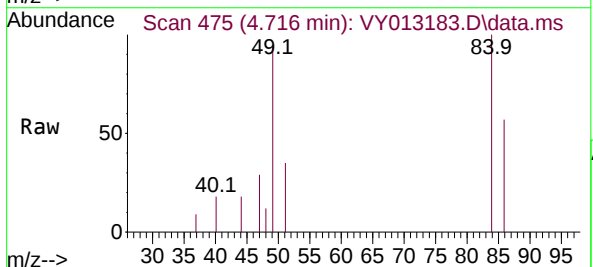


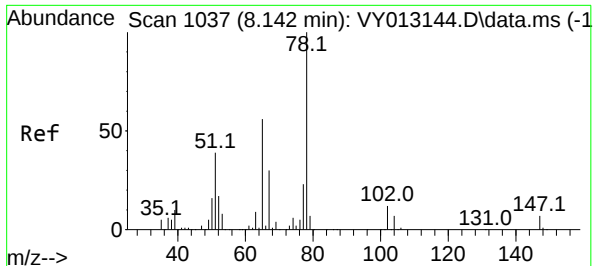
Tgt Ion:168 Resp: 9434
Ion Ratio Lower Upper
168 100
99 48.4 41.7 62.5



#20
Methylene Chloride
Concen: 10.921 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013183.D
Acq: 03 Apr 2023 18:05

Tgt Ion: 84 Resp: 1618
Ion Ratio Lower Upper
84 100
49 93.5 102.6 154.0#
51 35.2 31.9 47.9
86 57.3 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 52.177 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY013183.D

Acq: 03 Apr 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

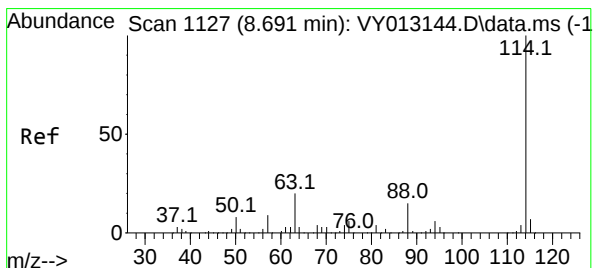
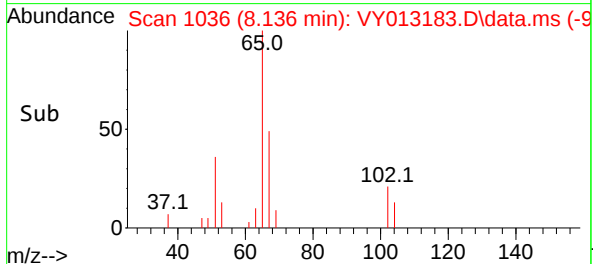
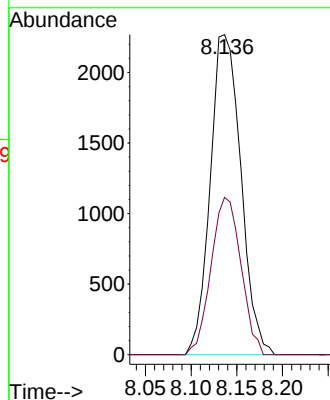
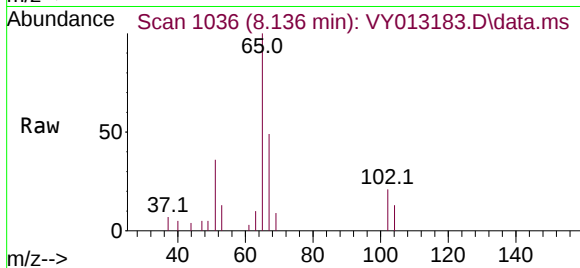
HR-01-033123

Tgt Ion: 65 Resp: 5290

Ion Ratio Lower Upper

65 100

67 48.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013183.D

Acq: 03 Apr 2023 18:05

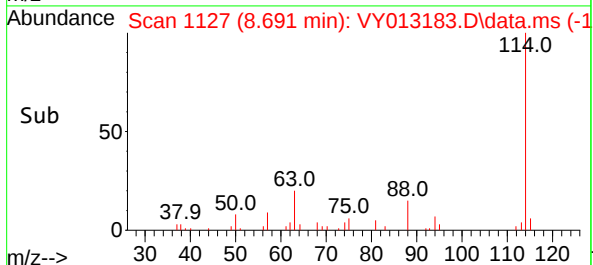
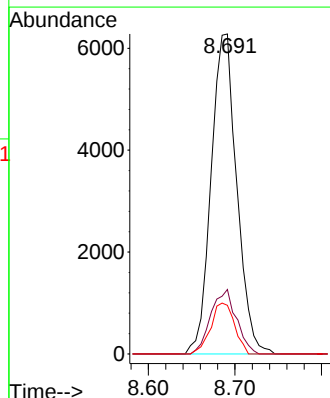
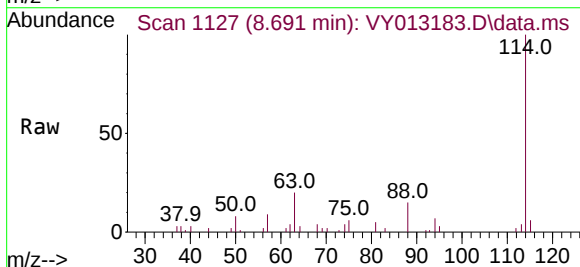
Tgt Ion: 114 Resp: 12931

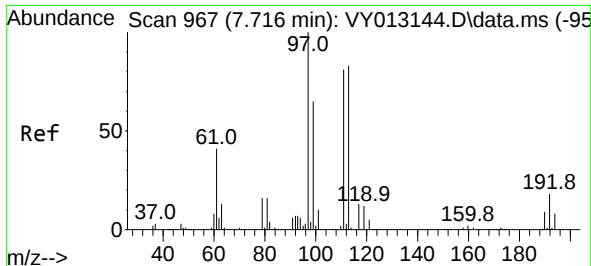
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.2 0.0 28.6

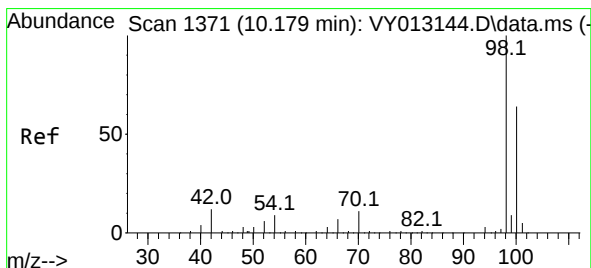
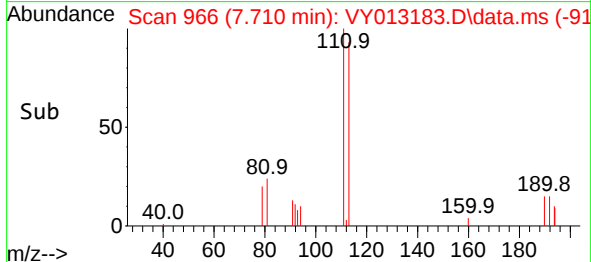
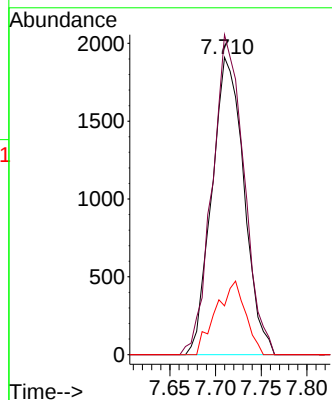
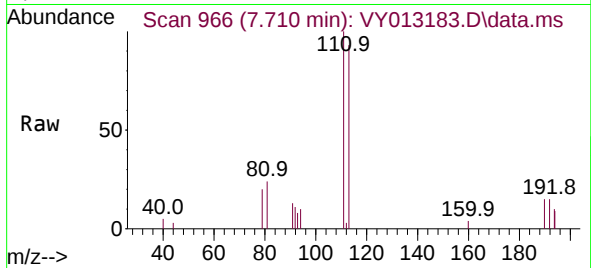




#35
Dibromofluoromethane
Concen: 55.295 ug/l
RT: 7.710 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY013183.D
Acq: 03 Apr 2023 18:05

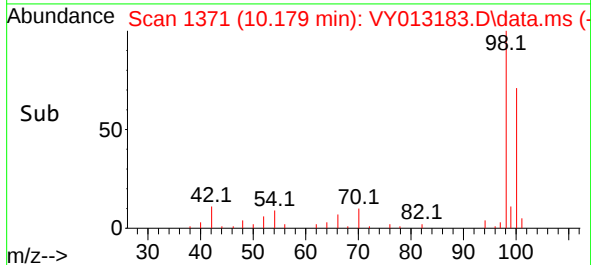
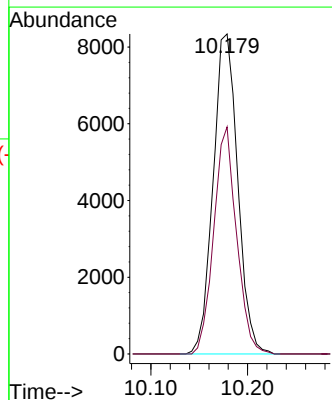
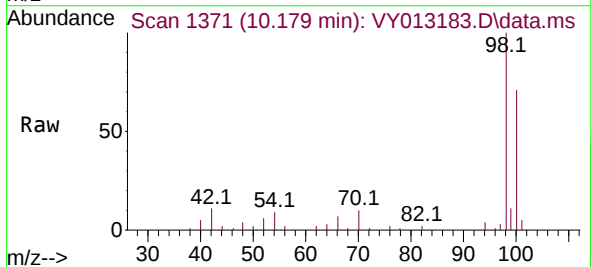
Instrument :
MSVOA_Y
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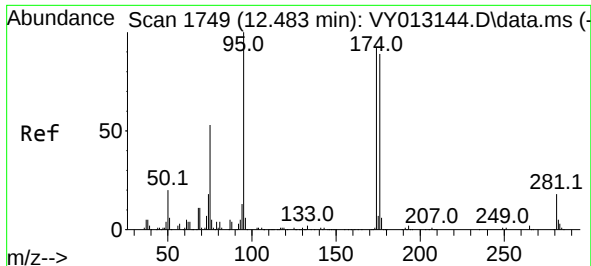
Tgt Ion:113 Resp: 4671
Ion Ratio Lower Upper
113 100
111 106.1 82.2 123.2
192 22.7 16.8 25.2



#50
Toluene-d8
Concen: 46.221 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013183.D
Acq: 03 Apr 2023 18:05

Tgt Ion: 98 Resp: 14740
Ion Ratio Lower Upper
98 100
100 65.7 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 28.207 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013183.D

Acq: 03 Apr 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-033123

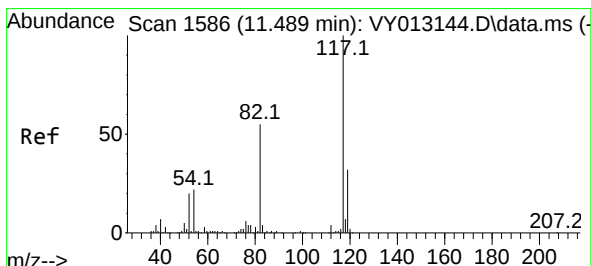
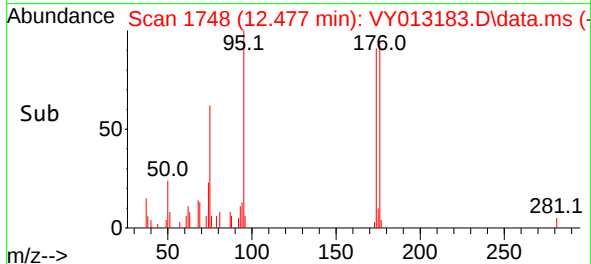
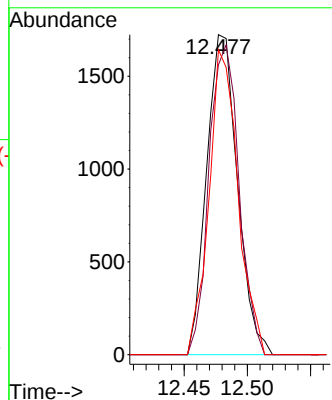
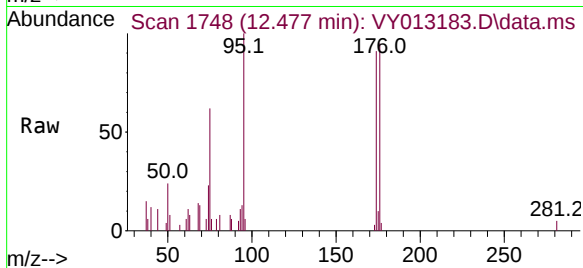
Tgt Ion: 95 Resp: 2928

Ion Ratio Lower Upper

95 100

174 94.1 0.0 176.6

176 89.5 0.0 170.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY013183.D

Acq: 03 Apr 2023 18:05

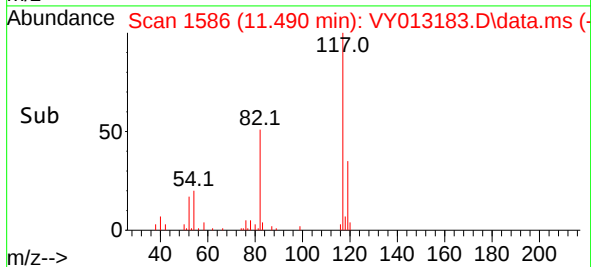
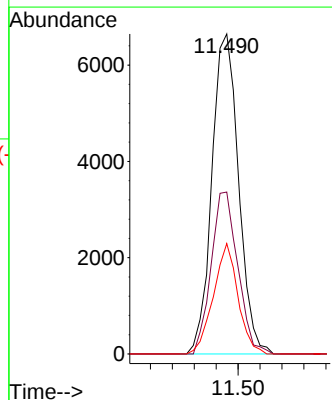
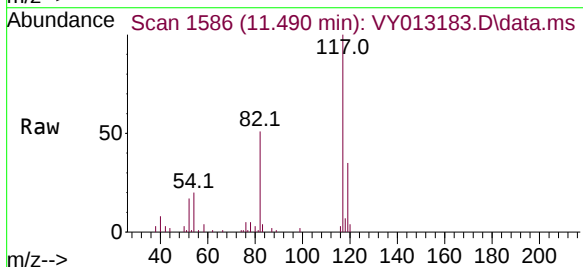
Tgt Ion: 117 Resp: 11248

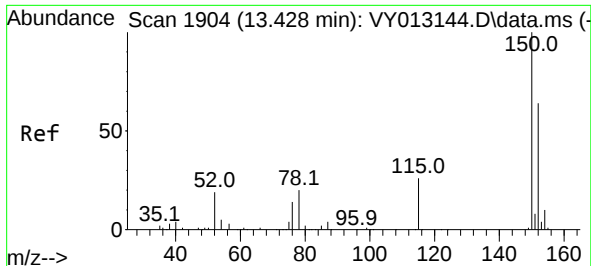
Ion Ratio Lower Upper

117 100

82 50.6 45.4 68.0

119 34.5 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: VY013183.D

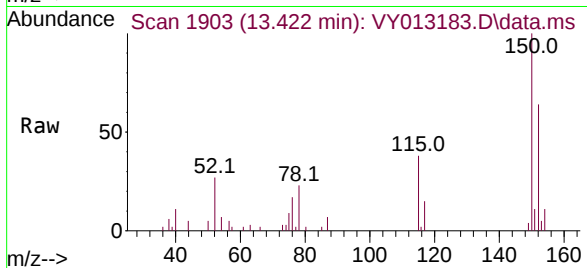
Acq: 03 Apr 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-033123



Tgt Ion:152 Resp: 3241

Ion Ratio Lower Upper

152 100

115 59.1 27.1 81.3

150 152.7 0.0 347.8

