

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122222\
 Data File : VY011977.D
 Acq On : 22 Dec 2022 16:12
 Operator : KP/MD
 Sample : N6163-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-122022RE

Quant Time: Dec 23 04:32:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

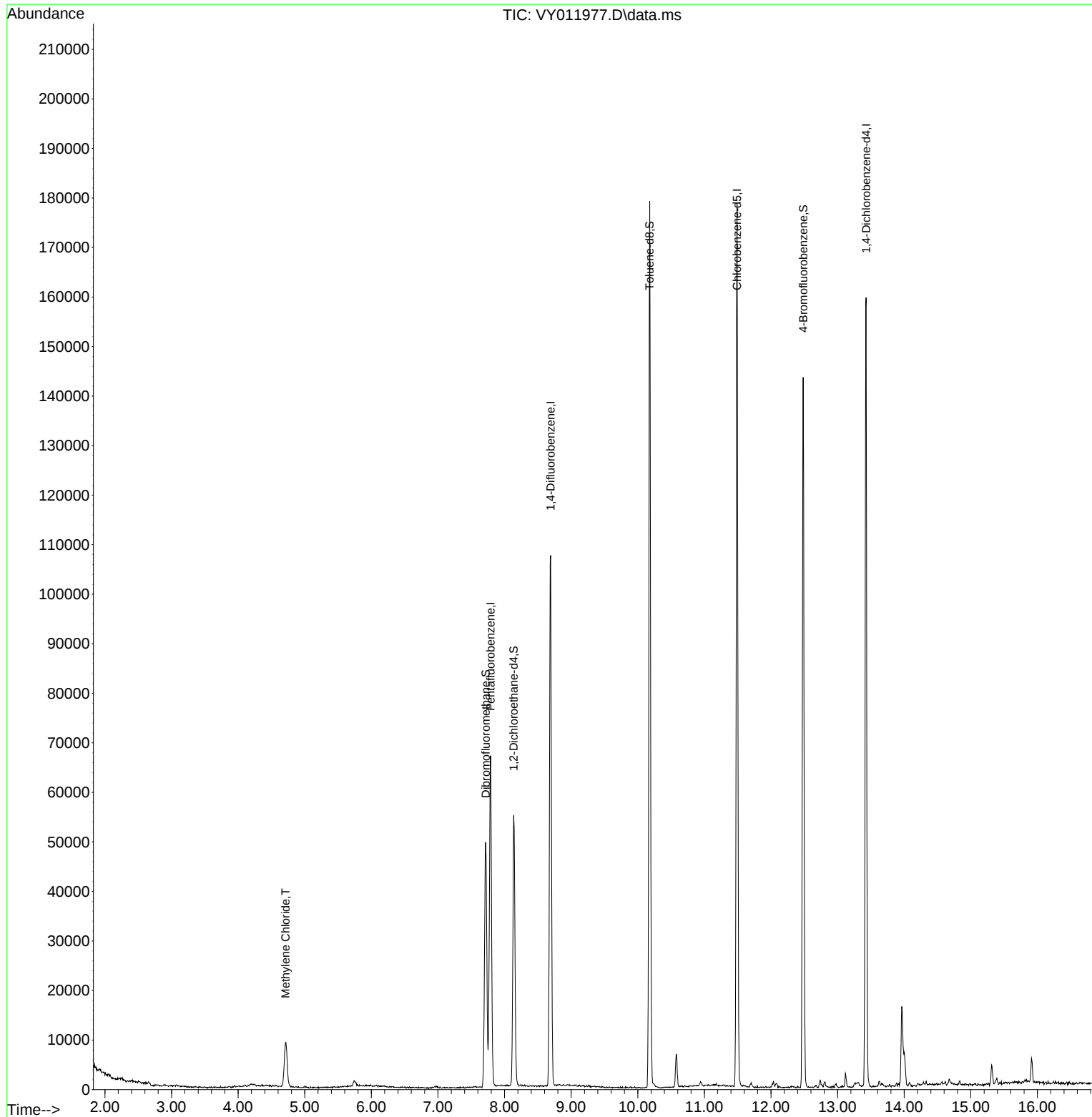
Internal Standards						
1) Pentafluorobenzene	7.789	168	51822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	95260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	99198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	44308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	43182	82.709	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 165.420%#		
35) Dibromofluoromethane	7.716	113	35322	61.591	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 123.180%		
50) Toluene-d8	10.179	98	118958	51.125	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 102.260%		
62) 4-Bromofluorobenzene	12.483	95	40435	51.671	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 103.340%		
Target Compounds						
20) Methylene Chloride	4.710	84	7164	6.708	ug/l	Qvalue 94

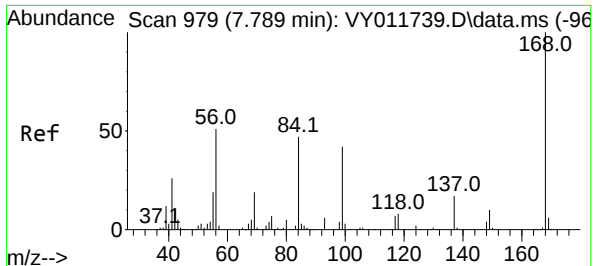
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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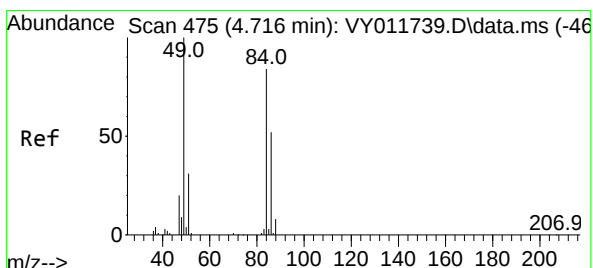
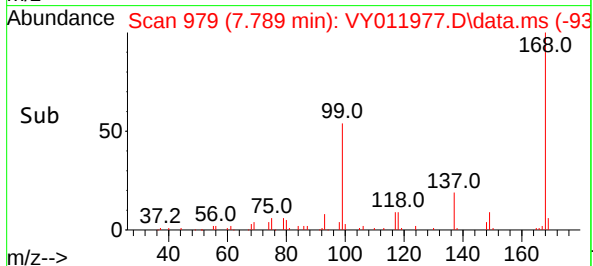
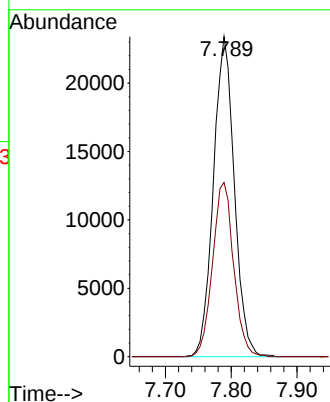
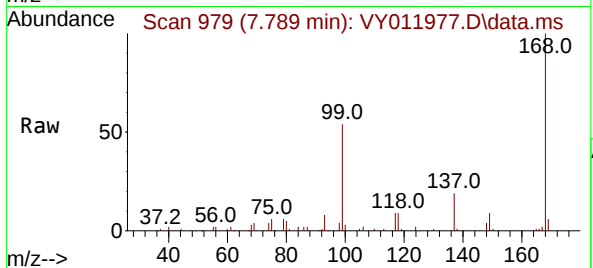




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

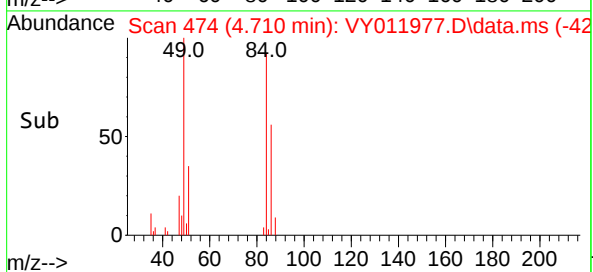
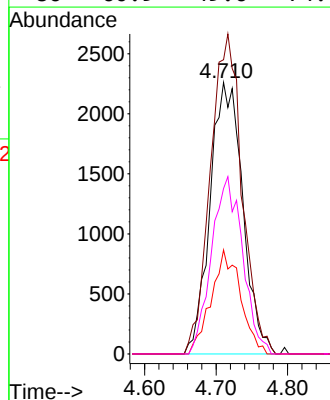
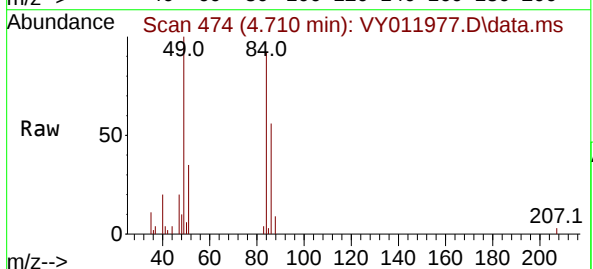
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-122022RE

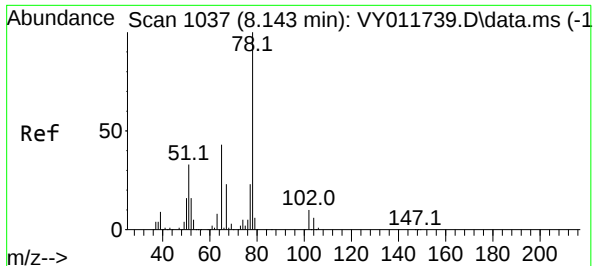
Tgt Ion:168 Resp: 51822
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#20
Methylene Chloride
Concen: 6.708 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Tgt Ion: 84 Resp: 7164
Ion Ratio Lower Upper
84 100
49 108.4 95.4 143.2
51 38.3 29.9 44.9
86 60.9 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 82.709 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY011977.D

Acq: 22 Dec 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

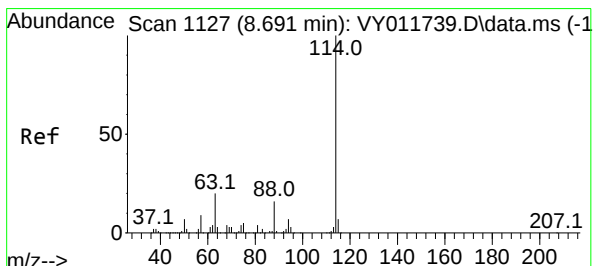
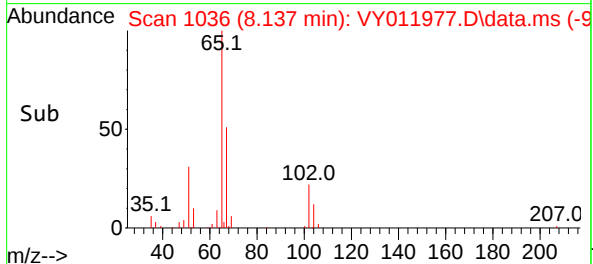
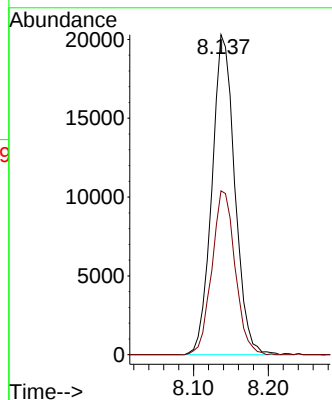
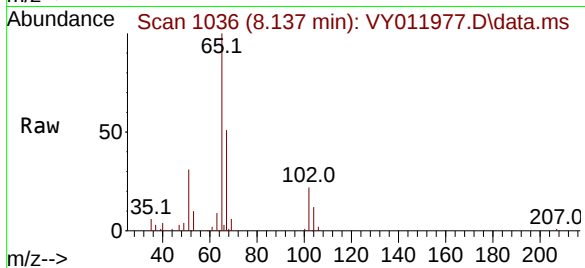
TR-06-122022RE

Tgt Ion: 65 Resp: 43182

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY011977.D

Acq: 22 Dec 2022 16:12

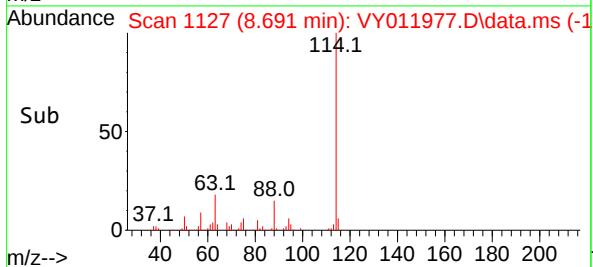
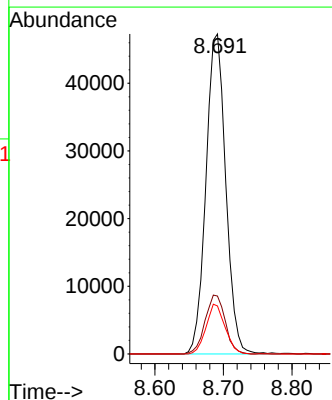
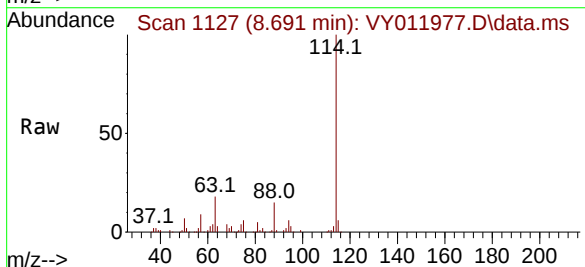
Tgt Ion:114 Resp: 95260

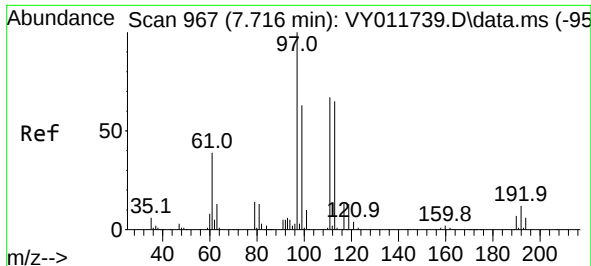
Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 15.0 0.0 32.2

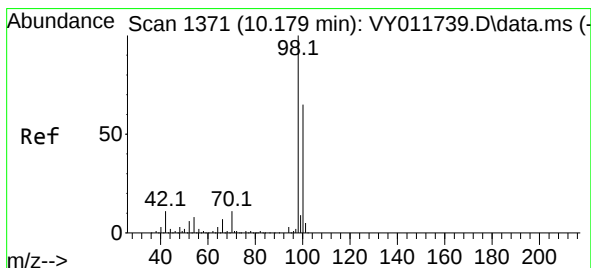
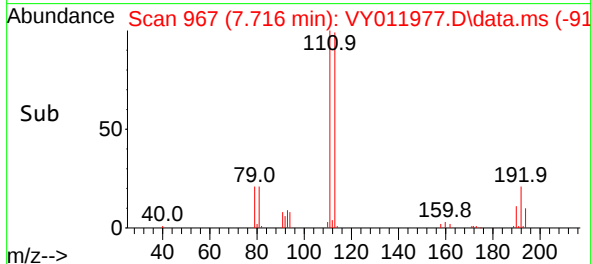
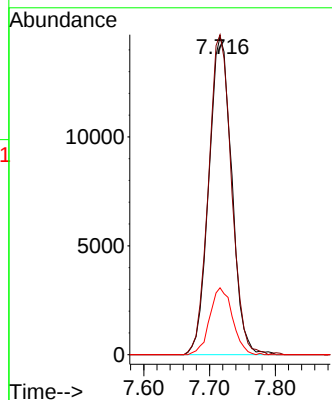
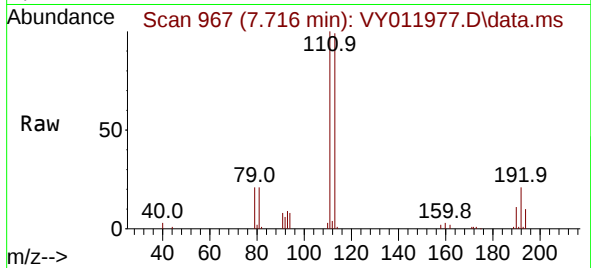




#35
Dibromofluoromethane
Concen: 61.591 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

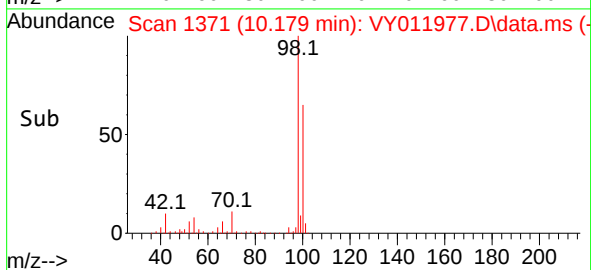
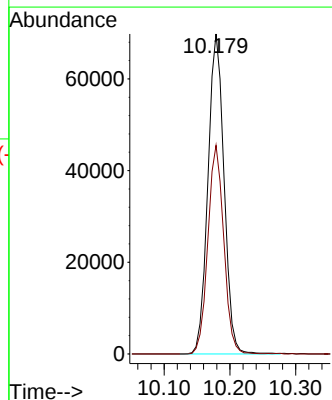
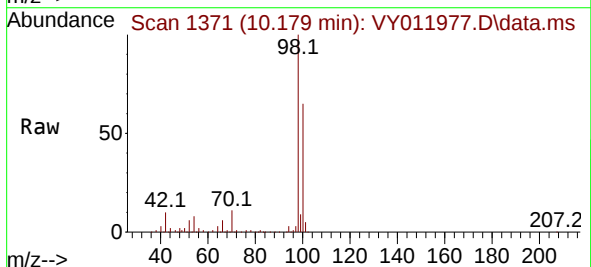
Instrument :
MSVOA_Y
ClientSampleId :
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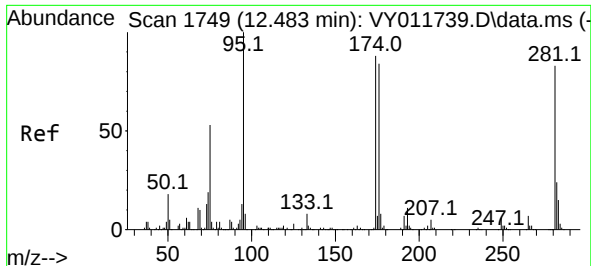
Tgt Ion:113 Resp: 35322
Ion Ratio Lower Upper
113 100
111 100.7 83.0 124.4
192 20.9 16.0 24.0



#50
Toluene-d8
Concen: 51.125 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Tgt Ion: 98 Resp: 118958
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9

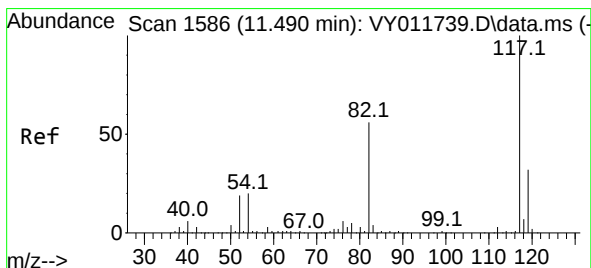
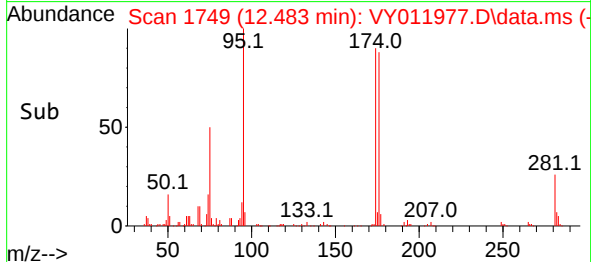
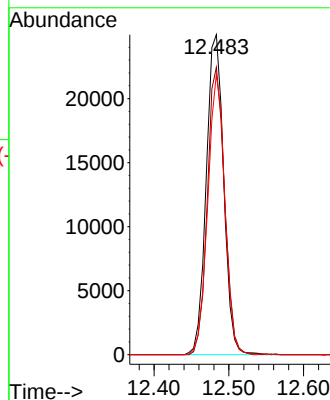
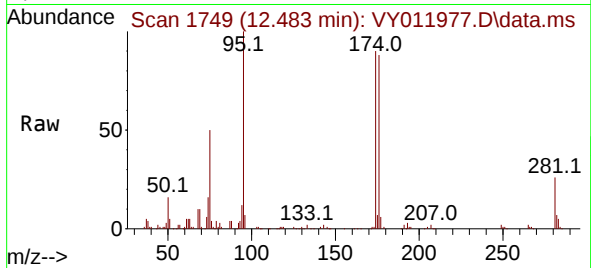




#62
4-Bromofluorobenzene
Concen: 51.671 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

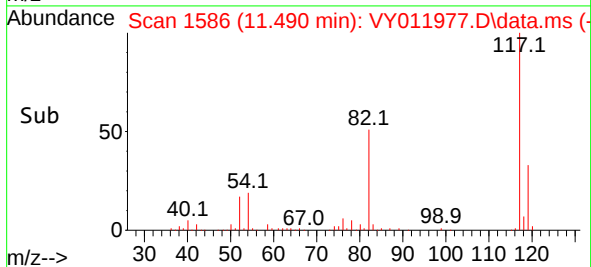
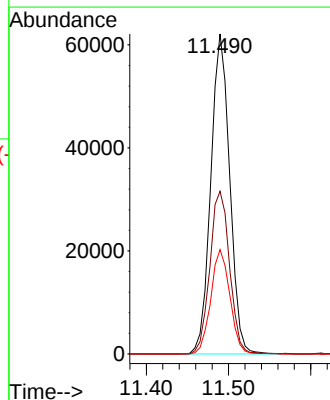
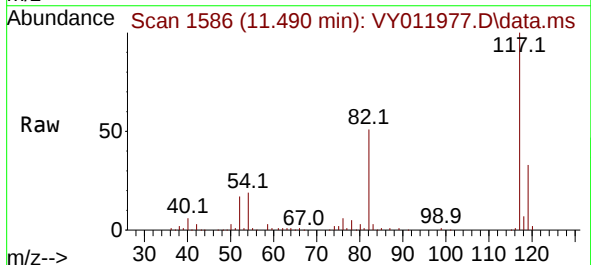
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-122022RE

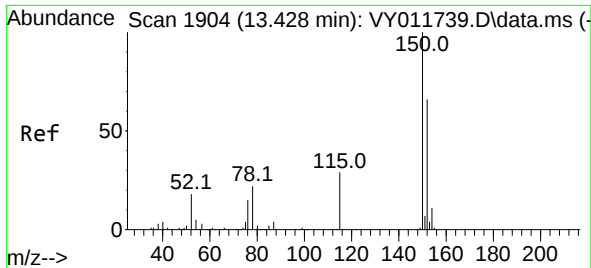
Tgt Ion: 95 Resp: 40435
Ion Ratio Lower Upper
95 100
174 88.9 0.0 172.0
176 85.9 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY011977.D
Acq: 22 Dec 2022 16:12

Tgt Ion: 117 Resp: 99198
Ion Ratio Lower Upper
117 100
82 50.8 44.8 67.2
119 32.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY011977.D

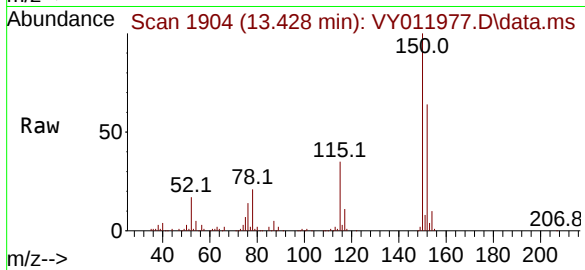
Acq: 22 Dec 2022 16:12

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-122022RE



Tgt Ion:152 Resp: 44308

Ion Ratio Lower Upper

152 100

115 56.4 29.1 87.3

150 155.2 0.0 342.6

