

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
 Data File : VY011204.D
 Acq On : 31 Oct 2022 17:56
 Operator : KP/MD
 Sample : N5371-04
 Misc : 7.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-7-WC

Quant Time: Nov 01 02:45:42 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)

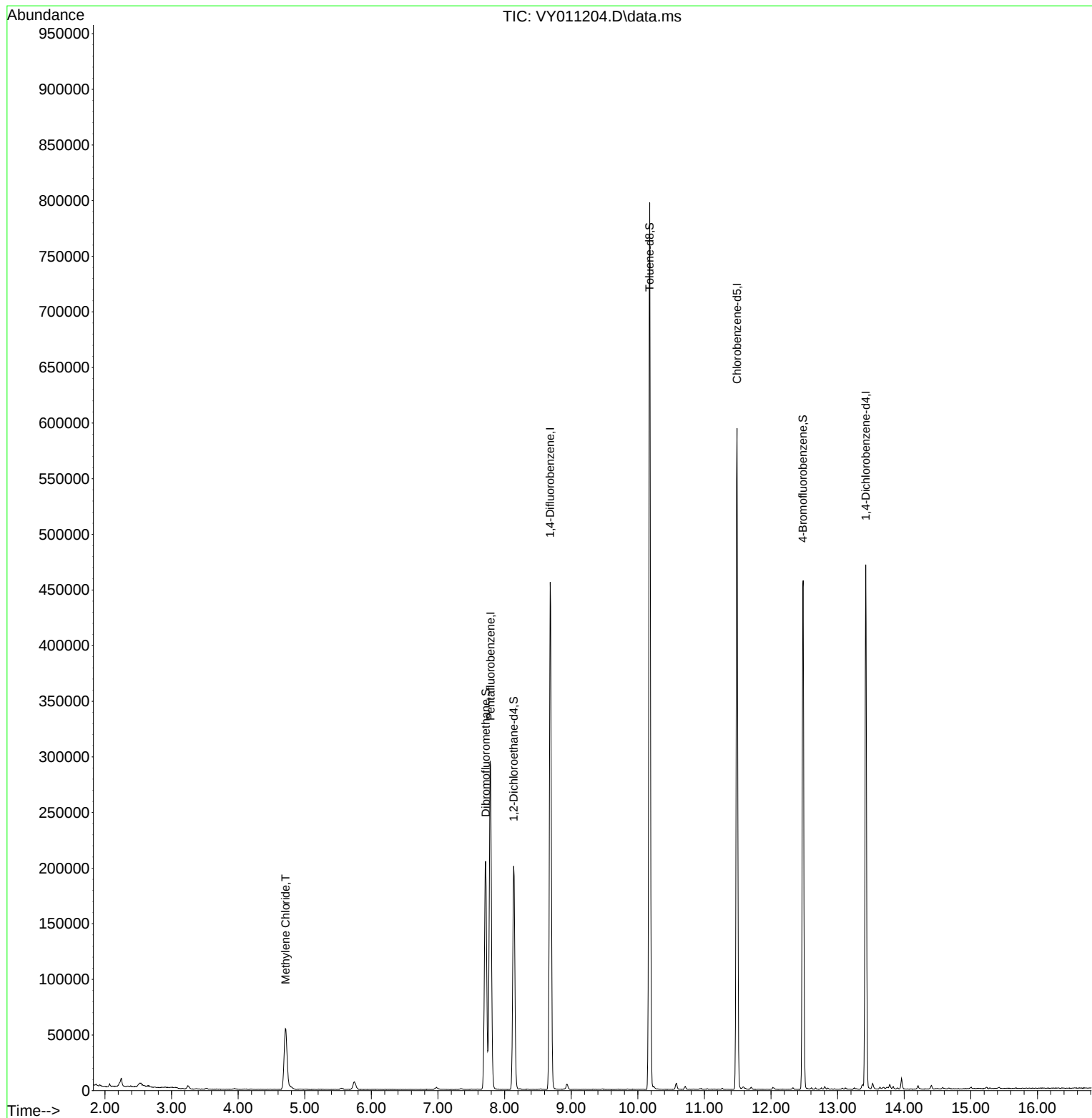
Internal Standards						
1) Pentafluorobenzene	7.789	168	229747	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	396948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	329670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	122744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156586	65.914	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.820%
35) Dibromofluoromethane	7.716	113	149766	61.352	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.700%
50) Toluene-d8	10.179	98	515178	53.272	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.540%
62) 4-Bromofluorobenzene	12.477	95	144827	45.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.540%
Target Compounds						
20) Methylene Chloride	4.710	84	43070	12.947	ug/l	Qvalue 85

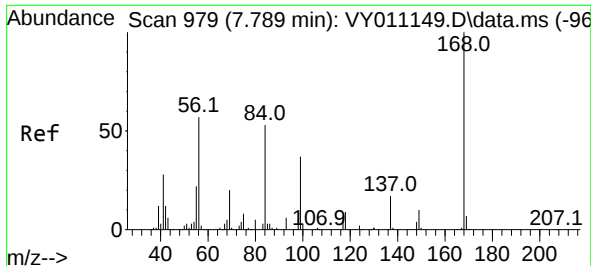
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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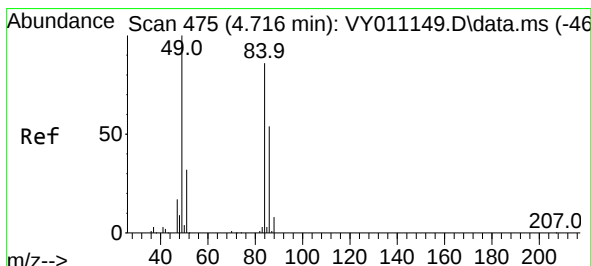
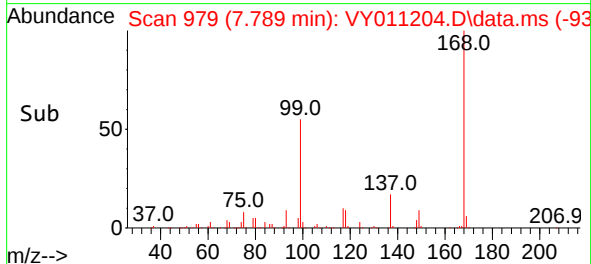
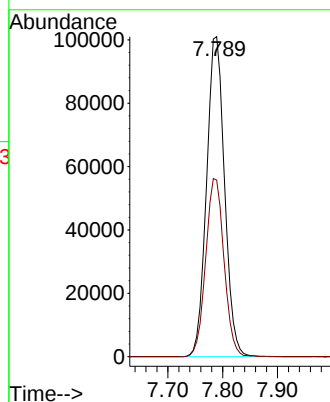
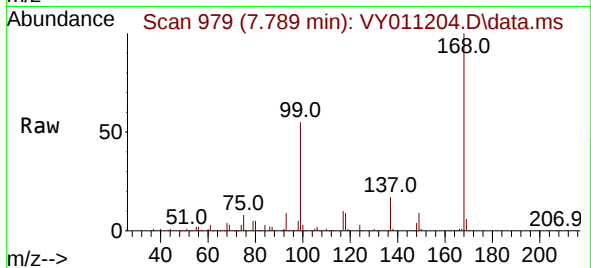




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011204.D
Acq: 31 Oct 2022 17:56

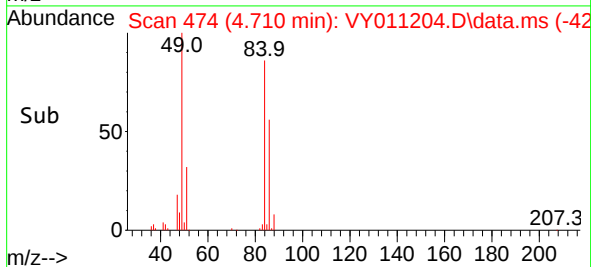
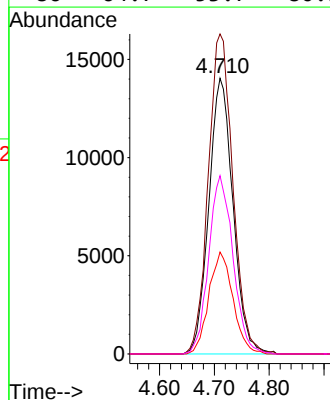
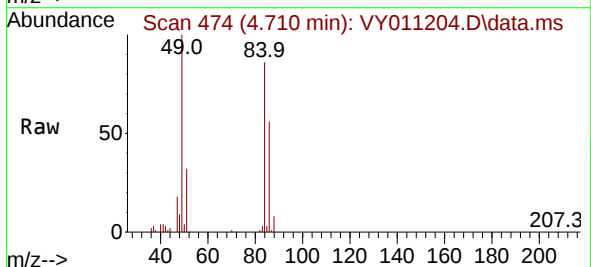
Instrument :
MSVOA_Y
ClientSampleId :
MH-7-WC

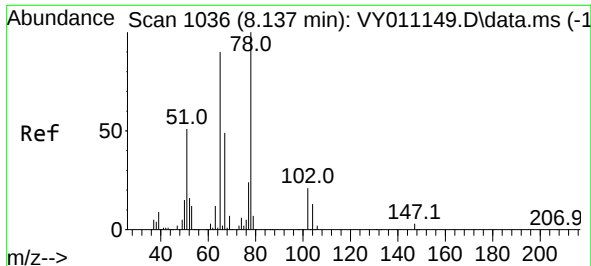
Tgt Ion:168 Resp: 229747
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#20
Methylene Chloride
Concen: 12.947 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY011204.D
Acq: 31 Oct 2022 17:56

Tgt Ion: 84 Resp: 43070
Ion Ratio Lower Upper
84 100
49 116.1 114.4 171.6
51 37.0 35.3 52.9
86 64.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 65.914 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY011204.D

Acq: 31 Oct 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

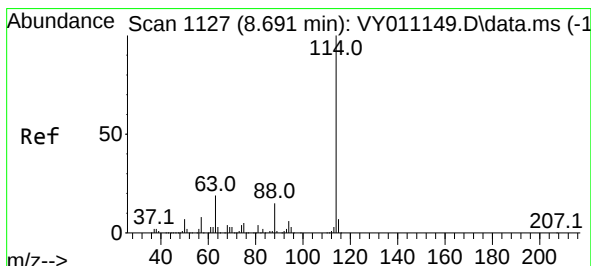
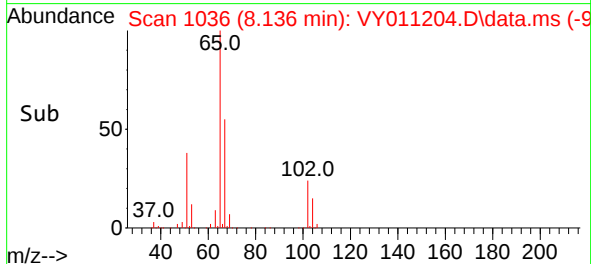
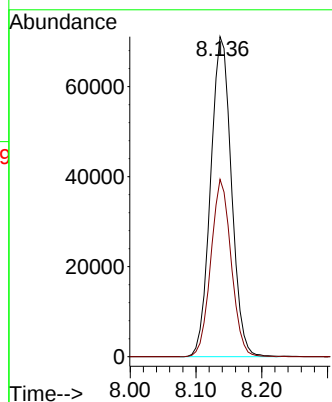
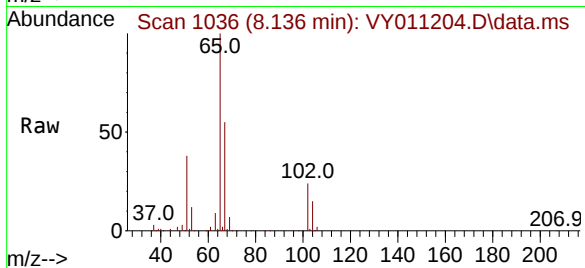
MH-7-WC

Tgt Ion: 65 Resp: 156586

Ion Ratio Lower Upper

65 100

67 54.1 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: VY011204.D

Acq: 31 Oct 2022 17:56

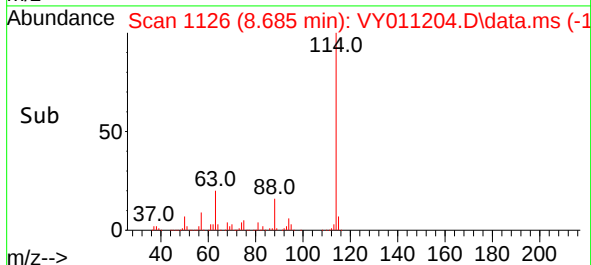
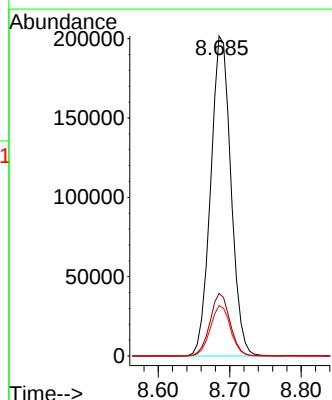
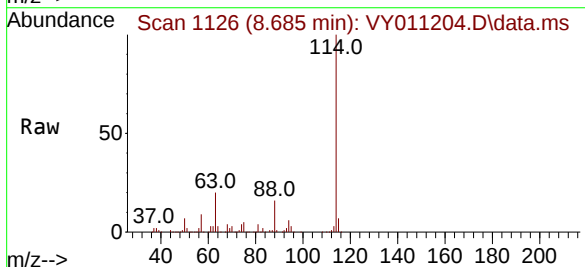
Tgt Ion: 114 Resp: 396948

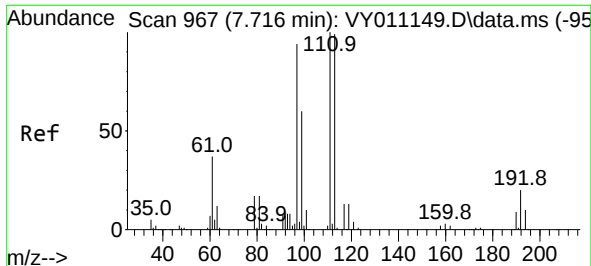
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.7 0.0 31.8

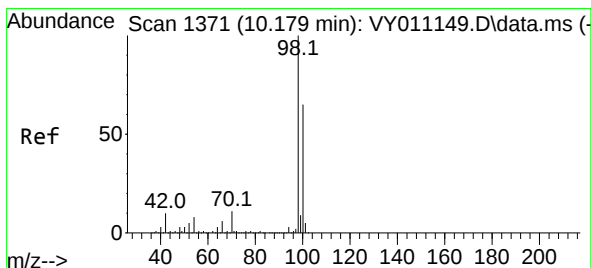
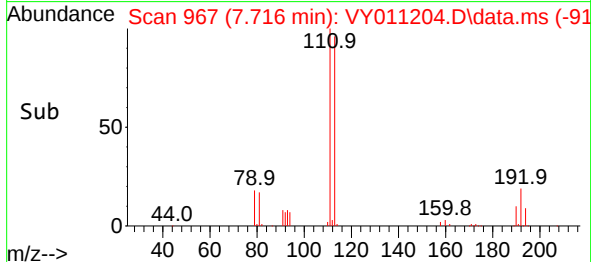
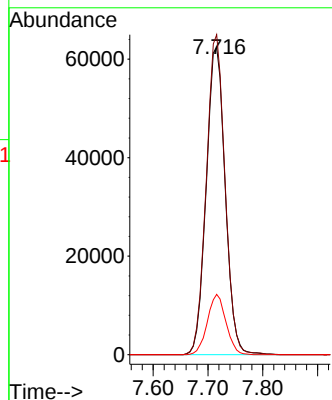
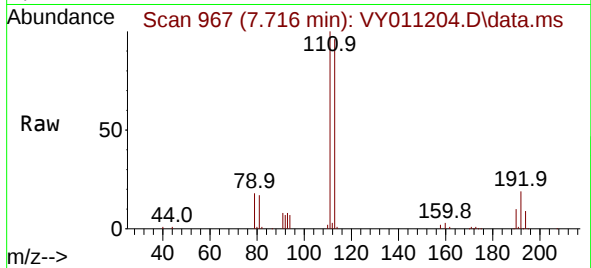




#35
Dibromofluoromethane
Concen: 61.352 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY011204.D
Acq: 31 Oct 2022 17:56

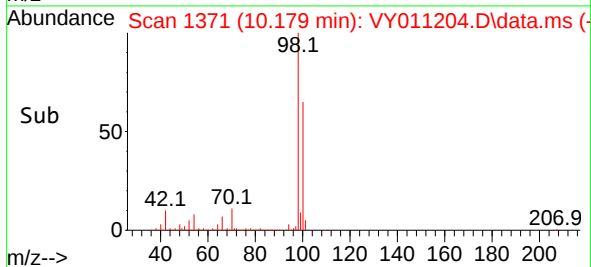
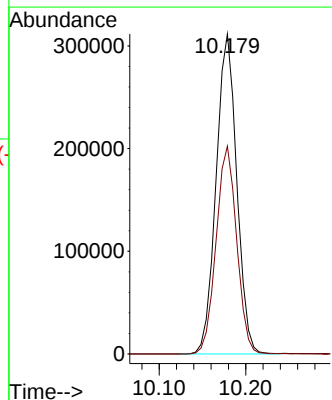
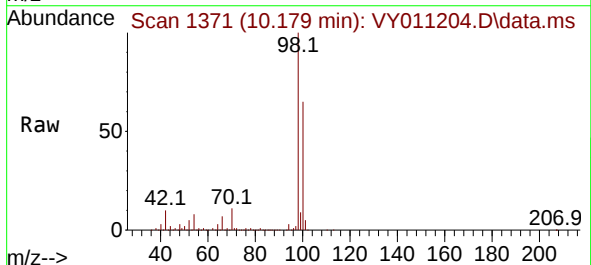
Instrument :
MSVOA_Y
ClientSampleId :
MH-7-WC

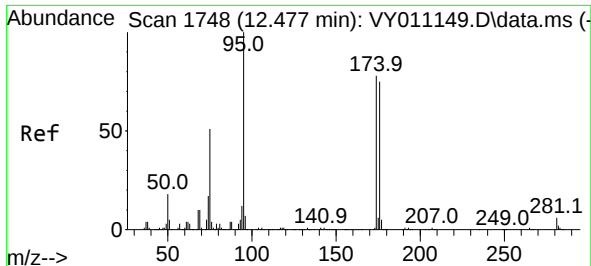
Tgt Ion:113 Resp: 149766
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 19.2 17.6 26.4



#50
Toluene-d8
Concen: 53.272 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011204.D
Acq: 31 Oct 2022 17:56

Tgt Ion: 98 Resp: 515178
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

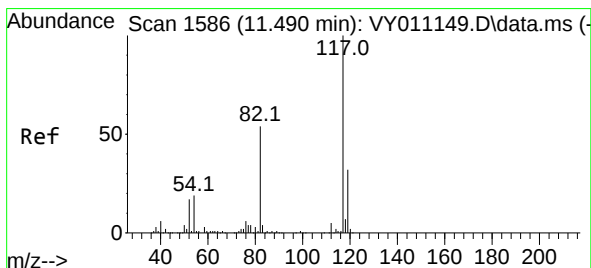
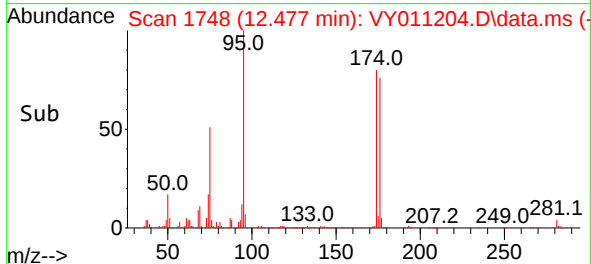
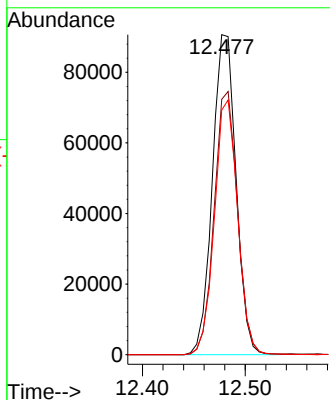
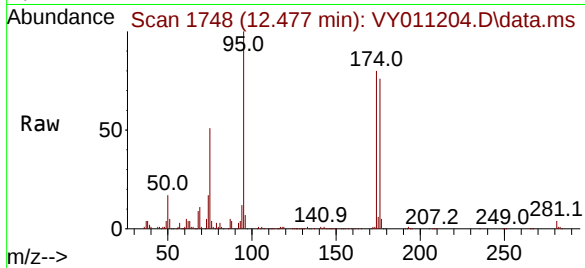




#62
4-Bromofluorobenzene
Concen: 45.768 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY011204.D
Acq: 31 Oct 2022 17:56

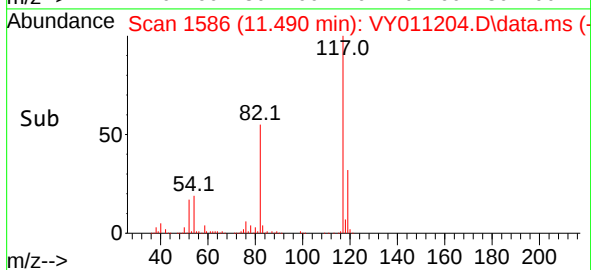
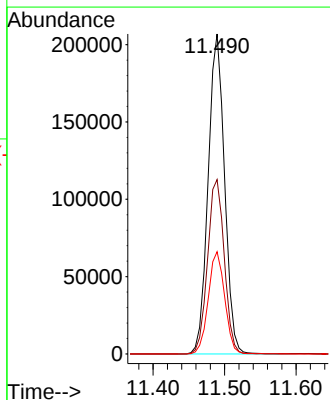
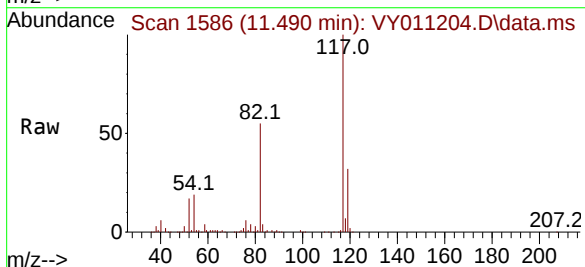
Instrument :
MSVOA_Y
ClientSampleId :
MH-7-WC

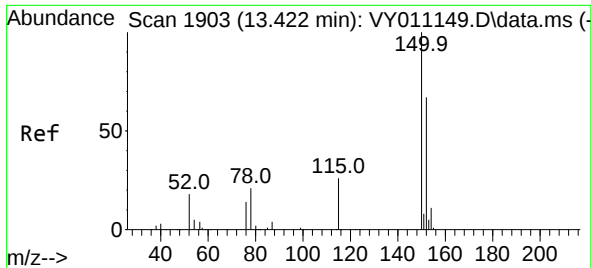
Tgt Ion: 95 Resp: 144827
Ion Ratio Lower Upper
95 100
174 81.1 0.0 177.0
176 78.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011204.D
Acq: 31 Oct 2022 17:56

Tgt Ion: 117 Resp: 329670
Ion Ratio Lower Upper
117 100
82 54.5 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: VY011204.D

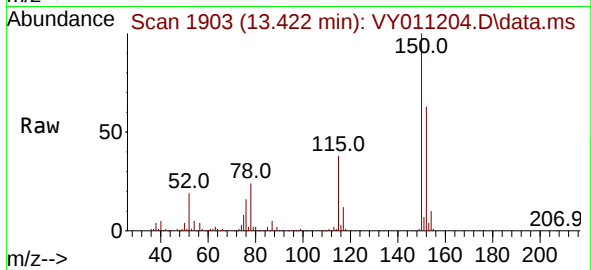
Acq: 31 Oct 2022 17:56

Instrument :

MSVOA_Y

ClientSampleId :

MH-7-WC



Tgt Ion:152 Resp: 122744

Ion Ratio Lower Upper

152 100

115 59.1 28.2 84.7

150 158.0 0.0 347.6

