

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
 Data File : VY010913.D
 Acq On : 11 Oct 2022 13:34
 Operator : KP/MD
 Sample : N5081-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC

Quant Time: Oct 12 04:45:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

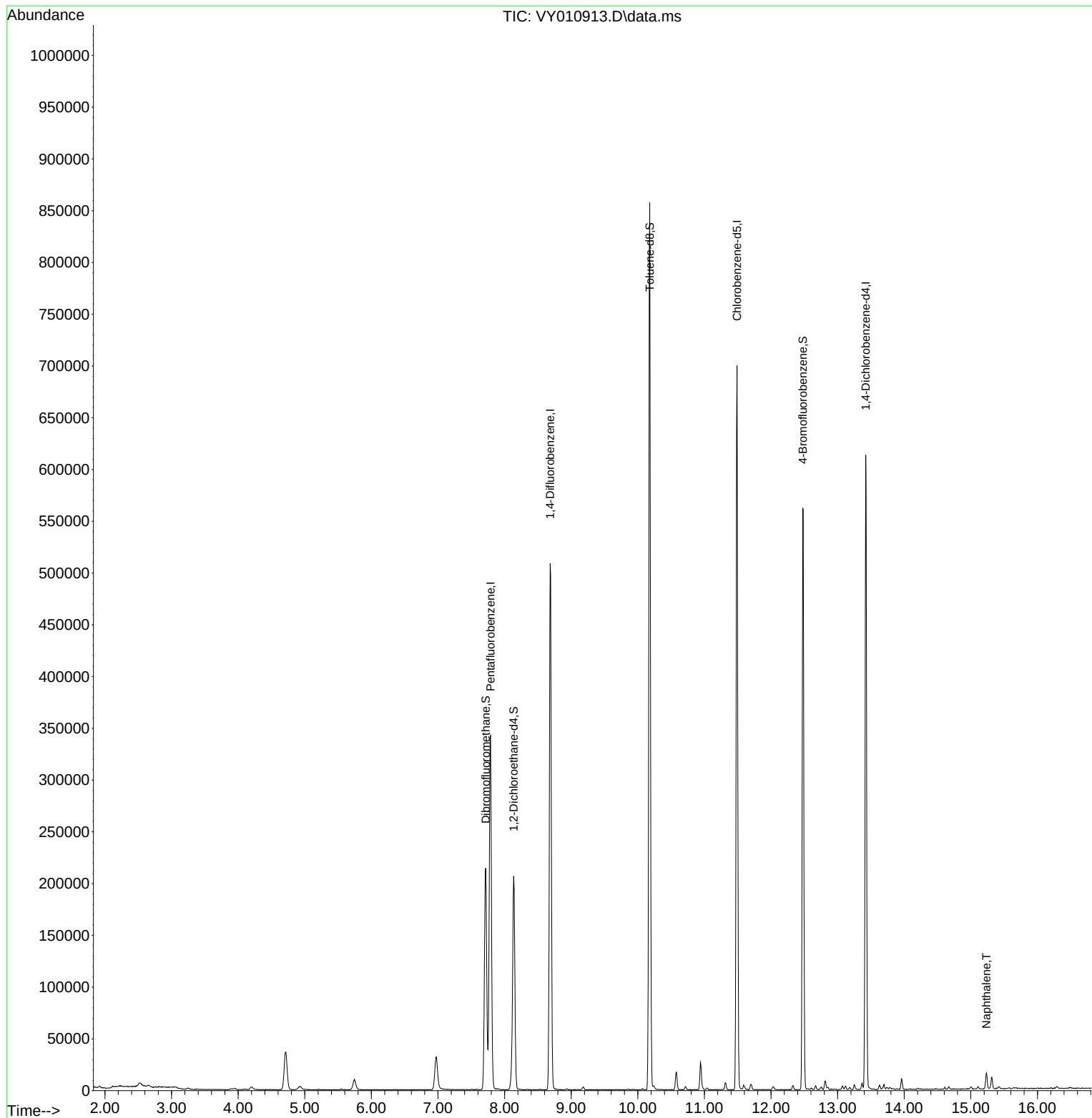
Internal Standards						
1) Pentafluorobenzene	7.789	168	271647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	451507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	382742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	160900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154364	56.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.120%	
35) Dibromofluoromethane	7.716	113	155145	51.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.520%	
50) Toluene-d8	10.179	98	563451	54.972	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.940%	
62) 4-Bromofluorobenzene	12.477	95	172406	42.502	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.000%	
Target Compounds						
95) Naphthalene	15.233	128	13552	2.524	ug/l	Qvalue 97

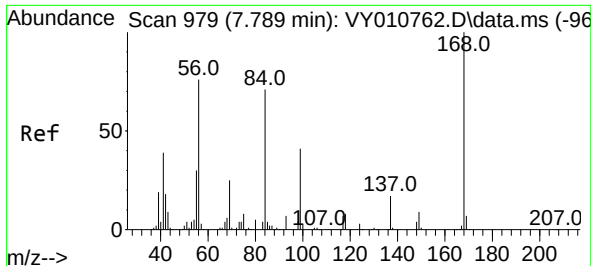
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101122\
Data File : VY010913.D
Acq On : 11 Oct 2022 13:34
Operator : KP/MD
Sample : N5081-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VOC

Quant Time: Oct 12 04:45:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

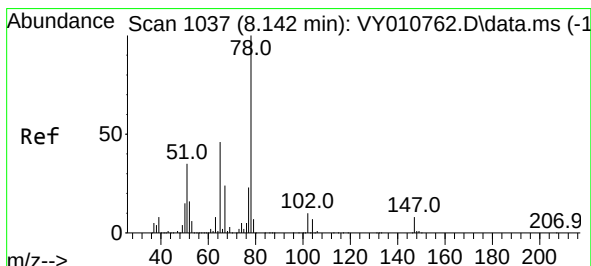
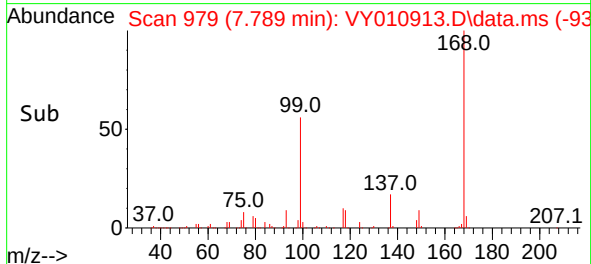
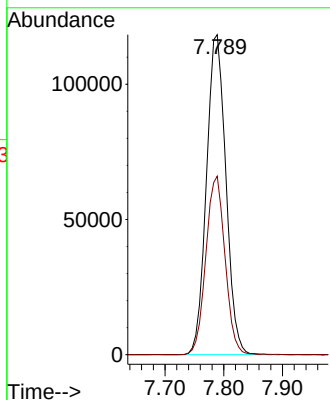
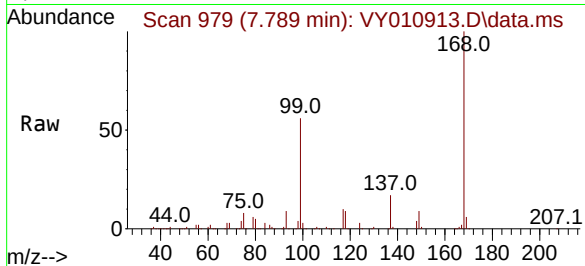




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010913.D
Acq: 11 Oct 2022 13:34

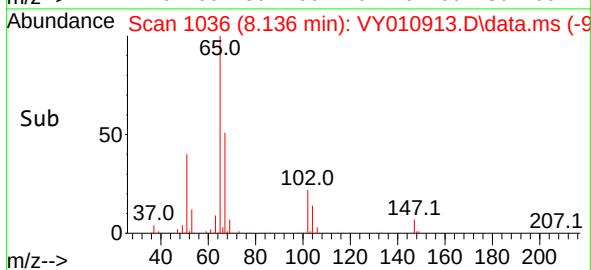
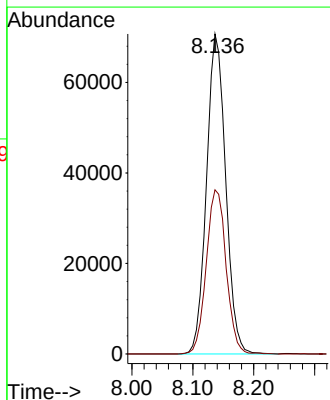
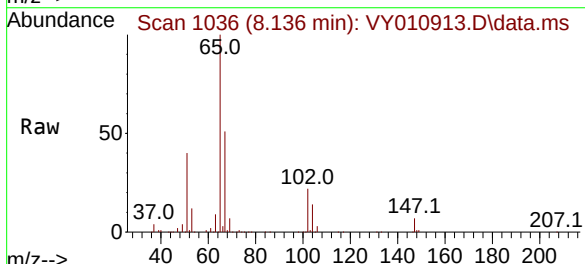
Instrument :
MSVOA_Y
ClientSampleId :
VOC

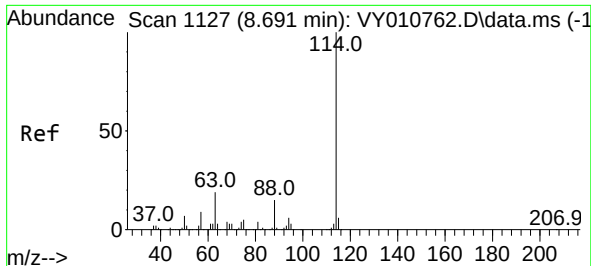
Tgt Ion:168 Resp: 271647
Ion Ratio Lower Upper
168 100
99 55.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.061 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010913.D
Acq: 11 Oct 2022 13:34

Tgt Ion: 65 Resp: 154364
Ion Ratio Lower Upper
65 100
67 53.3 0.0 99.4

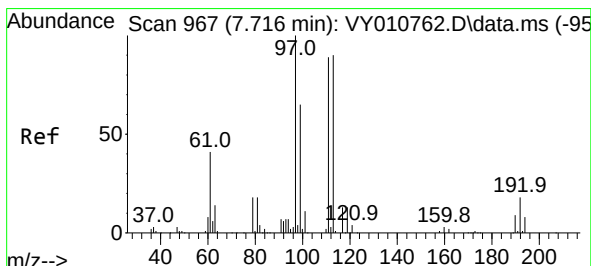
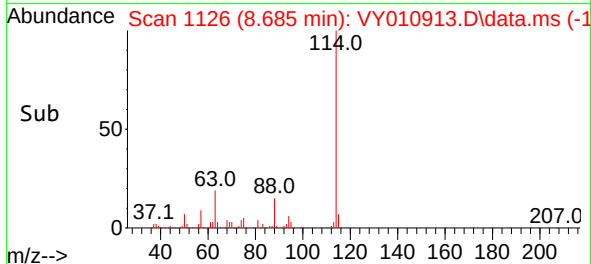
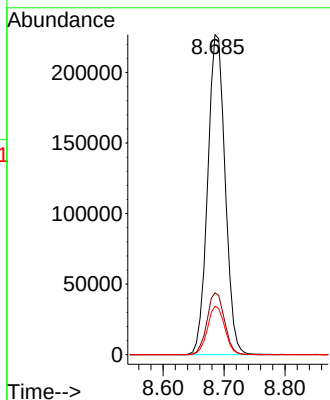
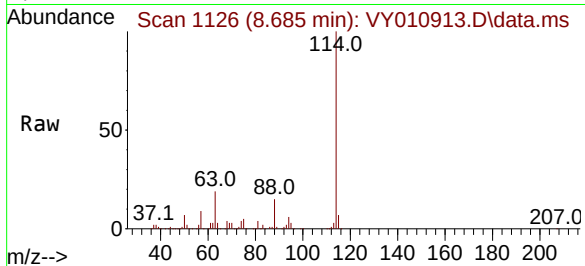




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY010913.D
Acq: 11 Oct 2022 13:34

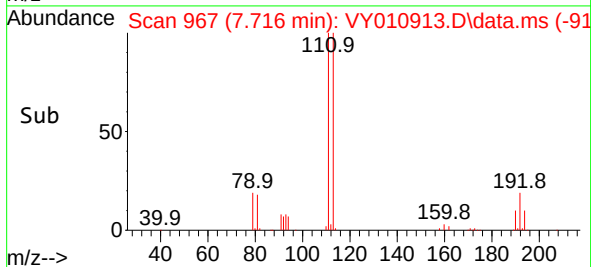
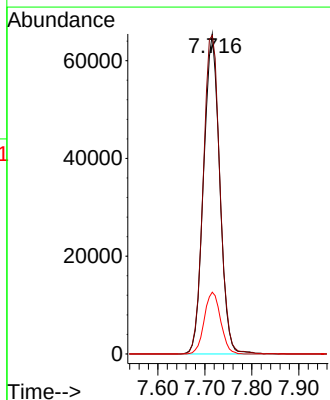
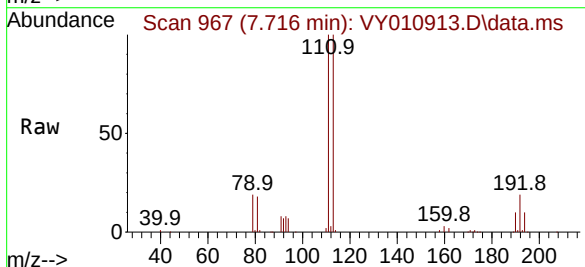
Instrument :
MSVOA_Y
ClientSampleId :
VOC

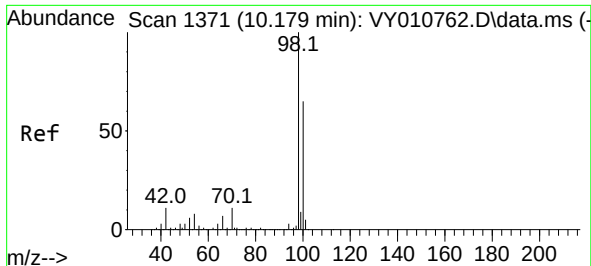
Tgt Ion:114 Resp: 451507
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.2
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.764 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY010913.D
Acq: 11 Oct 2022 13:34

Tgt Ion:113 Resp: 155145
Ion Ratio Lower Upper
113 100
111 103.0 82.6 124.0
192 19.6 17.6 26.4

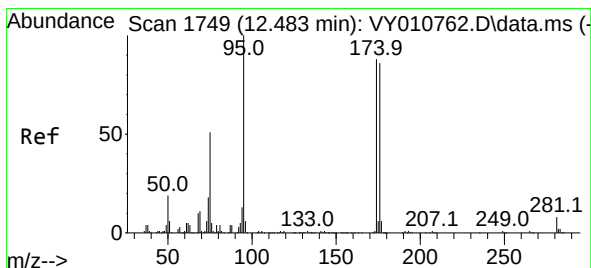
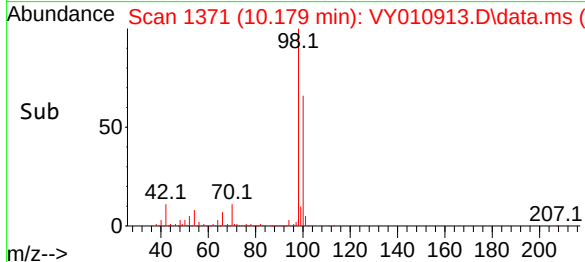
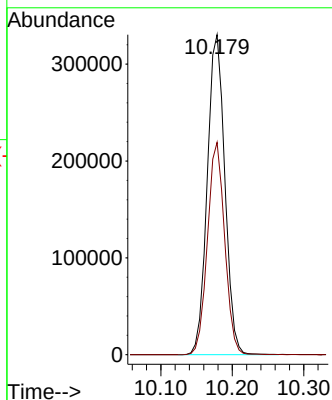
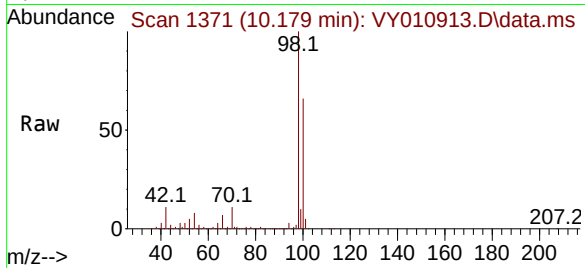




#50
Toluene-d8
Concen: 54.972 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010913.D
Acq: 11 Oct 2022 13:34

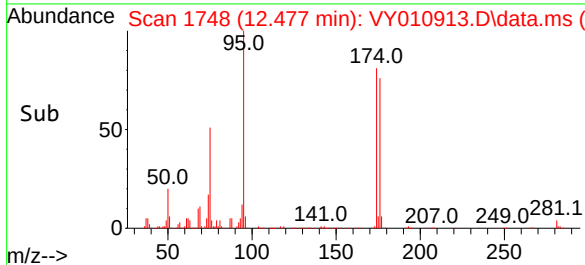
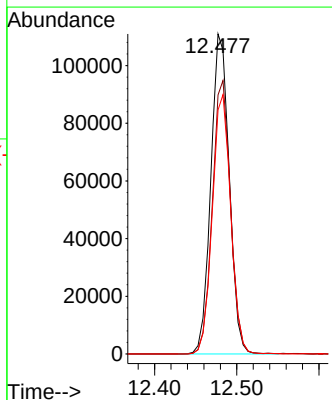
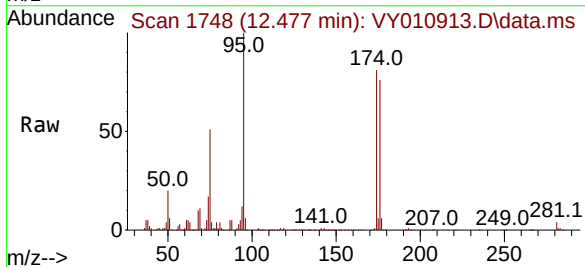
Instrument :
MSVOA_Y
ClientSampleId :
VOC

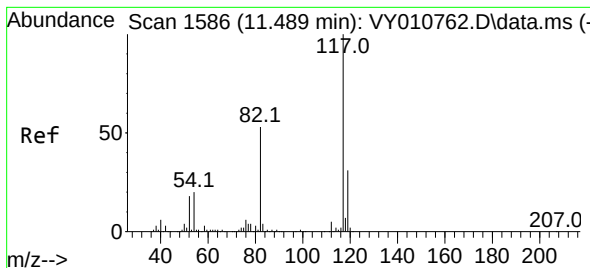
Tgt Ion: 98 Resp: 563451
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.502 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010913.D
Acq: 11 Oct 2022 13:34

Tgt Ion: 95 Resp: 172406
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 80.9 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010913.D

Acq: 11 Oct 2022 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VOC

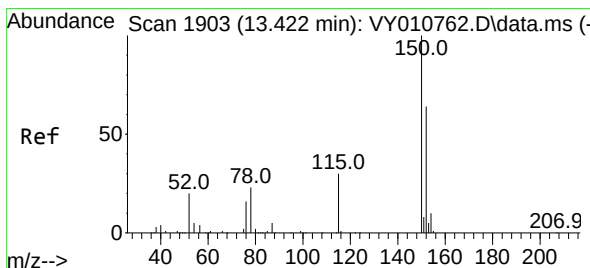
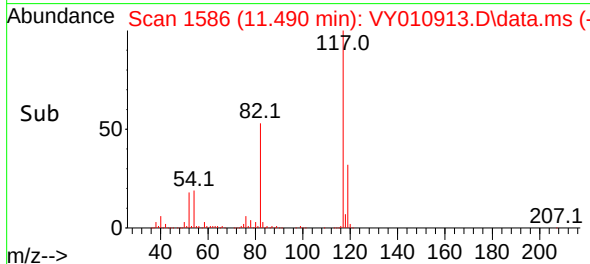
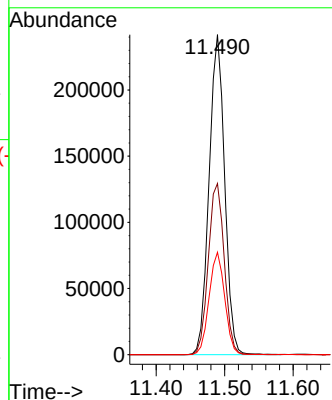
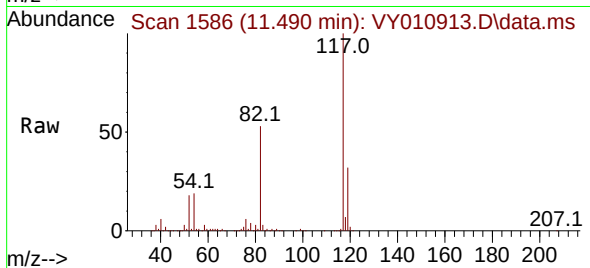
Tgt Ion:117 Resp: 382742

Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010913.D

Acq: 11 Oct 2022 13:34

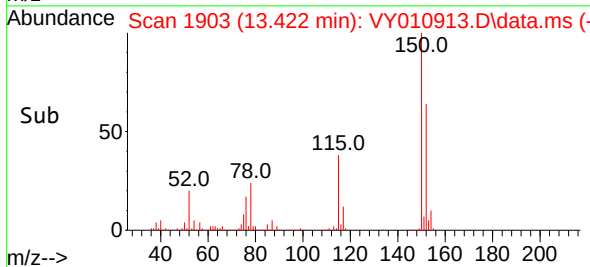
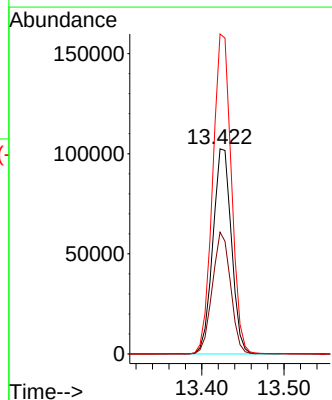
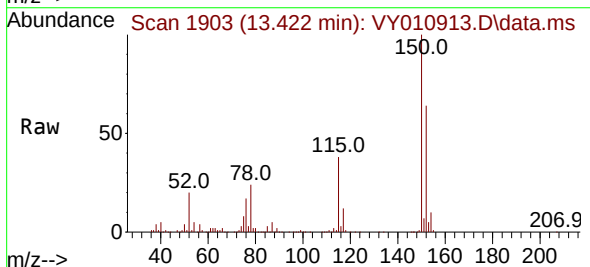
Tgt Ion:152 Resp: 160900

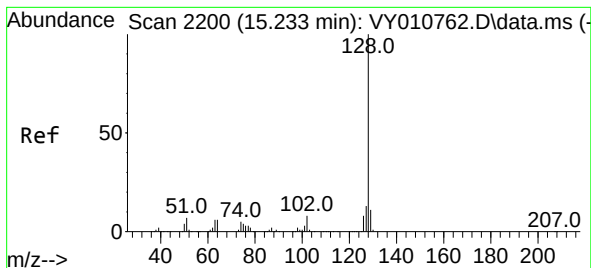
Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 156.6 0.0 347.6





#95

Naphthalene

Concen: 2.524 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY010913.D

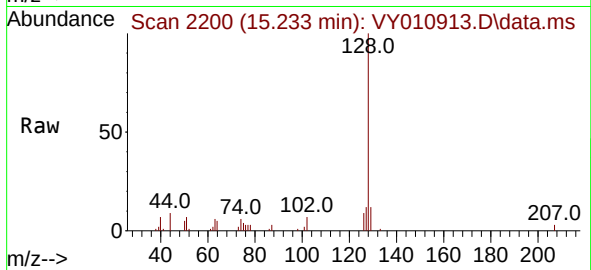
Acq: 11 Oct 2022 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VOC



Tgt Ion:128 Resp: 13552

Ion Ratio Lower Upper

128 100

127 12.8 11.0 16.4

129 12.2 8.4 12.6

