

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013684.D
 Acq On : 10 May 2023 13:46
 Operator : KP/MD
 Sample : 02723-01
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-7.5-050923

Quant Time: May 11 03:26:30 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)

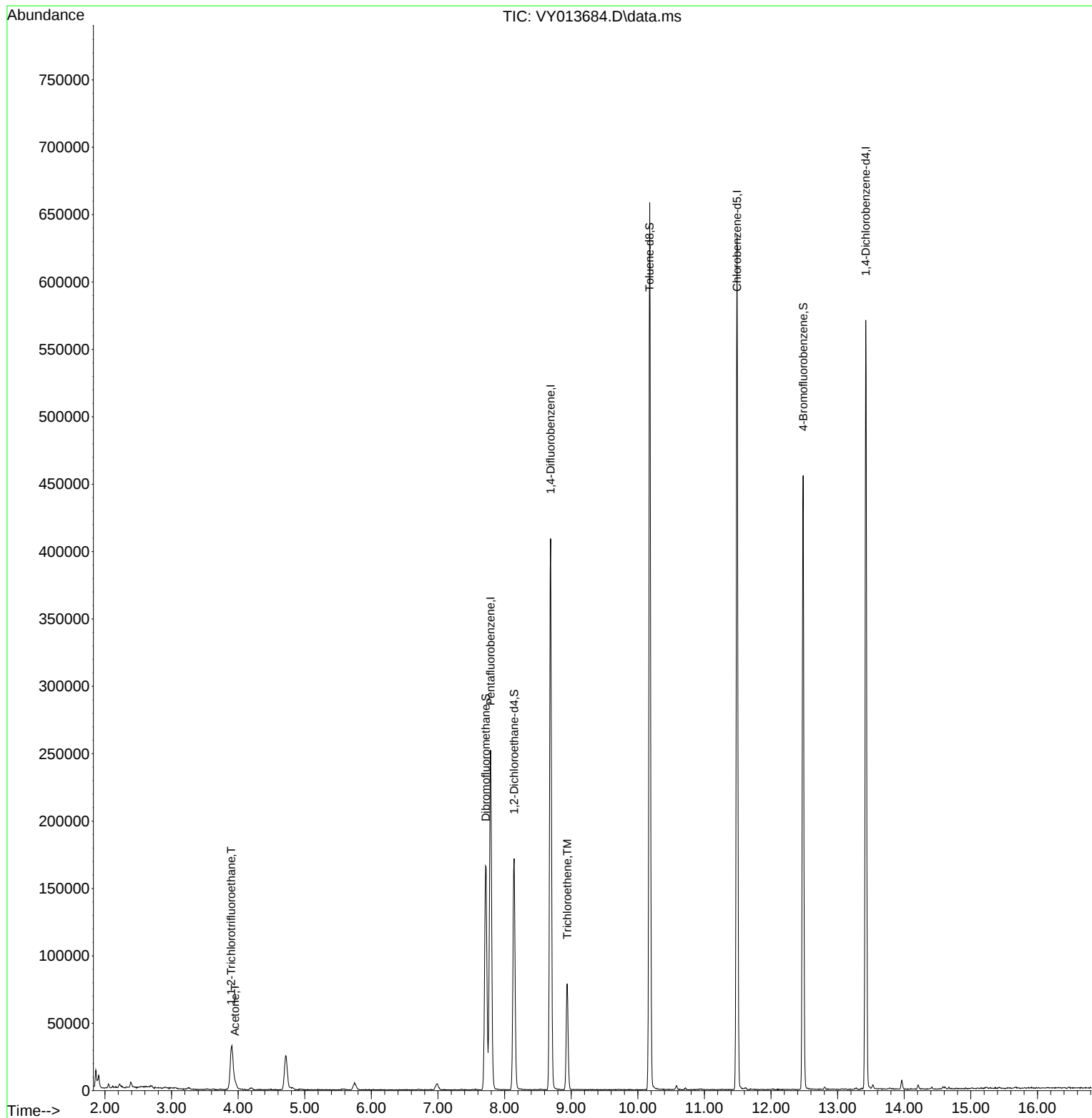
Internal Standards						
1) Pentafluorobenzene	7.789	168	196861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	335058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	149384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	140779	65.235	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.460%	
35) Dibromofluoromethane	7.716	113	117117	55.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.179	98	412478	55.021	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.040%	
62) 4-Bromofluorobenzene	12.483	95	130643	51.692	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.380%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	3.893	101	20416	9.619	ug/l	97
16) Acetone	3.954	43	9745	11.467	ug/l #	87
44) Trichloroethene	8.941	130	27829	10.619	ug/l	97

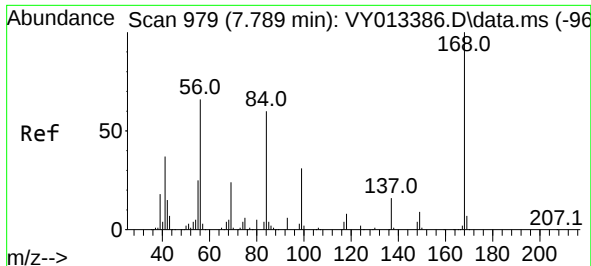
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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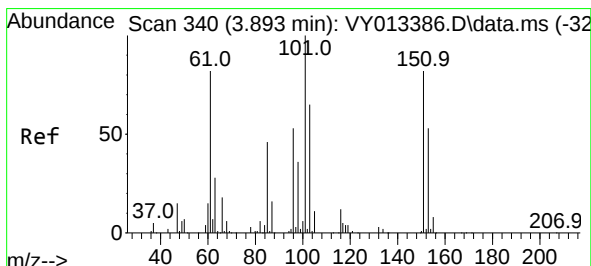
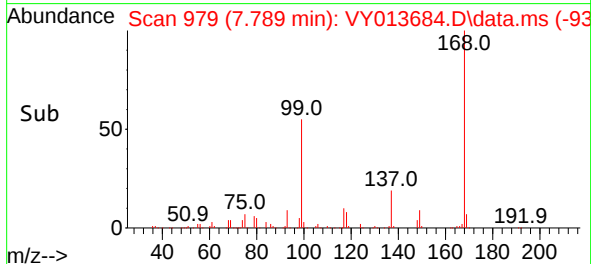
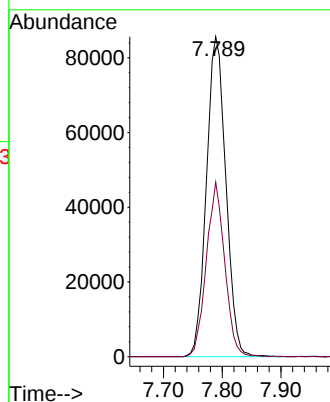
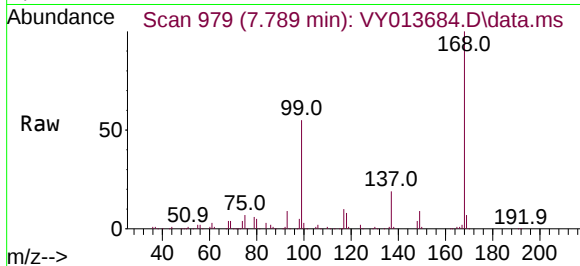




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013684.D
Acq: 10 May 2023 13:46

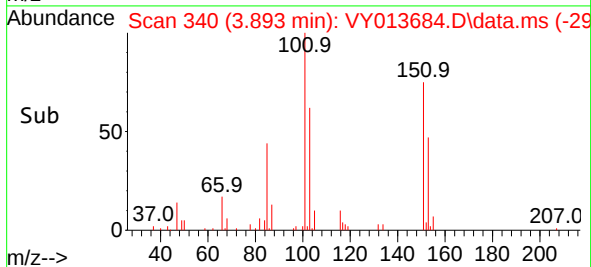
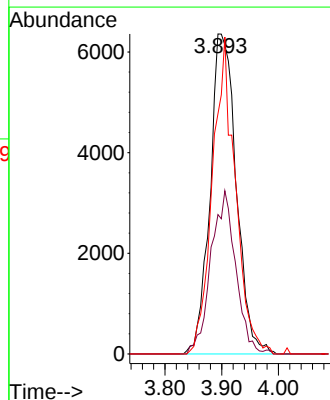
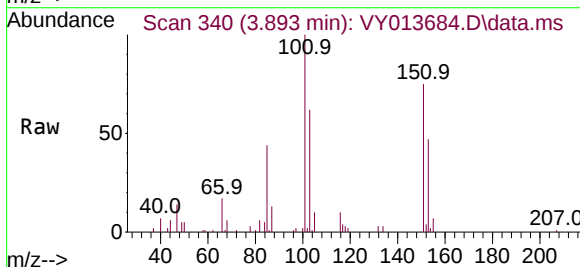
Instrument :
MSVOA_Y
ClientSampleId :
CB-14-G1-SO-7.5-050923

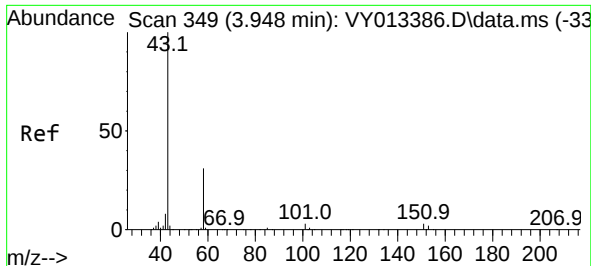
Tgt Ion:168 Resp: 196861
Ion Ratio Lower Upper
168 100
99 54.6 41.8 62.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.619 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013684.D
Acq: 10 May 2023 13:46

Tgt Ion:101 Resp: 20416
Ion Ratio Lower Upper
101 100
85 48.0 35.6 53.4
151 86.5 68.0 102.0

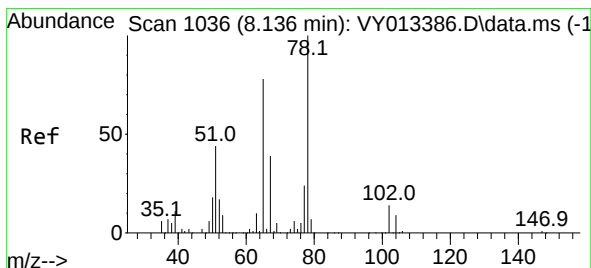
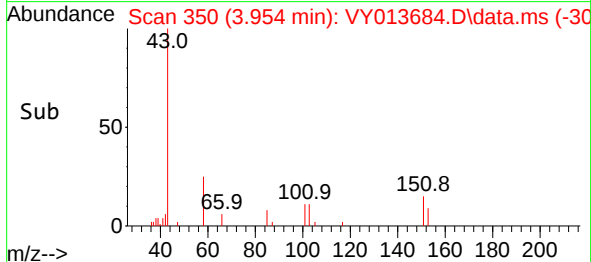
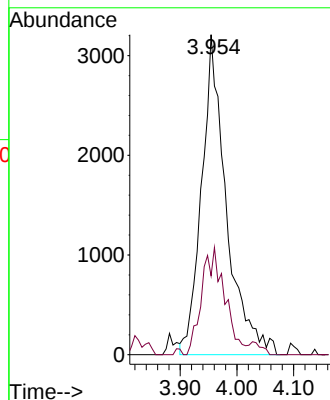
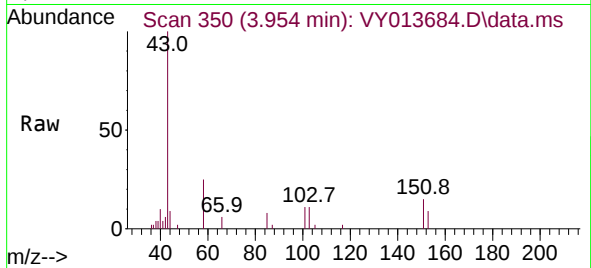




#16
Acetone
Concen: 11.467 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY013684.D
Acq: 10 May 2023 13:46

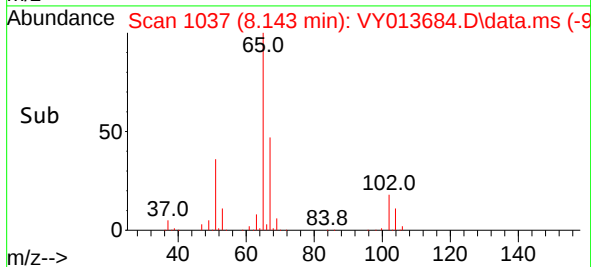
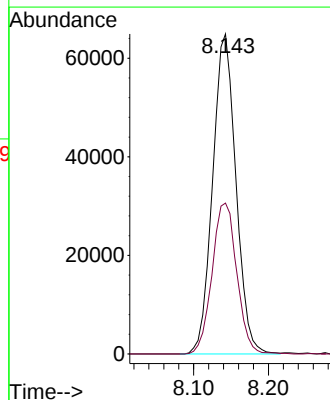
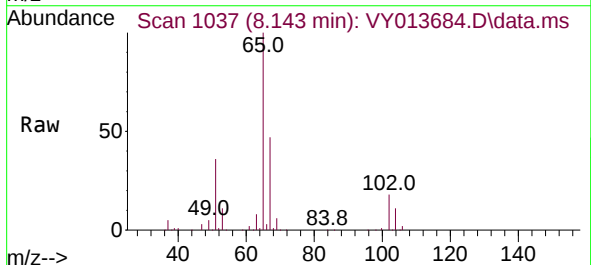
Instrument :
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ClientSampleId :
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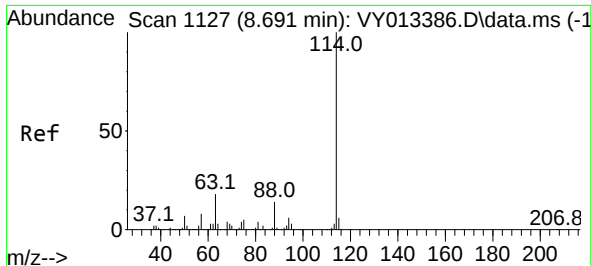
Tgt Ion: 43 Resp: 9745
Ion Ratio Lower Upper
43 100
58 24.6 25.4 38.0#



#33
1,2-Dichloroethane-d4
Concen: 65.235 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY013684.D
Acq: 10 May 2023 13:46

Tgt Ion: 65 Resp: 140779
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.4

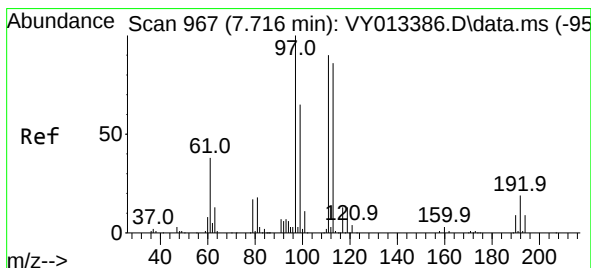
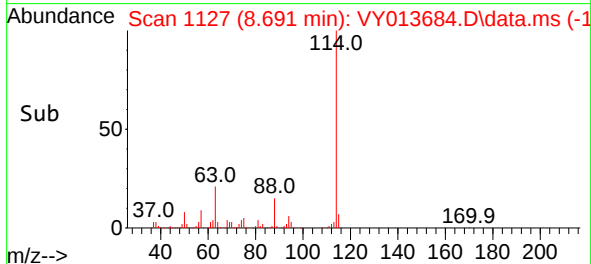
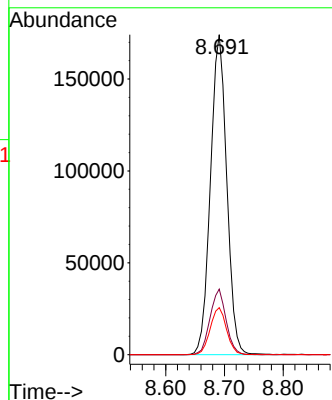
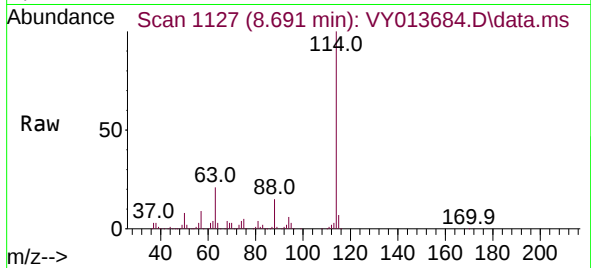




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013684.D
Acq: 10 May 2023 13:46

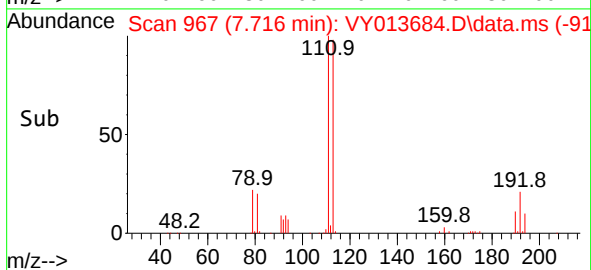
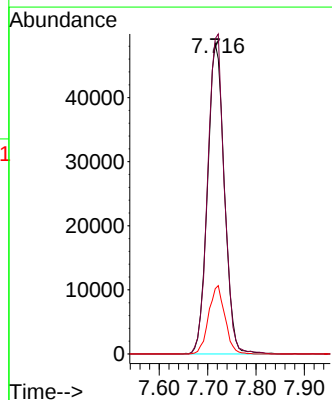
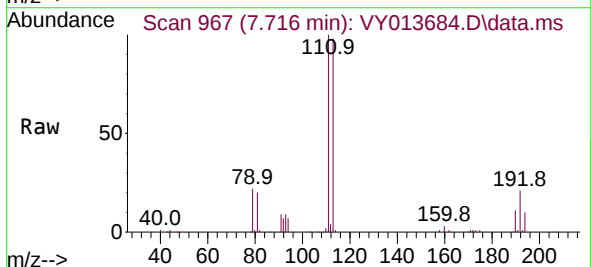
Instrument :
MSVOA_Y
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CB-14-G1-SO-7.5-050923

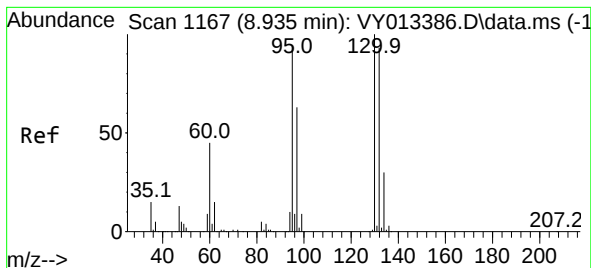
Tgt Ion:114 Resp: 335058
Ion Ratio Lower Upper
114 100
63 20.5 0.0 36.6
88 14.7 0.0 28.8



#35
Dibromofluoromethane
Concen: 55.575 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013684.D
Acq: 10 May 2023 13:46

Tgt Ion:113 Resp: 117117
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.2
192 21.3 16.7 25.1





#44

Trichloroethene

Concen: 10.619 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013684.D

Acq: 10 May 2023 13:46

Instrument :

MSVOA_Y

ClientSampleId :

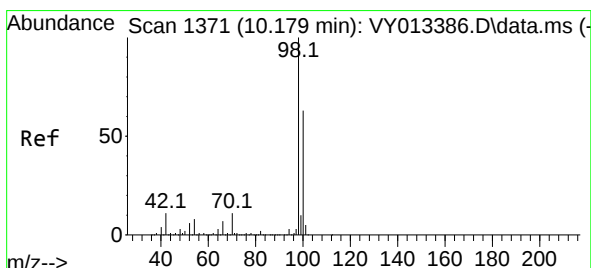
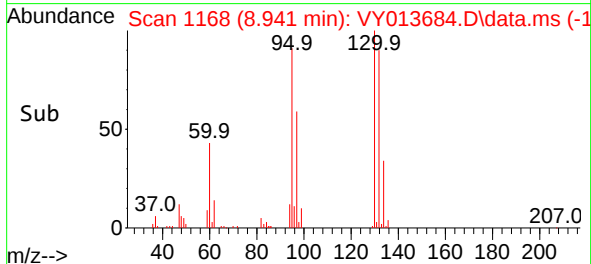
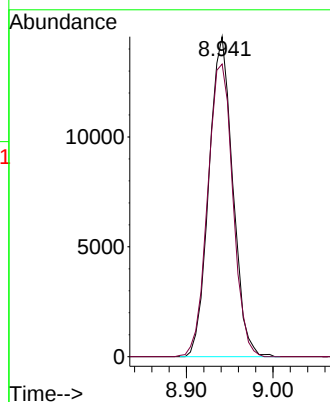
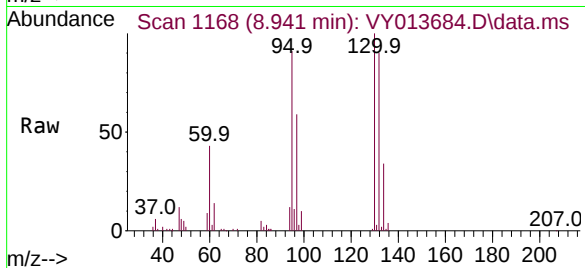
CB-14-G1-SO-7.5-050923

Tgt Ion:130 Resp: 27829

Ion Ratio Lower Upper

130 100

95 91.4 0.0 188.8



#50

Toluene-d8

Concen: 55.021 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013684.D

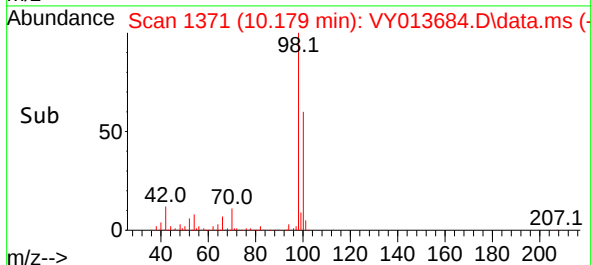
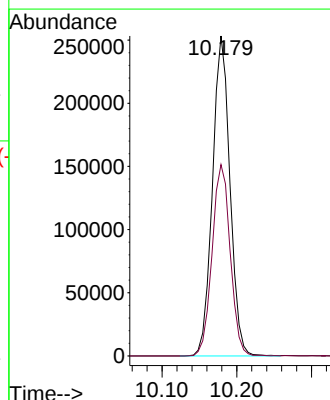
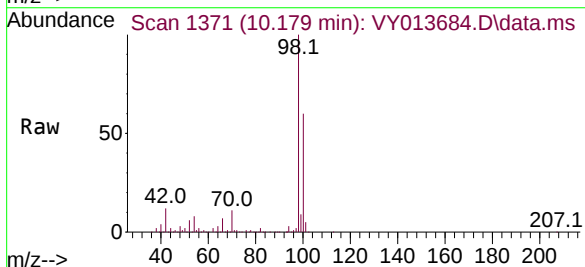
Acq: 10 May 2023 13:46

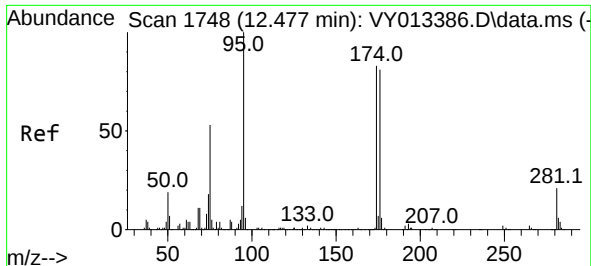
Tgt Ion: 98 Resp: 412478

Ion Ratio Lower Upper

98 100

100 61.9 50.5 75.7





#62

4-Bromofluorobenzene

Concen: 51.692 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013684.D

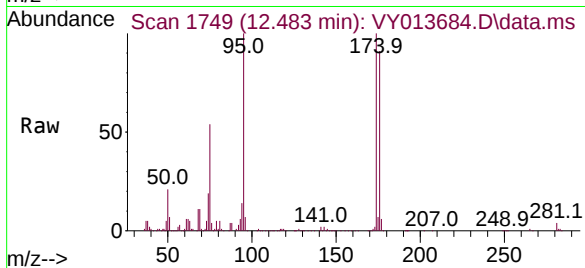
Acq: 10 May 2023 13:46

Instrument :

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ClientSampleId :

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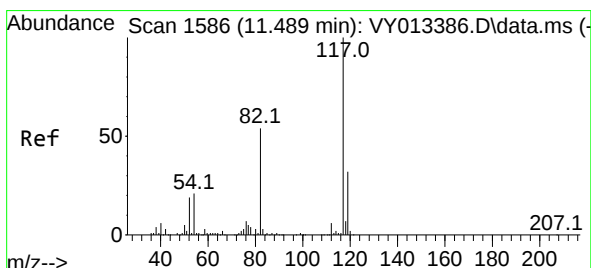
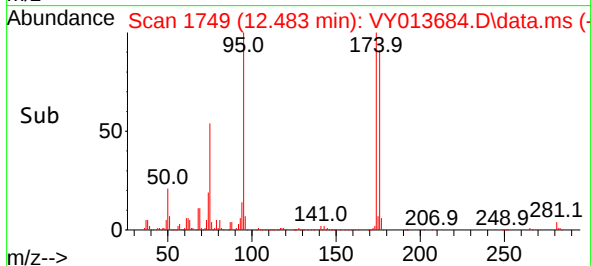
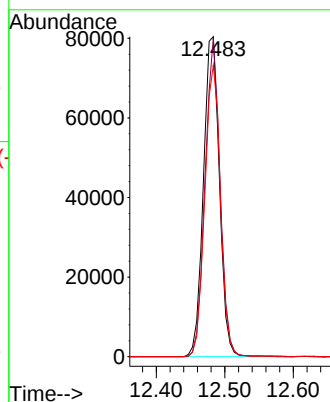
Tgt Ion: 95 Resp: 130643

Ion Ratio Lower Upper

95 100

174 93.6 0.0 182.0

176 89.0 0.0 175.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013684.D

Acq: 10 May 2023 13:46

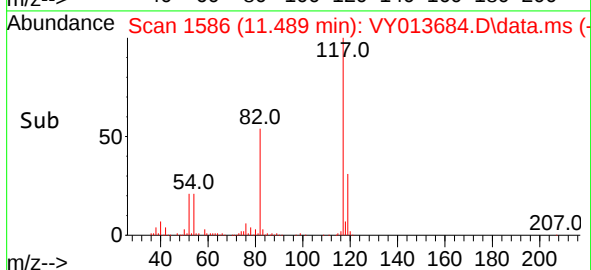
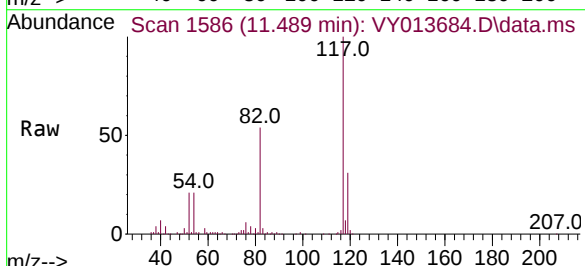
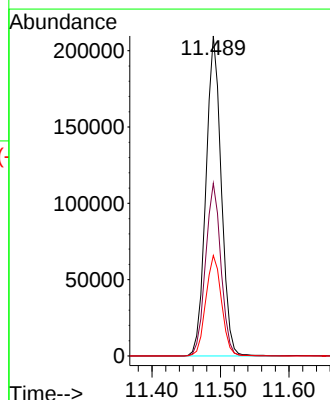
Tgt Ion: 117 Resp: 326671

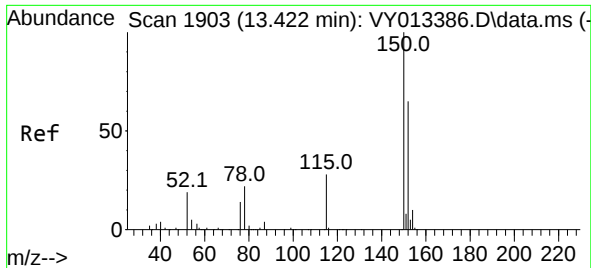
Ion Ratio Lower Upper

117 100

82 54.0 43.0 64.6

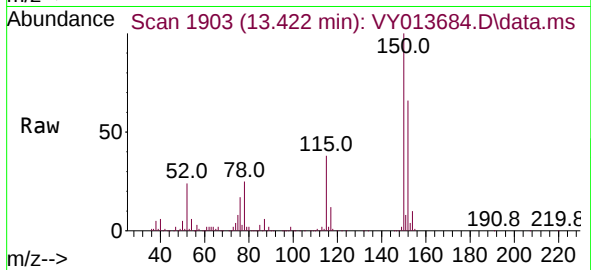
119 31.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY013684.D
 Acq: 10 May 2023 13:46

Instrument :
 MSVOA_Y
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Tgt Ion:152 Resp: 149384
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.1 84.2
 150 154.4 0.0 352.0

