

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011229.D
 Acq On : 01 Nov 2022 17:58
 Operator : KP/MD
 Sample : N5380-07
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C

Quant Time: Nov 02 01:43:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

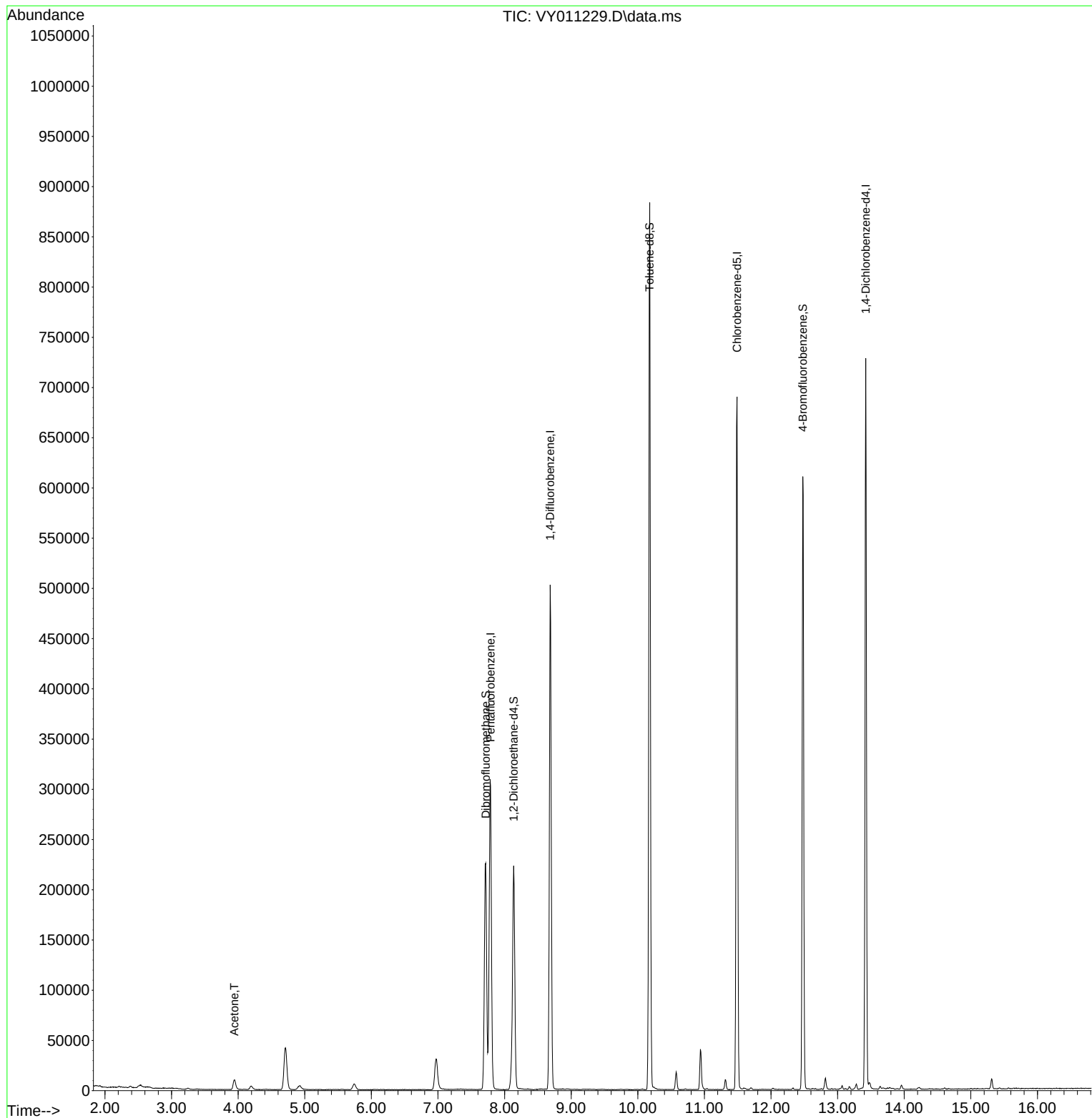
Internal Standards						
1) Pentafluorobenzene	7.789	168	246253	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	436352	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	395169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	185570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160412	60.908	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.820%	
35) Dibromofluoromethane	7.716	113	165984	59.205	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.420%	
50) Toluene-d8	10.179	98	580248	53.307	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.620%	
62) 4-Bromofluorobenzene	12.477	95	196204	51.922	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.840%	
Target Compounds						
16) Acetone	3.942	43	17125	21.541	ug/l	Qvalue # 84

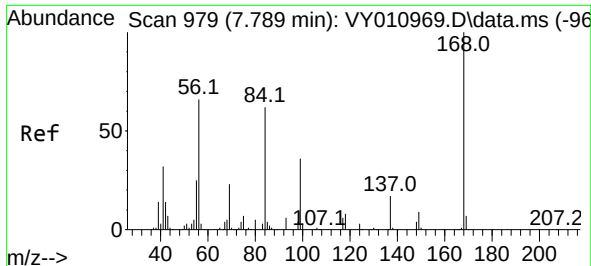
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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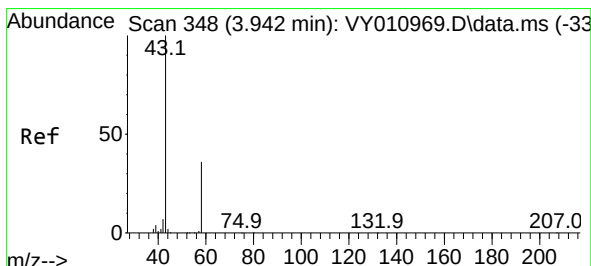
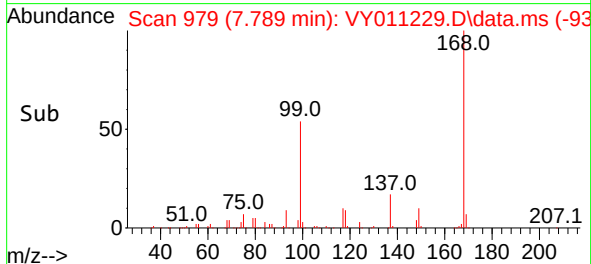
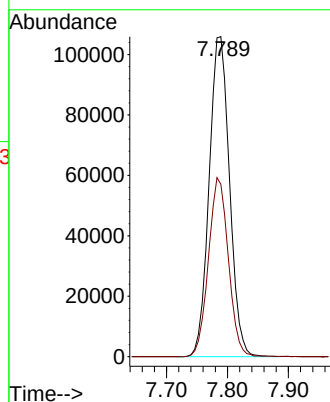
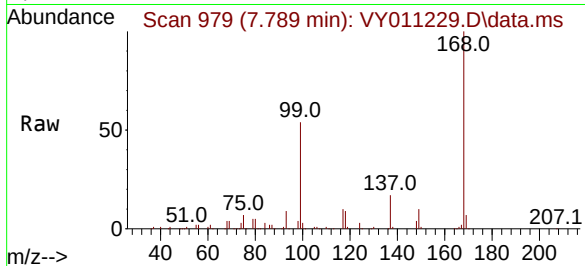




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011229.D
Acq: 01 Nov 2022 17:58

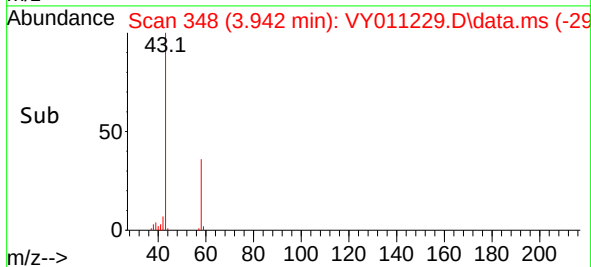
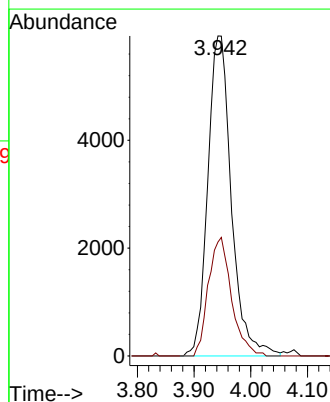
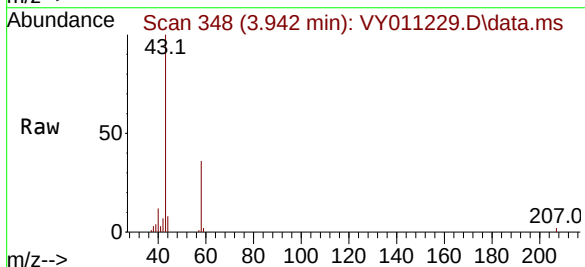
Instrument :
MSVOA_Y
ClientSampleId :
TP-C

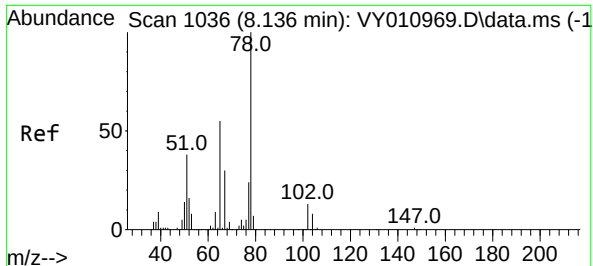
Tgt Ion:168 Resp: 246253
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#16
Acetone
Concen: 21.541 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011229.D
Acq: 01 Nov 2022 17:58

Tgt Ion: 43 Resp: 17125
Ion Ratio Lower Upper
43 100
58 35.6 22.0 33.0#

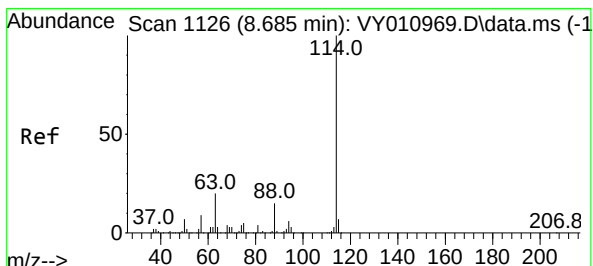
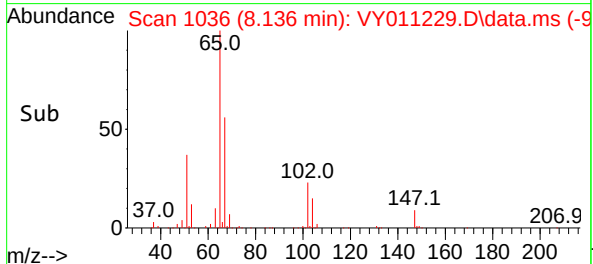
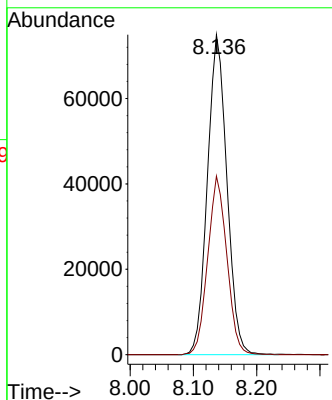
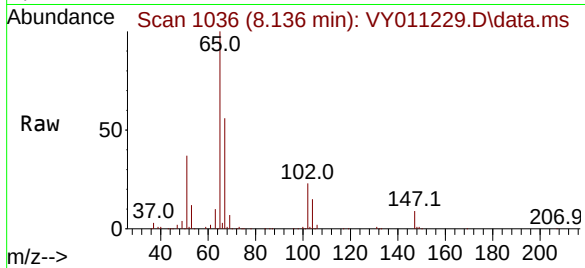




#33
 1,2-Dichloroethane-d4
 Concen: 60.908 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY011229.D
 Acq: 01 Nov 2022 17:58

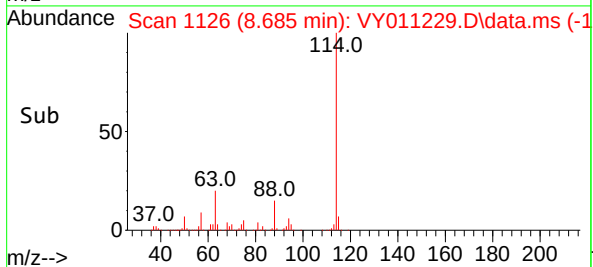
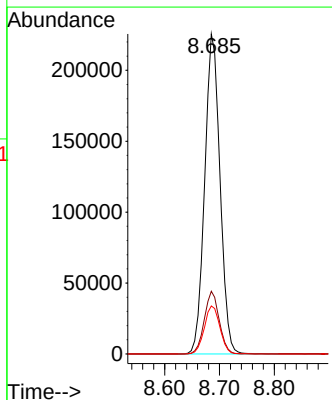
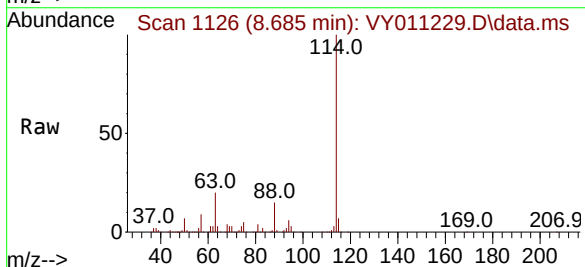
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-C

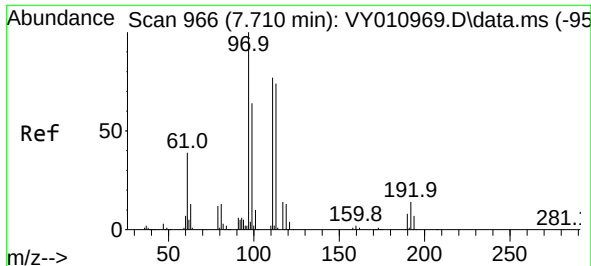
Tgt Ion: 65 Resp: 160412
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY011229.D
 Acq: 01 Nov 2022 17:58

Tgt Ion: 114 Resp: 436352
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.2
 88 15.0 0.0 31.8

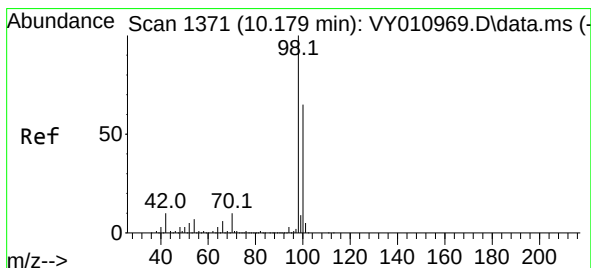
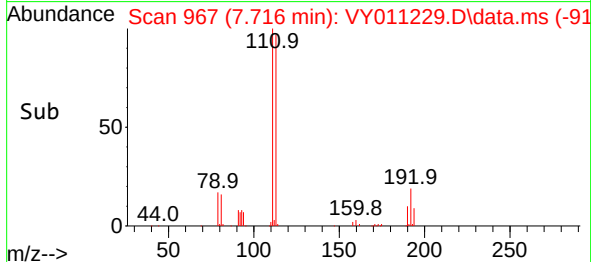
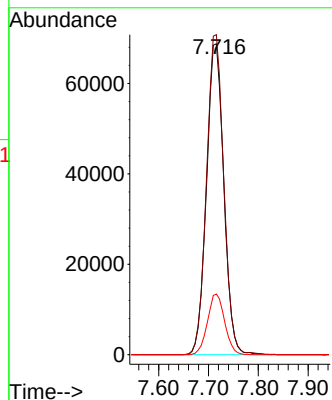
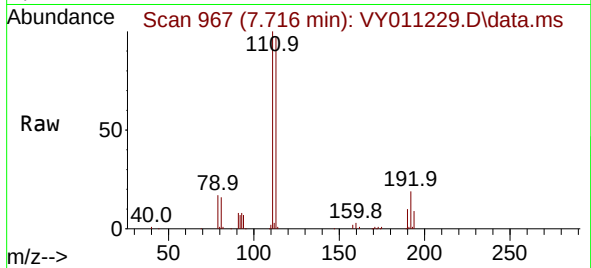




#35
Dibromofluoromethane
Concen: 59.205 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011229.D
Acq: 01 Nov 2022 17:58

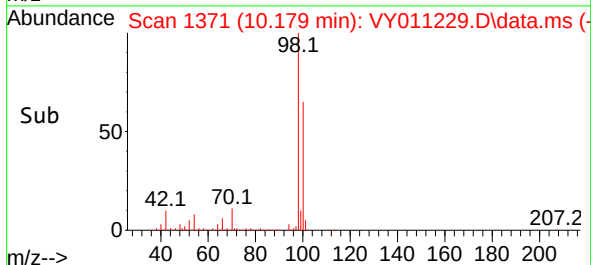
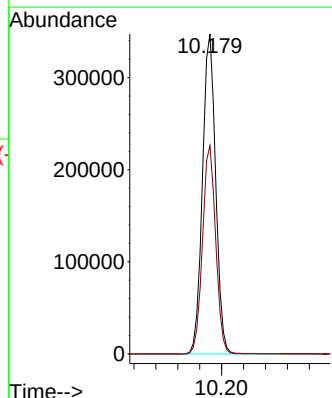
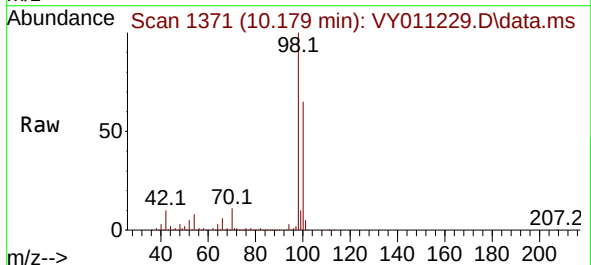
Instrument :
MSVOA_Y
ClientSampleId :
TP-C

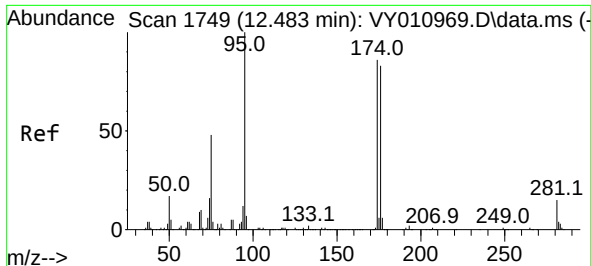
Tgt Ion:113 Resp: 165984
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 19.3 17.6 26.4



#50
Toluene-d8
Concen: 53.307 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011229.D
Acq: 01 Nov 2022 17:58

Tgt Ion: 98 Resp: 580248
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 51.922 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY011229.D

Acq: 01 Nov 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-C

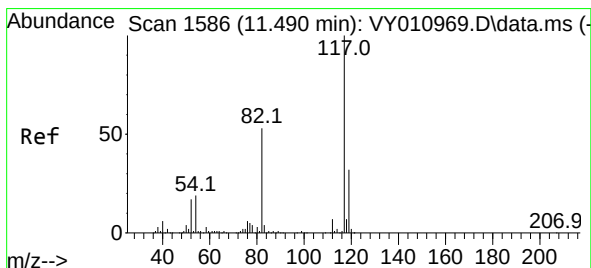
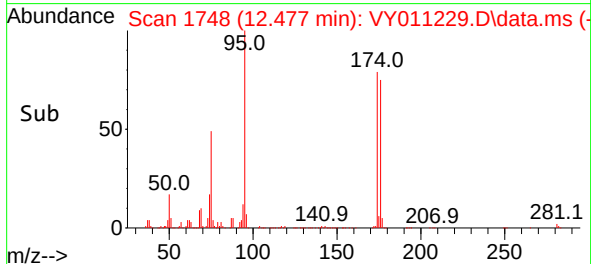
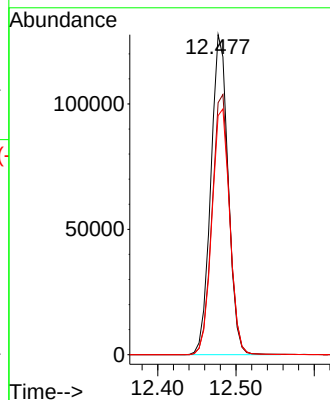
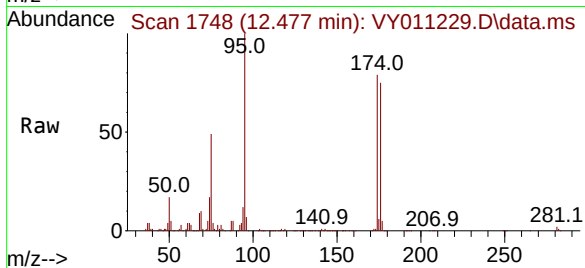
Tgt Ion: 95 Resp: 196204

Ion Ratio Lower Upper

95 100

174 82.6 0.0 177.0

176 79.1 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY011229.D

Acq: 01 Nov 2022 17:58

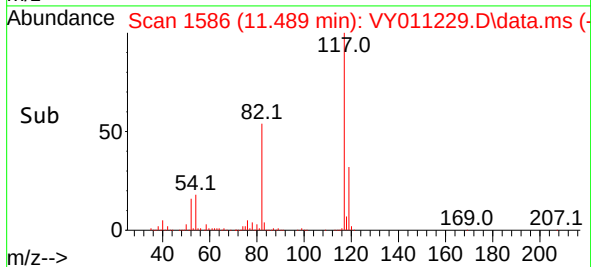
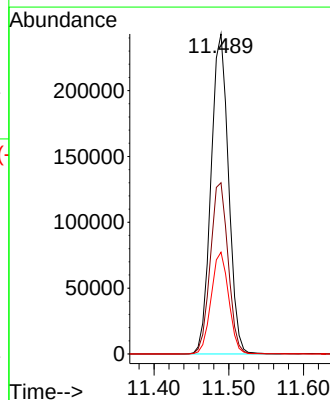
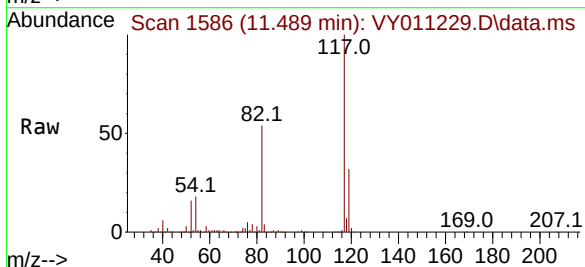
Tgt Ion: 117 Resp: 395169

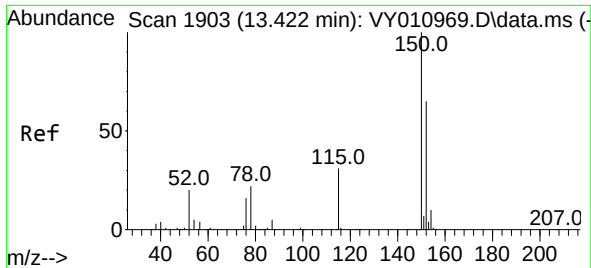
Ion Ratio Lower Upper

117 100

82 53.5 43.0 64.4

119 31.8 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: VY011229.D

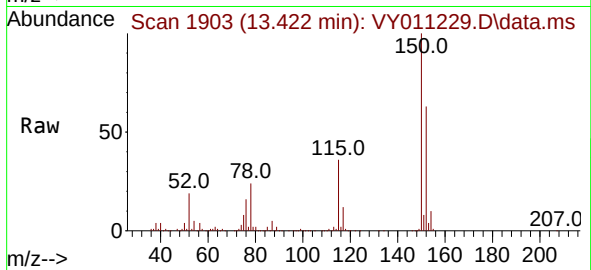
Acq: 01 Nov 2022 17:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-C



Tgt Ion:152 Resp: 185570

Ion Ratio Lower Upper

152 100

115 58.5 28.2 84.7

150 156.9 0.0 347.6

