

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042523\
 Data File : VY013457.D
 Acq On : 25 Apr 2023 19:23
 Operator : KP/MD
 Sample : 02470-05
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-9.5-10.0

Quant Time: Apr 26 02:54:11 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)

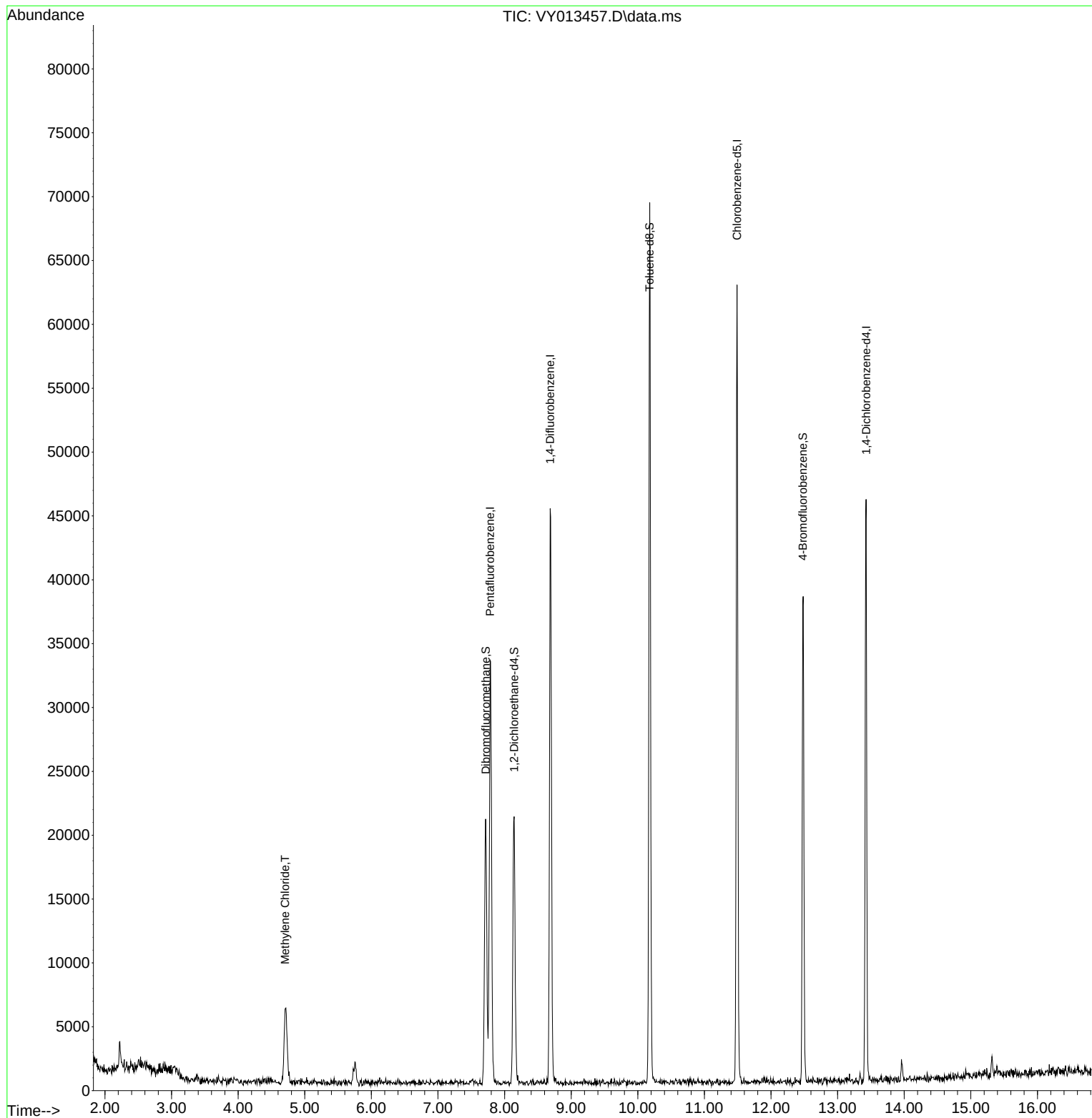
Internal Standards						
1) Pentafluorobenzene	7.783	168	25146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	37412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	33906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	16789	60.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.820%	
35) Dibromofluoromethane	7.716	113	14385	61.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.260%	
50) Toluene-d8	10.179	98	43703	52.209	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.420%	
62) 4-Bromofluorobenzene	12.477	95	11192	39.660	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.320%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	4678	6.760	ug/l #	83

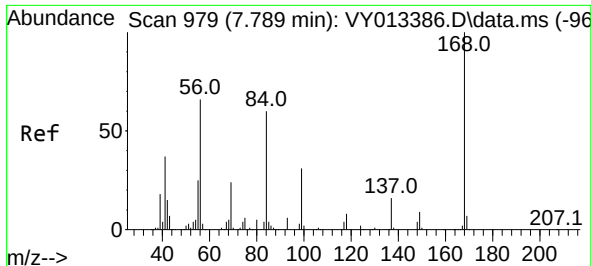
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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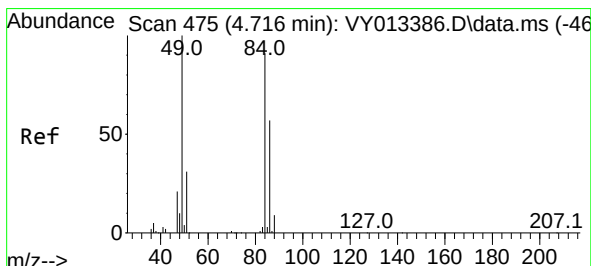
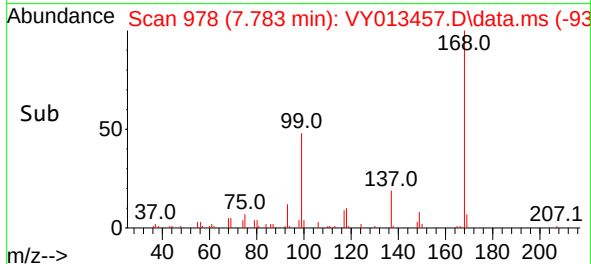
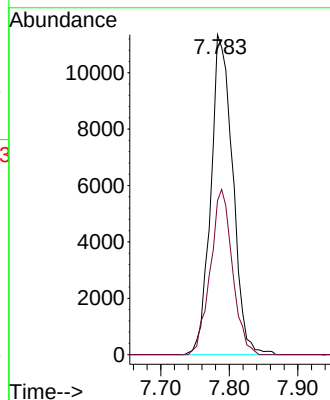
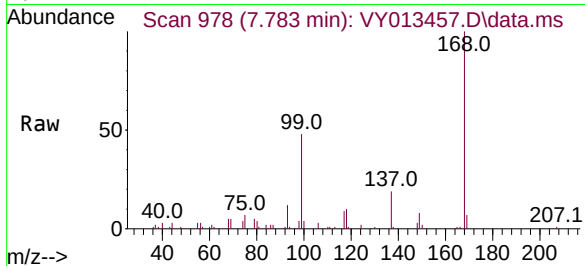




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

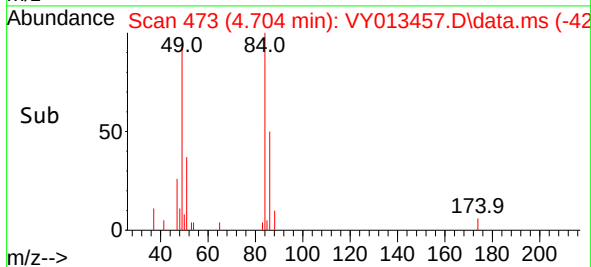
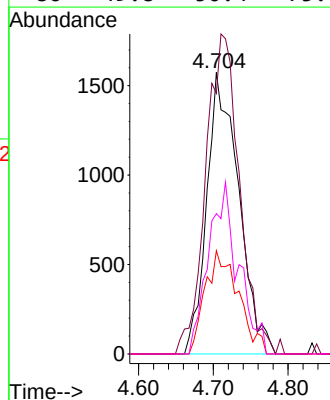
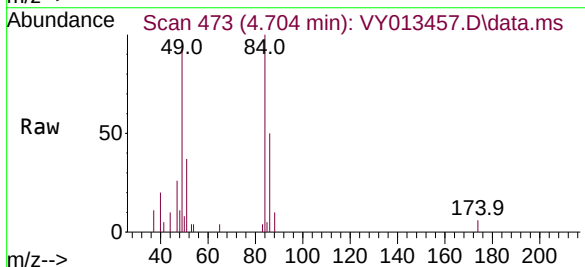
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-10.0

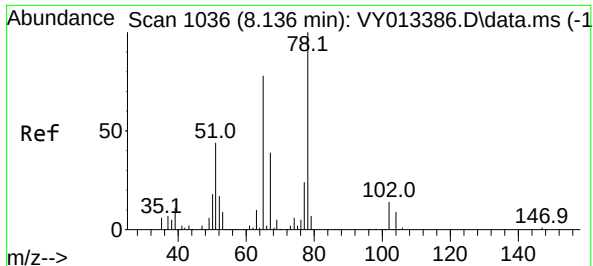
Tgt Ion:168 Resp: 25146
Ion Ratio Lower Upper
168 100
99 48.1 41.8 62.6



#20
Methylene Chloride
Concen: 6.760 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

Tgt Ion: 84 Resp: 4678
Ion Ratio Lower Upper
84 100
49 87.5 88.0 132.0#
51 36.7 27.4 41.0
86 49.8 50.4 75.6#





#33

1,2-Dichloroethane-d4

Concen: 60.906 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY013457.D

Acq: 25 Apr 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

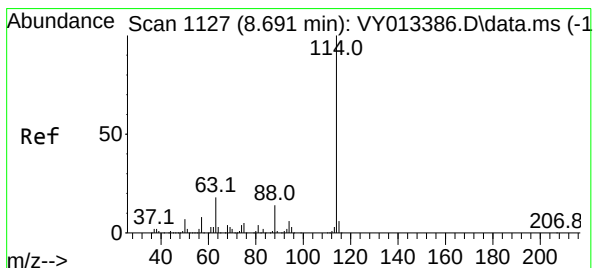
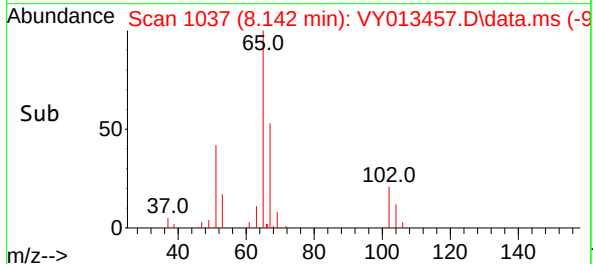
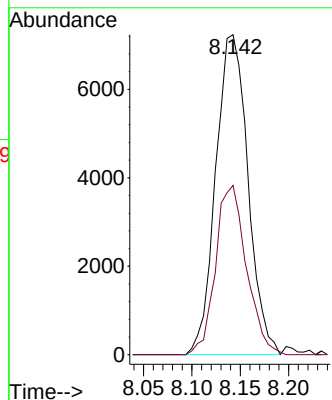
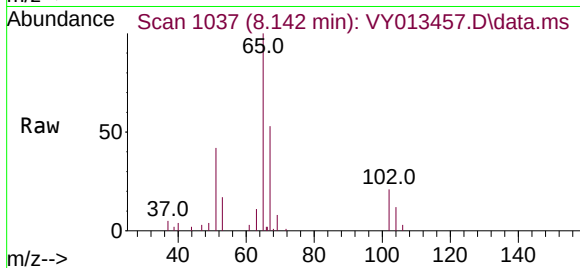
SB-06-9.5-10.0

Tgt Ion: 65 Resp: 16789

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013457.D

Acq: 25 Apr 2023 19:23

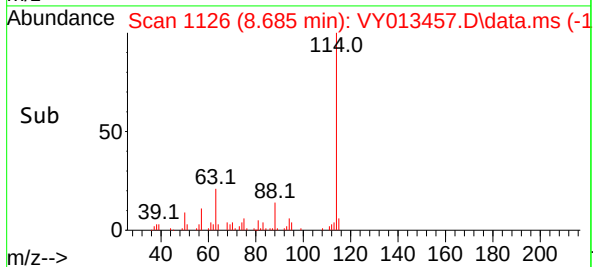
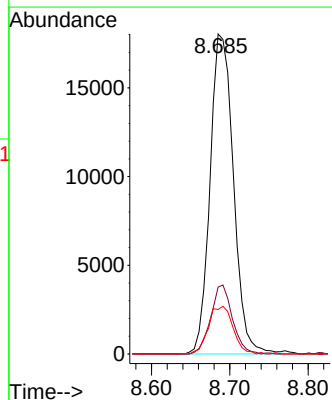
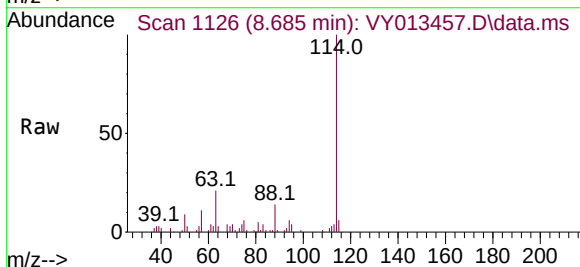
Tgt Ion: 114 Resp: 37412

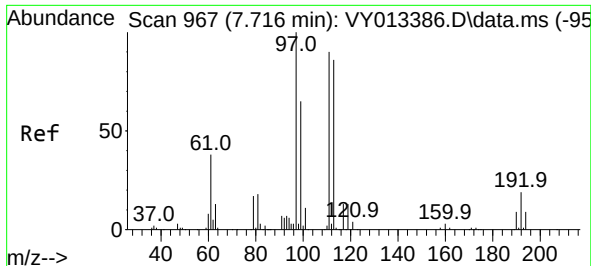
Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.6

88 13.9 0.0 28.8

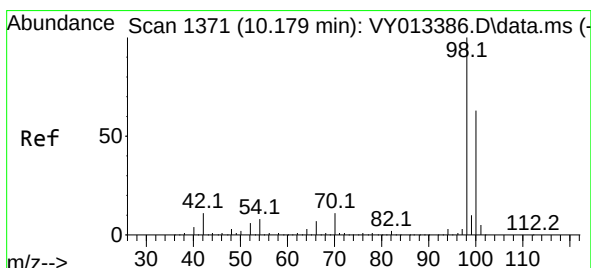
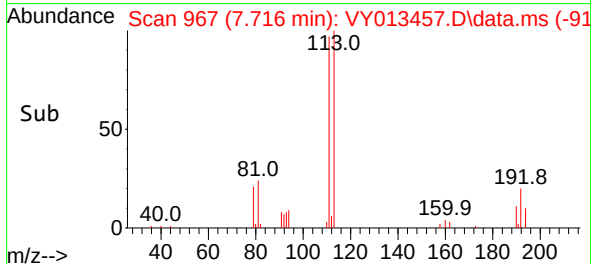
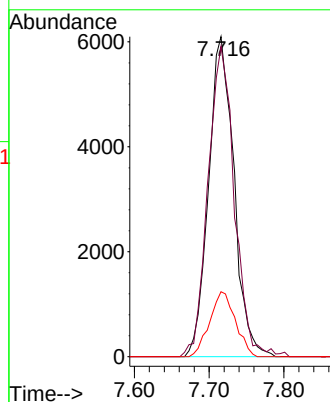
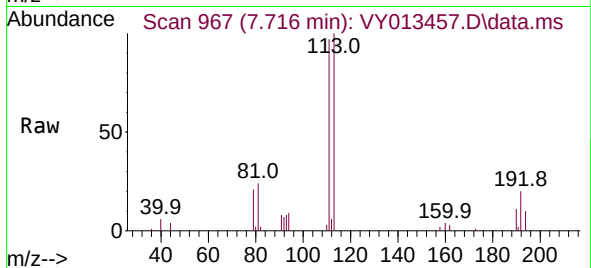




#35
Dibromofluoromethane
Concen: 61.134 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

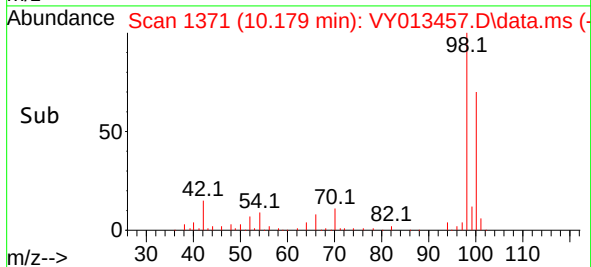
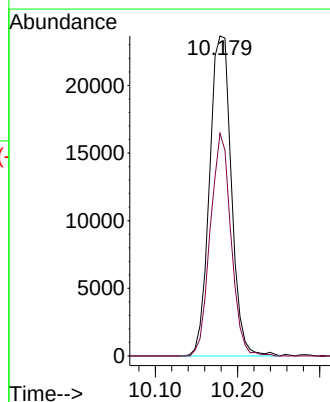
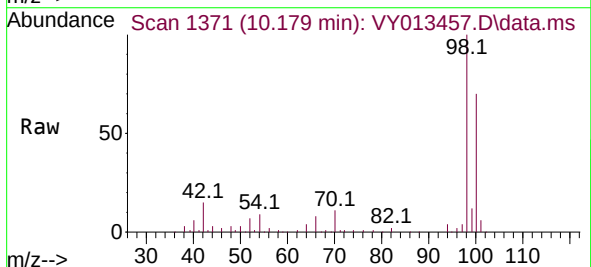
Instrument :
MSVOA_Y
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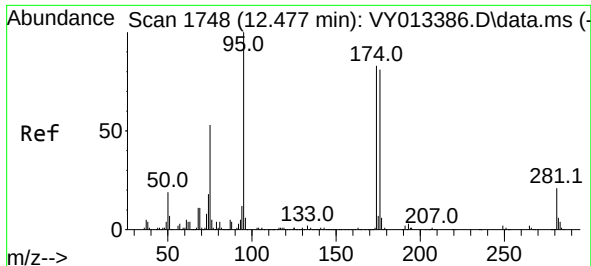
Tgt Ion:113 Resp: 14385
Ion Ratio Lower Upper
113 100
111 100.7 82.2 123.2
192 20.6 16.7 25.1



#50
Toluene-d8
Concen: 52.209 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

Tgt Ion: 98 Resp: 43703
Ion Ratio Lower Upper
98 100
100 65.9 50.5 75.7

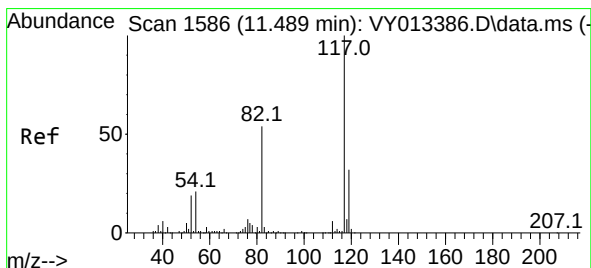
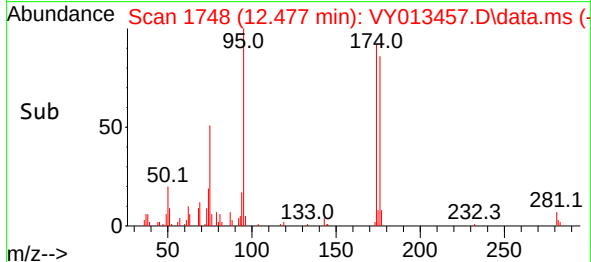
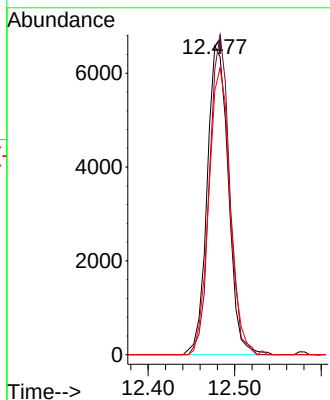
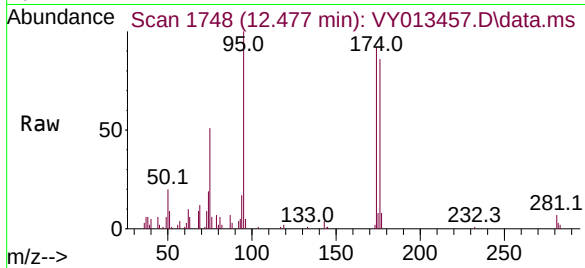




#62
4-Bromofluorobenzene
Concen: 39.660 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

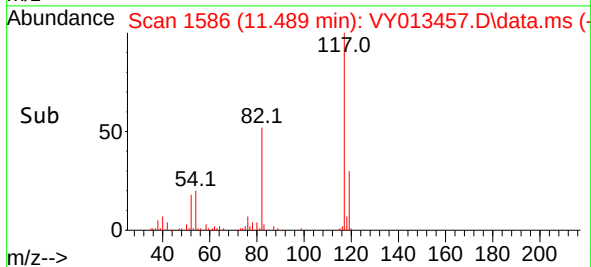
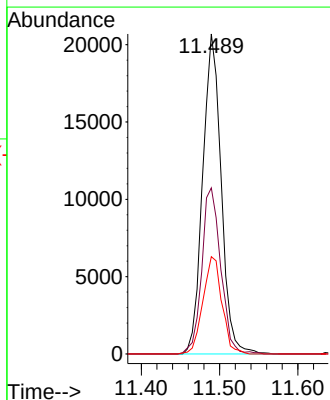
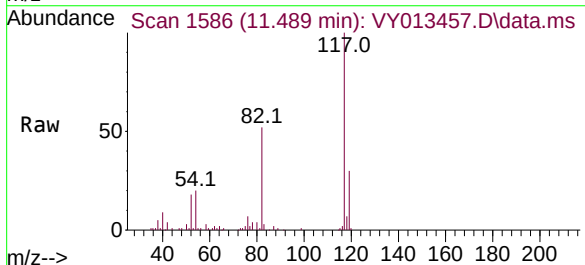
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-10.0

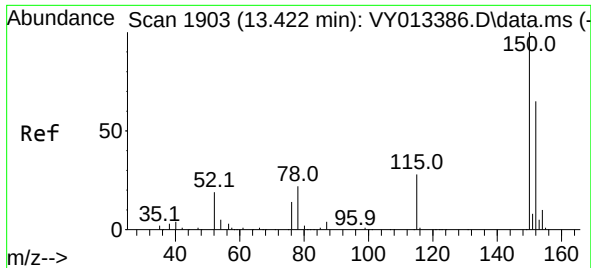
Tgt Ion: 95 Resp: 11192
Ion Ratio Lower Upper
95 100
174 97.7 0.0 182.0
176 93.1 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY013457.D
Acq: 25 Apr 2023 19:23

Tgt Ion: 117 Resp: 33906
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.6
119 30.4 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: VY013457.D

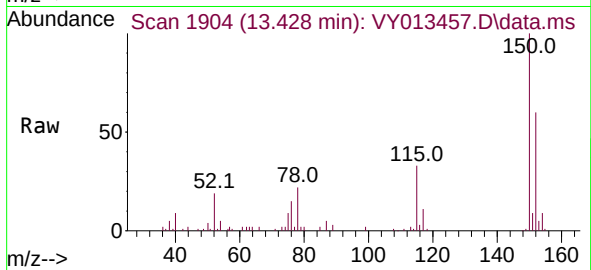
Acq: 25 Apr 2023 19:23

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-9.5-10.0



Tgt Ion:152 Resp: 11753

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 166.6 0.0 352.0

