

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111522\
 Data File : VY011462.D
 Acq On : 15 Nov 2022 16:46
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Nov 16 00:22:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

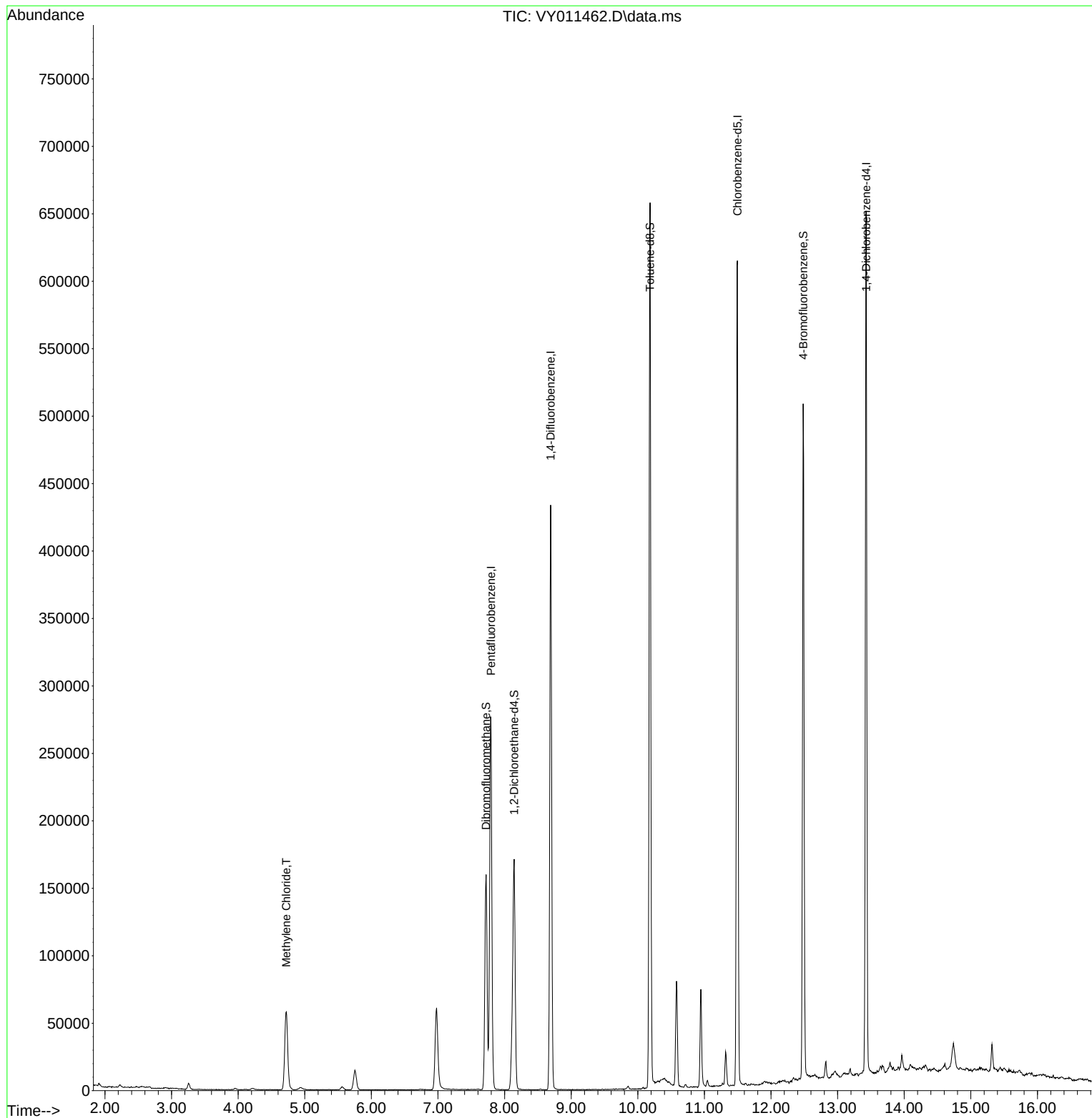
Internal Standards						
1) Pentafluorobenzene	7.795	168	229153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	387007	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	376802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	172731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114625	59.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.380%	
35) Dibromofluoromethane	7.722	113	116606	53.763	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.520%	
50) Toluene-d8	10.185	98	452044	54.557	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.120%	
62) 4-Bromofluorobenzene	12.483	95	156410	54.121	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.240%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	48585	11.935	ug/l #	81

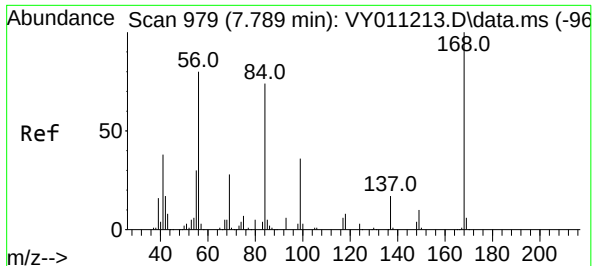
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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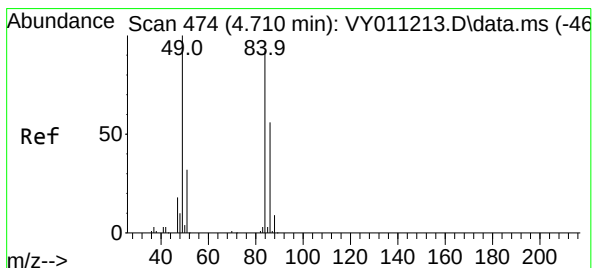
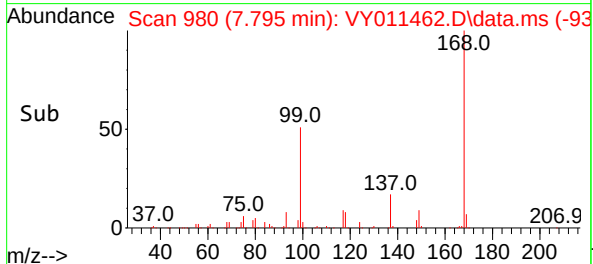
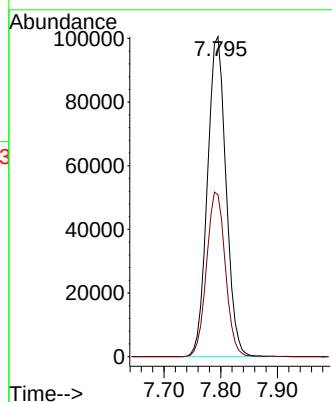
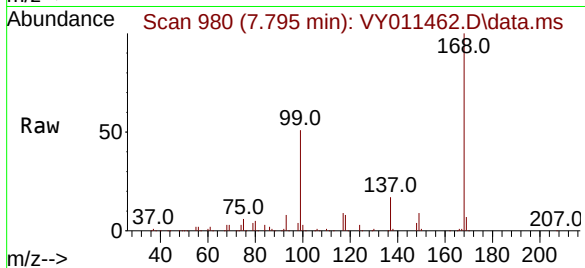




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

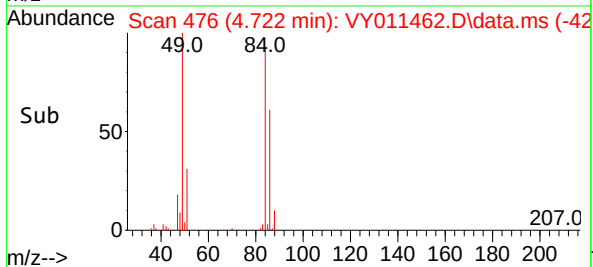
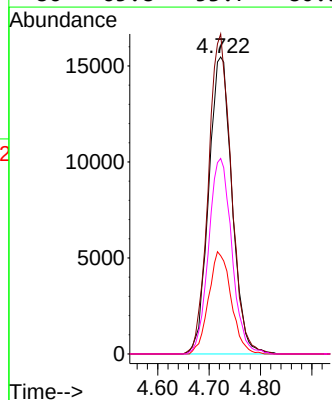
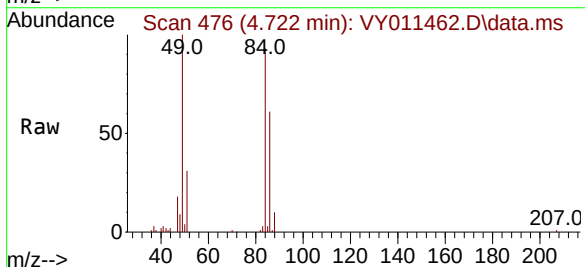
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

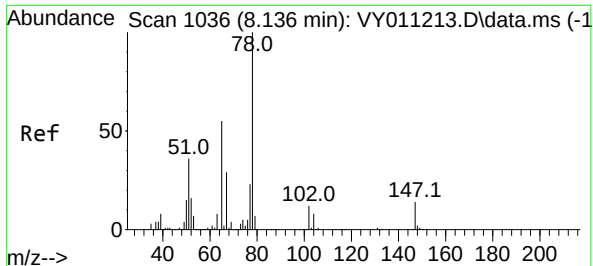
Tgt Ion:168 Resp: 229153
Ion Ratio Lower Upper
168 100
99 50.6 46.9 70.3



#20
Methylene Chloride
Concen: 11.935 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY011462.D
Acq: 15 Nov 2022 16:46

Tgt Ion: 84 Resp: 48585
Ion Ratio Lower Upper
84 100
49 107.8 114.4 171.6#
51 33.1 35.3 52.9#
86 65.8 53.7 80.5

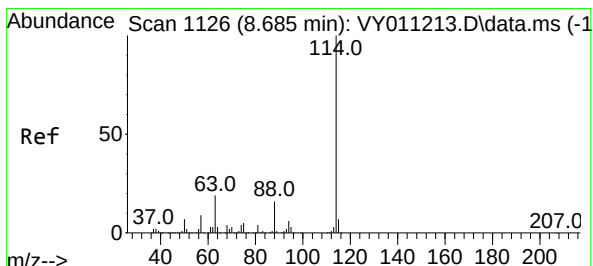
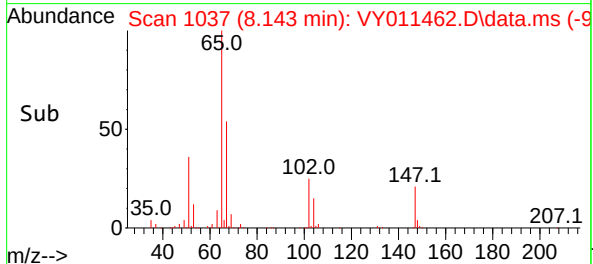
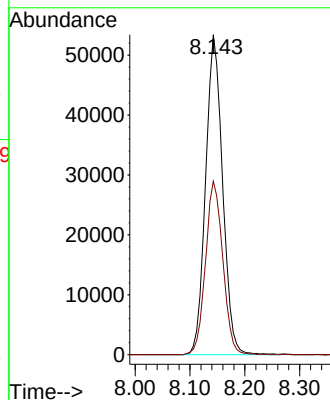
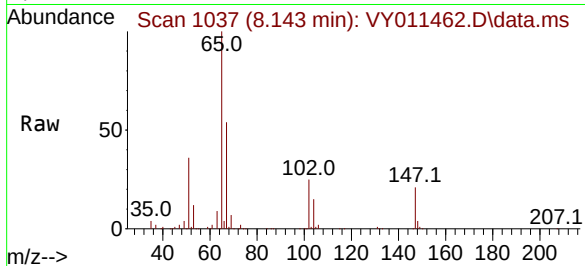




#33
 1,2-Dichloroethane-d4
 Concen: 59.693 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. 0.007 min
 Lab File: VY011462.D
 Acq: 15 Nov 2022 16:46

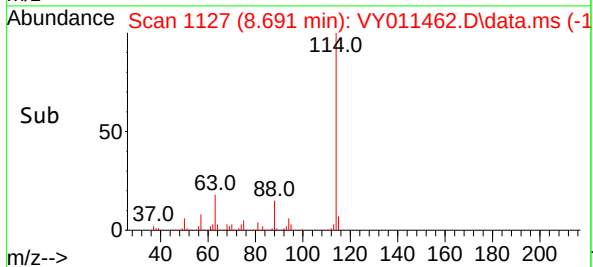
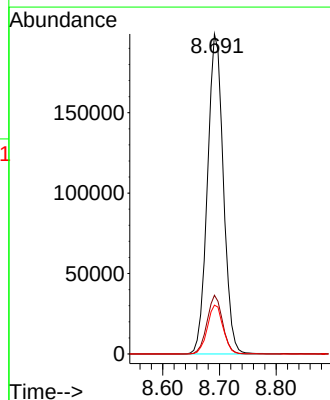
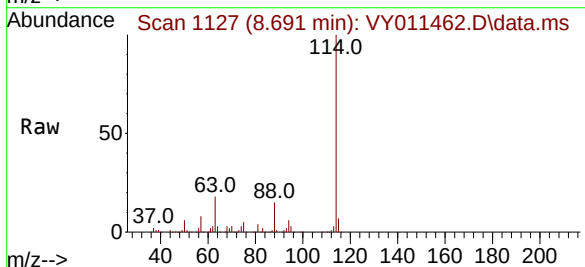
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

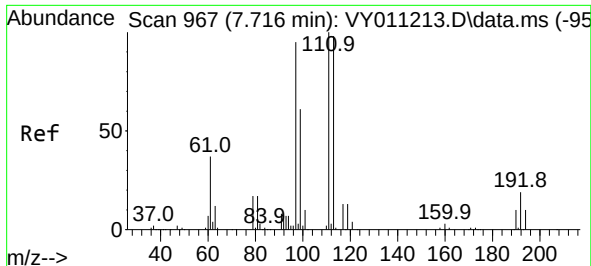
Tgt Ion: 65 Resp: 114625
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY011462.D
 Acq: 15 Nov 2022 16:46

Tgt Ion: 114 Resp: 387007
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 43.2
 88 15.3 0.0 31.8

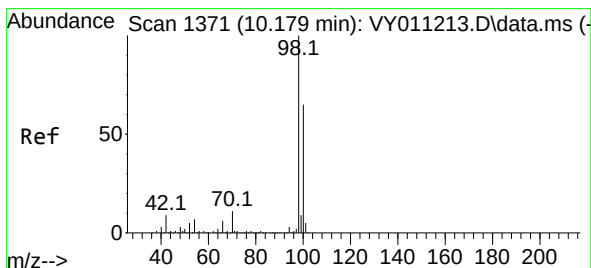
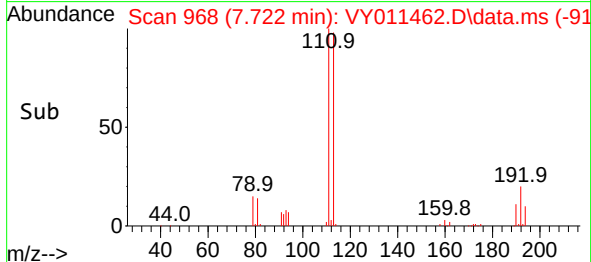
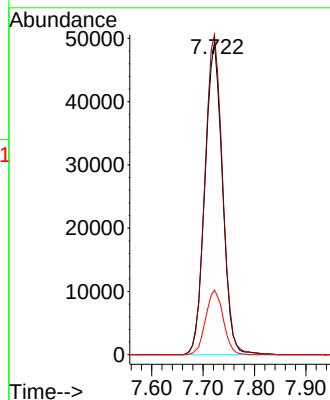
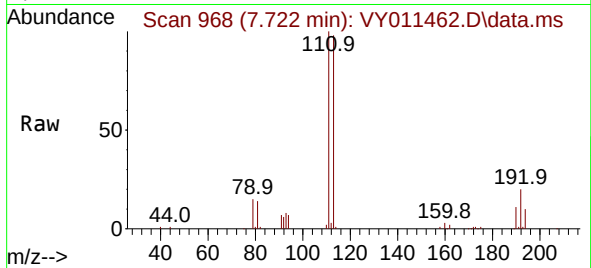




#35
 Dibromofluoromethane
 Concen: 53.763 ug/l
 RT: 7.722 min Scan# 91
 Delta R.T. 0.012 min
 Lab File: VY011462.D
 Acq: 15 Nov 2022 16:46

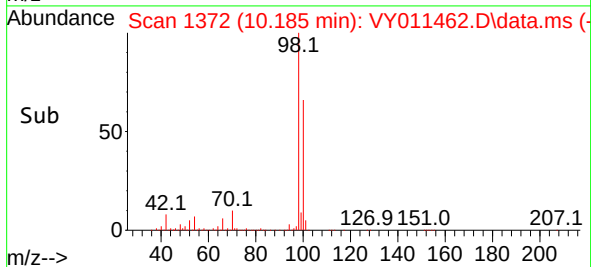
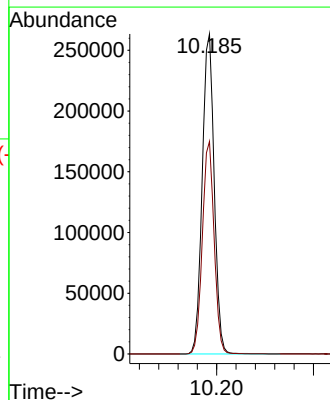
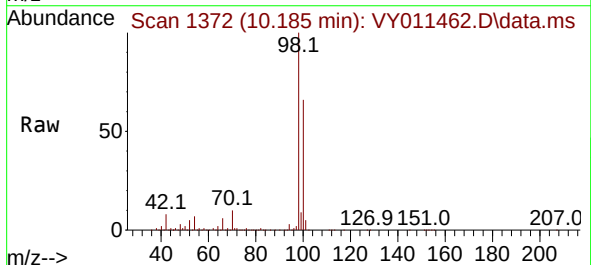
Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

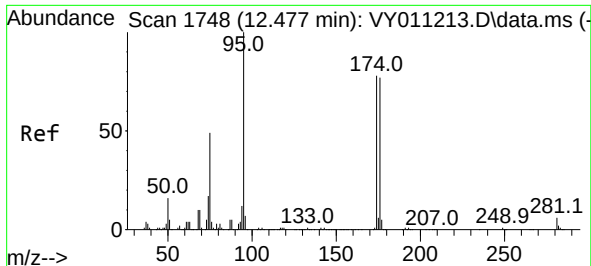
Tgt Ion:113 Resp: 116606
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.6 124.0
 192 20.8 17.6 26.4



#50
 Toluene-d8
 Concen: 54.557 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.006 min
 Lab File: VY011462.D
 Acq: 15 Nov 2022 16:46

Tgt Ion: 98 Resp: 452044
 Ion Ratio Lower Upper
 98 100
 100 65.5 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 54.121 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY011462.D

Acq: 15 Nov 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

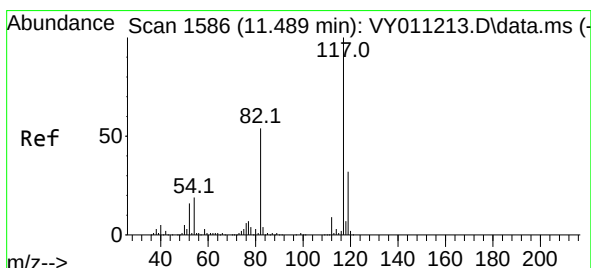
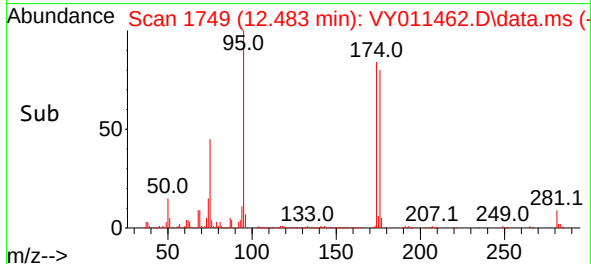
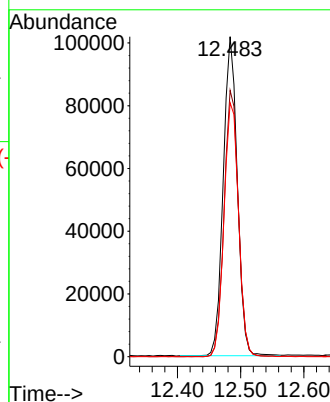
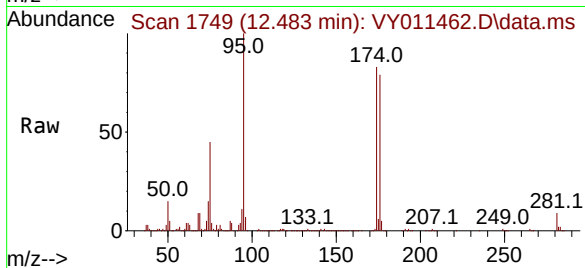
Tgt Ion: 95 Resp: 156410

Ion Ratio Lower Upper

95 100

174 85.2 0.0 177.0

176 82.4 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. 0.006 min

Lab File: VY011462.D

Acq: 15 Nov 2022 16:46

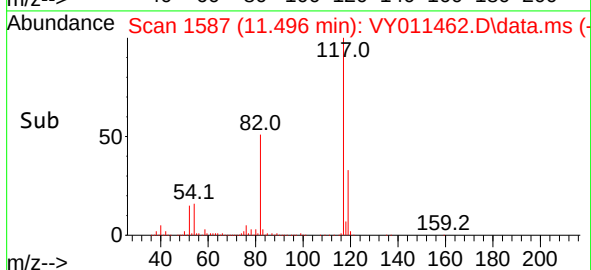
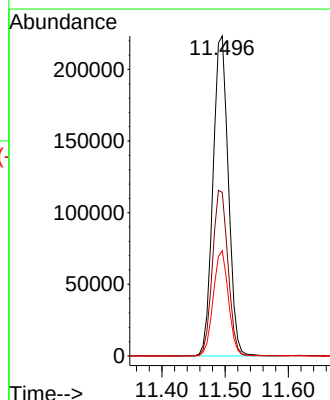
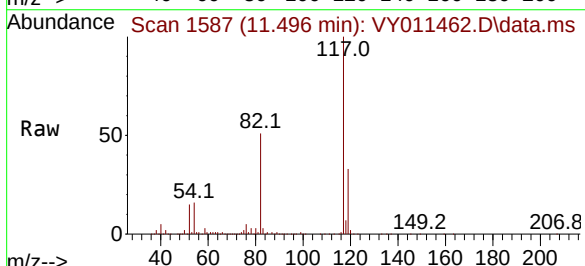
Tgt Ion: 117 Resp: 376802

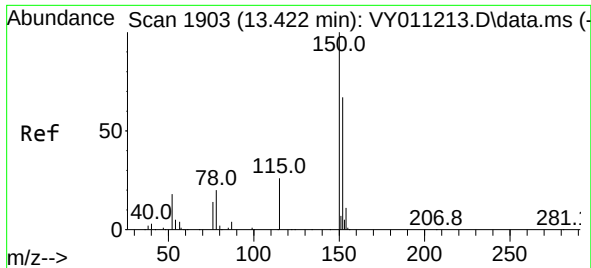
Ion Ratio Lower Upper

117 100

82 51.1 43.0 64.4

119 32.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY011462.D

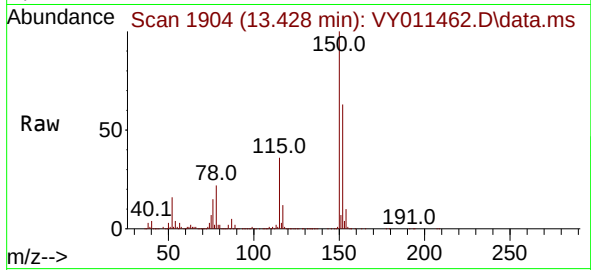
Acq: 15 Nov 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK



Tgt Ion:152 Resp: 172731

Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 156.8 0.0 347.6

