

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014083.D
 Acq On : 08 Jun 2023 19:12
 Operator : KP/MD
 Sample : 03072-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 30100

Quant Time: Jun 09 06:13:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

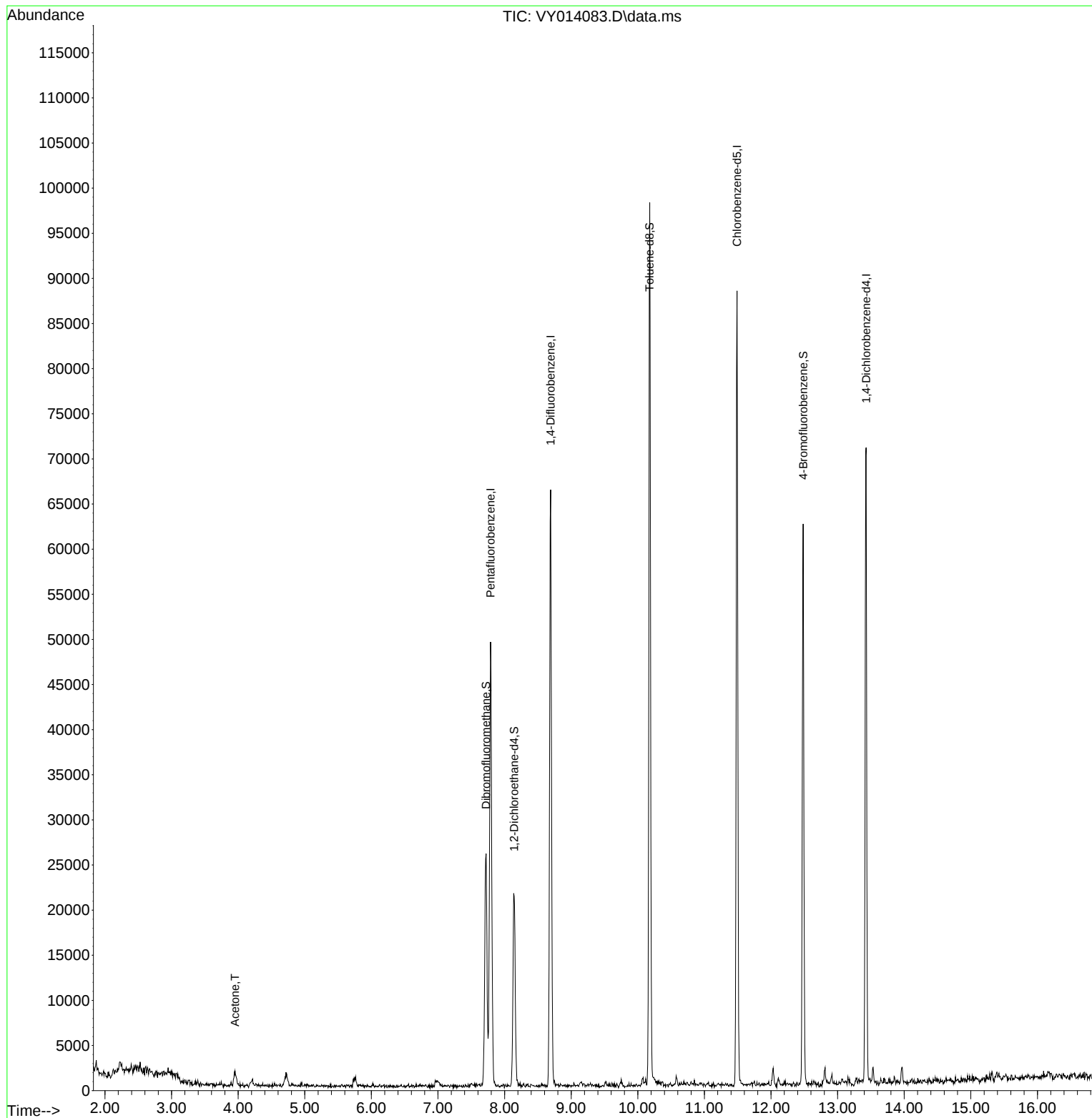
Internal Standards						
1) Pentafluorobenzene	7.789	168	37304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	55127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	47310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	18640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18577	37.619	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	75.240%		
35) Dibromofluoromethane	7.722	113	18336	52.338	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.680%		
50) Toluene-d8	10.179	98	65136	48.742	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.480%		
62) 4-Bromofluorobenzene	12.483	95	17737	38.932	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	77.860%		
Target Compounds					Qvalue	
16) Acetone	3.954	43	2651	15.691	ug/l #	85

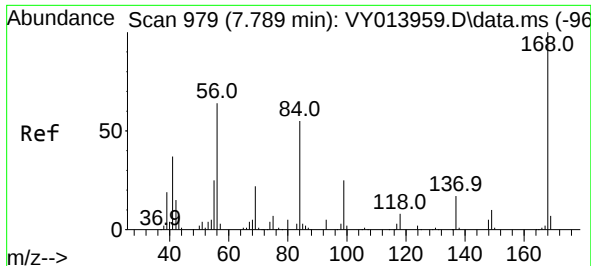
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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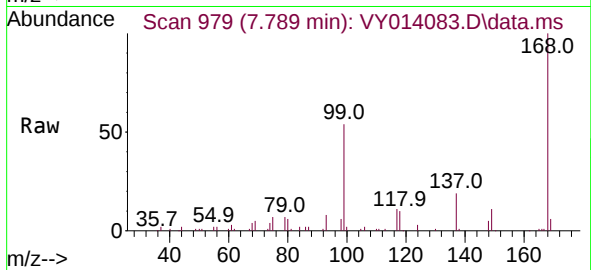
Quant Time: Jun 09 06:13:06 2023
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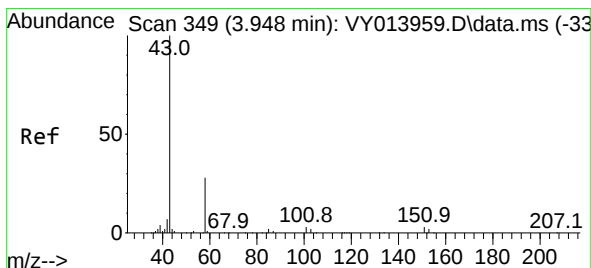
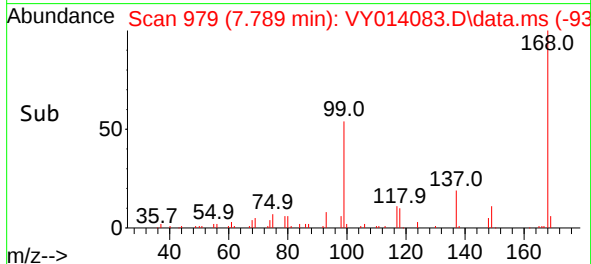
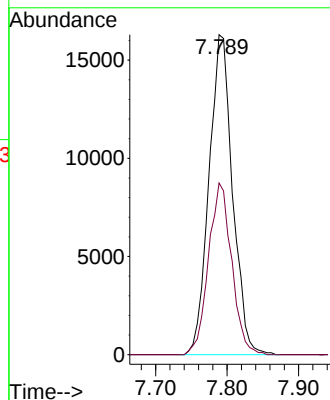


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :
30100

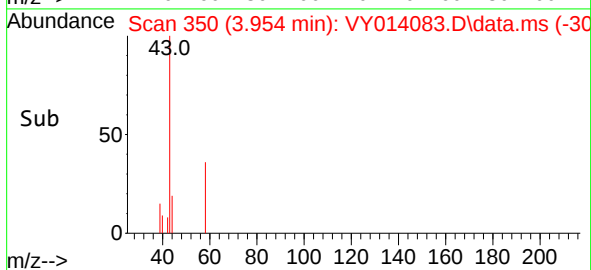
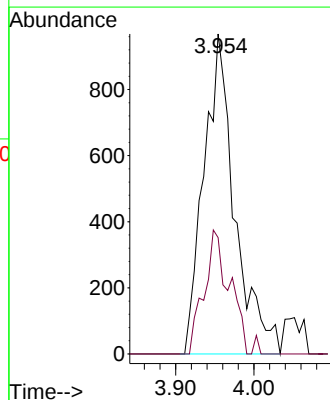
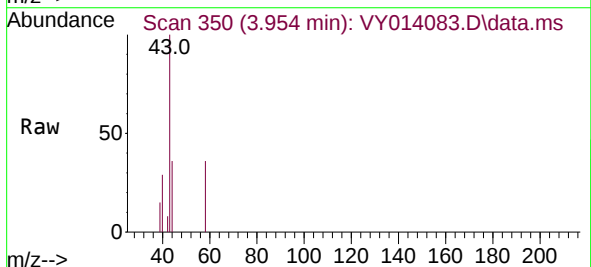


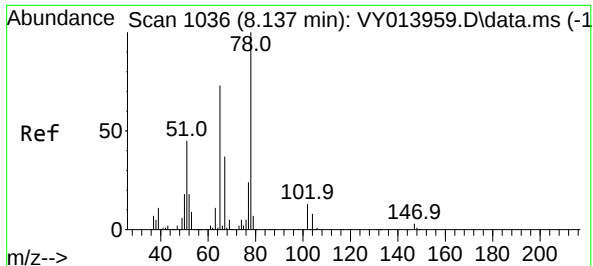
Tgt Ion:168 Resp: 37304
Ion Ratio Lower Upper
168 100
99 53.7 43.4 65.0



#16
Acetone
Concen: 15.691 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Tgt Ion: 43 Resp: 2651
Ion Ratio Lower Upper
43 100
58 36.4 22.7 34.1#

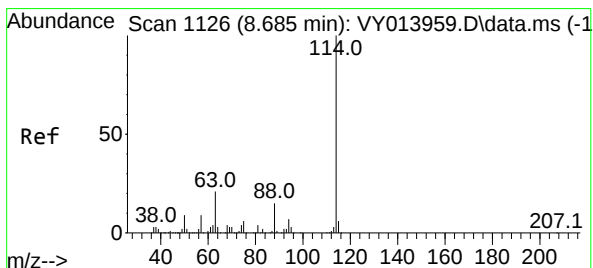
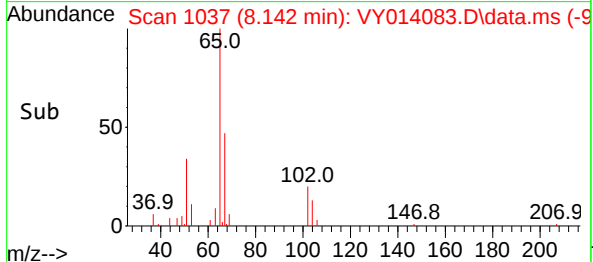
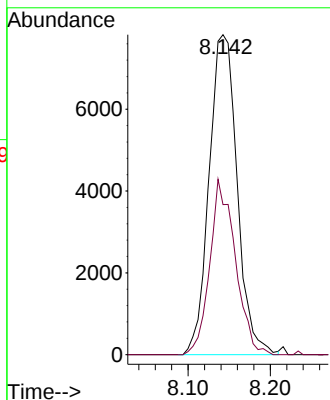
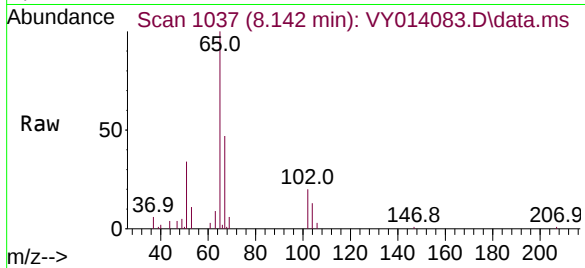




#33
1,2-Dichloroethane-d4
Concen: 37.619 ug/l
RT: 8.142 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

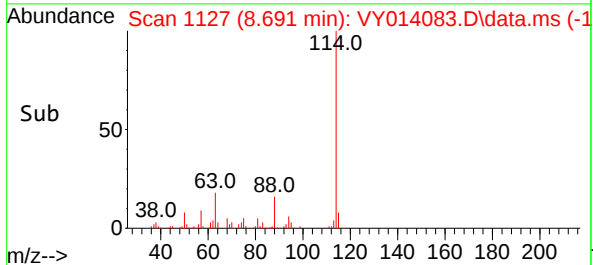
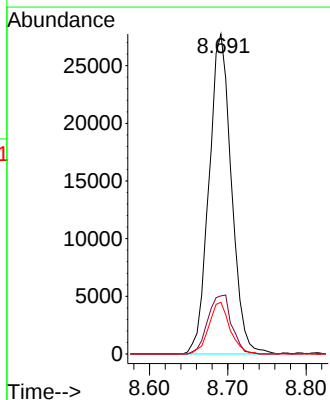
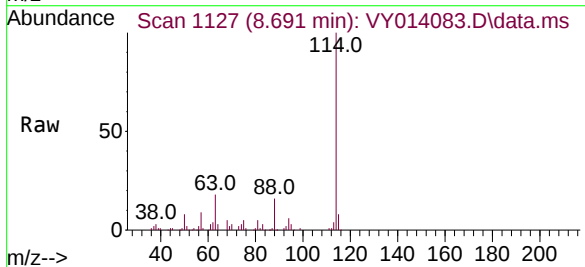
Instrument :
MSVOA_Y
ClientSampleId :
30100

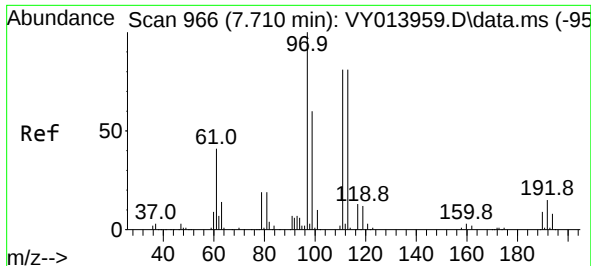
Tgt Ion: 65 Resp: 18577
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Tgt Ion: 114 Resp: 55127
Ion Ratio Lower Upper
114 100
63 18.1 0.0 42.4
88 16.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.338 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY014083.D

Acq: 08 Jun 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

30100

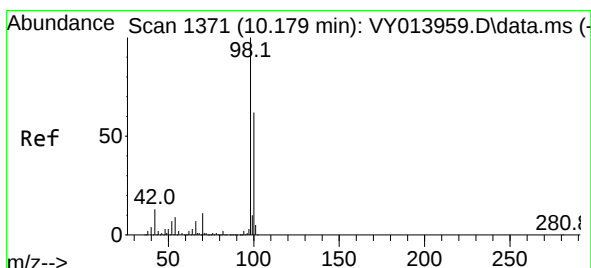
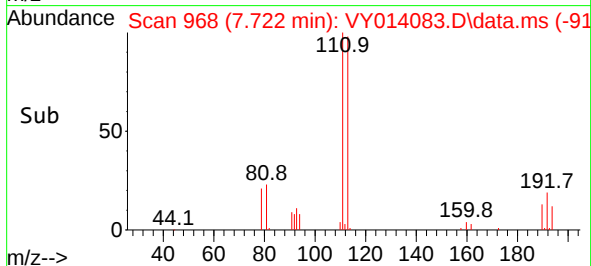
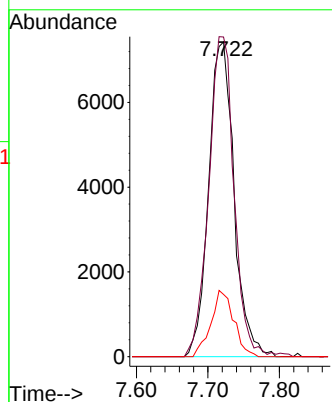
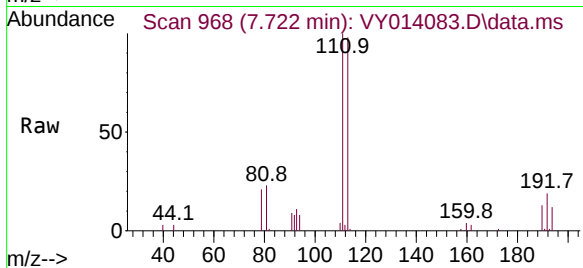
Tgt Ion:113 Resp: 18336

Ion Ratio Lower Upper

113 100

111 101.5 81.3 121.9

192 18.9 16.9 25.3



#50

Toluene-d8

Concen: 48.742 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY014083.D

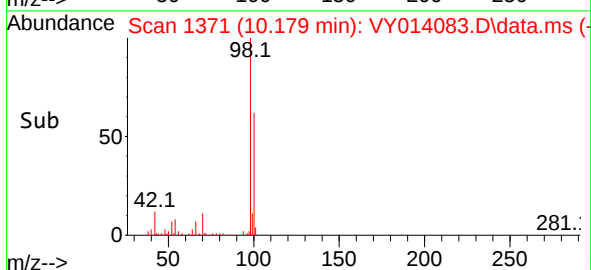
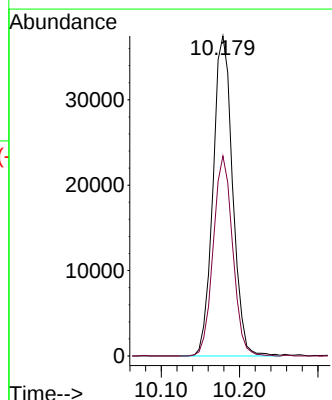
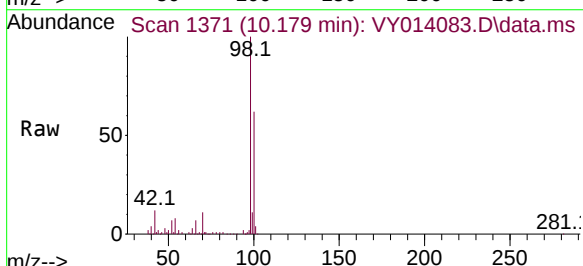
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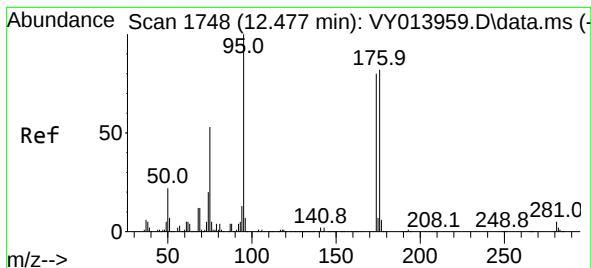
Tgt Ion: 98 Resp: 65136

Ion Ratio Lower Upper

98 100

100 61.9 50.1 75.1

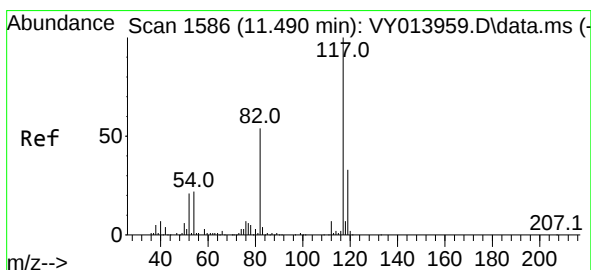
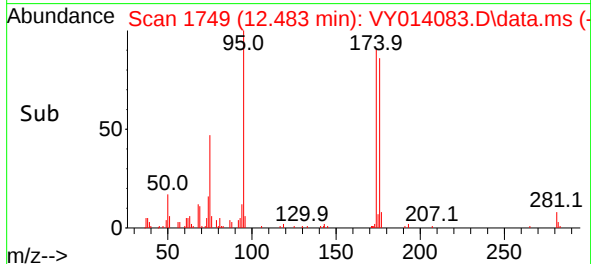
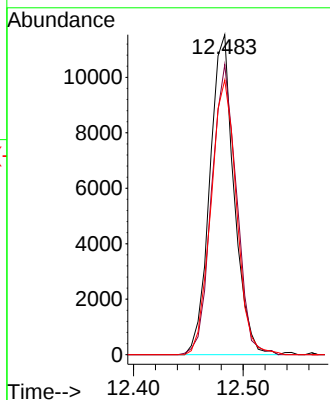
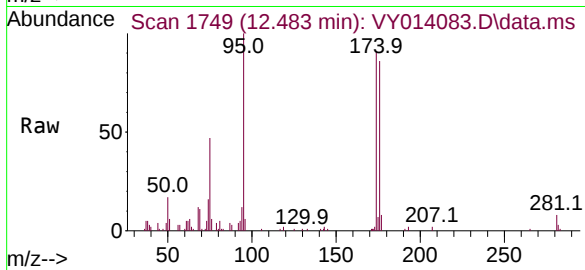




#62
4-Bromofluorobenzene
Concen: 38.932 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

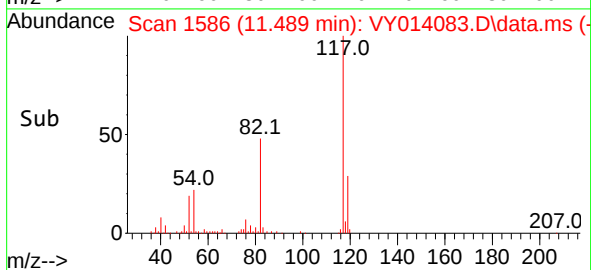
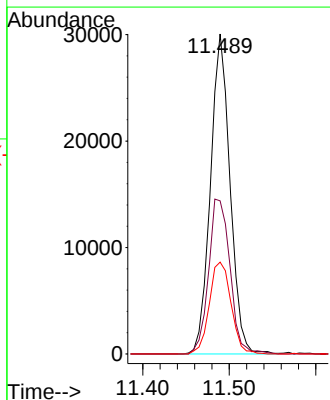
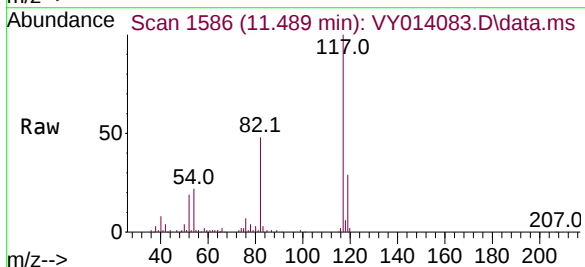
Instrument :
MSVOA_Y
ClientSampleId :
30100

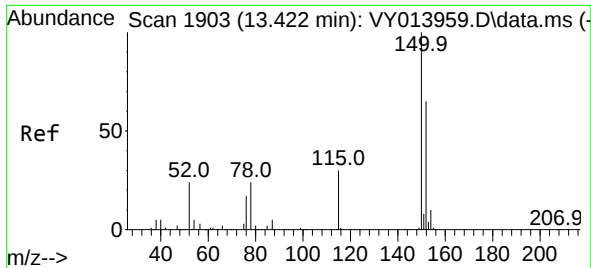
Tgt Ion: 95 Resp: 17737
Ion Ratio Lower Upper
95 100
174 92.6 0.0 178.2
176 90.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014083.D
Acq: 08 Jun 2023 19:12

Tgt Ion: 117 Resp: 47310
Ion Ratio Lower Upper
117 100
82 47.9 43.4 65.0
119 28.7 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY014083.D

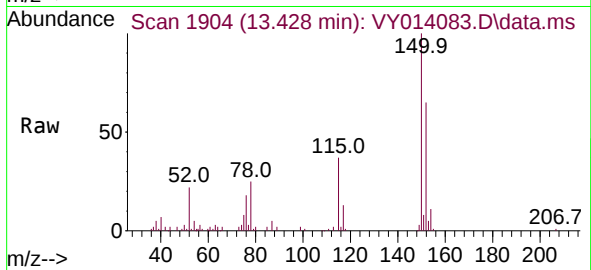
Acq: 08 Jun 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

30100



Tgt Ion:152 Resp: 18640

Ion Ratio Lower Upper

152 100

115 55.6 28.8 86.5

150 162.1 0.0 348.8

