

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
 Data File : VY011202.D
 Acq On : 31 Oct 2022 17:11
 Operator : KP/MD
 Sample : N5371-01
 Misc : 6.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-6-WC

Quant Time: Nov 01 02:45:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

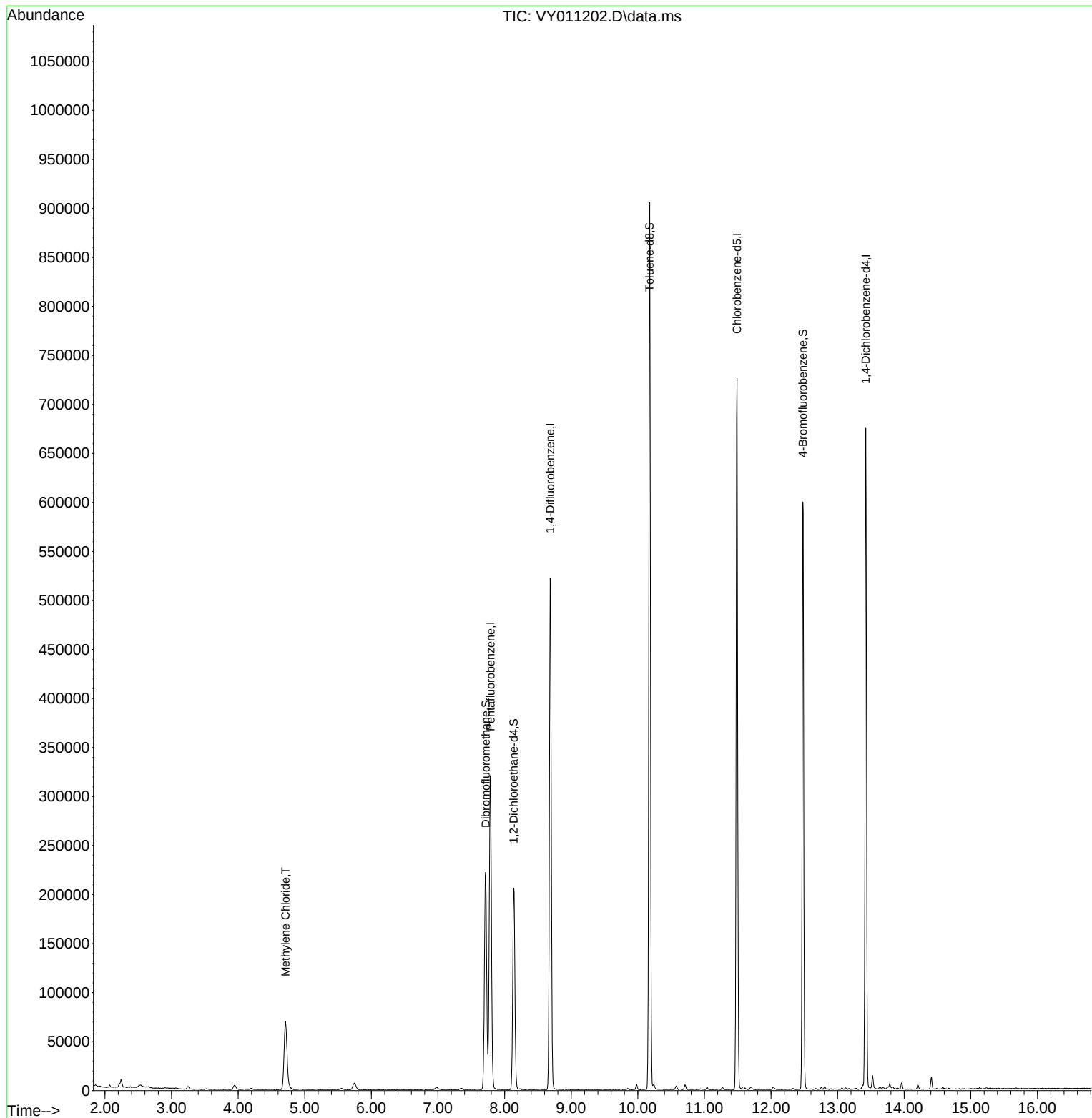
Internal Standards						
1) Pentafluorobenzene	7.789	168	249295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	452037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	398165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	162283	62.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.920%	
35) Dibromofluoromethane	7.716	113	159505	57.379	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.760%	
50) Toluene-d8	10.179	98	591177	53.680	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.477	95	186664	51.801	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.600%	
Target Compounds						
20) Methylene Chloride	4.710	84	54657	16.466	ug/l	Qvalue 86

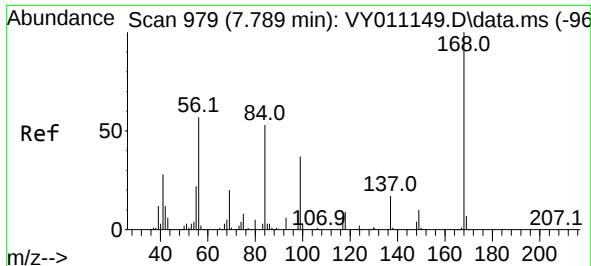
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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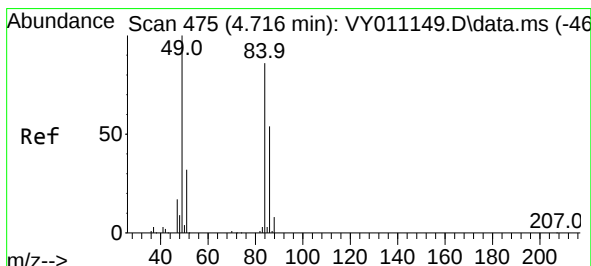
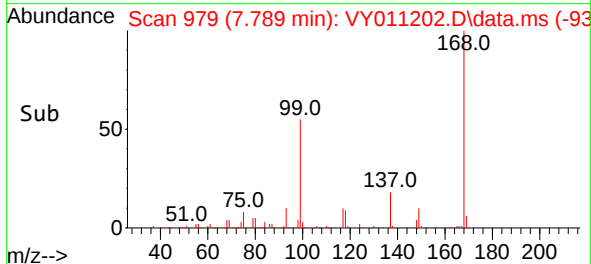
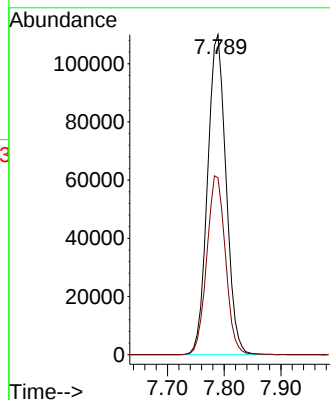
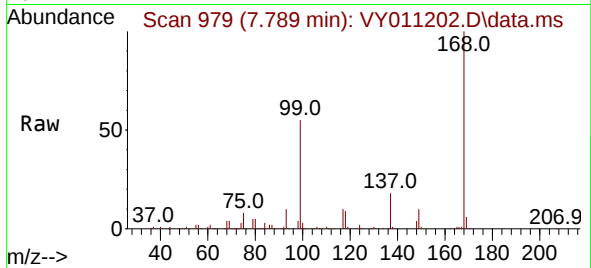




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011202.D
Acq: 31 Oct 2022 17:11

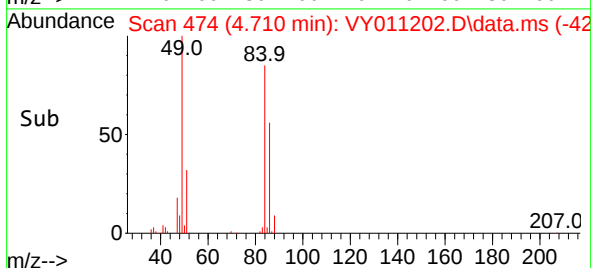
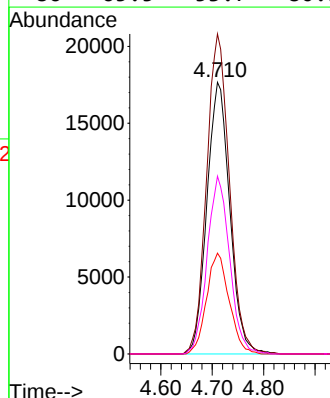
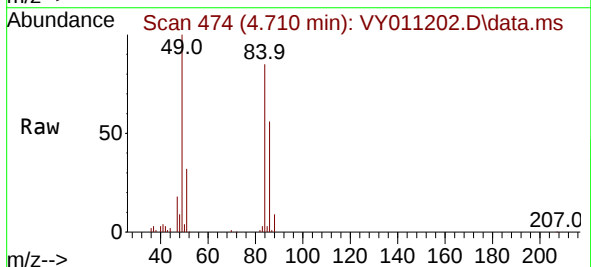
Instrument :
MSVOA_Y
ClientSampleId :
MH-6-WC

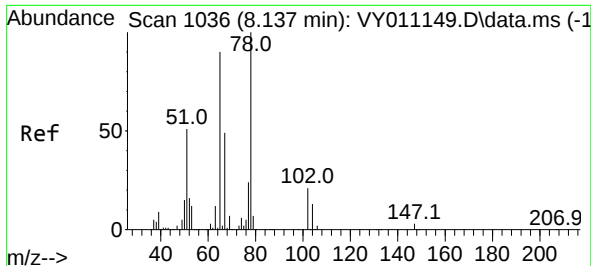
Tgt Ion:168 Resp: 249295
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#20
Methylene Chloride
Concen: 16.466 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011202.D
Acq: 31 Oct 2022 17:11

Tgt Ion: 84 Resp: 54657
Ion Ratio Lower Upper
84 100
49 117.8 114.4 171.6
51 37.1 35.3 52.9
86 65.5 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 62.955 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY011202.D

Acq: 31 Oct 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

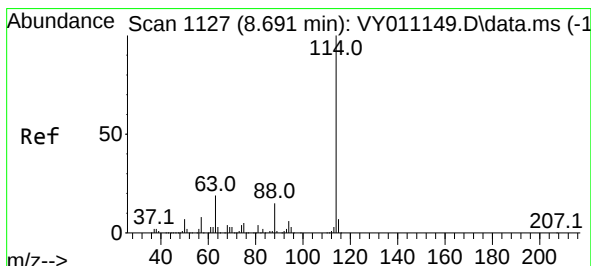
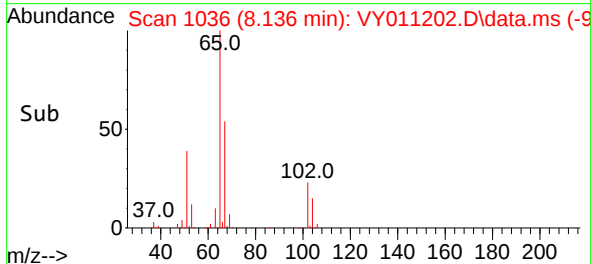
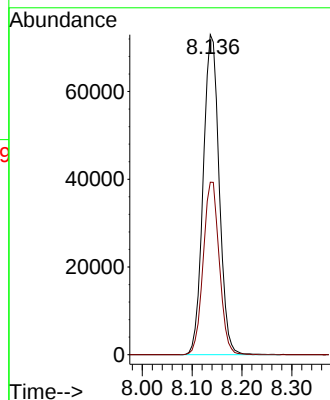
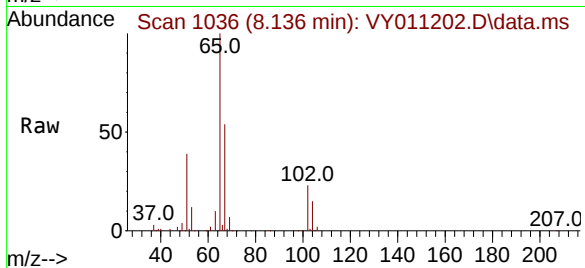
MH-6-WC

Tgt Ion: 65 Resp: 162283

Ion Ratio Lower Upper

65 100

67 54.3 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: VY011202.D

Acq: 31 Oct 2022 17:11

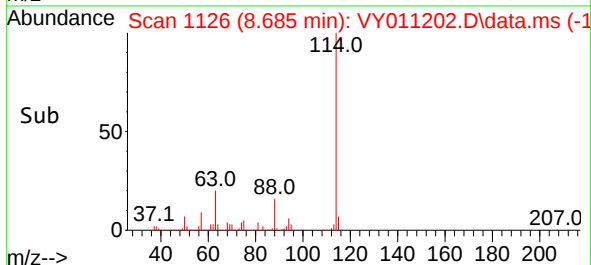
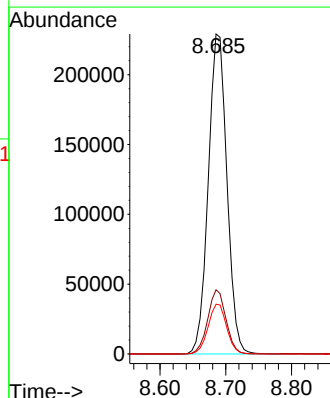
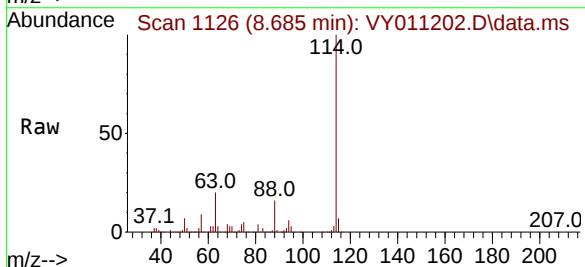
Tgt Ion: 114 Resp: 452037

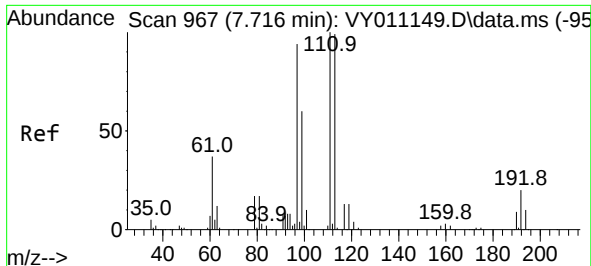
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.6 0.0 31.8

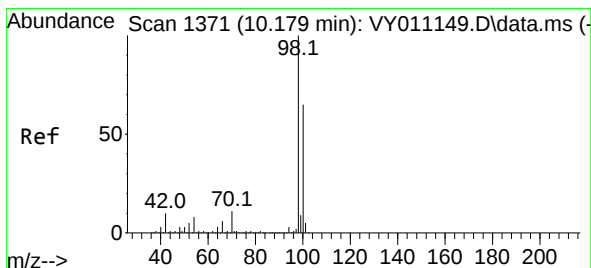
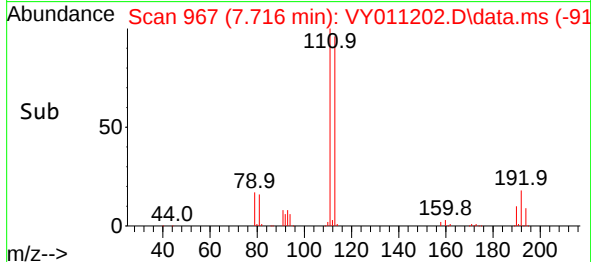
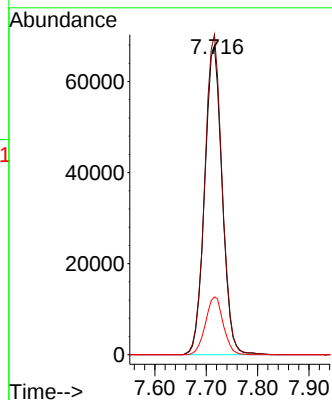
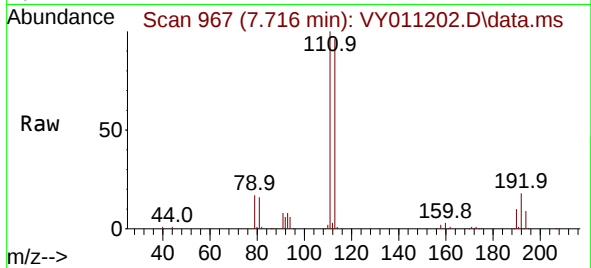




#35
Dibromofluoromethane
Concen: 57.379 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY011202.D
Acq: 31 Oct 2022 17:11

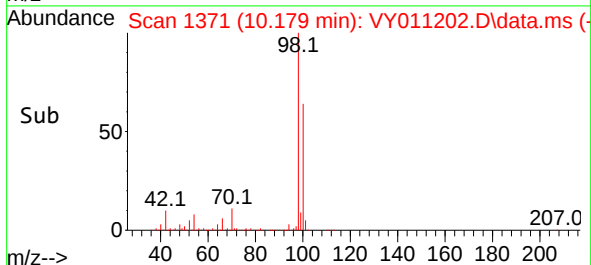
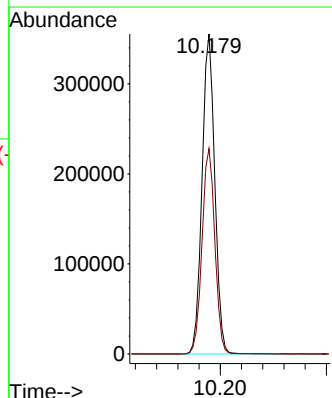
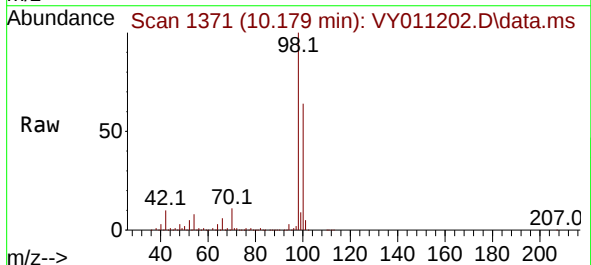
Instrument :
MSVOA_Y
ClientSampleId :
MH-6-WC

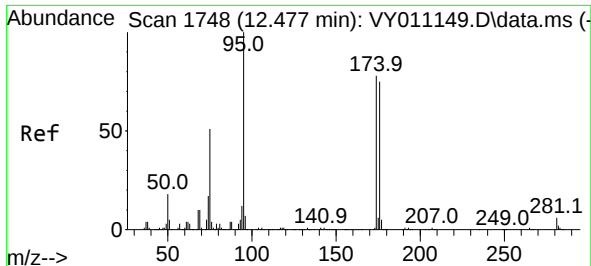
Tgt Ion:113 Resp: 159505
Ion Ratio Lower Upper
113 100
111 103.4 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 53.680 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011202.D
Acq: 31 Oct 2022 17:11

Tgt Ion: 98 Resp: 591177
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

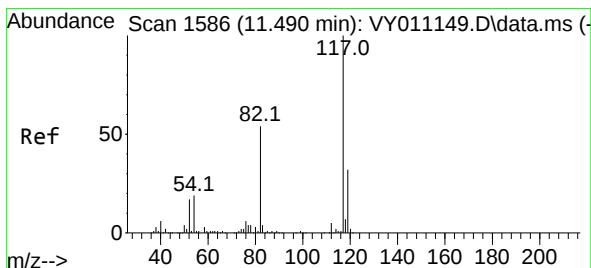
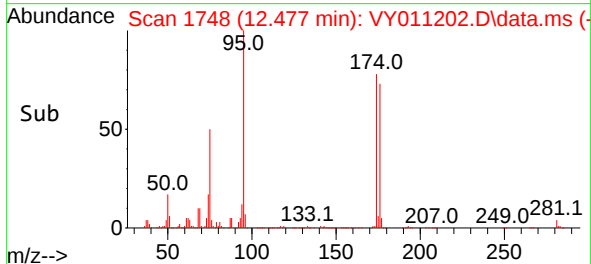
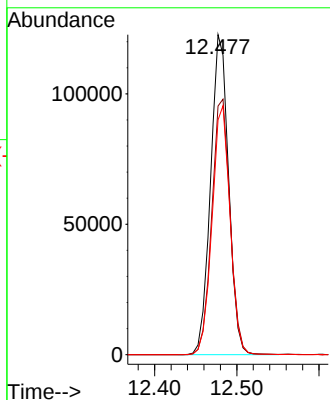
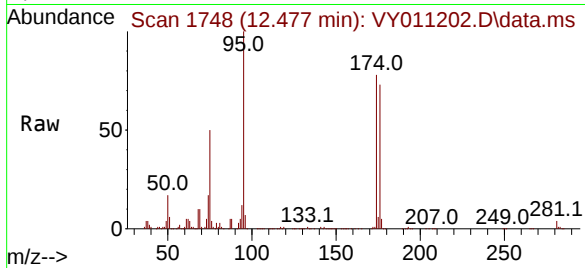




#62
4-Bromofluorobenzene
Concen: 51.801 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011202.D
Acq: 31 Oct 2022 17:11

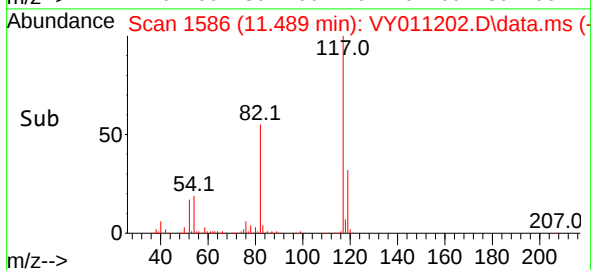
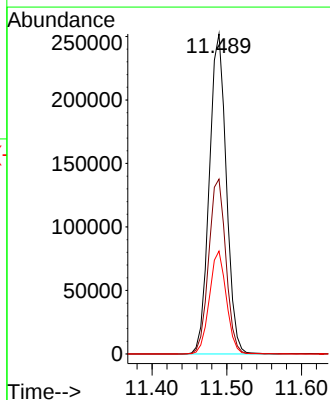
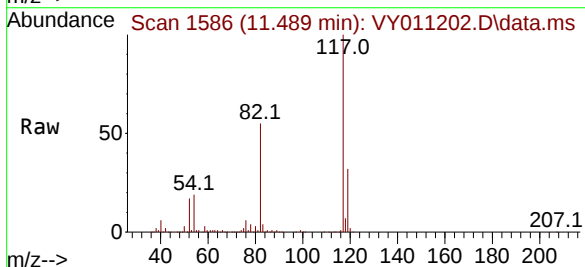
Instrument :
MSVOA_Y
ClientSampleId :
MH-6-WC

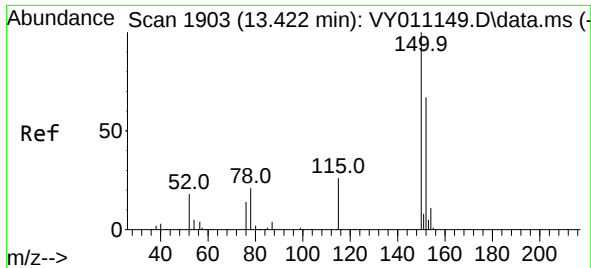
Tgt Ion: 95 Resp: 186664
Ion Ratio Lower Upper
95 100
174 81.5 0.0 177.0
176 77.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011202.D
Acq: 31 Oct 2022 17:11

Tgt Ion: 117 Resp: 398165
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.2 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: VY011202.D

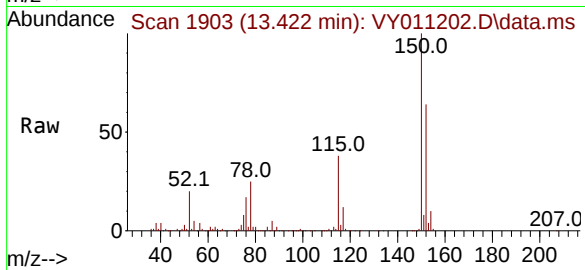
Acq: 31 Oct 2022 17:11

Instrument :

MSVOA_Y

ClientSampleId :

MH-6-WC



Tgt Ion:152 Resp: 173196

Ion Ratio Lower Upper

152 100

115 59.4 28.2 84.7

150 156.4 0.0 347.6

