

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006368.D
 Acq On : 09 Oct 2021 16:22
 Operator : SY/MD
 Sample : M4147-01
 Misc : 6.16G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20-20211007-WC

Quant Time: Oct 11 03:21:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

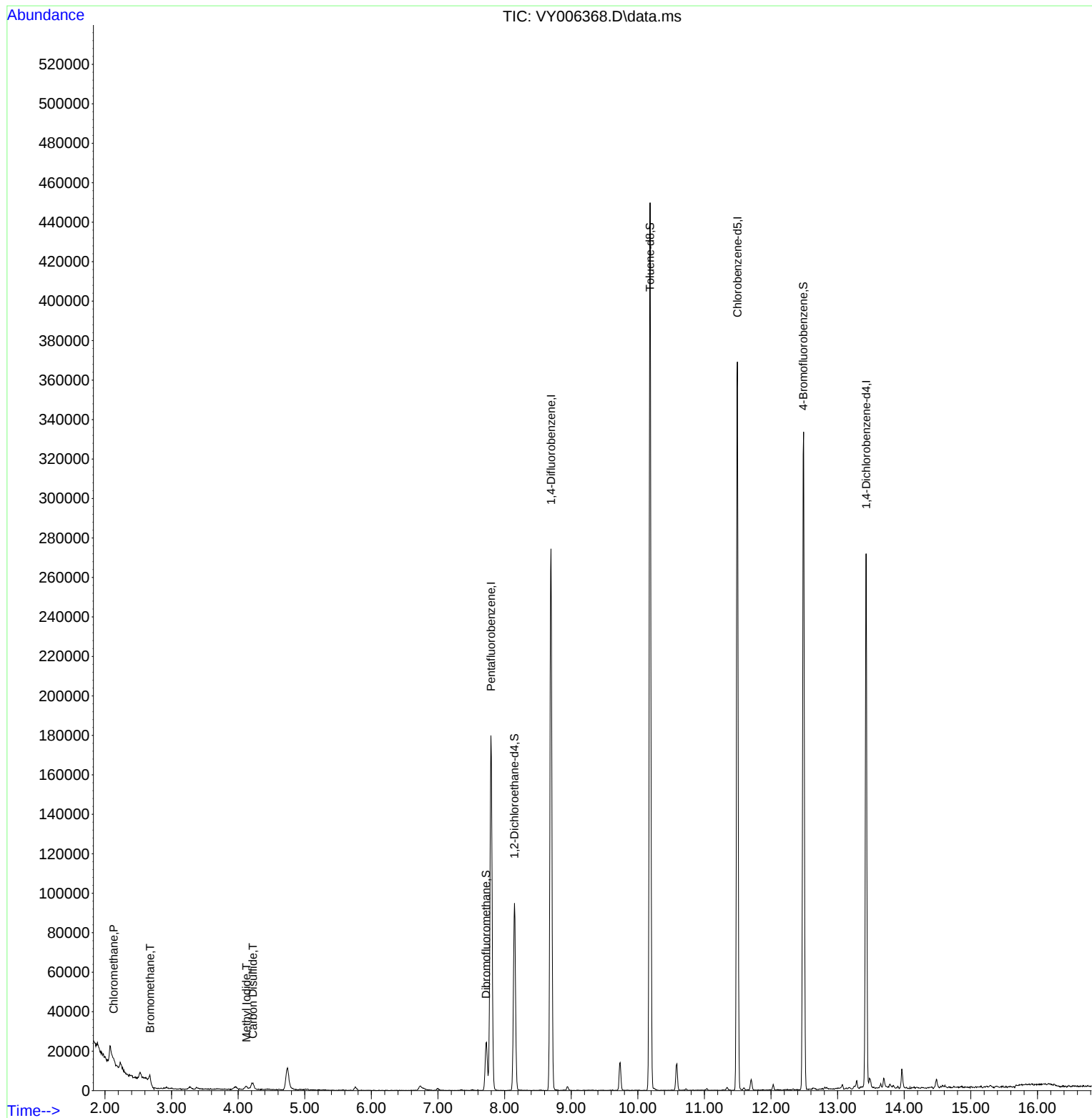
Internal Standards						
1) Pentafluorobenzene	7.795	168	138765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	228217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	192008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77499	52.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.360%	
35) Dibromofluoromethane	7.722	113	16668	13.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 27.340%#	
50) Toluene-d8	10.185	98	280715	55.011	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.020%	
62) 4-Bromofluorobenzene	12.483	95	74067	42.726	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.460%	
Target Compounds						Qvalue
3) Chloromethane	2.131	50	2567	1.566	ug/l	89
5) Bromomethane	2.680	94	3148	2.666	ug/l	100
10) Methyl Iodide	4.125	142	3105	2.230	ug/l #	86
17) Carbon Disulfide	4.223	76	5342	1.229	ug/l #	93

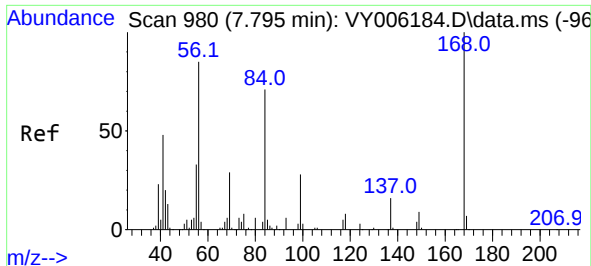
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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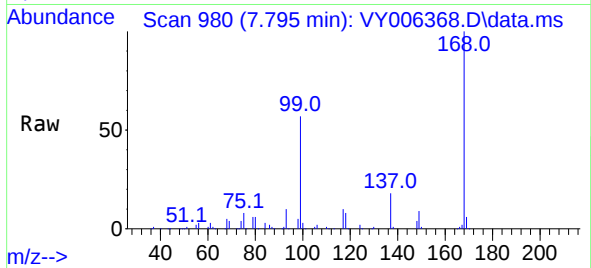
Quant Time: Oct 11 03:21:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
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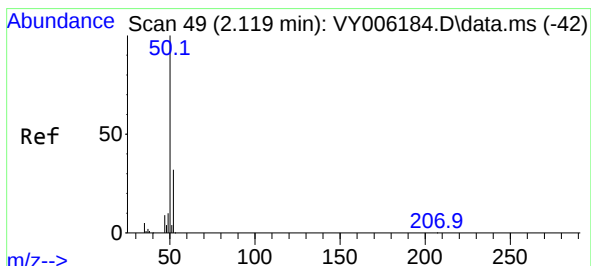
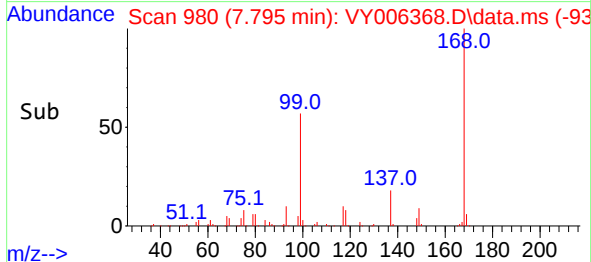
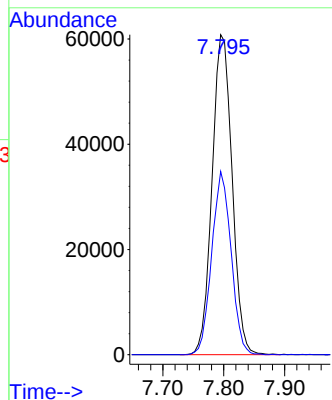


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006368.D
Acq: 09 Oct 2021 16:22

Instrument :
MSVOA_Y
ClientSampleId :
20-20211007-WC

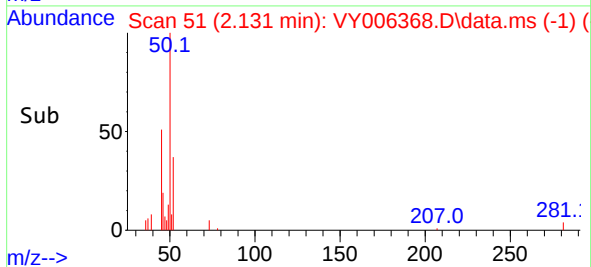
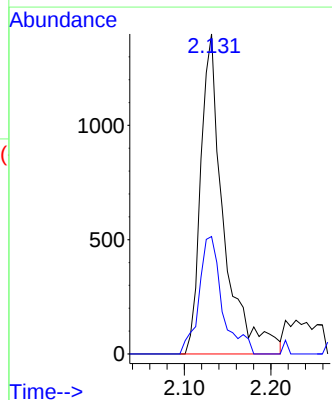
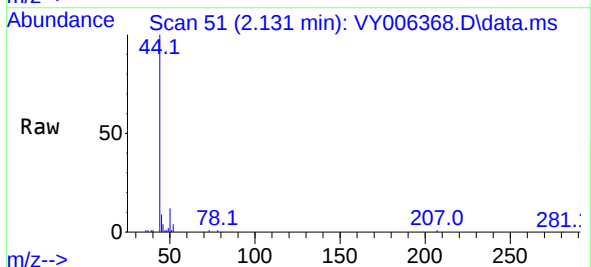


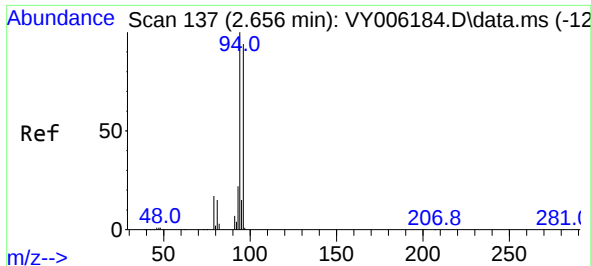
Tgt Ion:168 Resp: 138765
Ion Ratio Lower Upper
168 100
99 57.2 46.9 70.3



#3
Chloromethane
Concen: 1.566 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY006368.D
Acq: 09 Oct 2021 16:22

Tgt Ion: 50 Resp: 2567
Ion Ratio Lower Upper
50 100
52 36.7 24.6 37.0

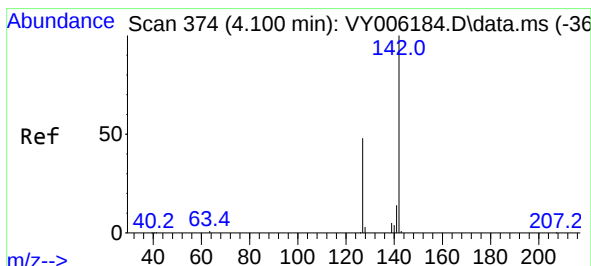
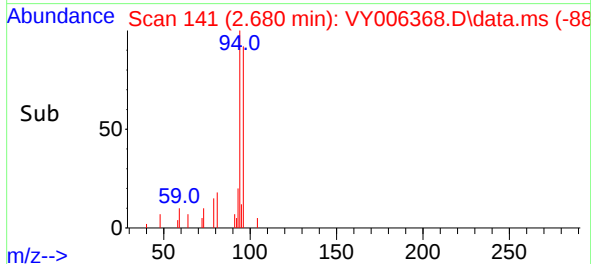
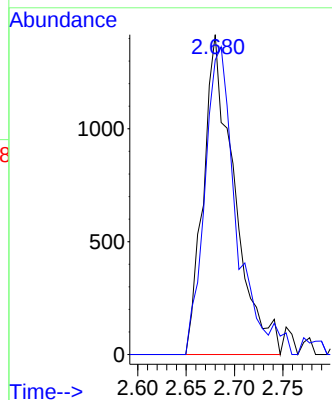
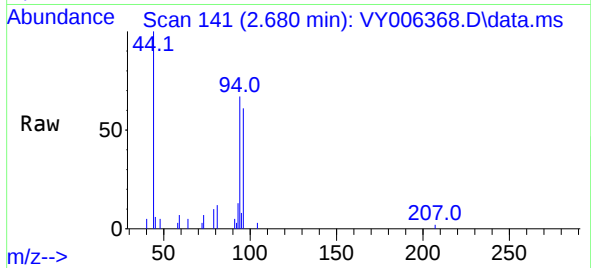




#5
Bromomethane
Concen: 2.666 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.024 min
Lab File: VY006368.D
Acq: 09 Oct 2021 16:22

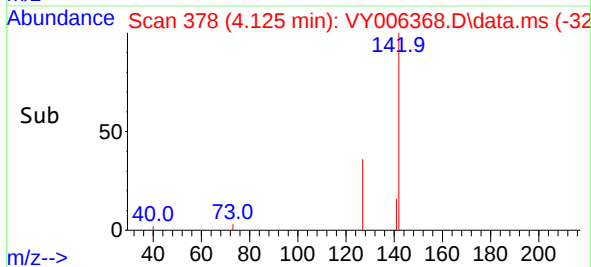
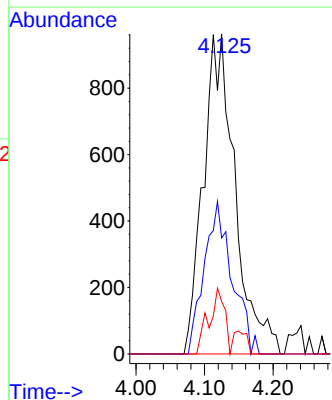
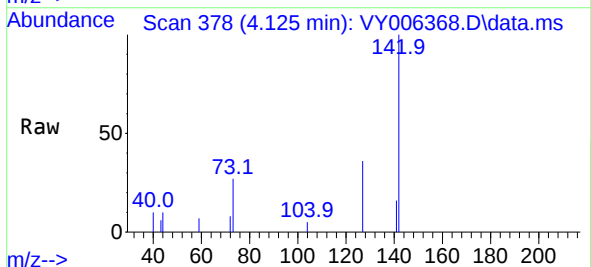
Instrument :
MSVOA_Y
ClientSampleId :
20-20211007-WC

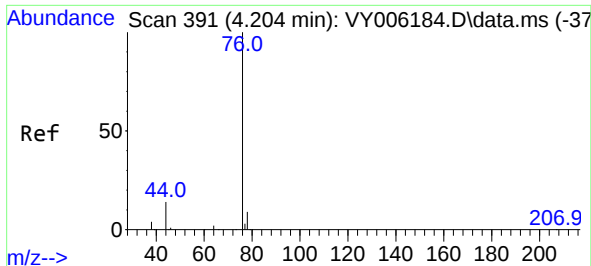
Tgt Ion: 94 Resp: 3148
Ion Ratio Lower Upper
94 100
96 92.1 73.5 110.3



#10
Methyl Iodide
Concen: 2.230 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.025 min
Lab File: VY006368.D
Acq: 09 Oct 2021 16:22

Tgt Ion: 142 Resp: 3105
Ion Ratio Lower Upper
142 100
127 41.8 41.5 62.3
141 10.1 11.9 17.9#

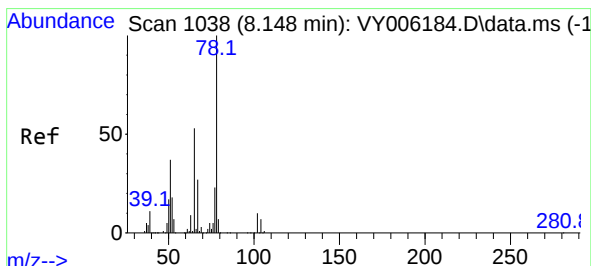
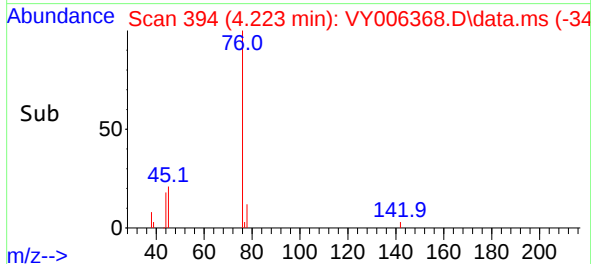
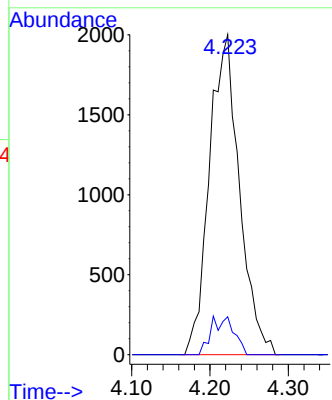
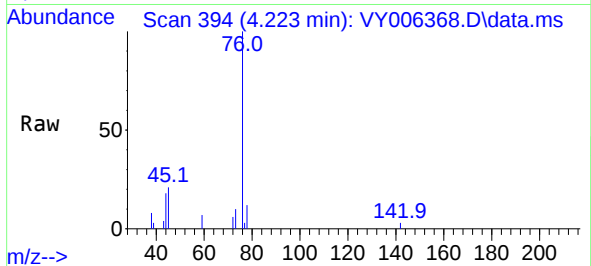




#17
Carbon Disulfide
Concen: 1.229 ug/l
RT: 4.223 min Scan# 394
Delta R.T. 0.019 min
Lab File: VY006368.D
Acq: 09 Oct 2021 16:22

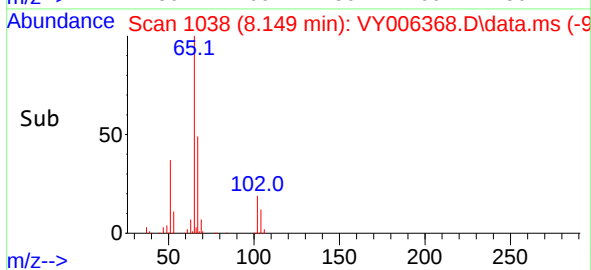
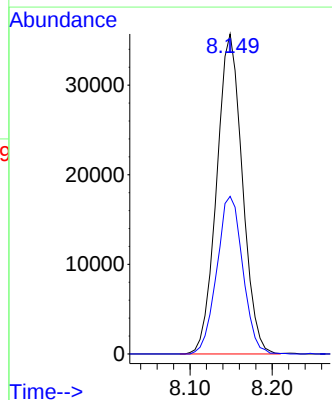
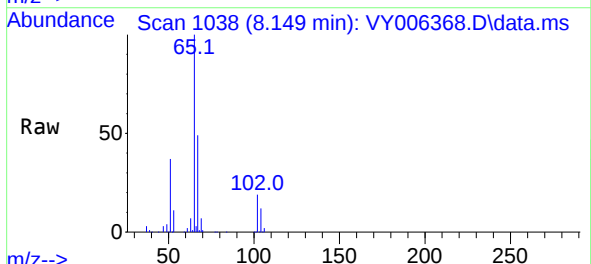
Instrument :
MSVOA_Y
ClientSampleId :
20-20211007-WC

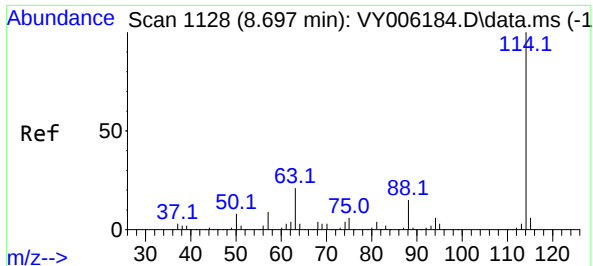
Tgt Ion: 76 Resp: 5342
Ion Ratio Lower Upper
76 100
78 11.8 7.4 11.0#



#33
1,2-Dichloroethane-d4
Concen: 52.181 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006368.D
Acq: 09 Oct 2021 16:22

Tgt Ion: 65 Resp: 77499
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4



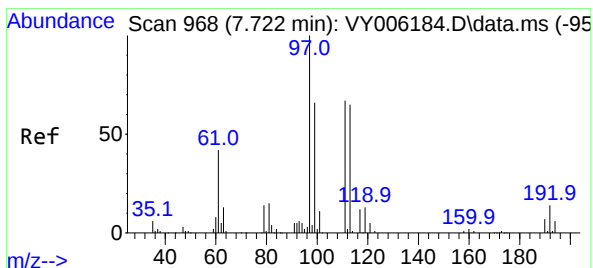
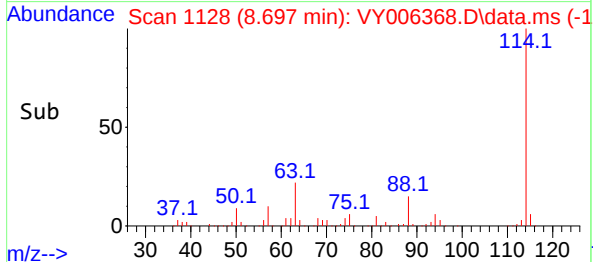
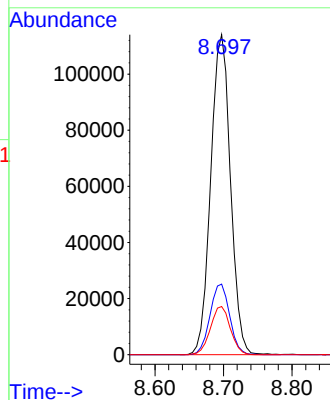
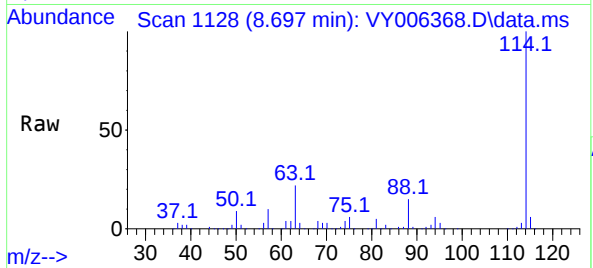


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006368.D
Acq: 09 Oct 2021 16:22

Instrument :
MSVOA_Y
ClientSampleId :
20-20211007-WC

Tgt Ion:114 Resp: 228217

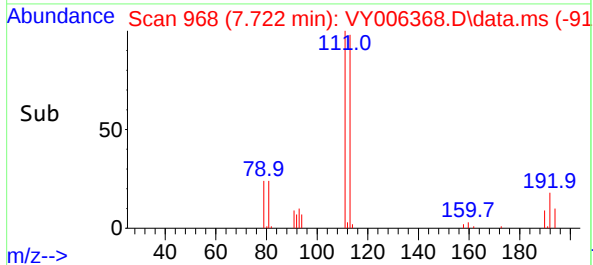
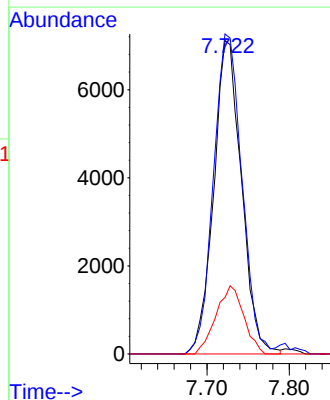
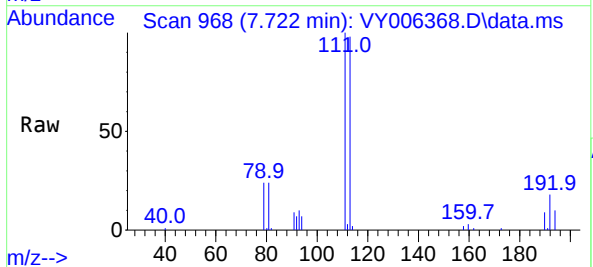
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	43.2
88	15.1	0.0	31.8

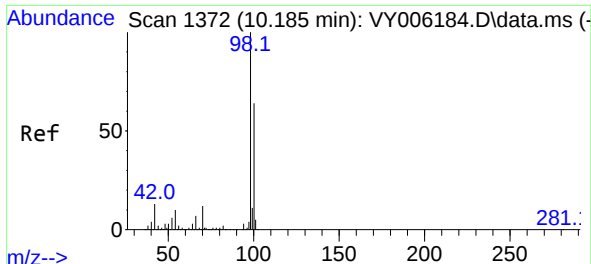


#35
Dibromofluoromethane
Concen: 13.670 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006368.D
Acq: 09 Oct 2021 16:22

Tgt Ion:113 Resp: 16668

Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.6	124.0
192	21.8	17.6	26.4

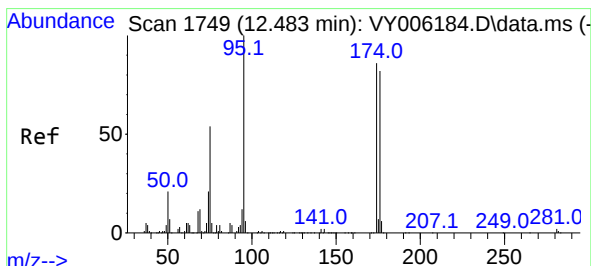
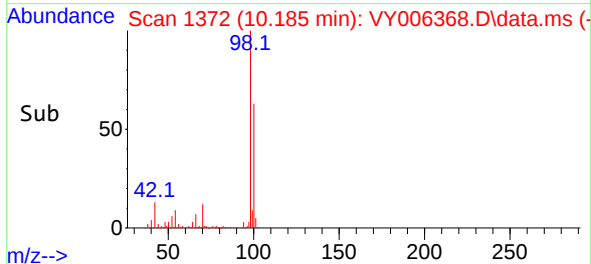
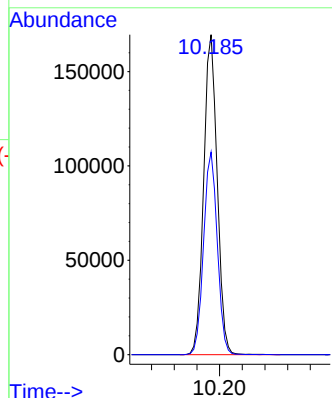
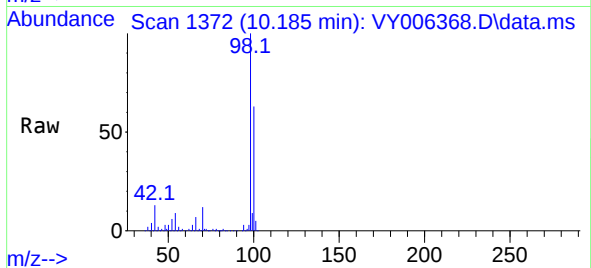




#50
Toluene-d8
Concen: 55.011 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006368.D
Acq: 09 Oct 2021 16:22

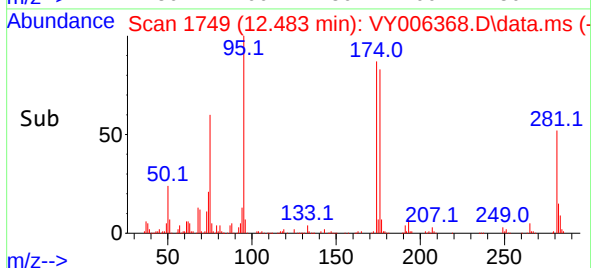
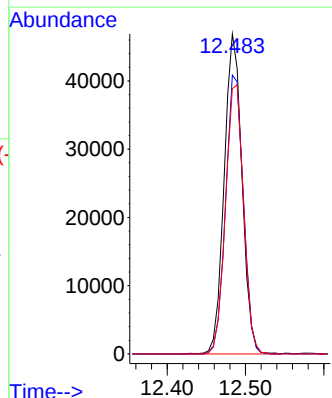
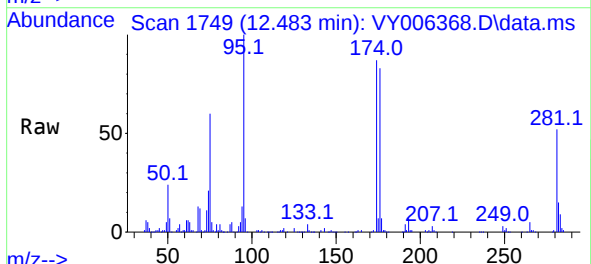
Instrument :
MSVOA_Y
ClientSampleId :
20-20211007-WC

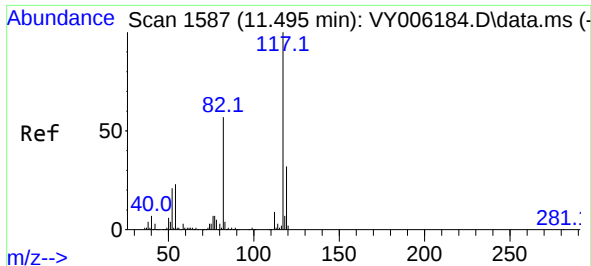
Tgt Ion: 98 Resp: 280715
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.726 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006368.D
Acq: 09 Oct 2021 16:22

Tgt Ion: 95 Resp: 74067
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 85.2 0.0 175.8



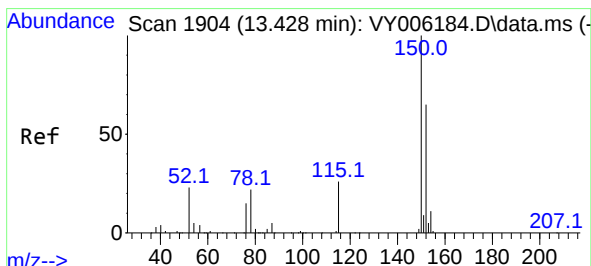
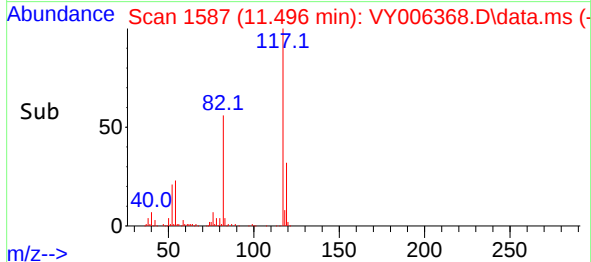
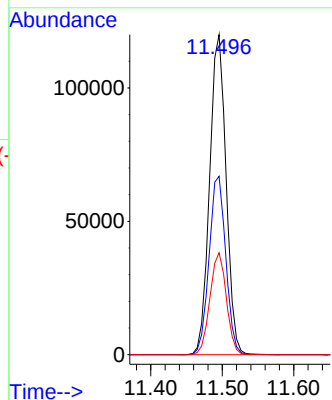
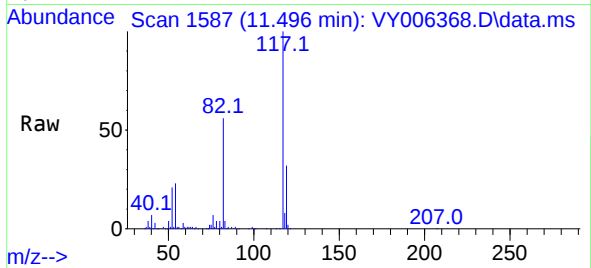


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006368.D
Acq: 09 Oct 2021 16:22

Instrument :
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Tgt Ion:117 Resp: 192008

Ion	Ratio	Lower	Upper
117	100		
82	55.8	43.0	64.4
119	31.8	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: VY006368.D
Acq: 09 Oct 2021 16:22

Tgt Ion:152 Resp: 66444

Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.2	84.7
150	158.2	0.0	347.6

