

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006255.D
 Acq On : 01 Oct 2021 11:32
 Operator : SY/MD
 Sample : M3999-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 02:10:46 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)

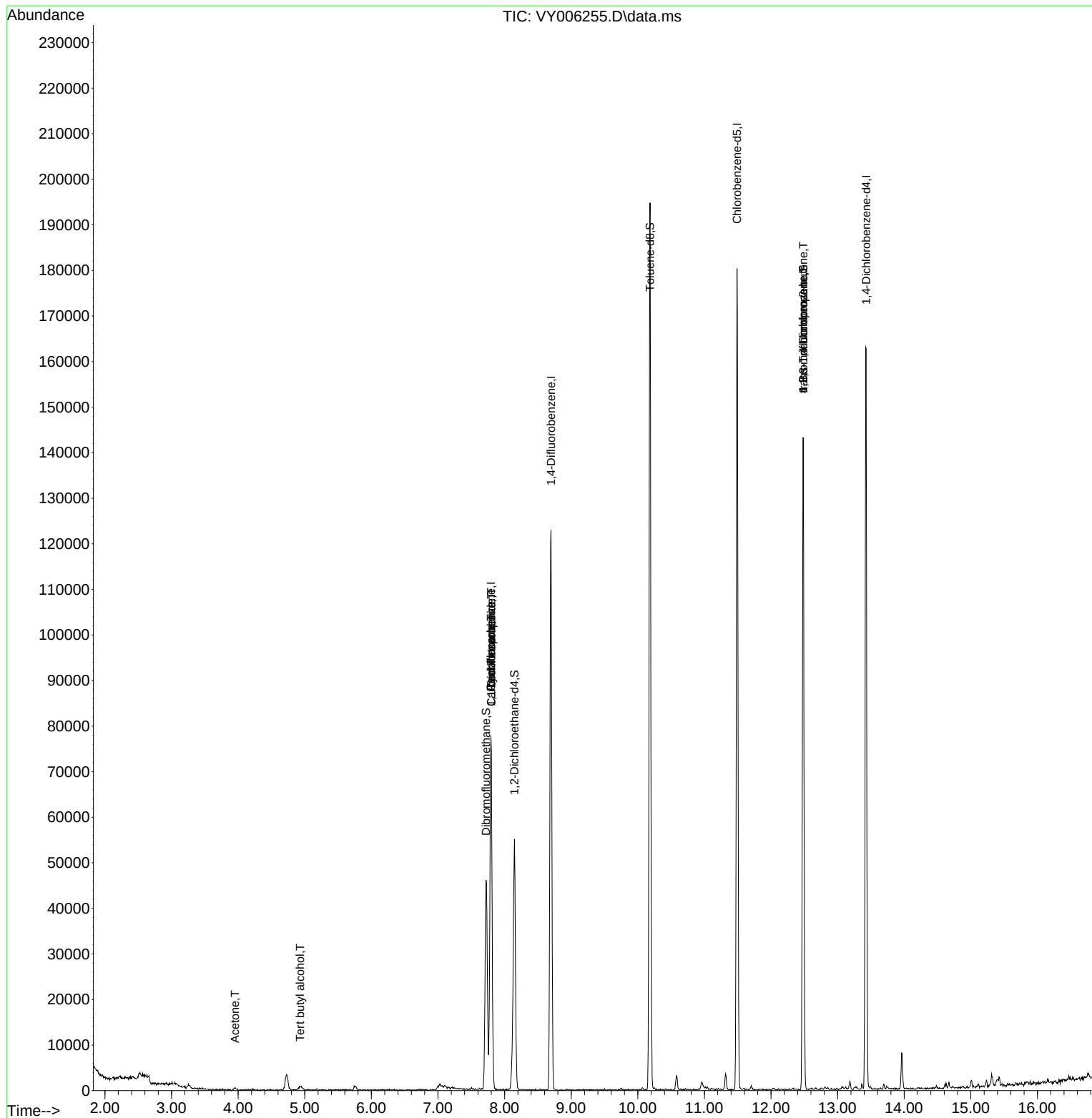
Internal Standards						
1) Pentafluorobenzene	7.795	168	60810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	99986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	95706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	42723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	42447	65.218	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.440%	
35) Dibromofluoromethane	7.722	113	31802	59.534	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.060%	
50) Toluene-d8	10.185	98	125258	56.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.060%	
62) 4-Bromofluorobenzene	12.483	95	38064	50.118	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	999	17.547	ug/l #	77
16) Acetone	3.954	43	855	4.703	ug/l #	77
31) Cyclohexane	7.795	56	1403	1.138	ug/l #	30
36) 1,1-Dichloropropene	7.801	75	5019	5.045	ug/l #	50
38) Carbon Tetrachloride	7.801	117	5831	5.551	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	21544	51.883	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	21544	101.957	ug/l #	7

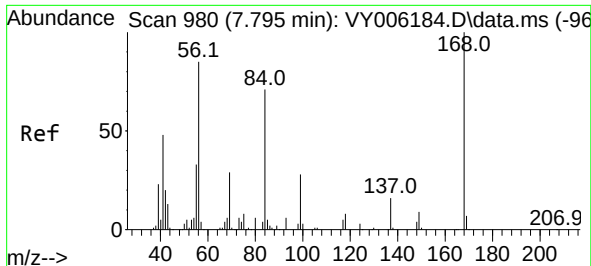
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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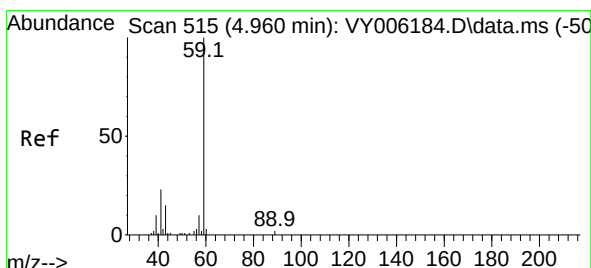
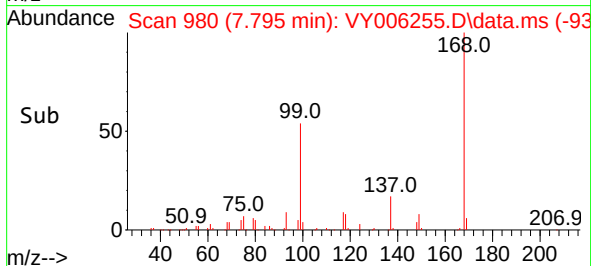
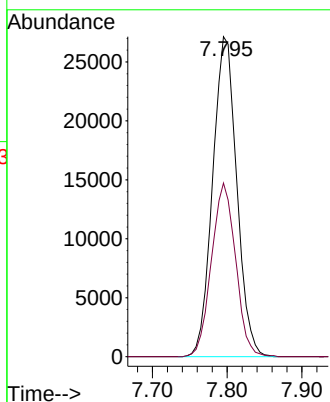
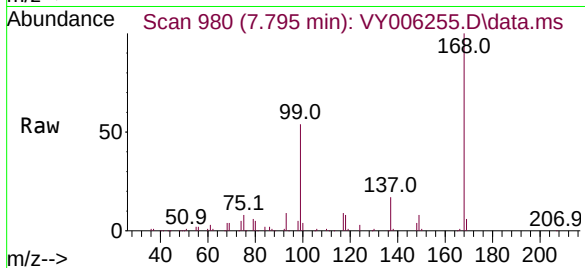




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006255.D
Acq: 01 Oct 2021 11:32

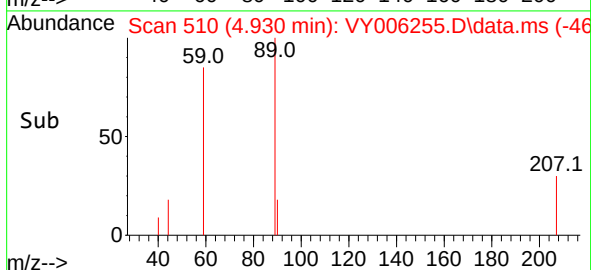
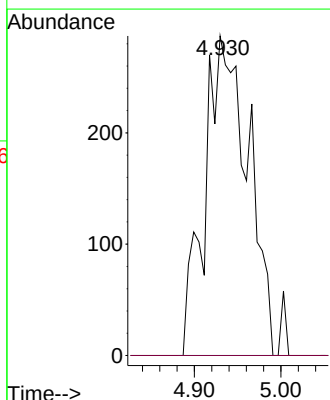
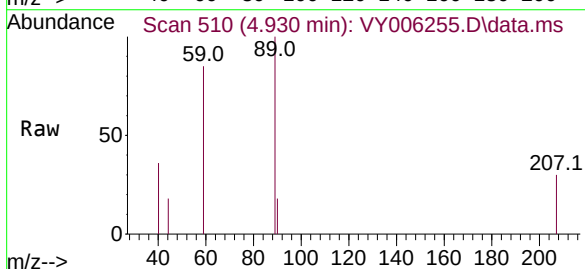
Instrument :
MSVOA_Y
ClientSampled :

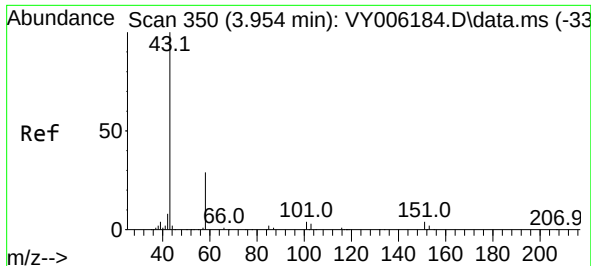
Tgt Ion:168 Resp: 60810
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 17.547 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY006255.D
Acq: 01 Oct 2021 11:32

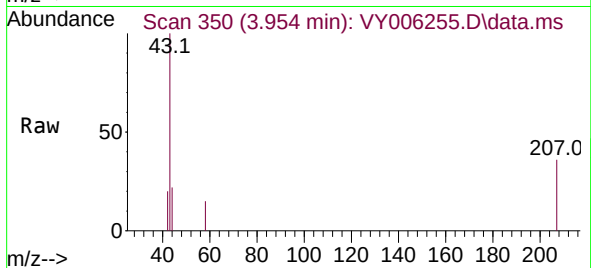
Tgt Ion: 59 Resp: 999
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



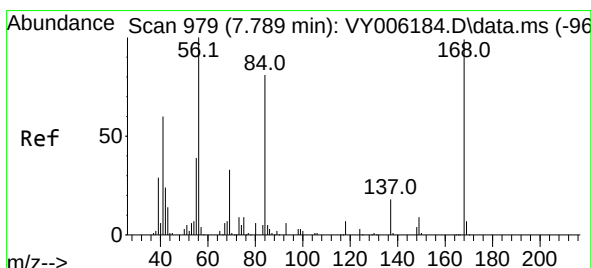
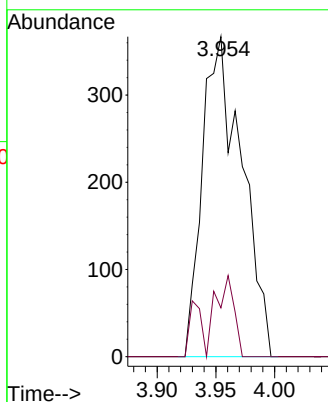
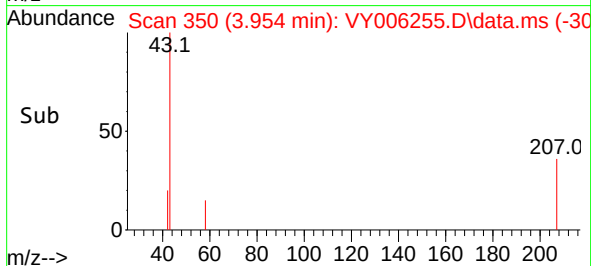


#16
Acetone
Concen: 4.703 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006255.D
Acq: 01 Oct 2021 11:32

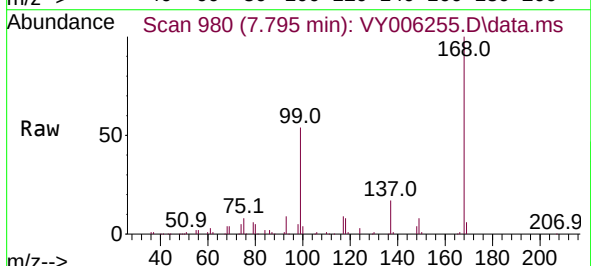
Instrument :
MSVOA_Y
ClientSampled :



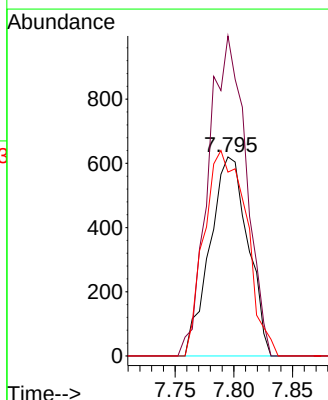
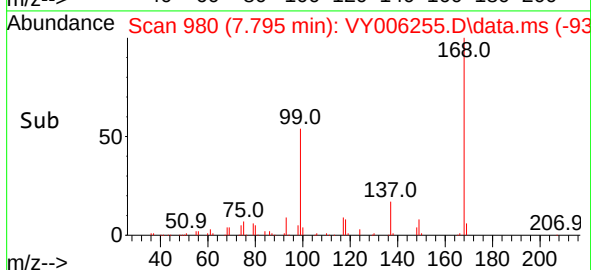
Tgt Ion: 43 Resp: 855
Ion Ratio Lower Upper
43 100
58 15.3 22.0 33.0#

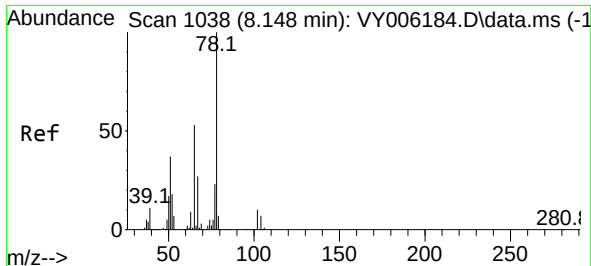


#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006255.D
Acq: 01 Oct 2021 11:32



Tgt Ion: 56 Resp: 1403
Ion Ratio Lower Upper
56 100
69 160.8 26.7 40.1#
84 92.4 67.2 100.8

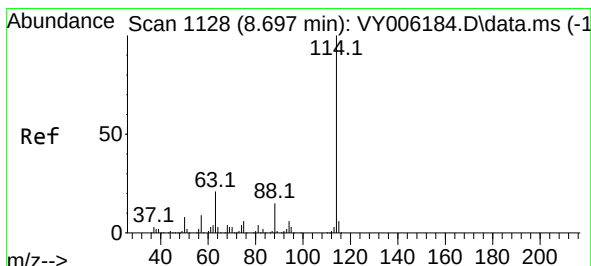
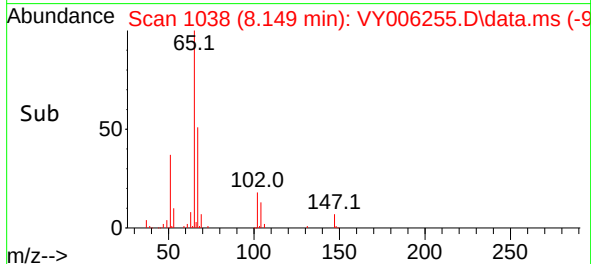
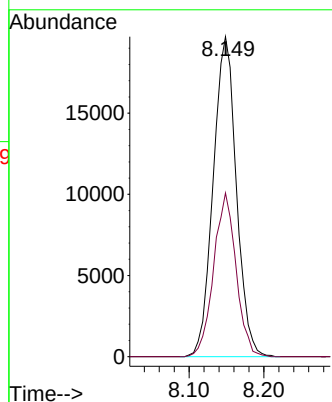
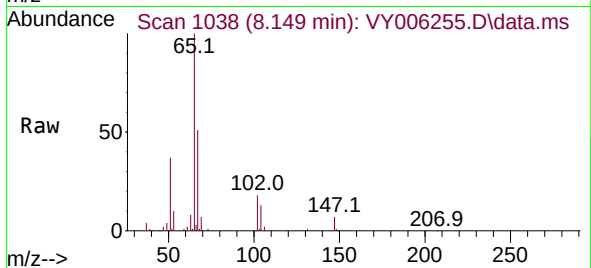




#33
1,2-Dichloroethane-d4
Concen: 65.218 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006255.D
Acq: 01 Oct 2021 11:32

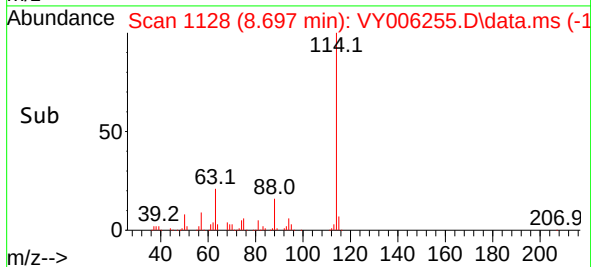
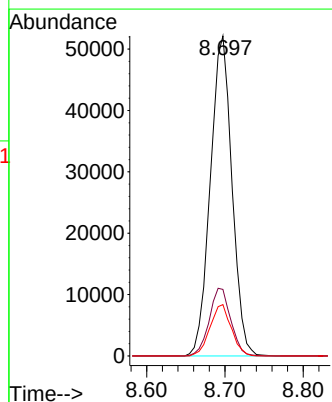
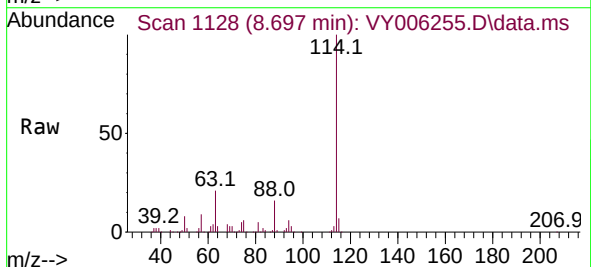
Instrument :
MSVOA_Y
ClientSampleId :

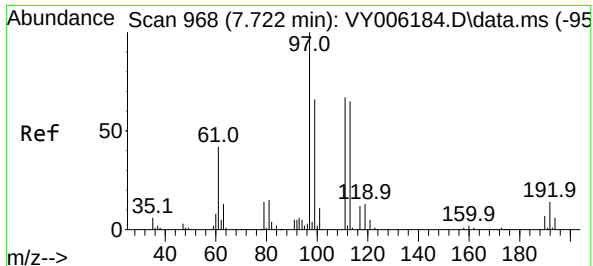
Tgt Ion: 65 Resp: 42447
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006255.D
Acq: 01 Oct 2021 11:32

Tgt Ion: 114 Resp: 99986
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.2
88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 59.534 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006255.D

Acq: 01 Oct 2021 11:32

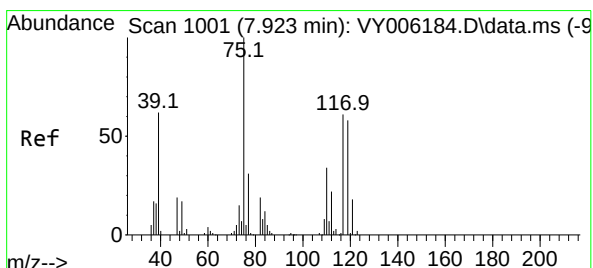
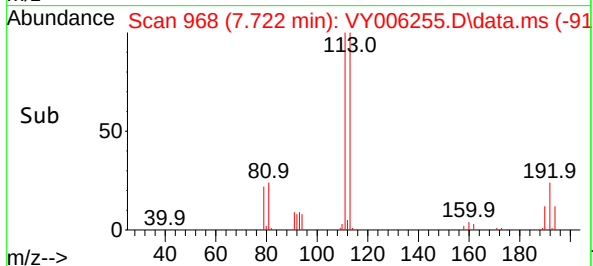
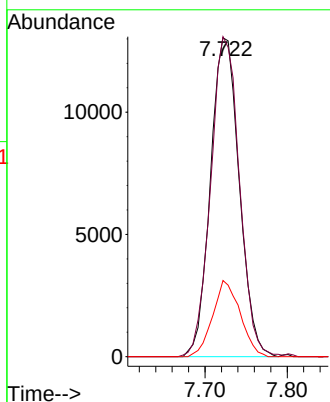
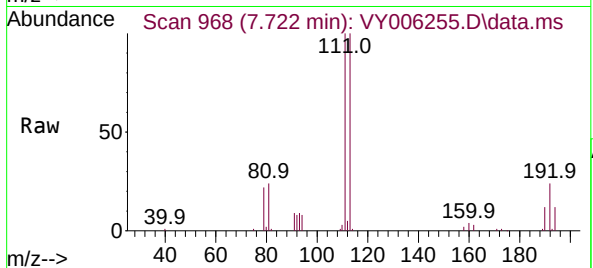
Tgt Ion:113 Resp: 31802

Ion Ratio Lower Upper

113 100

111 100.4 82.6 124.0

192 22.8 17.6 26.4



#36

1,1-Dichloropropene

Concen: 5.045 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY006255.D

Acq: 01 Oct 2021 11:32

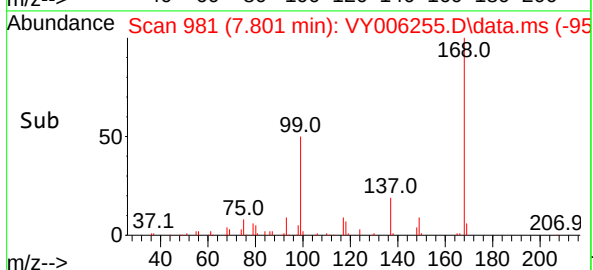
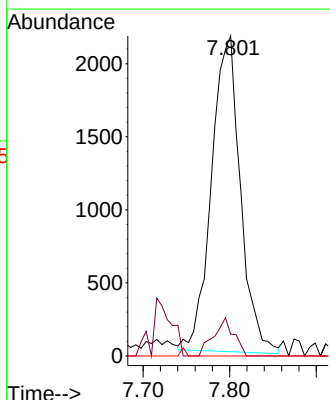
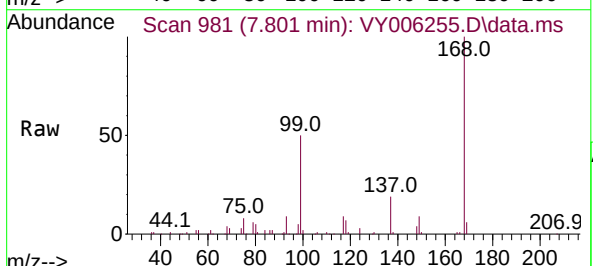
Tgt Ion: 75 Resp: 5019

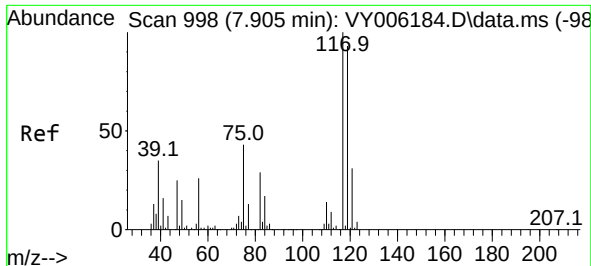
Ion Ratio Lower Upper

75 100

110 8.4 17.1 51.2#

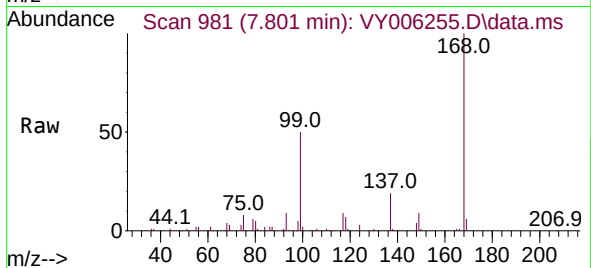
77 0.0 24.4 36.6#



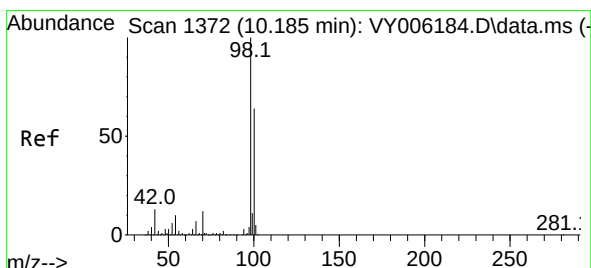
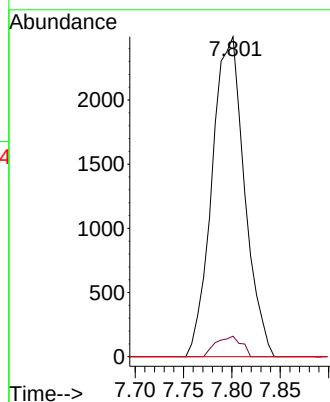
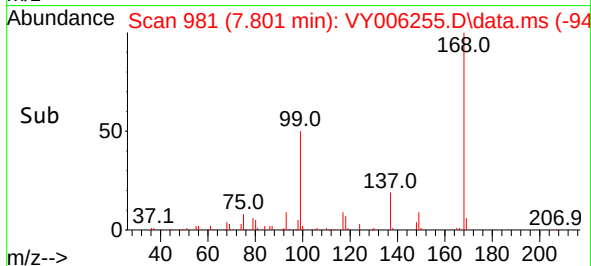


#38
Carbon Tetrachloride
Concen: 5.551 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006255.D
Acq: 01 Oct 2021 11:32

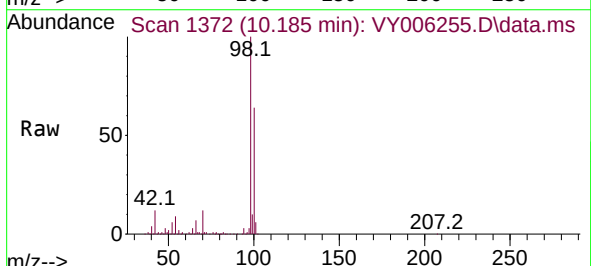
Instrument :
MSVOA_Y
ClientSampleId :



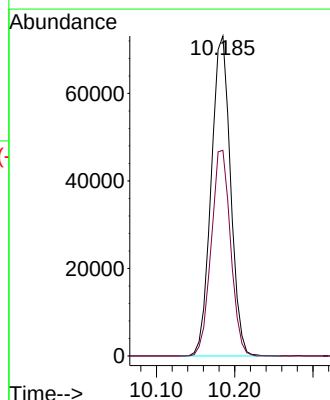
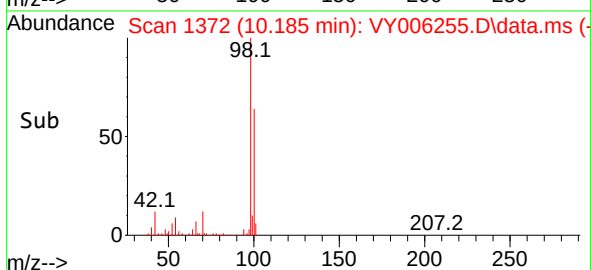
Tgt Ion:117 Resp: 5831
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#

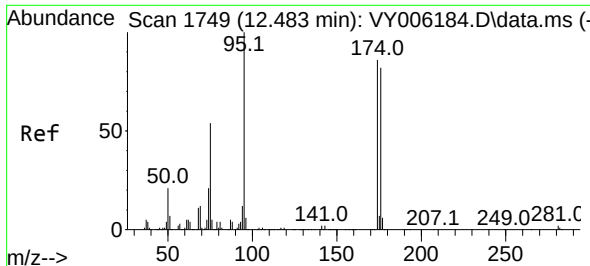


#50
Toluene-d8
Concen: 56.027 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006255.D
Acq: 01 Oct 2021 11:32



Tgt Ion: 98 Resp: 125258
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

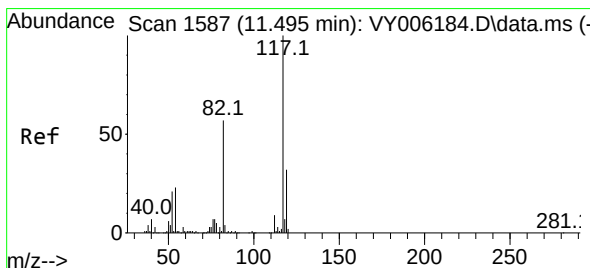
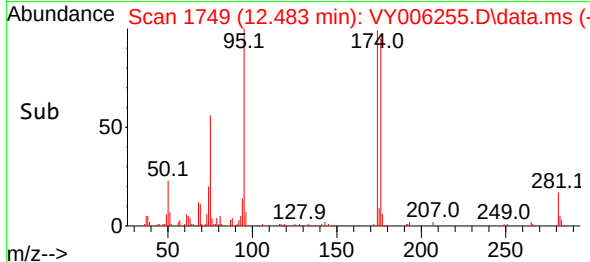
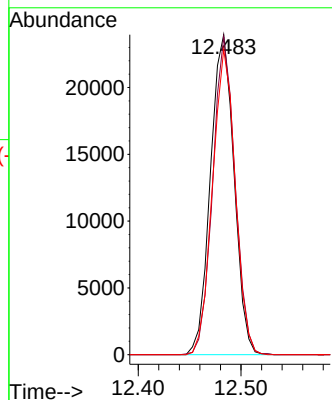
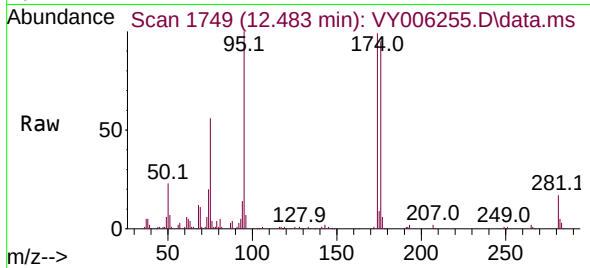




#62
4-Bromofluorobenzene
Concen: 50.118 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006255.D
Acq: 01 Oct 2021 11:32

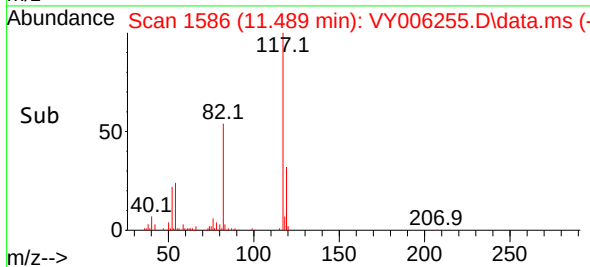
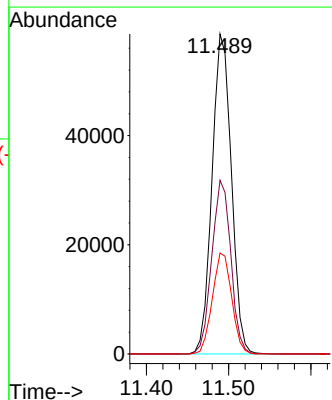
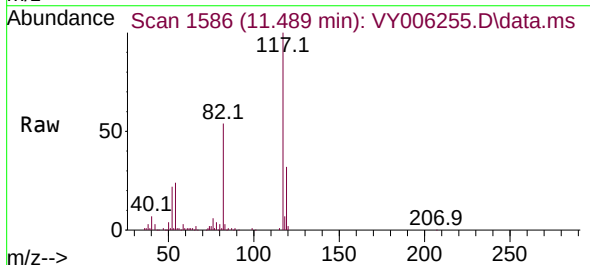
Instrument :
MSVOA_Y
ClientSampleId :

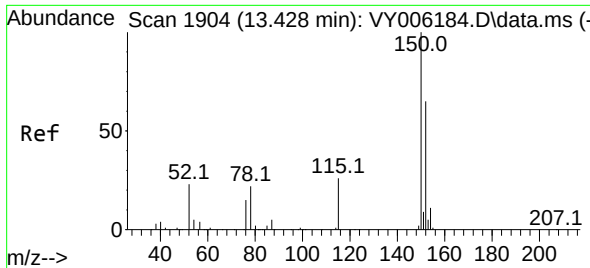
Tgt Ion:	95	Resp:	38064
Ion	Ratio	Lower	Upper
95	100		
174	93.9	0.0	177.0
176	92.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006255.D
Acq: 01 Oct 2021 11:32

Tgt Ion:	117	Resp:	95706
Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.0	64.4
119	31.6	25.4	38.0

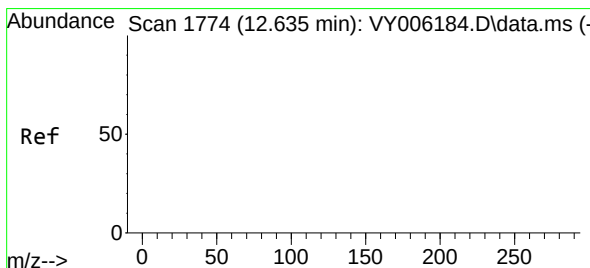
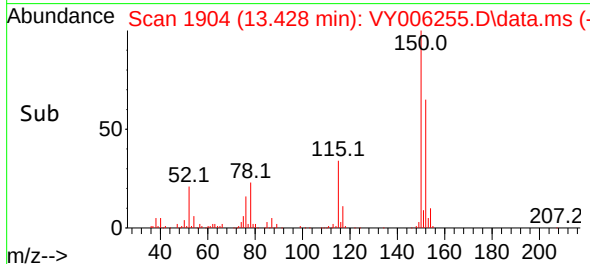
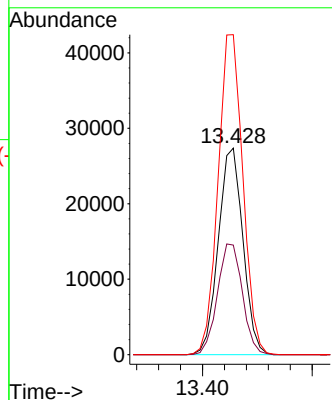
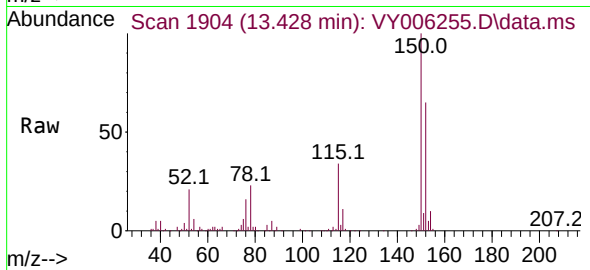




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006255.D
 Acq: 01 Oct 2021 11:32

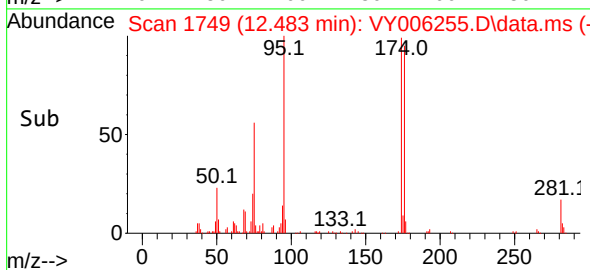
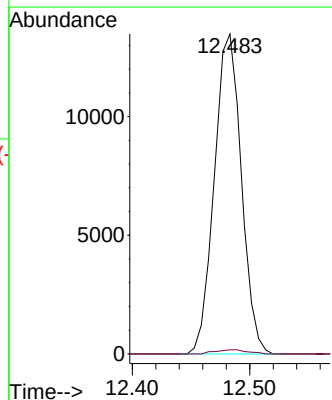
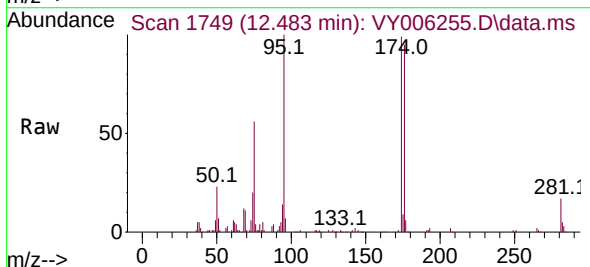
Instrument :
 MSVOA_Y
 ClientSampleId :

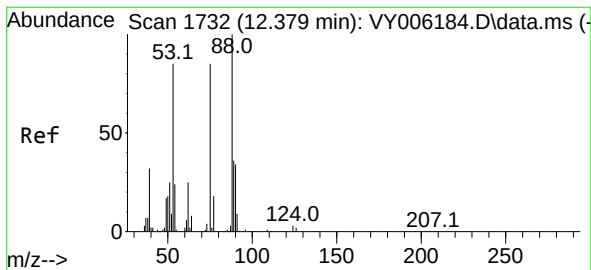
Tgt Ion:152 Resp: 42723
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.883 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006255.D
 Acq: 01 Oct 2021 11:32

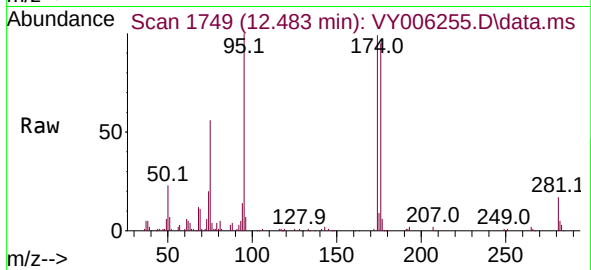
Tgt Ion: 75 Resp: 21544
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.957 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006255.D
 Acq: 01 Oct 2021 11:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 21544
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

