

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061223\
 Data File : VY014117.D
 Acq On : 12 Jun 2023 13:59
 Operator : KP/MD
 Sample : 03123-15
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW11-GW-738-740

Quant Time: Jun 13 05:41:42 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)

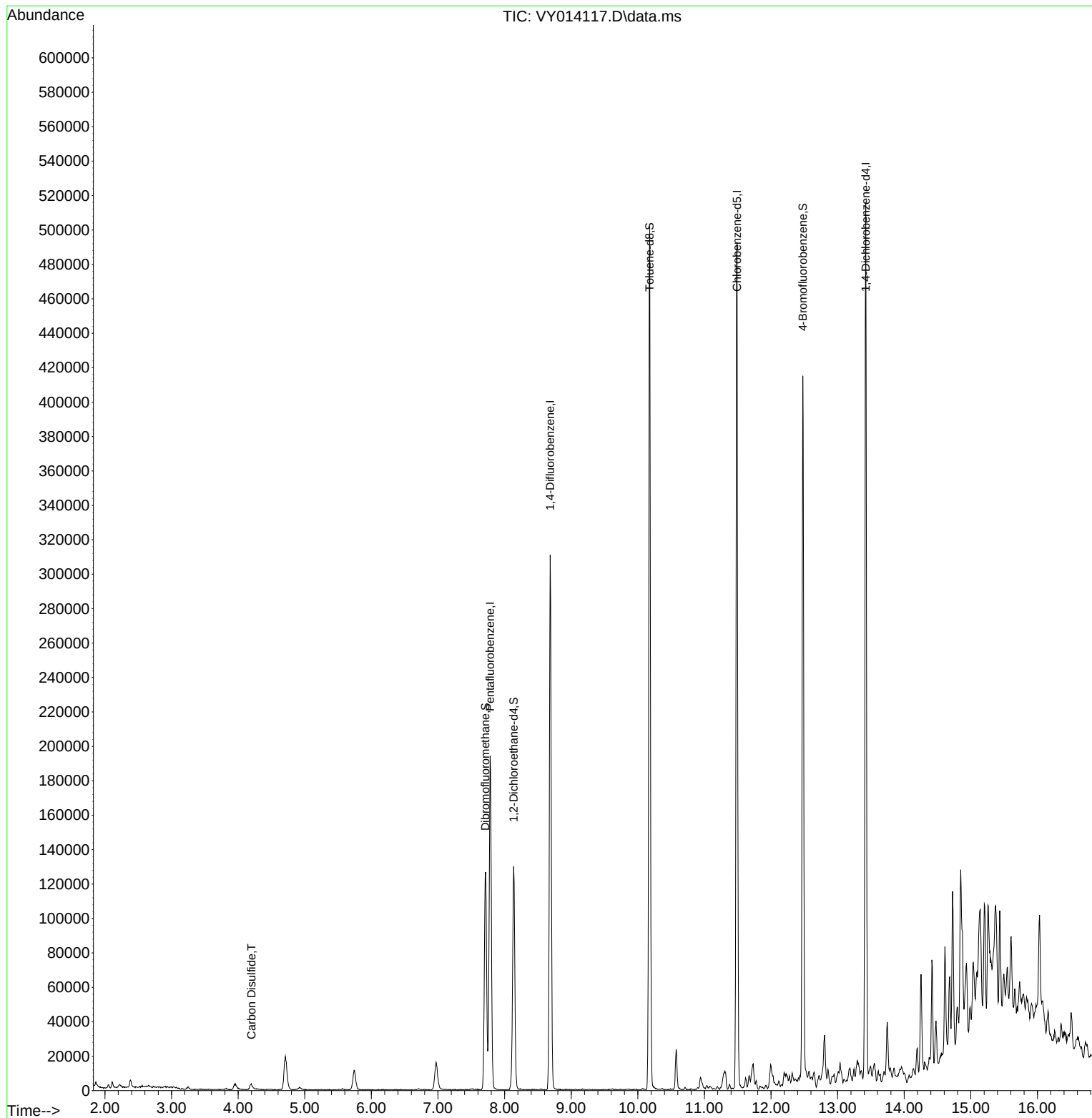
Internal Standards						
1) Pentafluorobenzene	7.783	168	148287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105319	51.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.000%
35) Dibromofluoromethane	7.710	113	85823	47.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.960%
50) Toluene-d8	10.179	98	322056	47.658	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.477	95	114527	47.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.420%
Target Compounds						
17) Carbon Disulfide	4.198	76	5606	1.022	ug/l	Qvalue 99

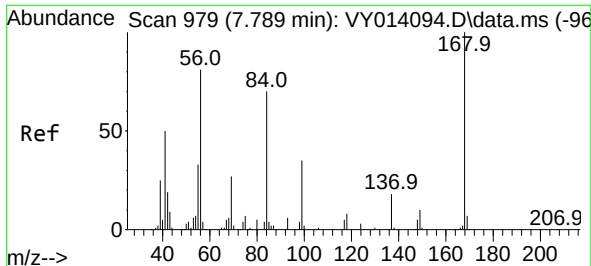
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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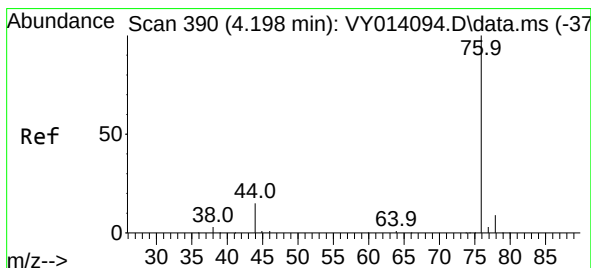
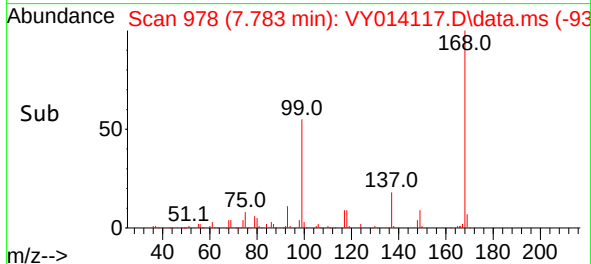
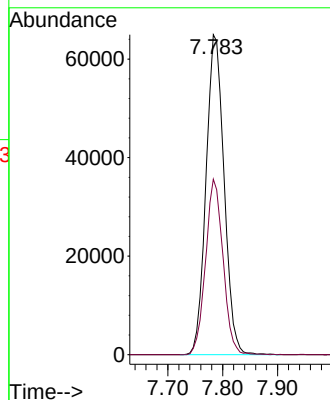
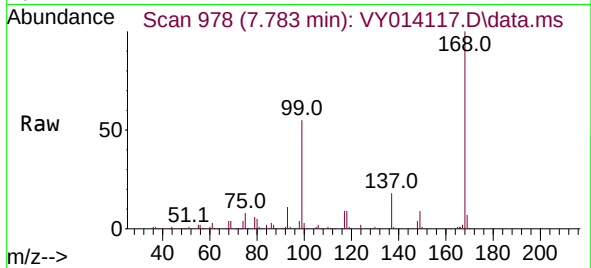




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014117.D
Acq: 12 Jun 2023 13:59

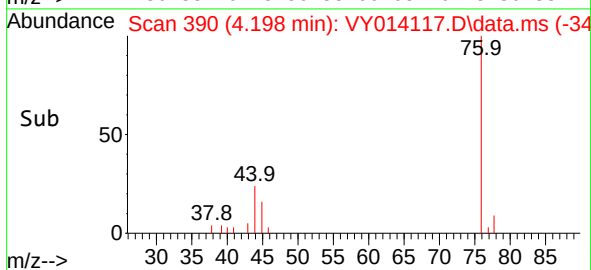
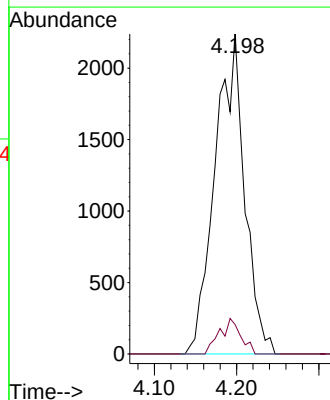
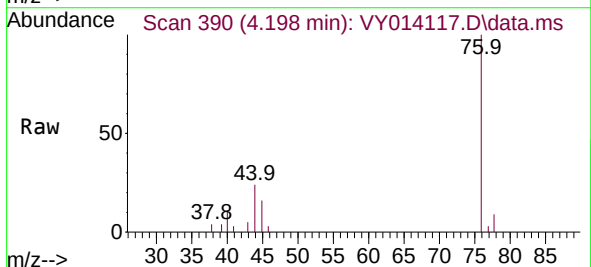
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW11-GW-738-740

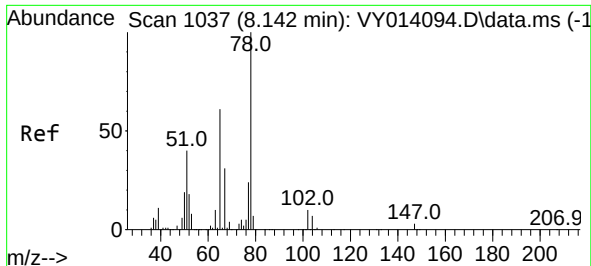
Tgt Ion:168 Resp: 148287
Ion Ratio Lower Upper
168 100
99 54.9 43.4 65.0



#17
Carbon Disulfide
Concen: 1.022 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014117.D
Acq: 12 Jun 2023 13:59

Tgt Ion: 76 Resp: 5606
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4





#33

1,2-Dichloroethane-d4

Concen: 51.004 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY014117.D

Acq: 12 Jun 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

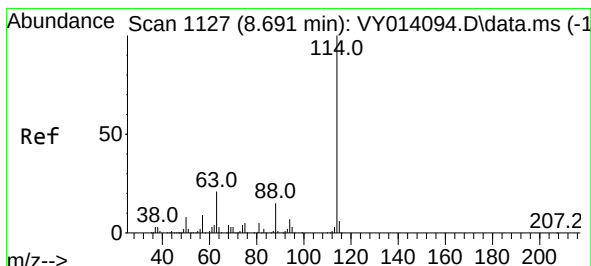
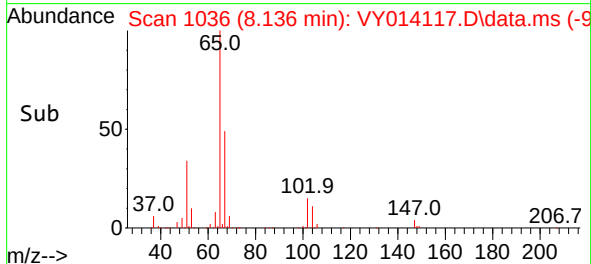
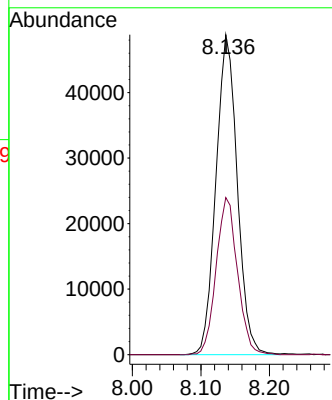
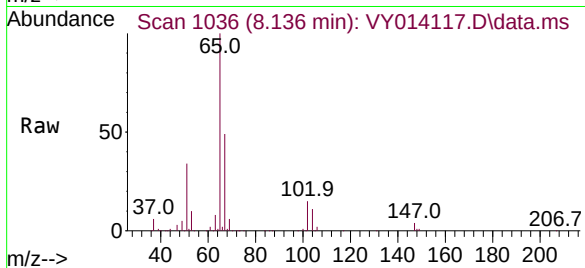
BP-VPB-RW11-GW-738-740

Tgt Ion: 65 Resp: 105319

Ion Ratio Lower Upper

65 100

67 49.1 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: VY014117.D

Acq: 12 Jun 2023 13:59

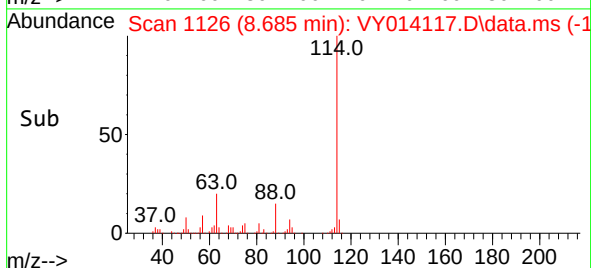
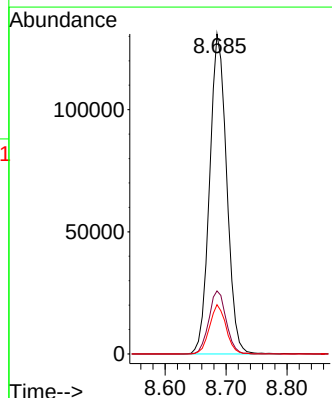
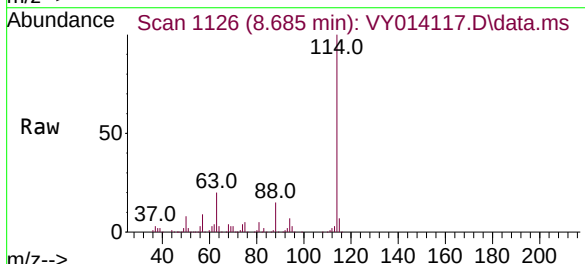
Tgt Ion: 114 Resp: 254879

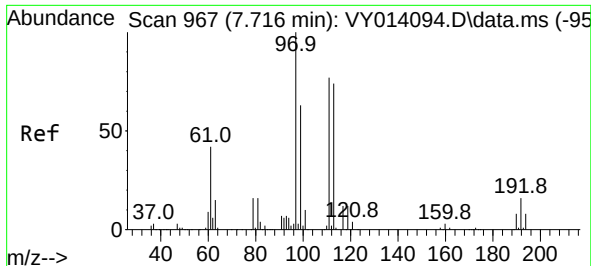
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.4 0.0 30.6

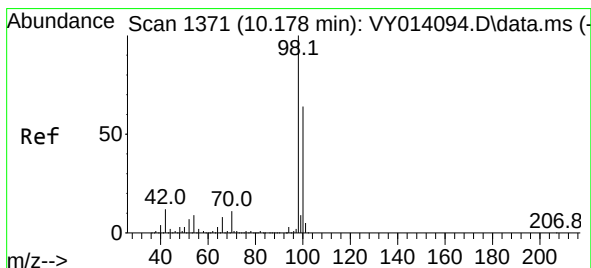
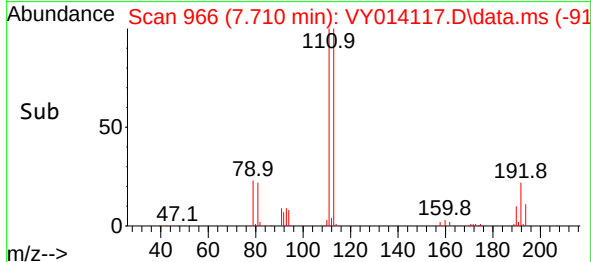
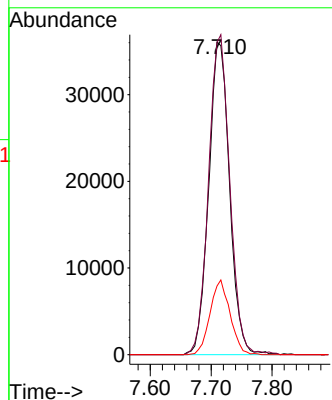
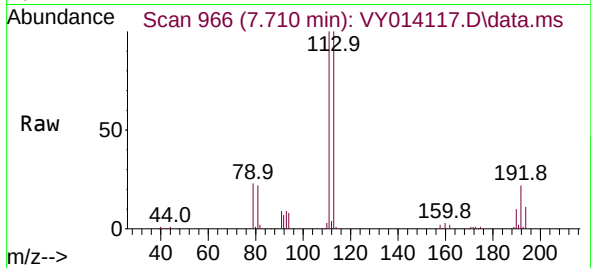




#35
Dibromofluoromethane
Concen: 47.480 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY014117.D
Acq: 12 Jun 2023 13:59

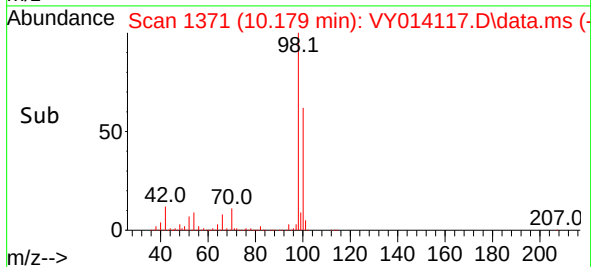
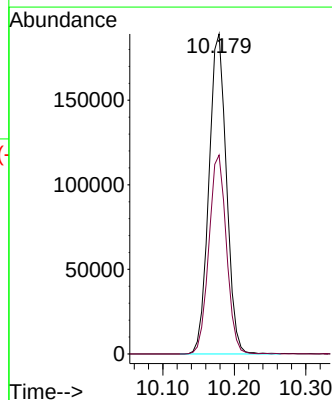
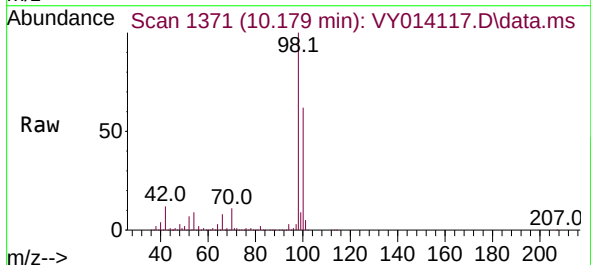
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW11-GW-738-740

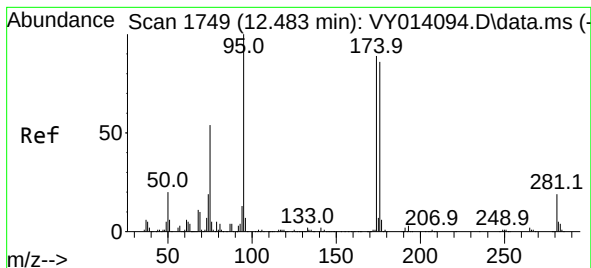
Tgt Ion:113 Resp: 85823
Ion Ratio Lower Upper
113 100
111 104.1 81.3 121.9
192 22.9 16.9 25.3



#50
Toluene-d8
Concen: 47.658 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014117.D
Acq: 12 Jun 2023 13:59

Tgt Ion: 98 Resp: 322056
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1





#62

4-Bromofluorobenzene

Concen: 47.709 ug/l

RT: 12.477 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY014117.D

Acq: 12 Jun 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW11-GW-738-740

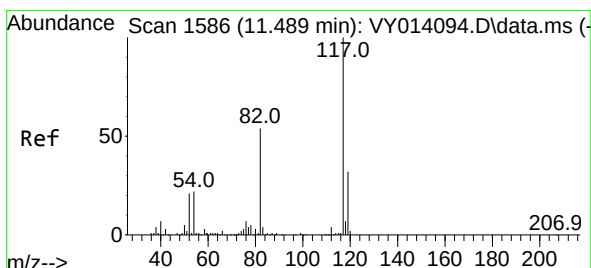
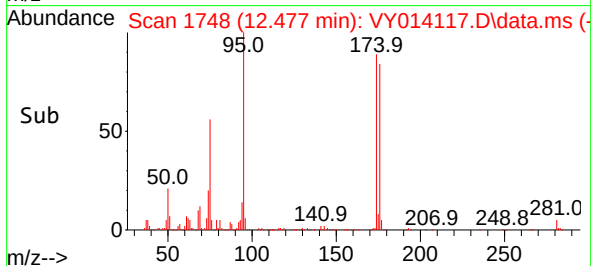
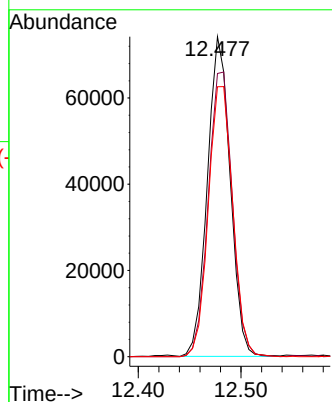
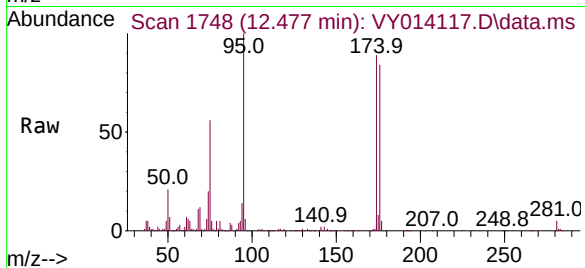
Tgt Ion: 95 Resp: 114527

Ion Ratio Lower Upper

95 100

174 93.8 0.0 178.2

176 90.3 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: VY014117.D

Acq: 12 Jun 2023 13:59

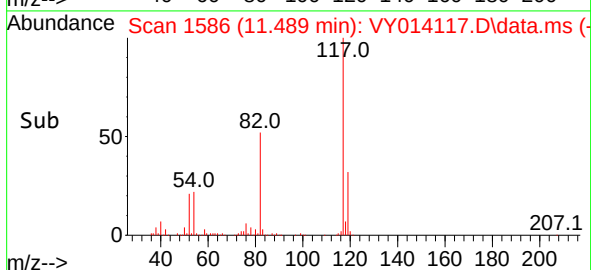
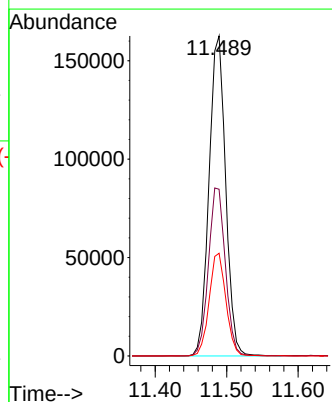
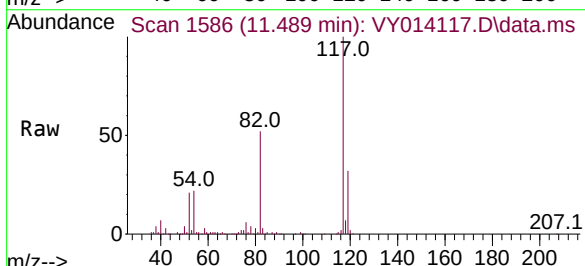
Tgt Ion: 117 Resp: 262076

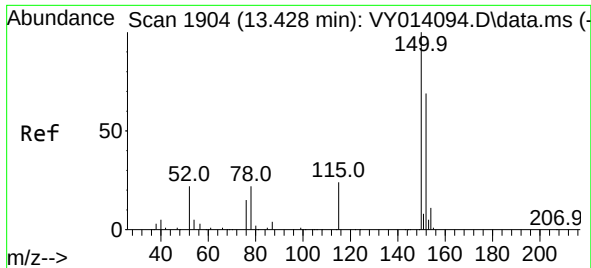
Ion Ratio Lower Upper

117 100

82 52.0 43.4 65.0

119 32.1 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: VY014117.D

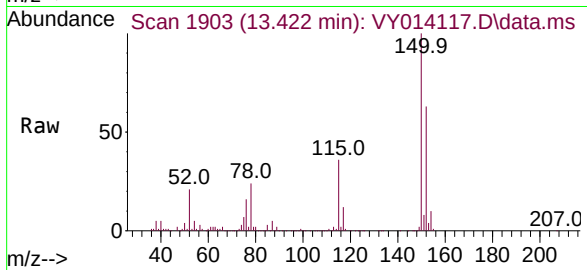
Acq: 12 Jun 2023 13:59

Instrument :

MSVOA_Y

ClientSampleId :

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Tgt Ion:152 Resp: 127603

Ion Ratio Lower Upper

152 100

115 57.3 28.8 86.5

150 157.5 0.0 348.8

