

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014702.D
 Acq On : 18 Jul 2023 15:20
 Operator : SY/MD
 Sample : 03640-21
 Misc : 5.30g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP12

Quant Time: Jul 19 04:05:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

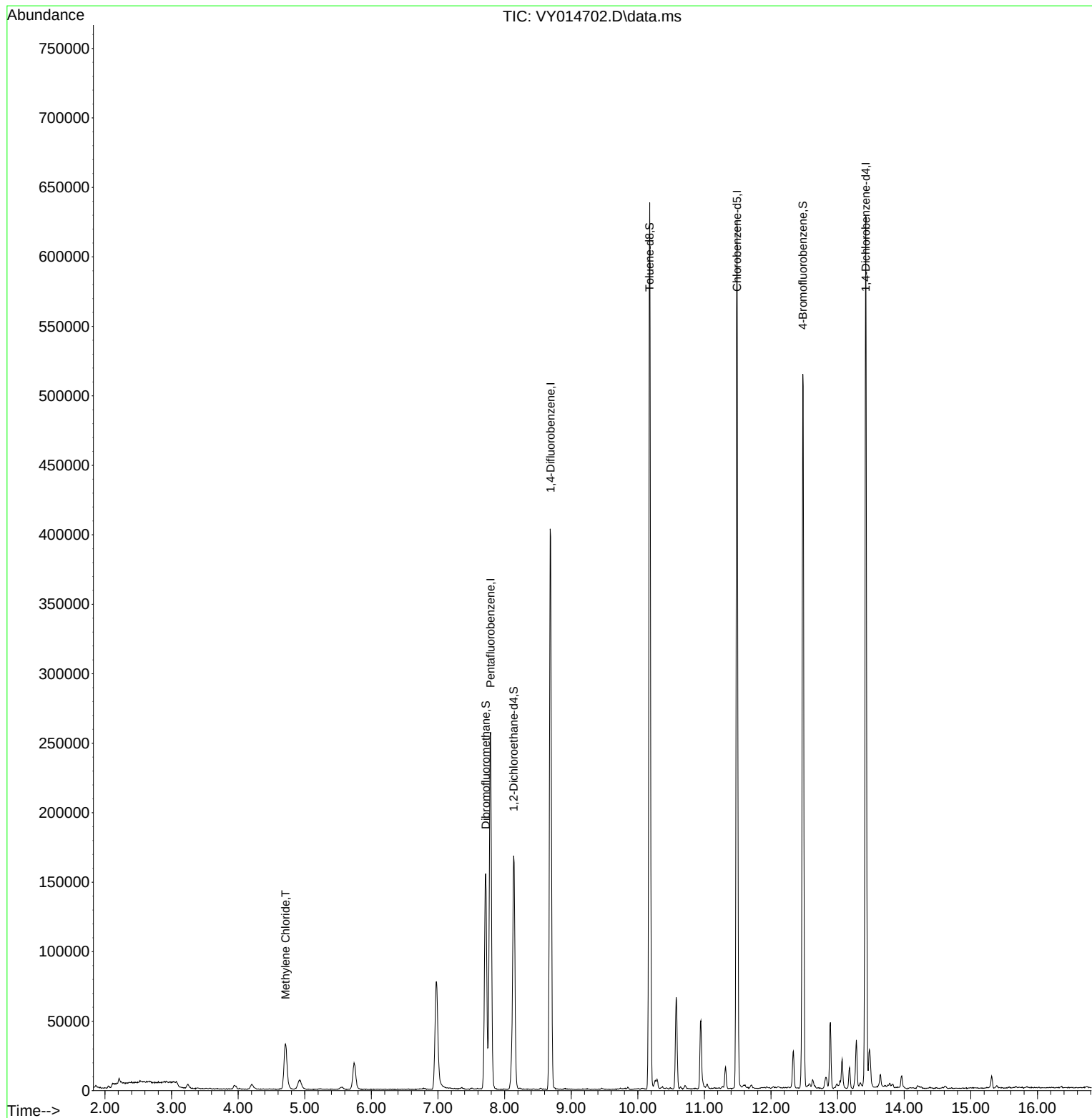
Internal Standards						
1) Pentafluorobenzene	7.789	168	202596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	355267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	334726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	156832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125651	54.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.860%	
35) Dibromofluoromethane	7.716	113	112205	49.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.220%	
50) Toluene-d8	10.179	98	417737	50.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.200%	
62) 4-Bromofluorobenzene	12.477	95	157759	49.345	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.700%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.710	84	25657	7.179	ug/l	92

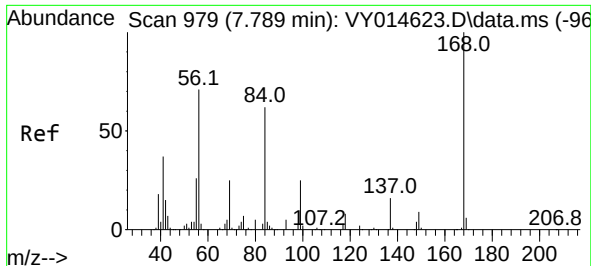
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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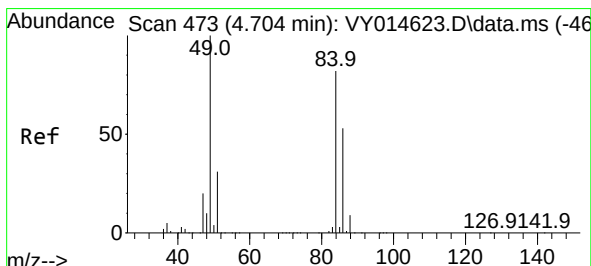
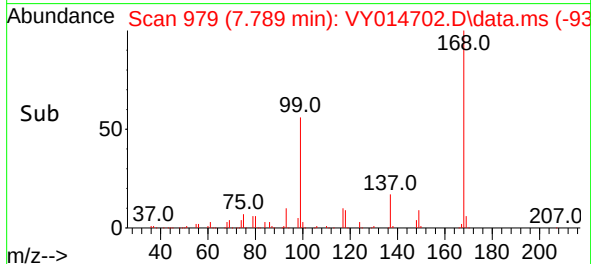
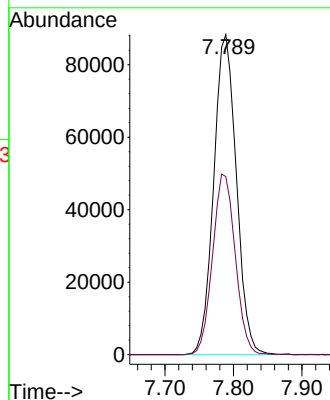
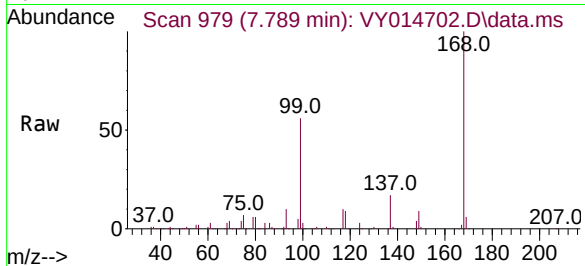




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014702.D
Acq: 18 Jul 2023 15:20

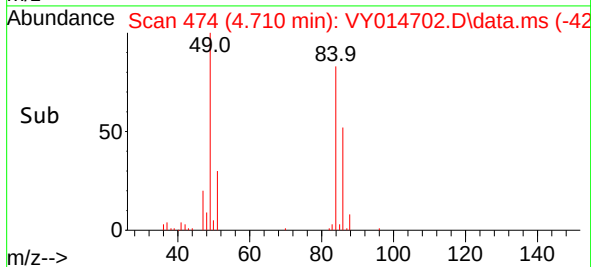
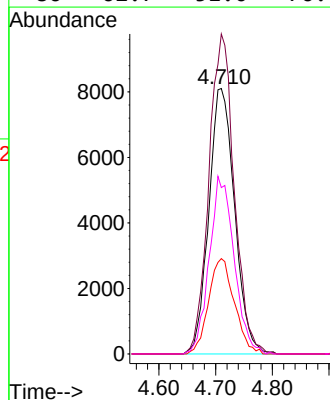
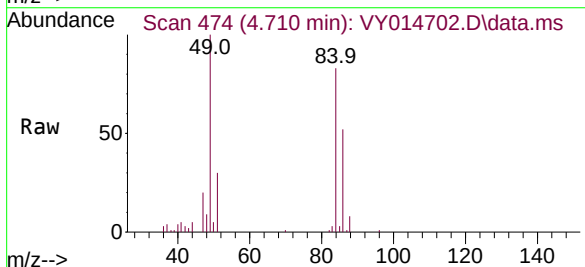
Instrument :
MSVOA_Y
ClientSampleId :
TP12

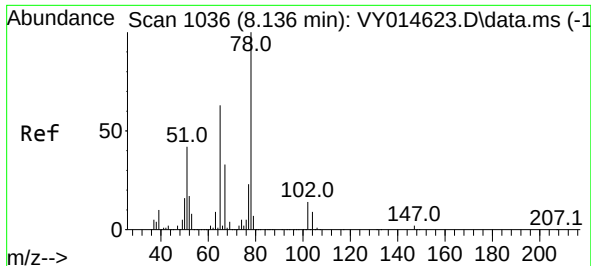
Tgt Ion:168 Resp: 202596
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#20
Methylene Chloride
Concen: 7.179 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY014702.D
Acq: 18 Jul 2023 15:20

Tgt Ion: 84 Resp: 25657
Ion Ratio Lower Upper
84 100
49 120.5 106.9 160.3
51 35.9 33.2 49.8
86 62.7 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 54.426 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY014702.D

Acq: 18 Jul 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

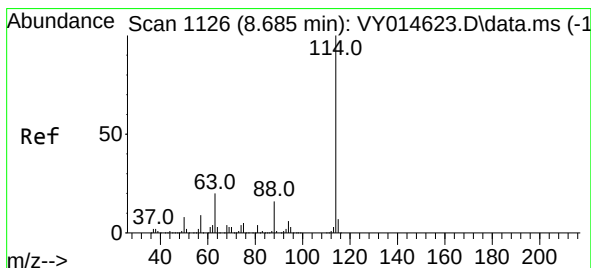
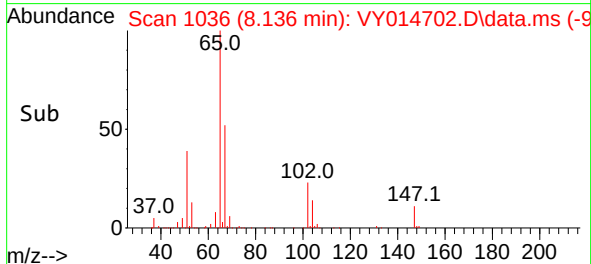
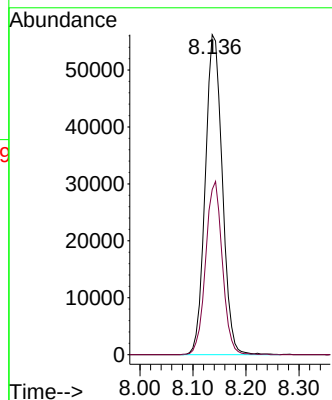
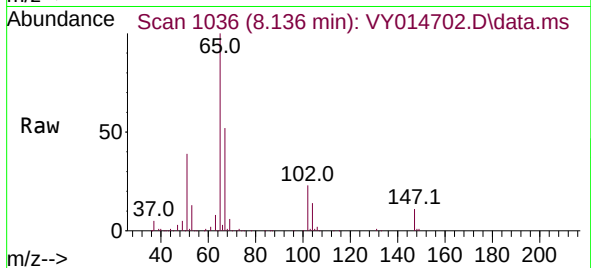
TP12

Tgt Ion: 65 Resp: 125651

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014702.D

Acq: 18 Jul 2023 15:20

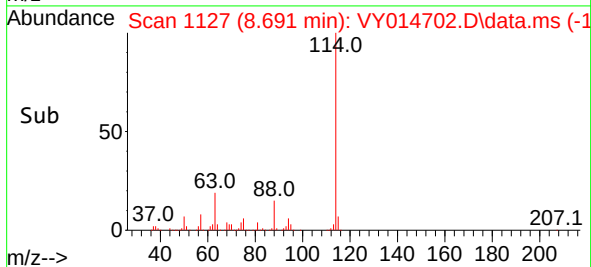
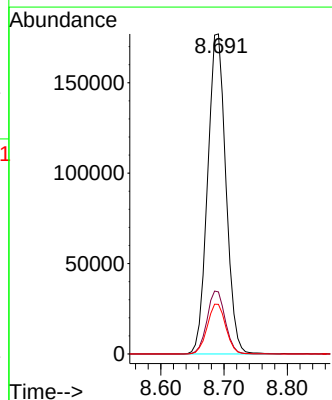
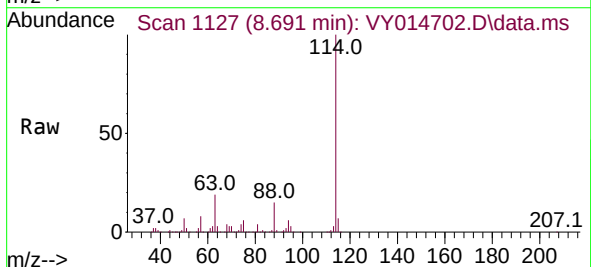
Tgt Ion:114 Resp: 355267

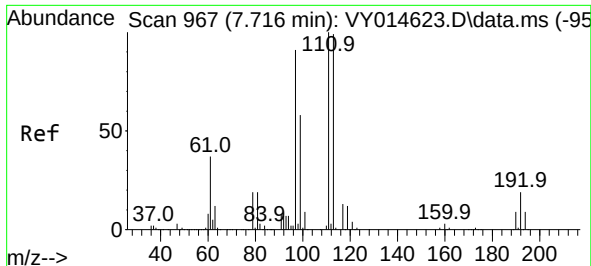
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.5 0.0 30.6

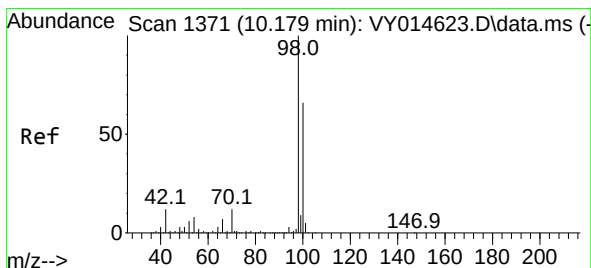
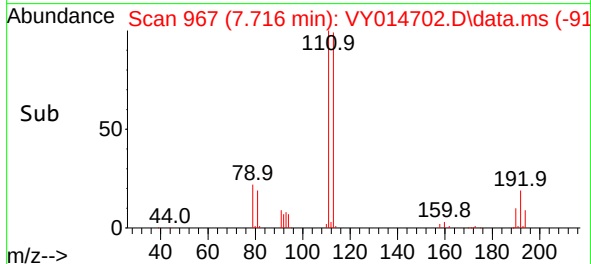
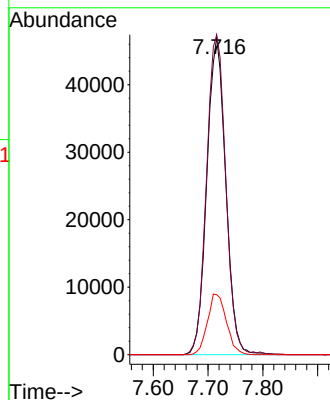
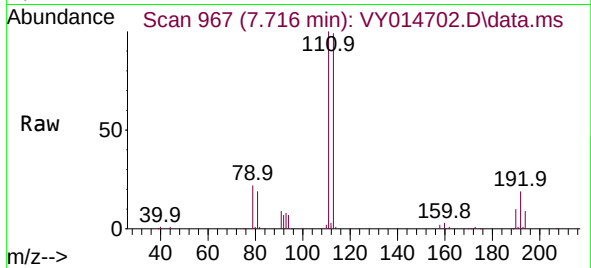




#35
Dibromofluoromethane
Concen: 49.614 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014702.D
Acq: 18 Jul 2023 15:20

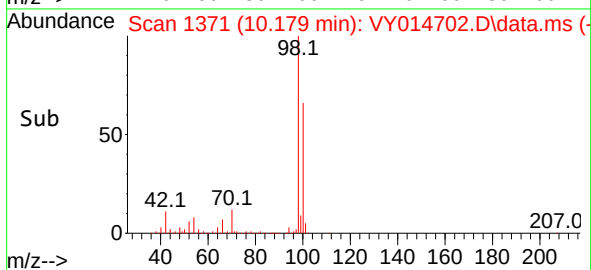
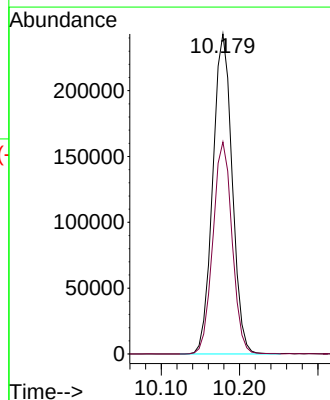
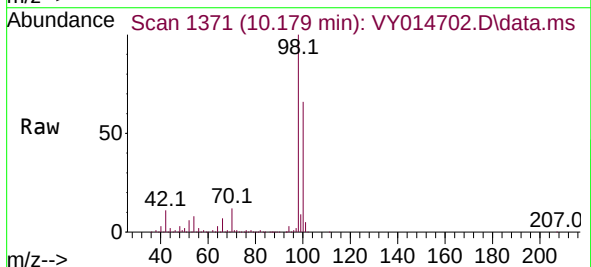
Instrument :
MSVOA_Y
ClientSampleId :
TP12

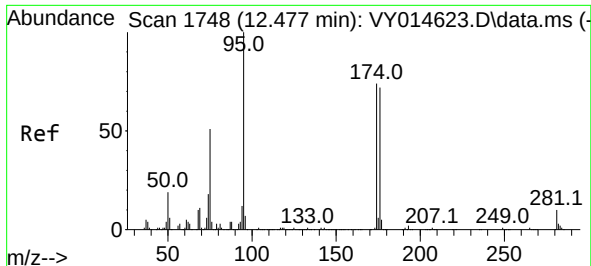
Tgt Ion:113 Resp: 112205
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.2 16.9 25.3



#50
Toluene-d8
Concen: 50.101 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014702.D
Acq: 18 Jul 2023 15:20

Tgt Ion: 98 Resp: 417737
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1

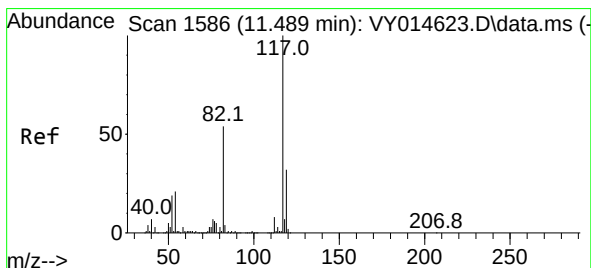
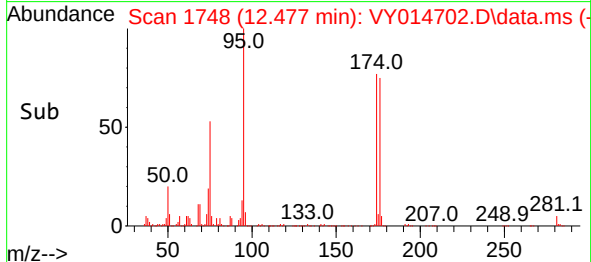
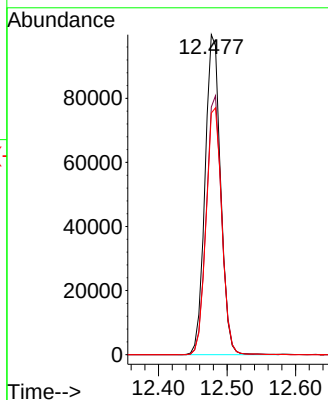
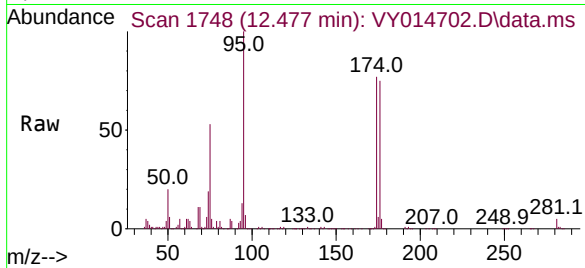




#62
4-Bromofluorobenzene
Concen: 49.345 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014702.D
Acq: 18 Jul 2023 15:20

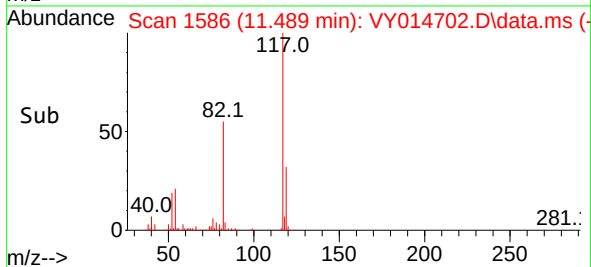
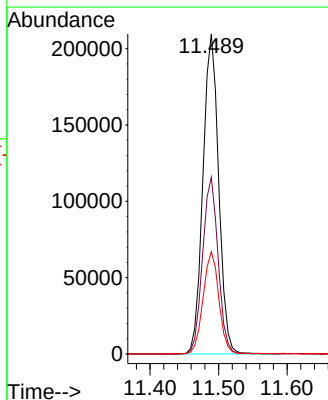
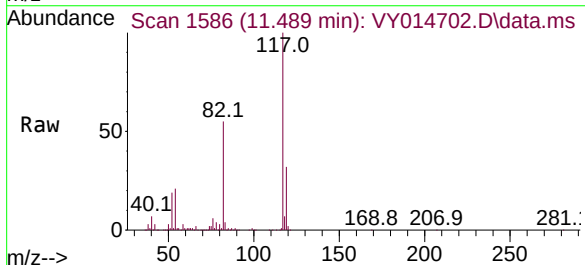
Instrument :
MSVOA_Y
ClientSampleId :
TP12

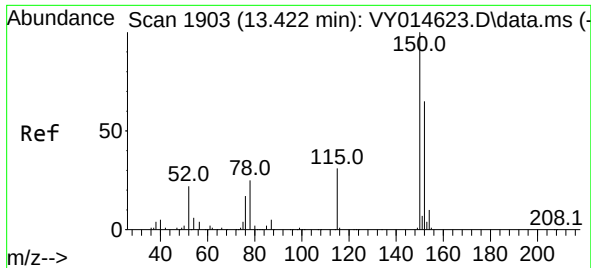
Tgt Ion: 95 Resp: 157759
Ion Ratio Lower Upper
95 100
174 79.9 0.0 178.2
176 78.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014702.D
Acq: 18 Jul 2023 15:20

Tgt Ion: 117 Resp: 334726
Ion Ratio Lower Upper
117 100
82 55.3 43.4 65.0
119 31.9 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY014702.D

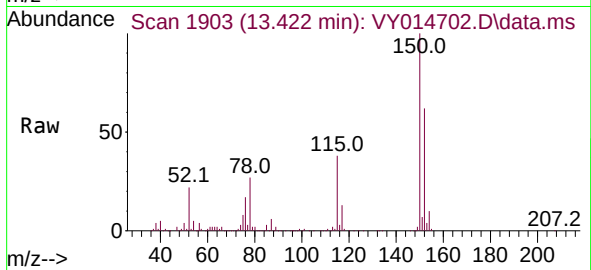
Acq: 18 Jul 2023 15:20

Instrument :

MSVOA_Y

ClientSampleId :

TP12



Tgt Ion:152 Resp: 156832

Ion Ratio Lower Upper

152 100

115 59.9 28.8 86.5

150 156.6 0.0 348.8

