

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008681.D
 Acq On : 10 May 2022 15:19
 Operator : KP/MD
 Sample : N2712-09
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: May 11 04:31:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

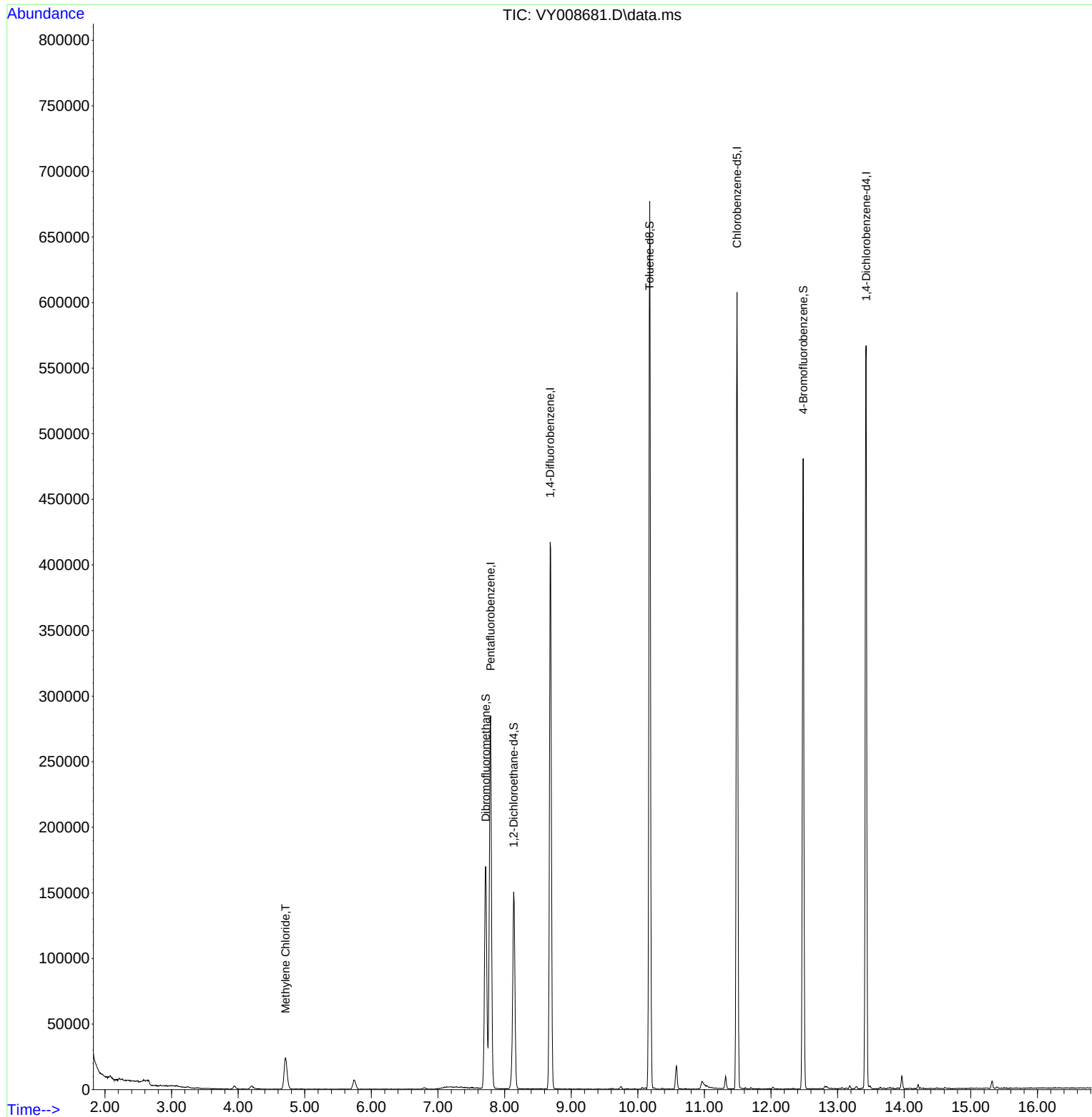
Internal Standards						
1) Pentafluorobenzene	7.789	168	240870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	394207	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	356603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161742	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106985	51.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.716	113	124421	51.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.440%	
50) Toluene-d8	10.179	98	453165	52.936	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.880%	
62) 4-Bromofluorobenzene	12.483	95	144897	47.047	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.100%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	21282	7.197	ug/l	# 78

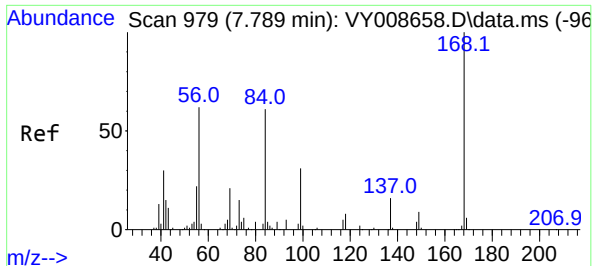
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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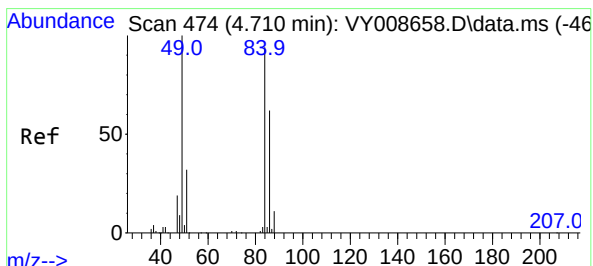
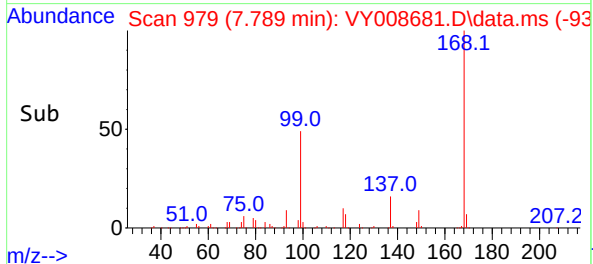
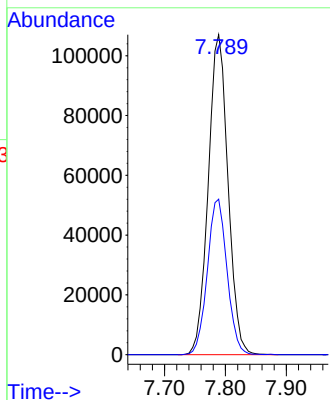
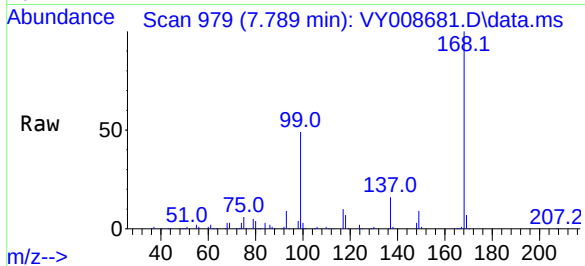




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

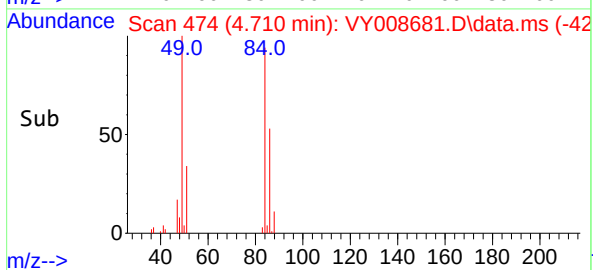
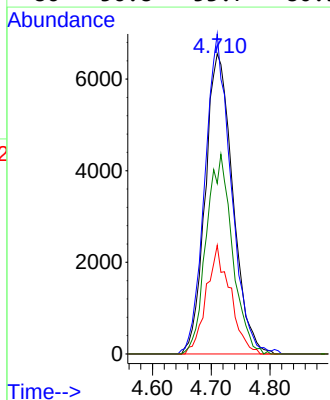
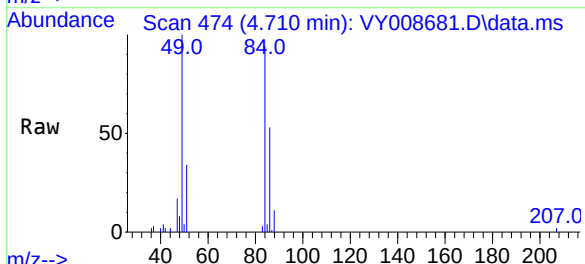
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

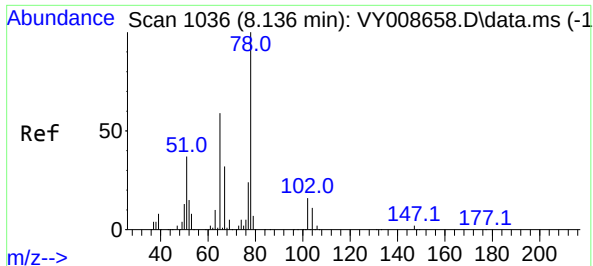
Tgt Ion:168 Resp: 240870
Ion Ratio Lower Upper
168 100
99 48.6 46.9 70.3



#20
Methylene Chloride
Concen: 7.197 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

Tgt Ion: 84 Resp: 21282
Ion Ratio Lower Upper
84 100
49 106.6 114.4 171.6#
51 36.2 35.3 52.9
86 56.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.836 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008681.D

Acq: 10 May 2022 15:19

Instrument :

MSVOA_Y

ClientSampleId :

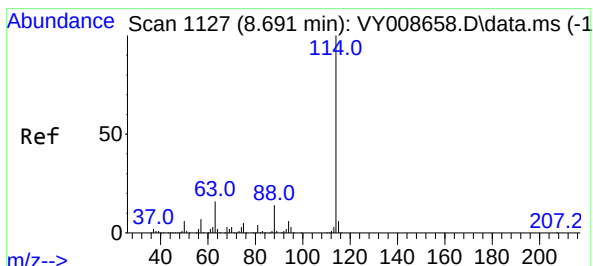
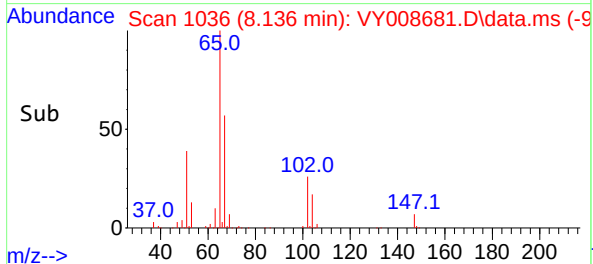
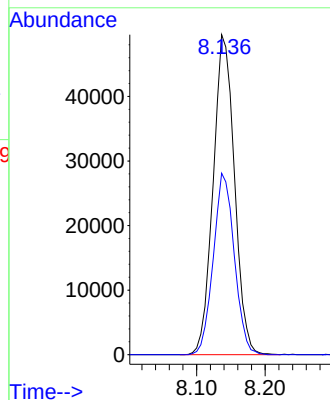
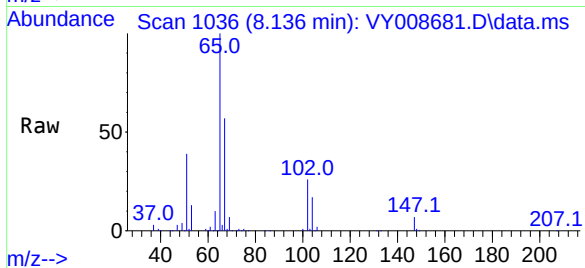
TP-2

Tgt Ion: 65 Resp: 106985

Ion Ratio Lower Upper

65 100

67 55.8 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: VY008681.D

Acq: 10 May 2022 15:19

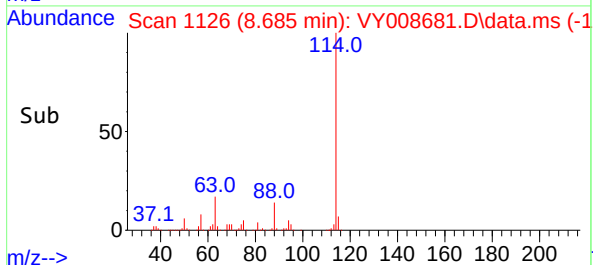
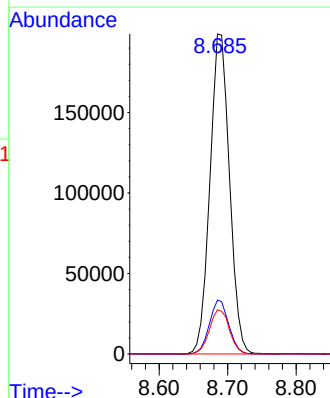
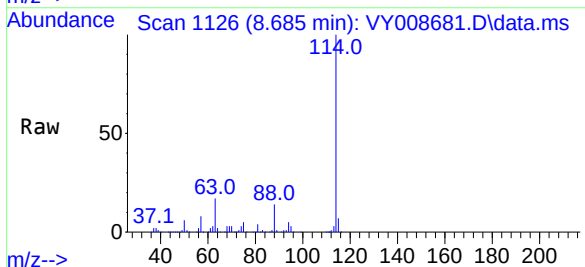
Tgt Ion: 114 Resp: 394207

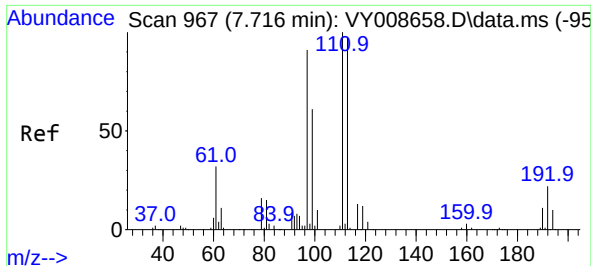
Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 13.8 0.0 31.8

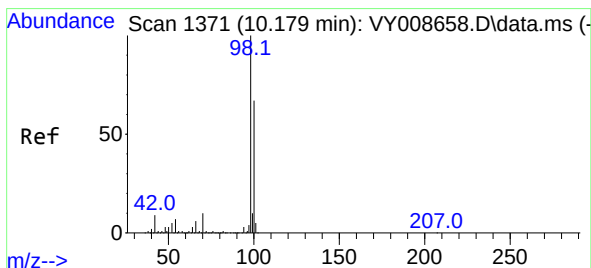
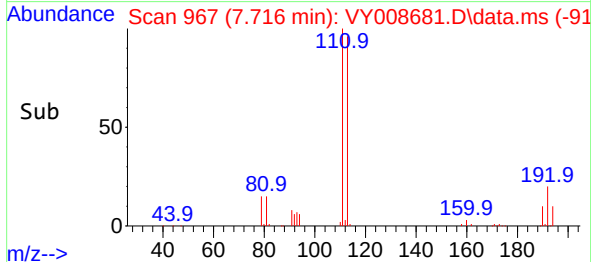
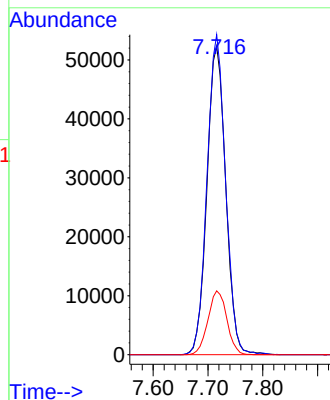
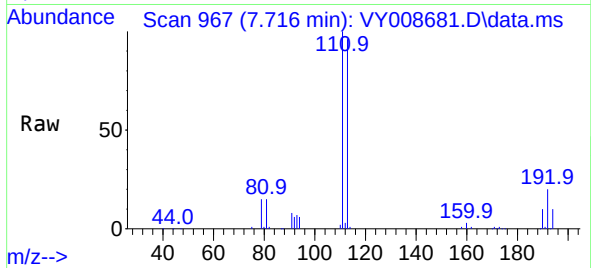




#35
Dibromofluoromethane
Concen: 51.217 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

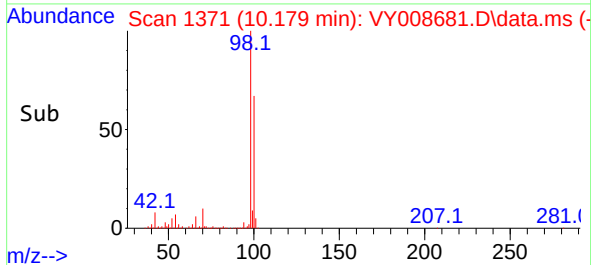
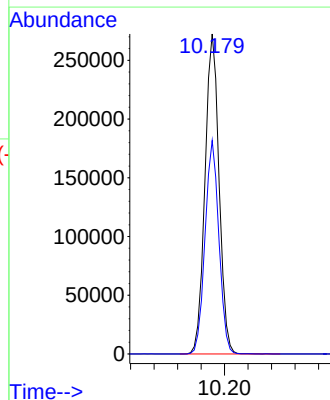
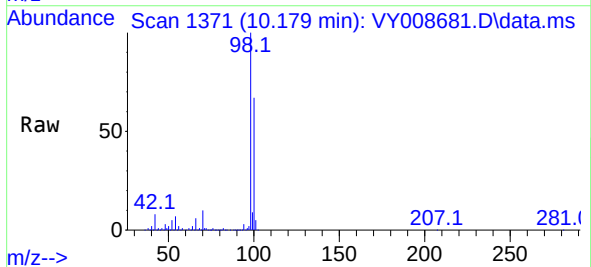
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

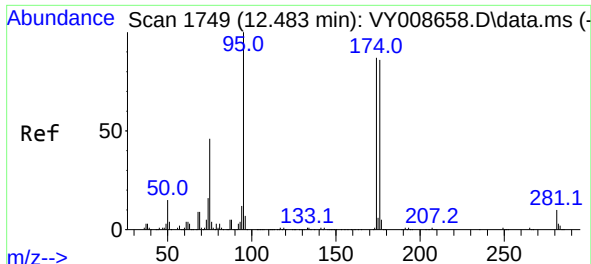
Tgt Ion:113 Resp: 124421
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 20.8 17.6 26.4



#50
Toluene-d8
Concen: 52.936 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

Tgt Ion: 98 Resp: 453165
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

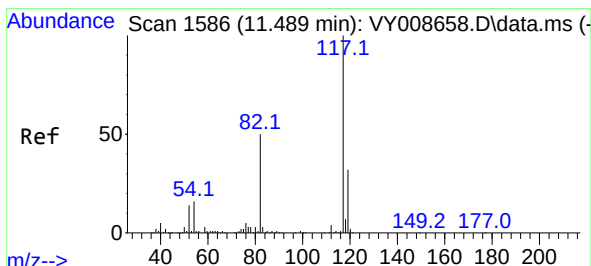
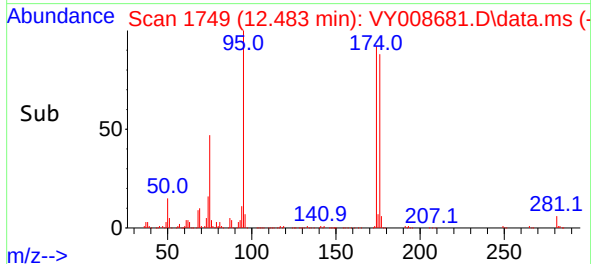
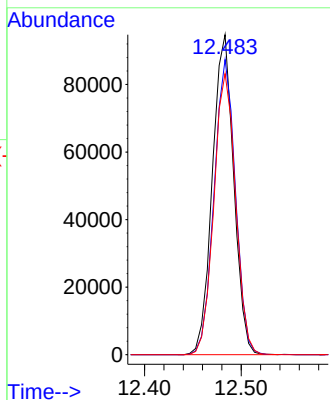
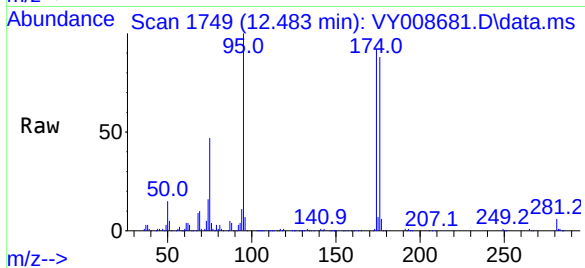




#62
4-Bromofluorobenzene
Concen: 47.047 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

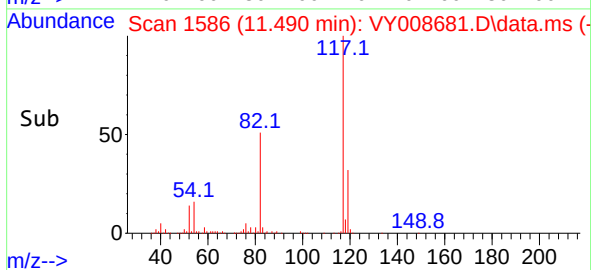
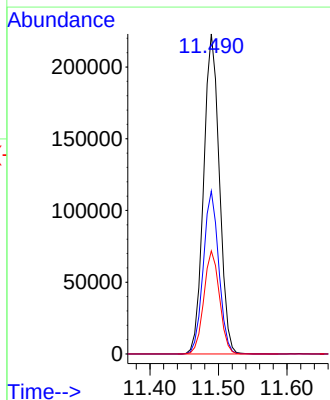
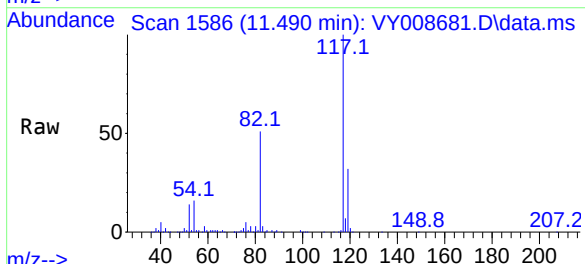
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

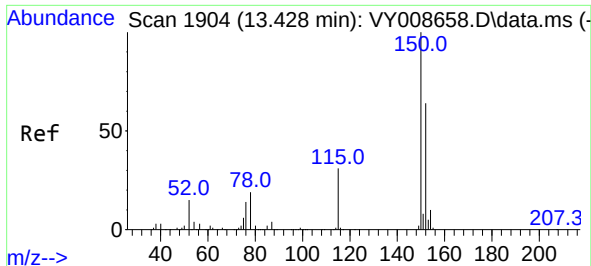
Tgt Ion: 95 Resp: 144897
Ion Ratio Lower Upper
95 100
174 92.3 0.0 177.0
176 89.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008681.D
Acq: 10 May 2022 15:19

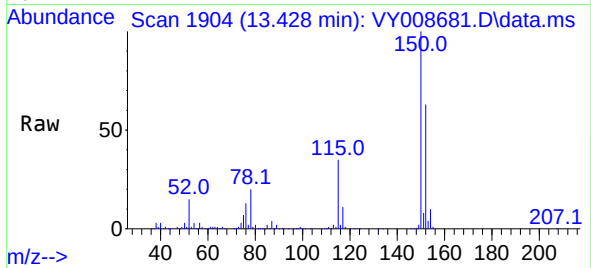
Tgt Ion: 117 Resp: 356603
Ion Ratio Lower Upper
117 100
82 50.9 43.0 64.4
119 32.2 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008681.D
 Acq: 10 May 2022 15:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2



Tgt Ion:152 Resp: 161742

Ion	Ratio	Lower	Upper
152	100		
115	55.7	28.2	84.7
150	157.6	0.0	347.6

