

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013182.D
 Acq On : 03 Apr 2023 17:42
 Operator : KP/MD
 Sample : 02162-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-3-033123

Quant Time: Apr 03 23:11:17 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)

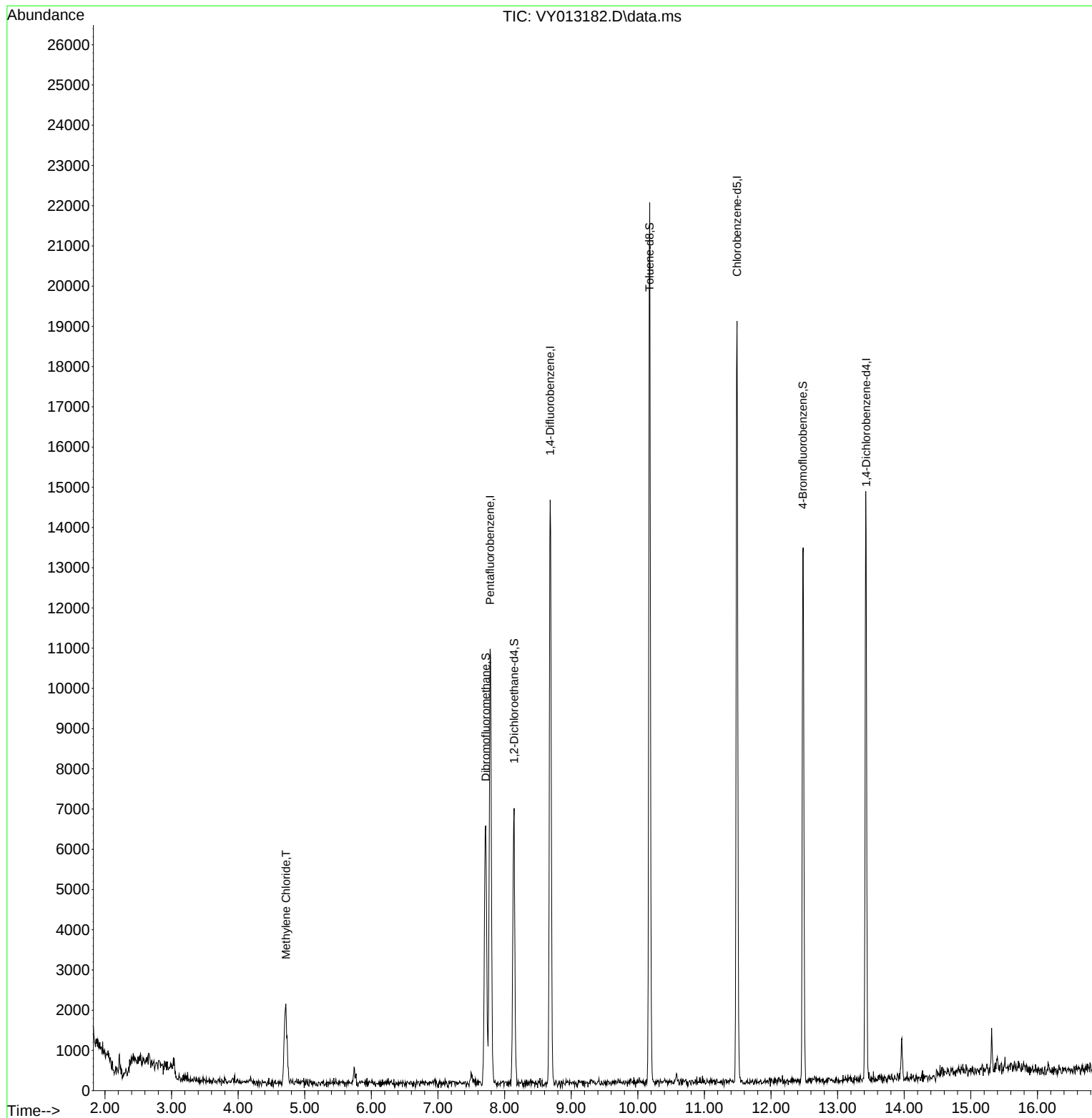
Internal Standards						
1) Pentafluorobenzene	7.783	168	9135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	13308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	11395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5397	54.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.940%	
35) Dibromofluoromethane	7.716	113	4819	55.431	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.860%	
50) Toluene-d8	10.179	98	15236	46.423	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.840%	
62) 4-Bromofluorobenzene	12.477	95	4210	39.409	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.820%	
Target Compounds						
20) Methylene Chloride	4.716	84	1744	12.837	ug/l	Qvalue # 80

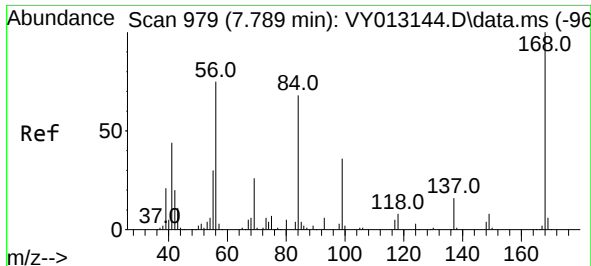
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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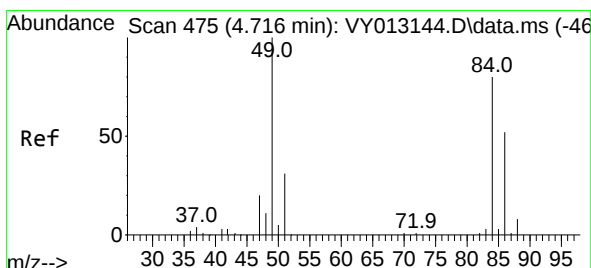
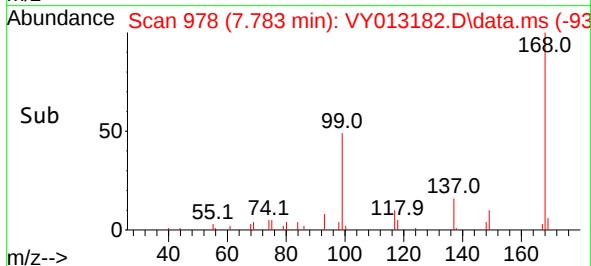
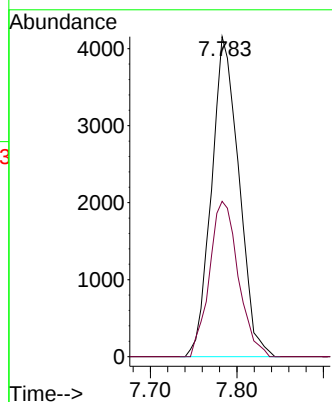
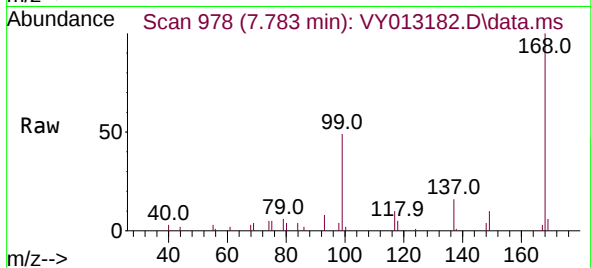




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

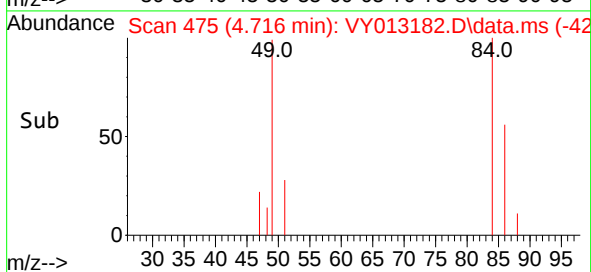
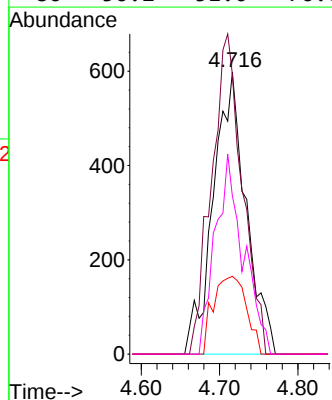
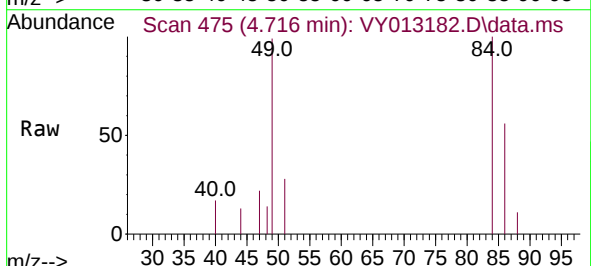
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-033123

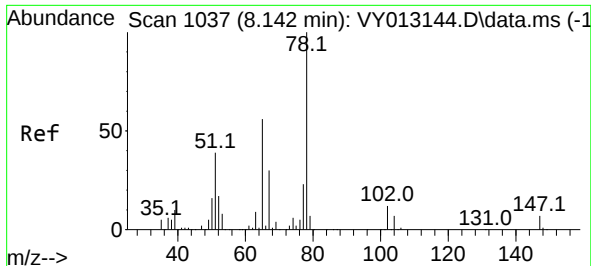
Tgt Ion:168 Resp: 9135
Ion Ratio Lower Upper
168 100
99 48.5 41.7 62.5



#20
Methylene Chloride
Concen: 12.837 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

Tgt Ion: 84 Resp: 1744
Ion Ratio Lower Upper
84 100
49 99.3 102.6 154.0#
51 27.6 31.9 47.9#
86 56.2 51.0 76.6

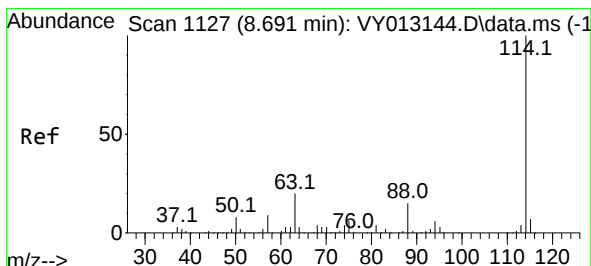
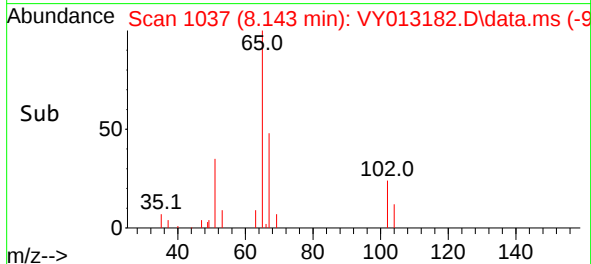
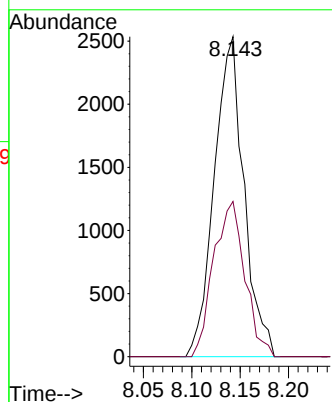
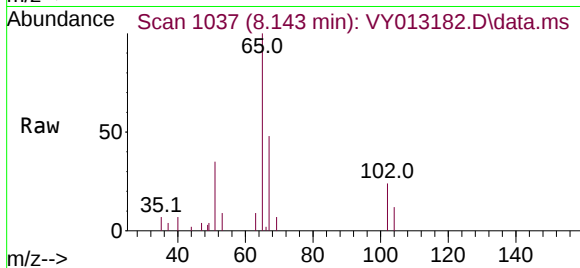




#33
 1,2-Dichloroethane-d4
 Concen: 54.975 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. 0.001 min
 Lab File: VY013182.D
 Acq: 03 Apr 2023 17:42

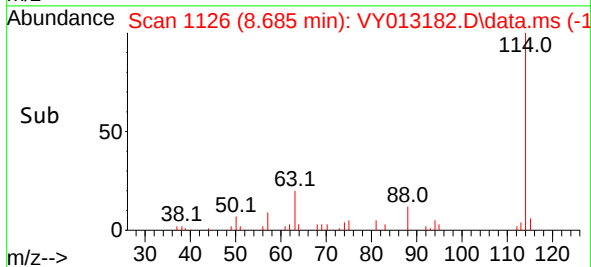
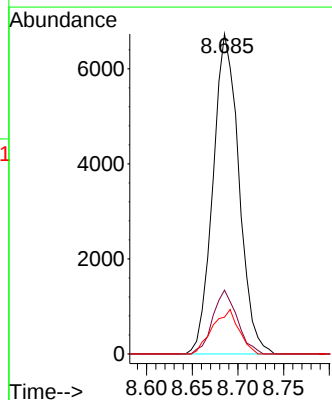
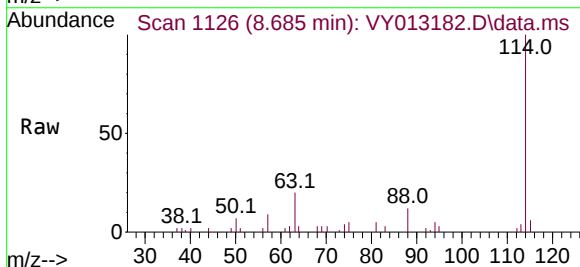
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 OR-3-033123

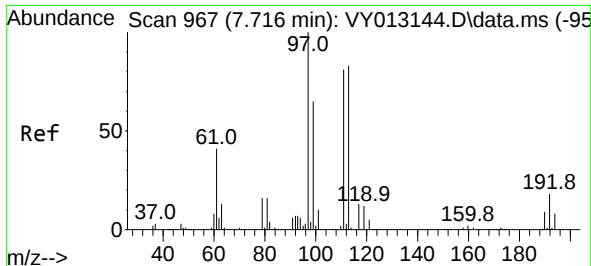
Tgt Ion: 65 Resp: 5397
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013182.D
 Acq: 03 Apr 2023 17:42

Tgt Ion: 114 Resp: 13308
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 11.5 0.0 28.6

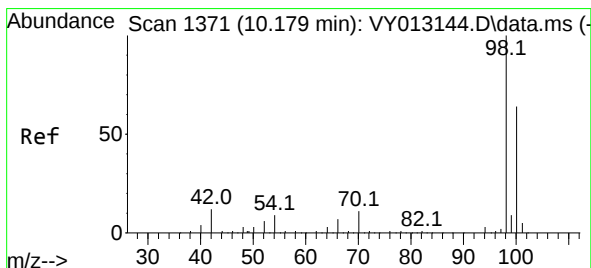
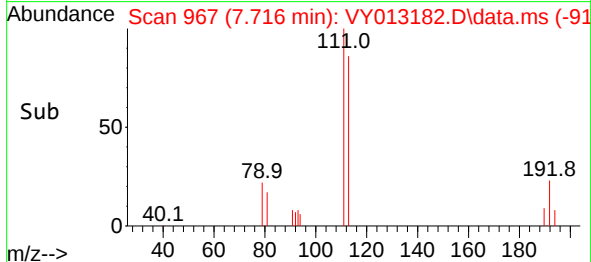
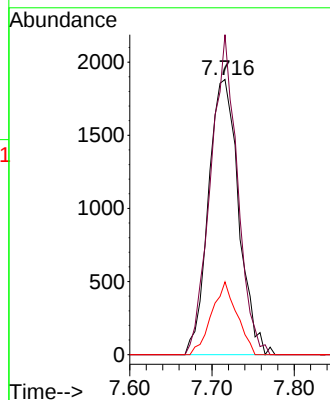
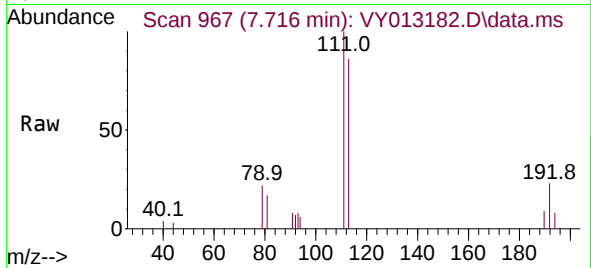




#35
Dibromofluoromethane
Concen: 55.431 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

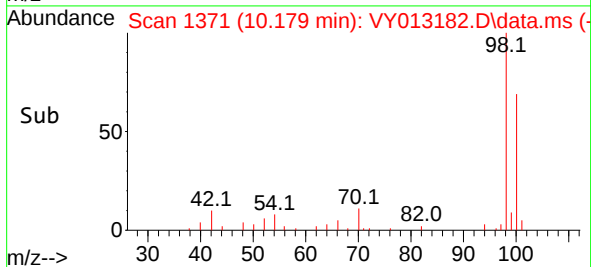
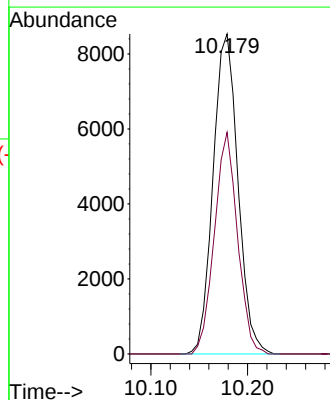
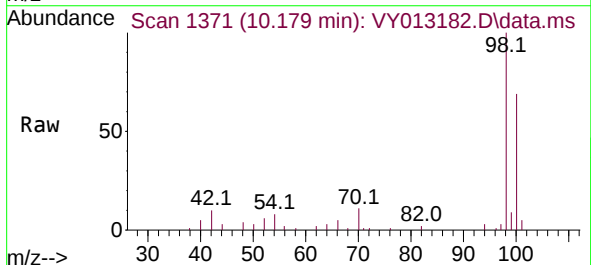
Instrument :
MSVOA_Y
ClientSampleId :
OR-3-033123

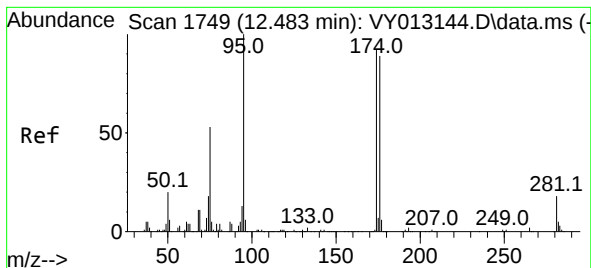
Tgt Ion:113 Resp: 4819
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 22.0 16.8 25.2



#50
Toluene-d8
Concen: 46.423 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

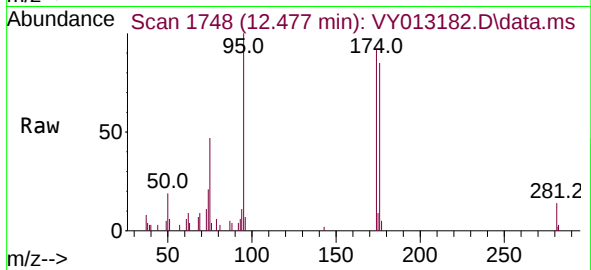
Tgt Ion: 98 Resp: 15236
Ion Ratio Lower Upper
98 100
100 64.3 50.9 76.3



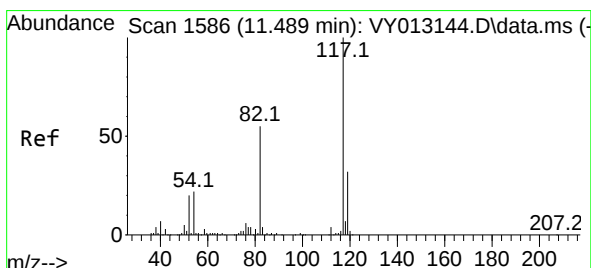
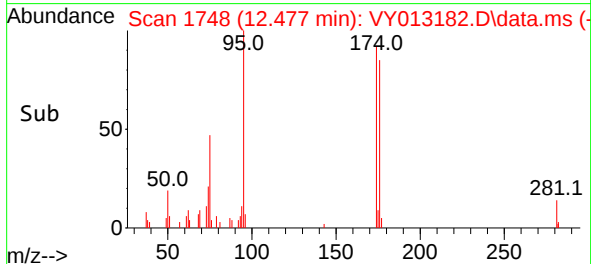
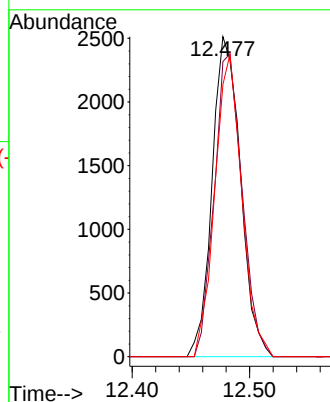


#62
4-Bromofluorobenzene
Concen: 39.409 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

Instrument :
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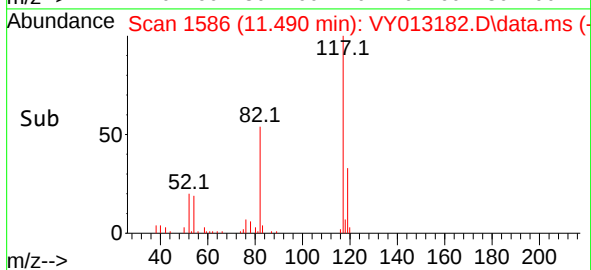
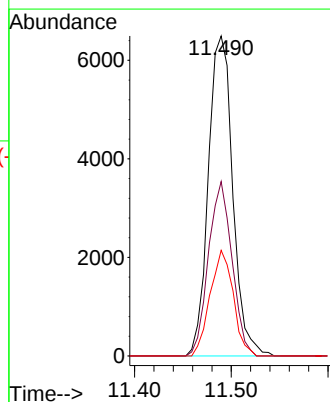
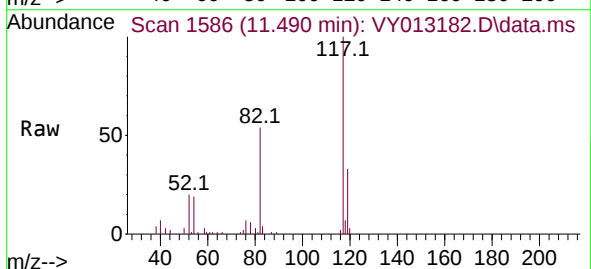


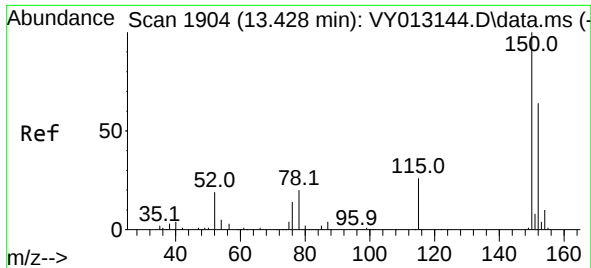
Tgt Ion: 95 Resp: 4210
Ion Ratio Lower Upper
95 100
174 93.0 0.0 176.6
176 89.5 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013182.D
Acq: 03 Apr 2023 17:42

Tgt Ion: 117 Resp: 11395
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 33.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013182.D

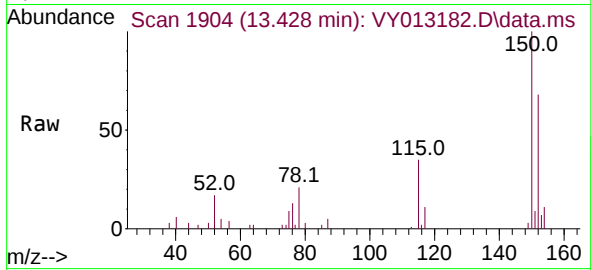
Acq: 03 Apr 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

OR-3-033123



Tgt Ion:152 Resp: 4488

Ion Ratio Lower Upper

152 100

115 53.1 27.1 81.3

150 148.6 0.0 347.8

