

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014118.D
 Acq On : 12 Jun 2023 14:22
 Operator : KP/MD
 Sample : 03123-16
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW11-GW-838-840

Quant Time: Jun 13 05:42:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

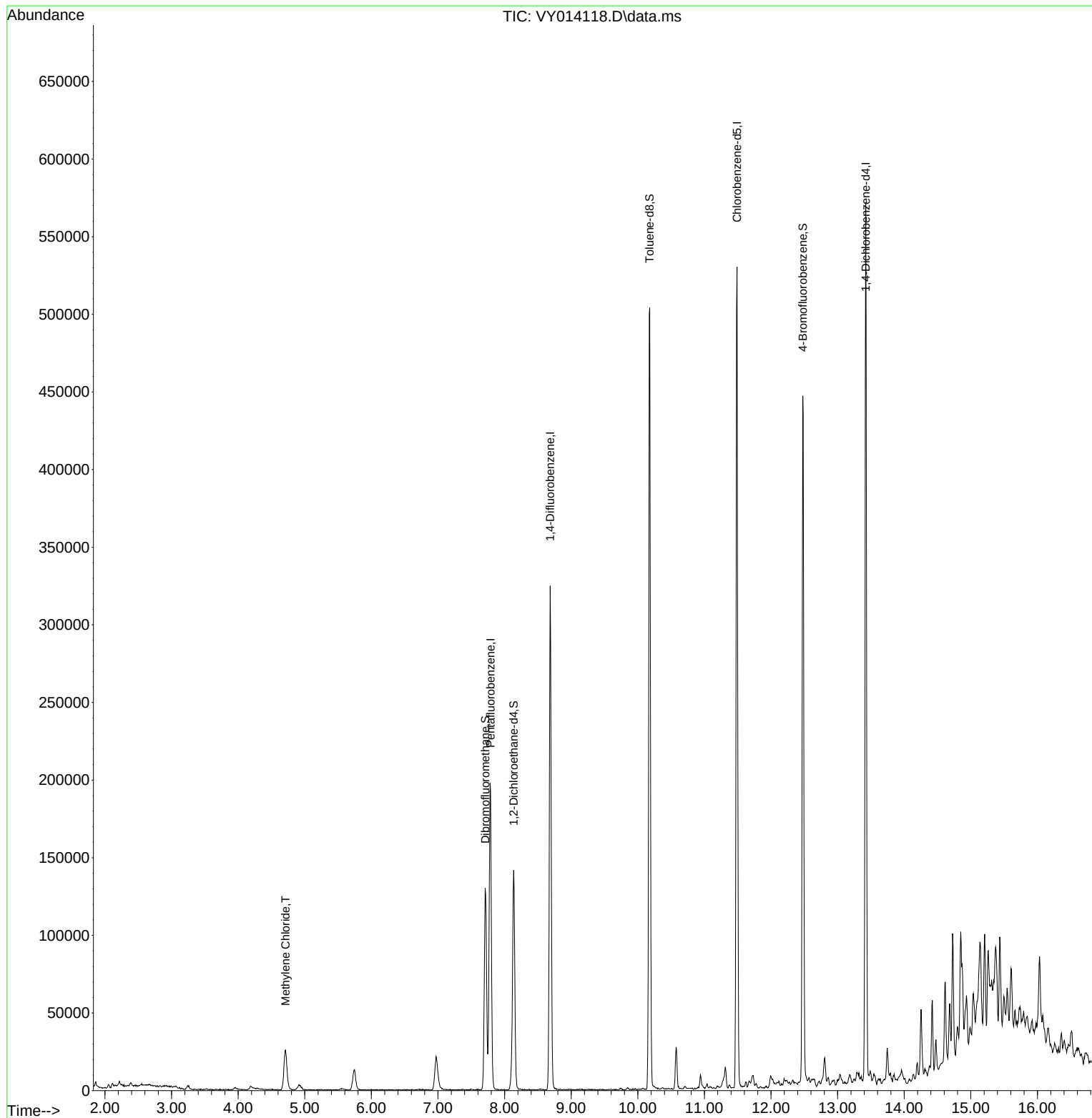
Internal Standards						
1) Pentafluorobenzene	7.789	168	153792	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	262848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114685	53.552	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	107.100%	
35) Dibromofluoromethane	7.710	113	89245	47.877	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	95.760%	
50) Toluene-d8	10.179	98	330096	47.367	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	=	94.740%	
62) 4-Bromofluorobenzene	12.477	95	119667	48.339	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	=	96.680%	
Target Compounds						
20) Methylene Chloride	4.710	84	19648	6.408	ug/l	Qvalue 89

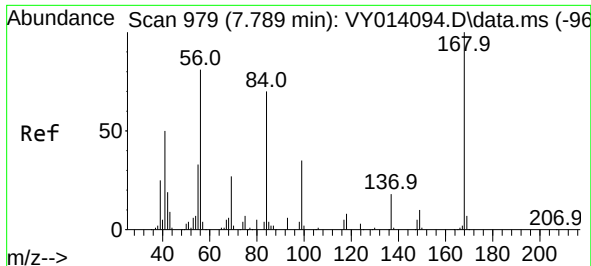
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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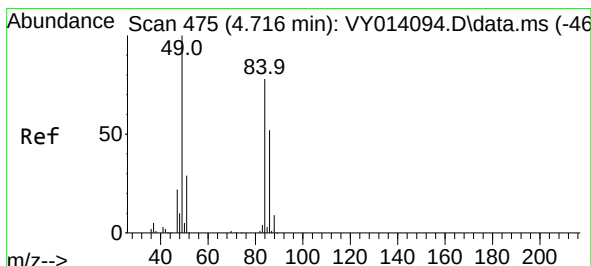
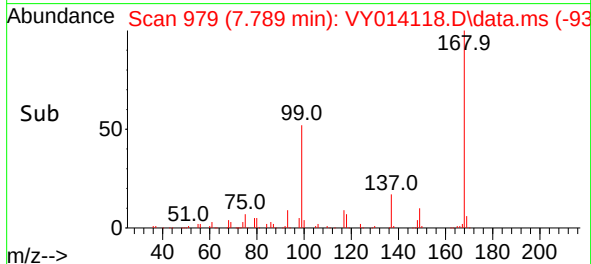
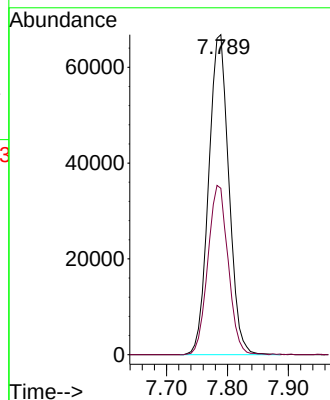
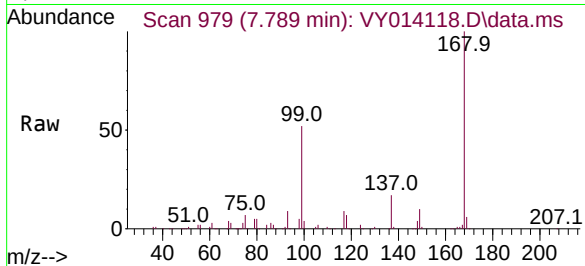




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014118.D
Acq: 12 Jun 2023 14:22

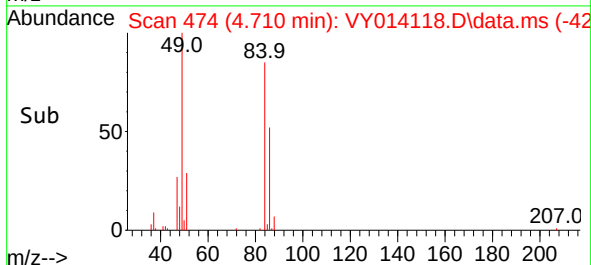
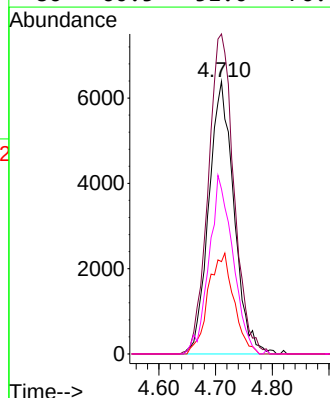
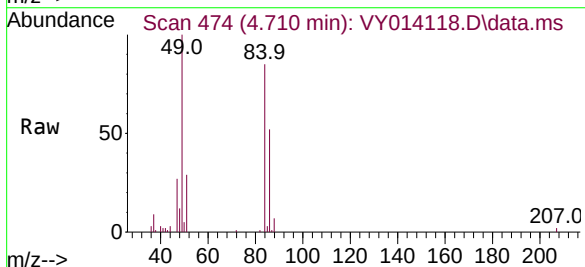
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW11-GW-838-840

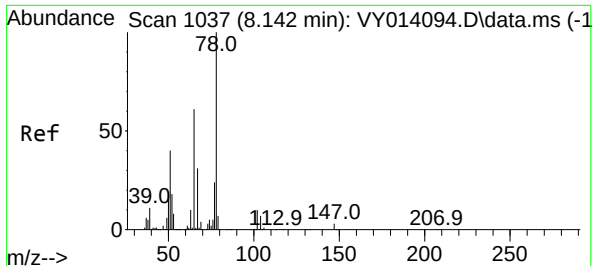
Tgt Ion:168 Resp: 153792
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#20
Methylene Chloride
Concen: 6.408 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014118.D
Acq: 12 Jun 2023 14:22

Tgt Ion: 84 Resp: 19648
Ion Ratio Lower Upper
84 100
49 117.4 106.9 160.3
51 33.8 33.2 49.8
86 60.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 53.552 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014118.D

Acq: 12 Jun 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

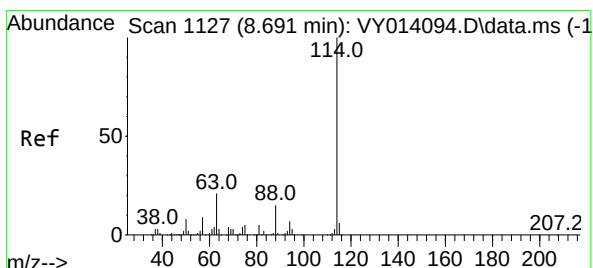
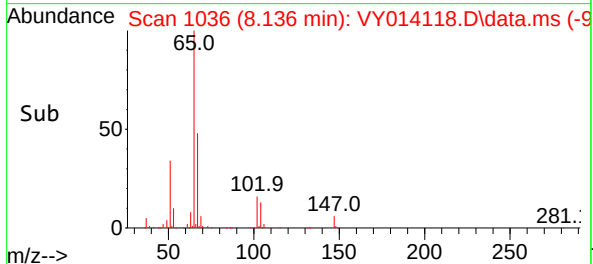
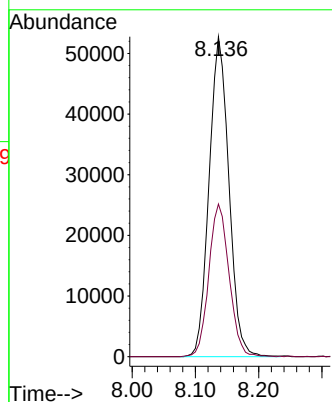
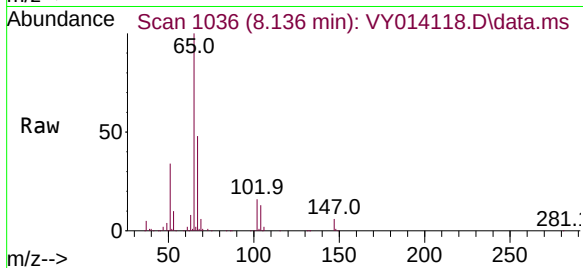
BP-VPB-RW11-GW-838-840

Tgt Ion: 65 Resp: 114685

Ion Ratio Lower Upper

65 100

67 48.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014118.D

Acq: 12 Jun 2023 14:22

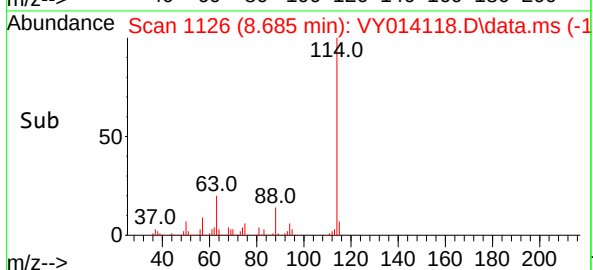
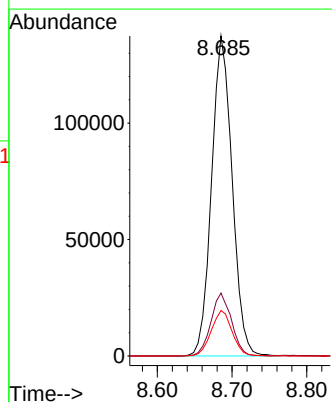
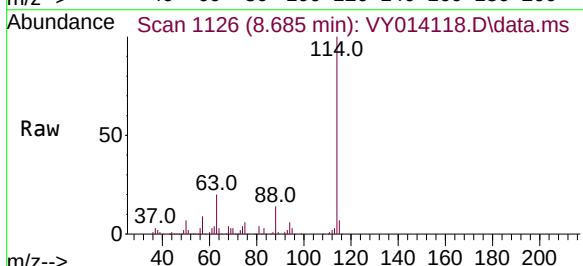
Tgt Ion: 114 Resp: 262848

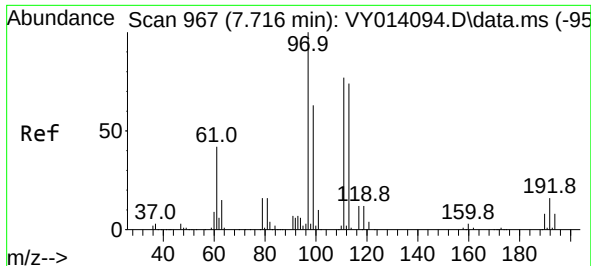
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 14.2 0.0 30.6

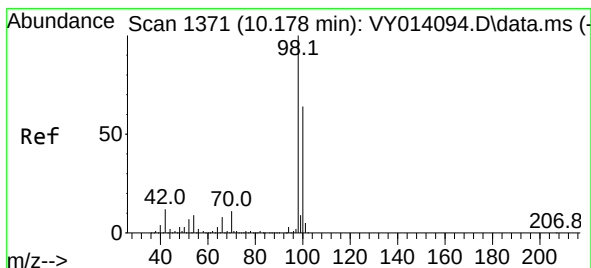
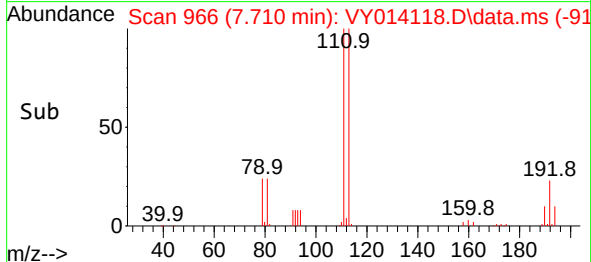
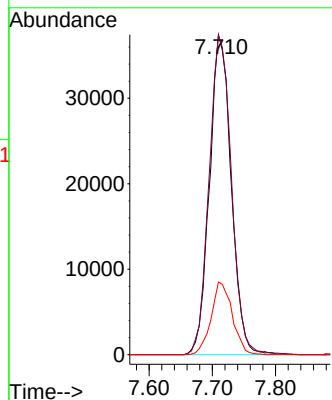
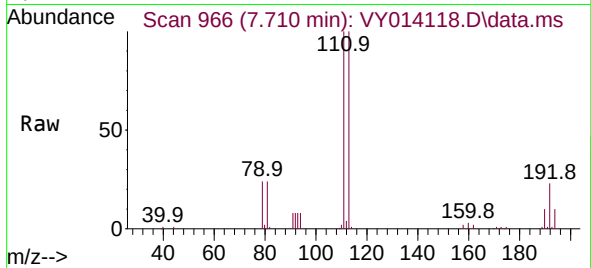




#35
Dibromofluoromethane
Concen: 47.877 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014118.D
Acq: 12 Jun 2023 14:22

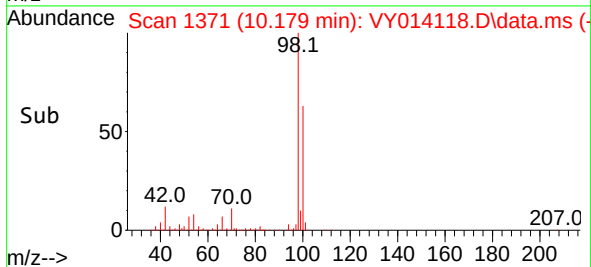
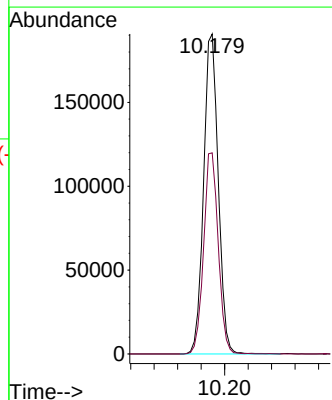
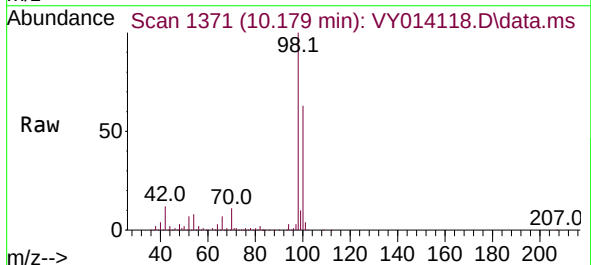
Instrument :
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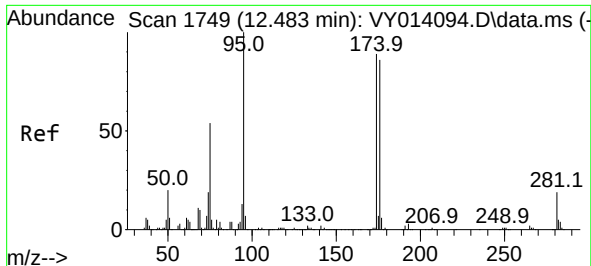
Tgt Ion:113 Resp: 89245
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 22.1 16.9 25.3



#50
Toluene-d8
Concen: 47.367 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014118.D
Acq: 12 Jun 2023 14:22

Tgt Ion: 98 Resp: 330096
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

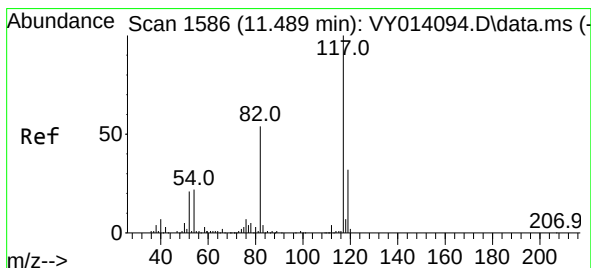
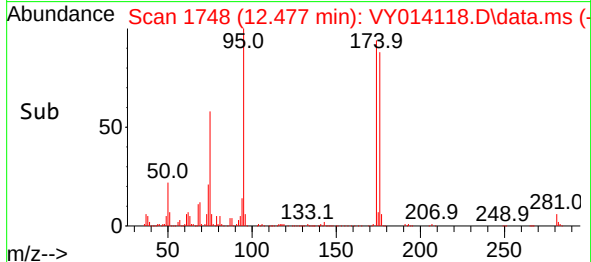
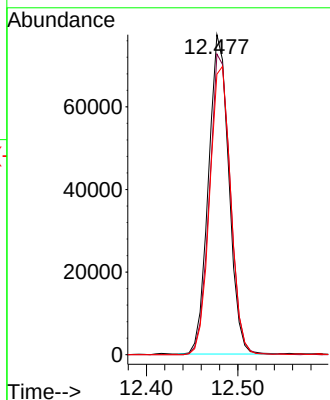
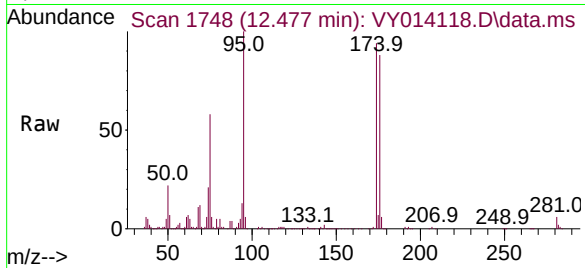




#62
4-Bromofluorobenzene
Concen: 48.339 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY014118.D
Acq: 12 Jun 2023 14:22

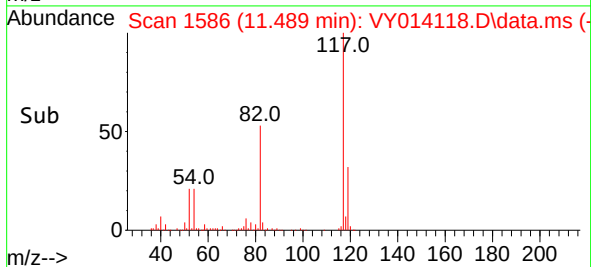
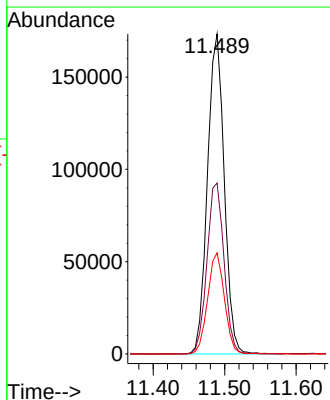
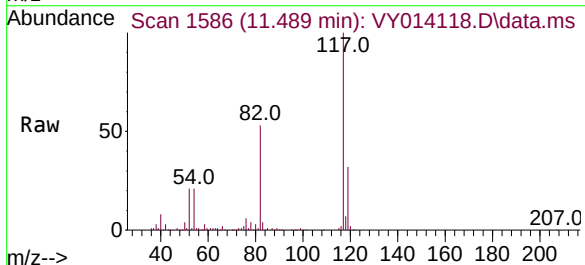
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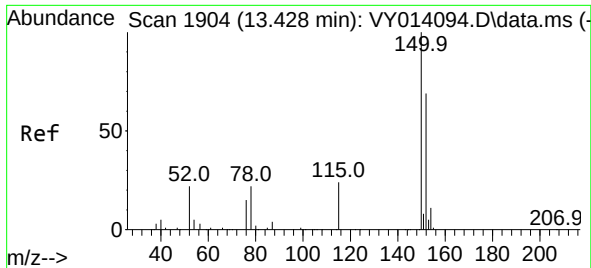
Tgt Ion: 95 Resp: 119667
Ion Ratio Lower Upper
95 100
174 96.2 0.0 178.2
176 93.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014118.D
Acq: 12 Jun 2023 14:22

Tgt Ion: 117 Resp: 281916
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 31.6 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014118.D

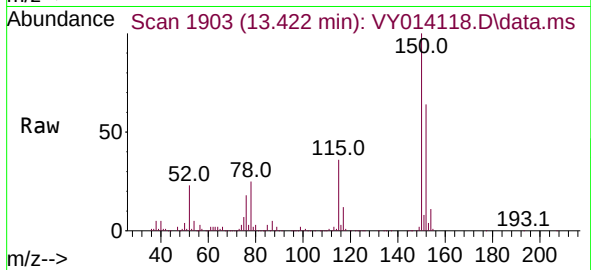
Acq: 12 Jun 2023 14:22

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW11-GW-838-840



Tgt Ion:152 Resp: 140947

Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 157.1 0.0 348.8

