

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006150.D
 Acq On : 24 Sep 2021 19:48
 Operator : SY/MD
 Sample : M3934-01
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-5

Quant Time: Sep 25 05:48:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

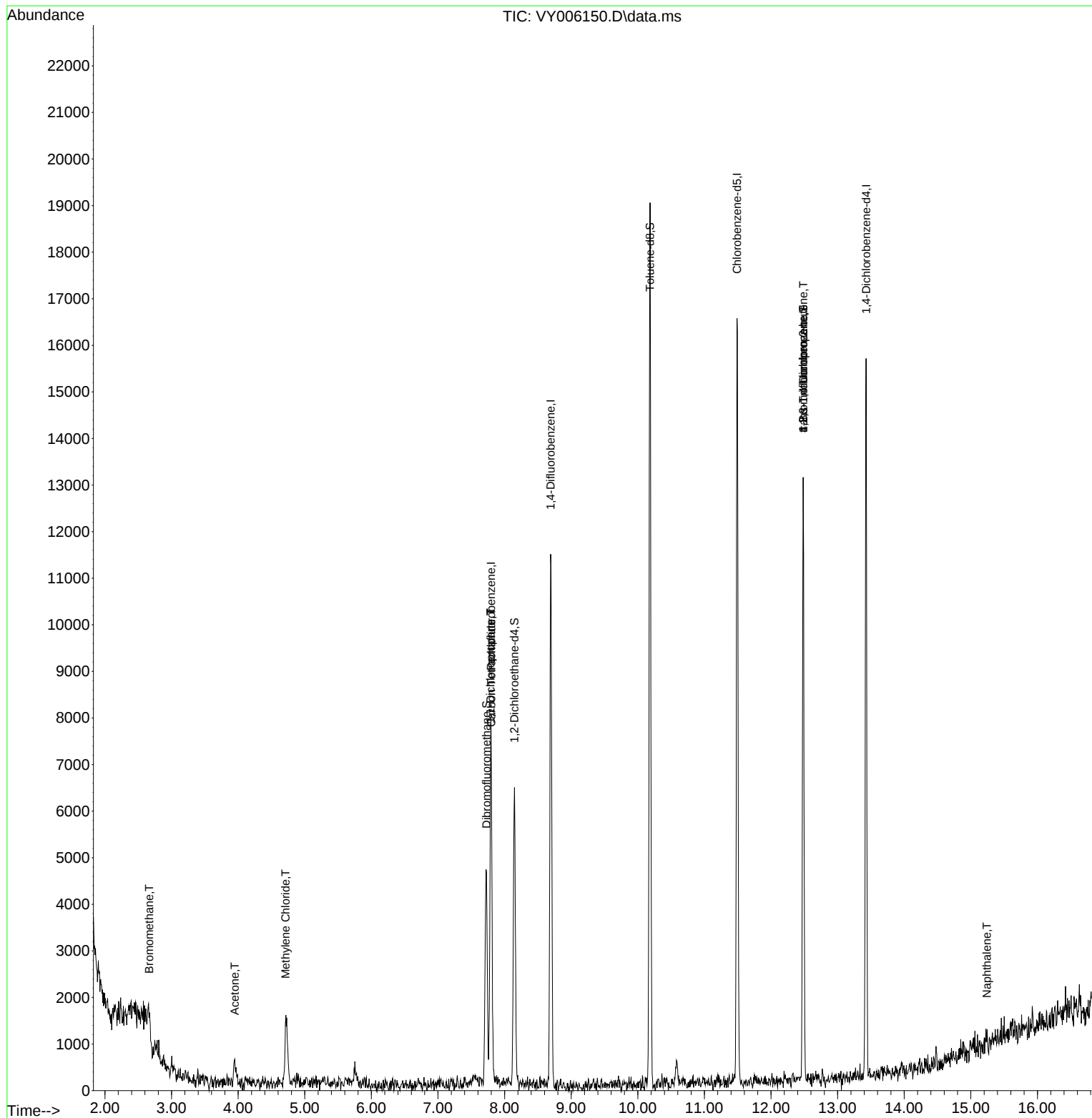
Internal Standards						
1) Pentafluorobenzene	7.795	168	6465	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	10034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	9277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	4040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	5389	60.009	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.020%	
35) Dibromofluoromethane	7.728	113	3181	51.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.080%	
50) Toluene-d8	10.185	98	12221	46.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.020%	
62) 4-Bromofluorobenzene	12.483	95	3613	40.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.120%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	85	1.366	ug/l #	4
16) Acetone	3.948	43	874	35.484	ug/l #	80
20) Methylene Chloride	4.710	84	919	8.059	ug/l #	74
36) 1,1-Dichloropropene	7.789	75	460	4.247	ug/l #	46
38) Carbon Tetrachloride	7.801	117	638	5.411	ug/l #	11
76) 1,2,3-Trichloropropane	12.483	75	2094	48.614	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2094	89.377	ug/l #	7
95) Naphthalene	15.239	128	351	2.175	ug/l #	69

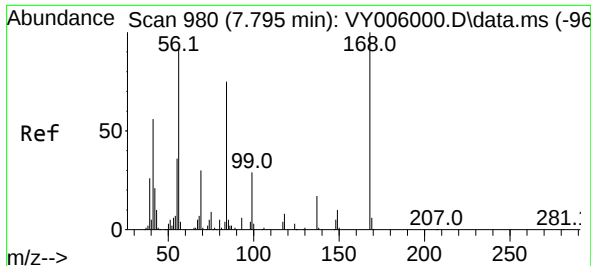
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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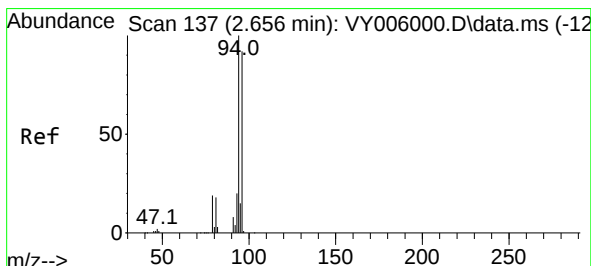
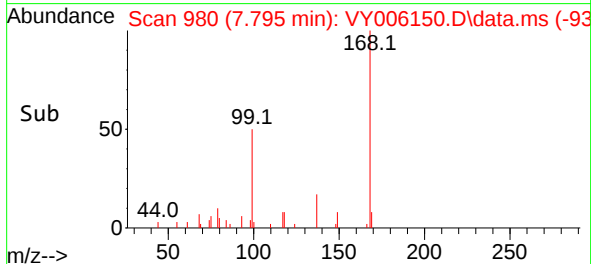
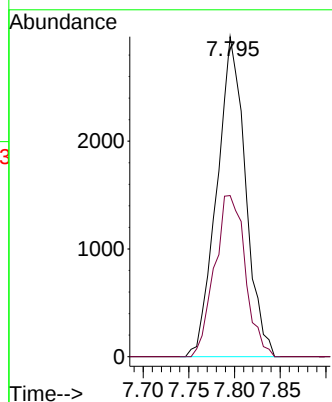
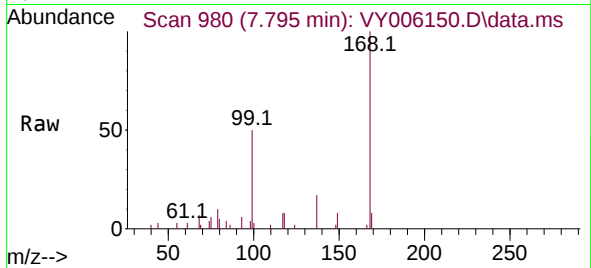




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

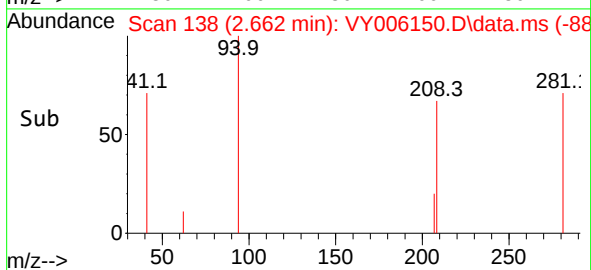
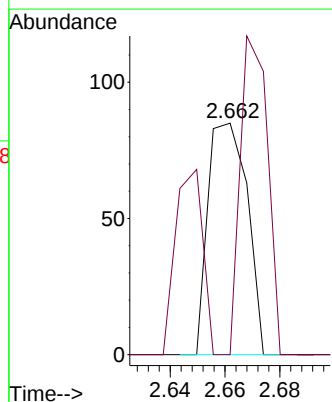
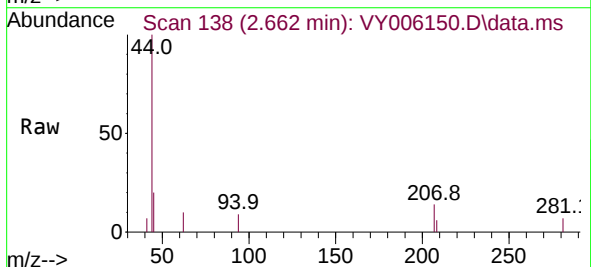
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

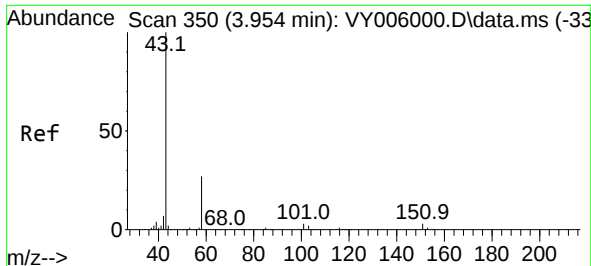
Tgt Ion:168 Resp: 6465
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#5
Bromomethane
Concen: 1.366 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

Tgt Ion: 94 Resp: 85
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#

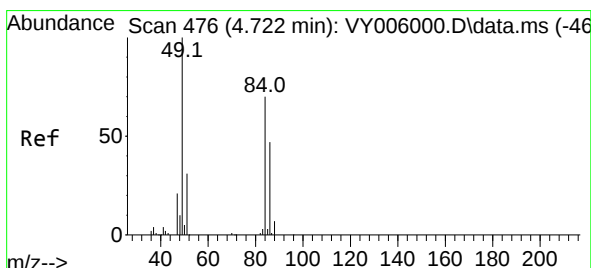
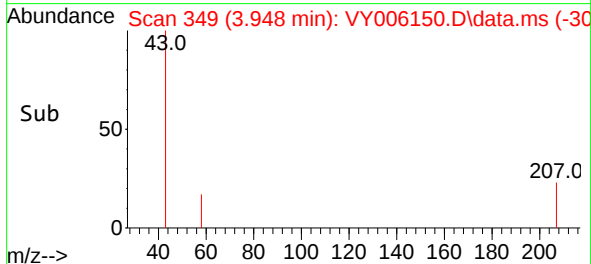
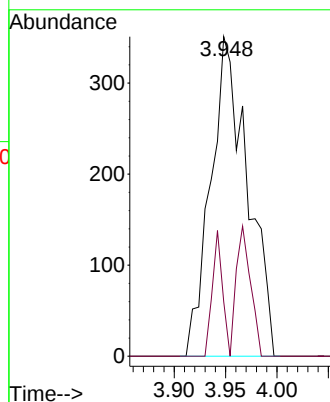
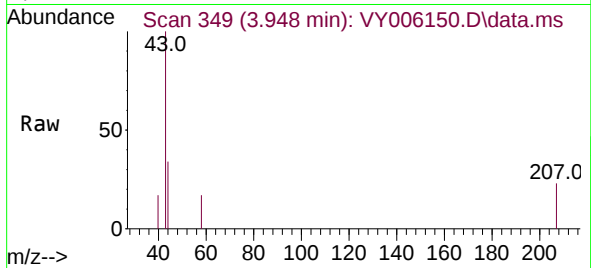




#16
Acetone
Concen: 35.484 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

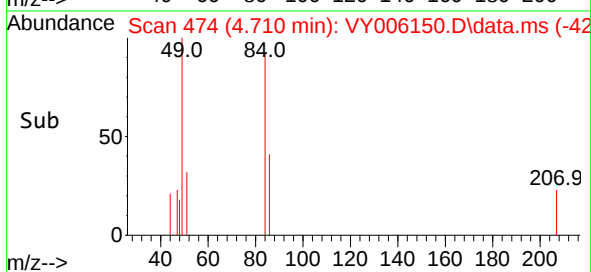
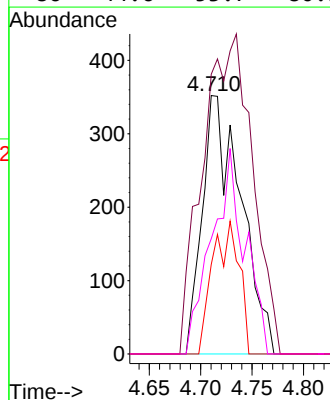
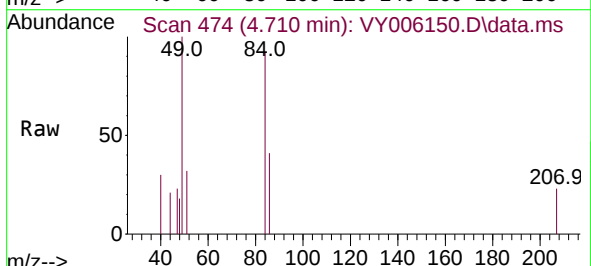
Instrument :
MSVOA_Y
ClientSampled :
TP-5

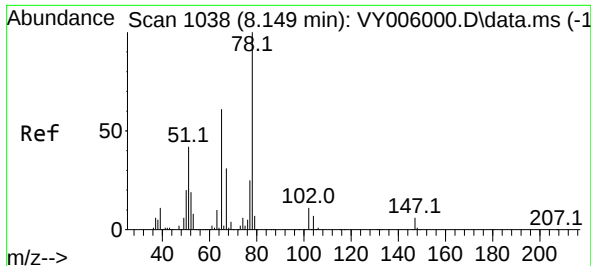
Tgt Ion: 43 Resp: 874
Ion Ratio Lower Upper
43 100
58 17.1 22.0 33.0#



#20
Methylene Chloride
Concen: 8.059 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

Tgt Ion: 84 Resp: 919
Ion Ratio Lower Upper
84 100
49 108.2 114.4 171.6#
51 34.7 35.3 52.9#
86 44.6 53.7 80.5#

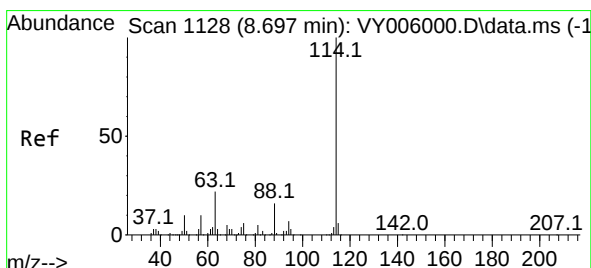
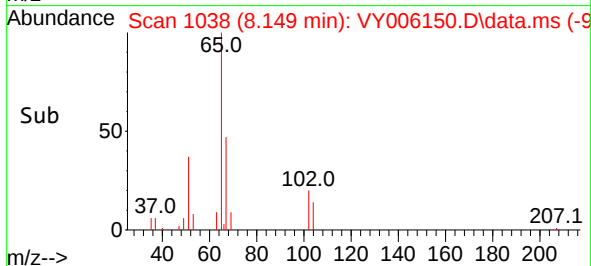
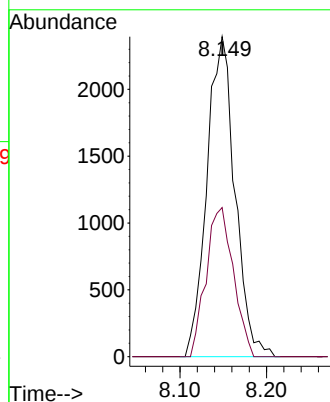
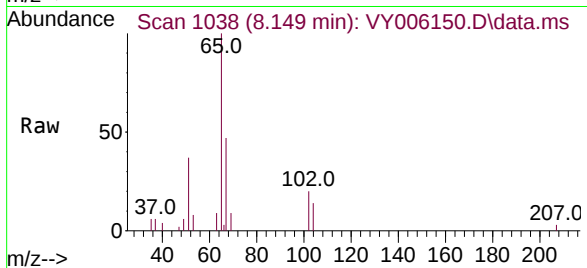




#33
1,2-Dichloroethane-d4
Concen: 60.009 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

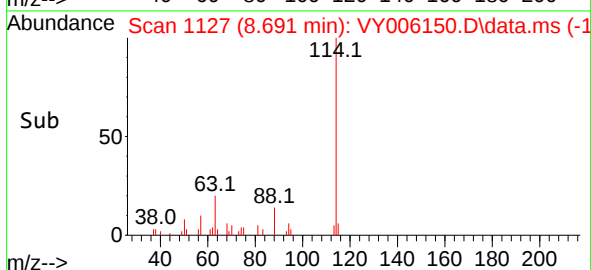
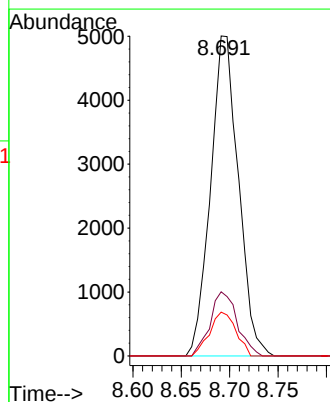
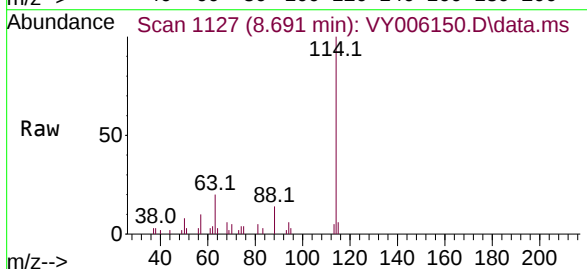
Instrument :
MSVOA_Y
ClientSampleId :
TP-5

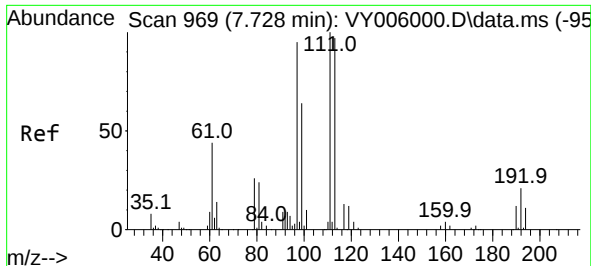
Tgt Ion: 65 Resp: 5389
Ion Ratio Lower Upper
65 100
67 45.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

Tgt Ion: 114 Resp: 10034
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 13.7 0.0 31.8

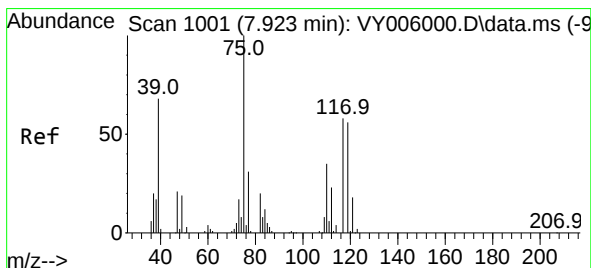
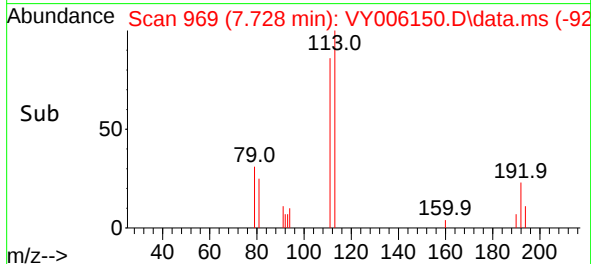
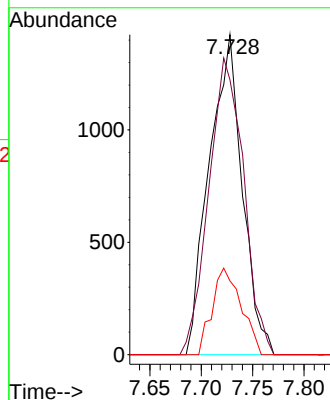
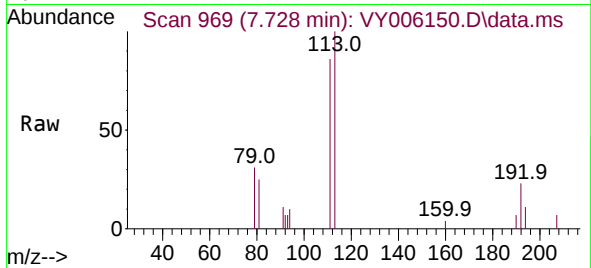




#35
Dibromofluoromethane
Concen: 51.041 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

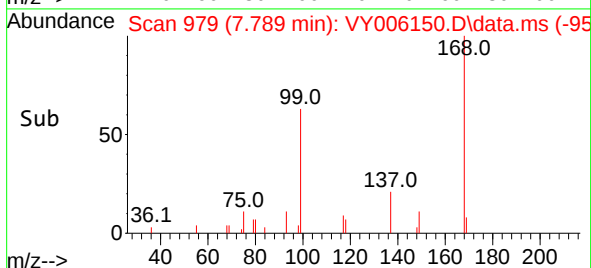
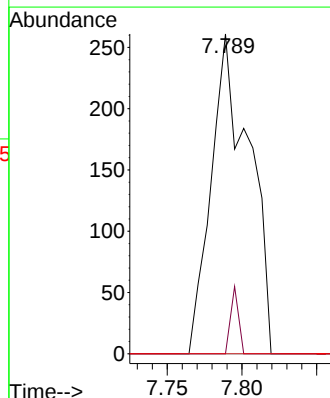
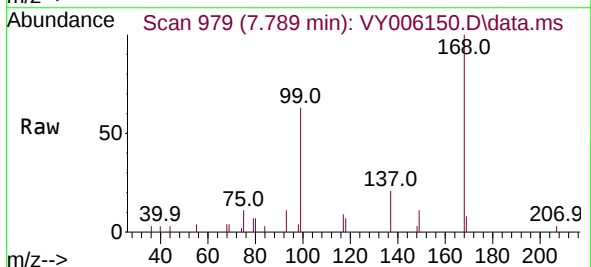
Instrument :
MSVOA_Y
ClientSampled :
TP-5

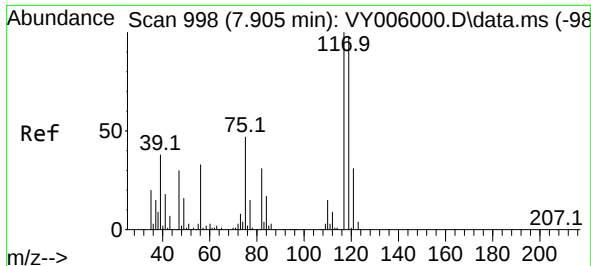
Tgt Ion:113 Resp: 3181
Ion Ratio Lower Upper
113 100
111 97.9 82.6 124.0
192 23.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.247 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

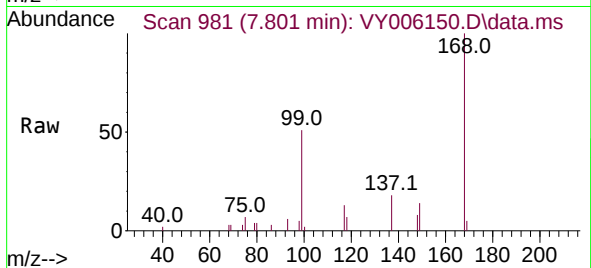
Tgt Ion: 75 Resp: 460
Ion Ratio Lower Upper
75 100
110 4.3 17.1 51.2#
77 0.0 24.4 36.6#



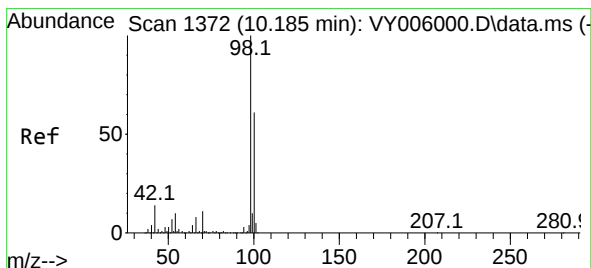
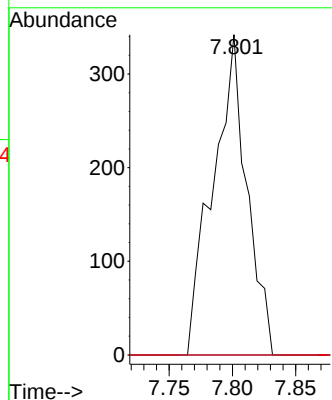
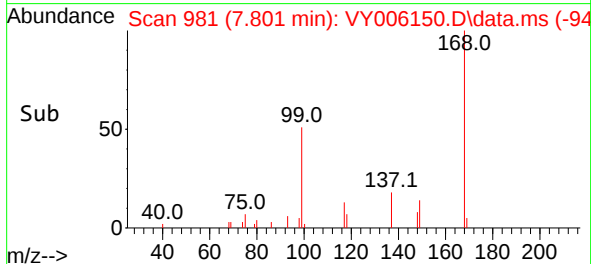


#38
Carbon Tetrachloride
Concen: 5.411 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

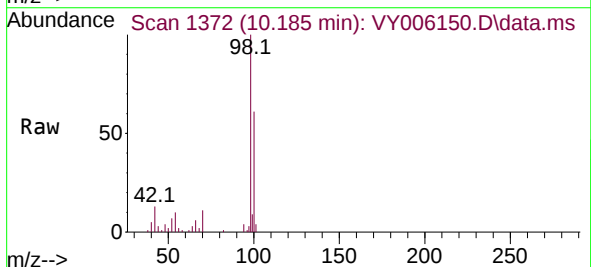
Instrument :
MSVOA_Y
ClientSampleId :
TP-5



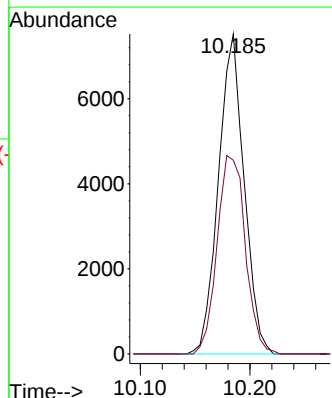
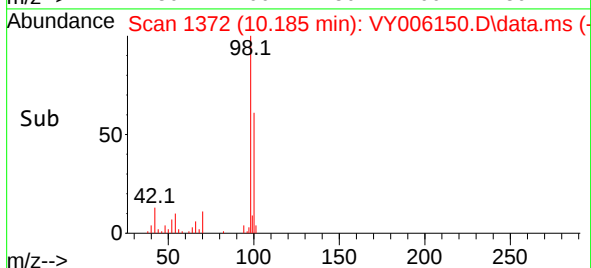
Tgt Ion: 117 Resp: 638
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

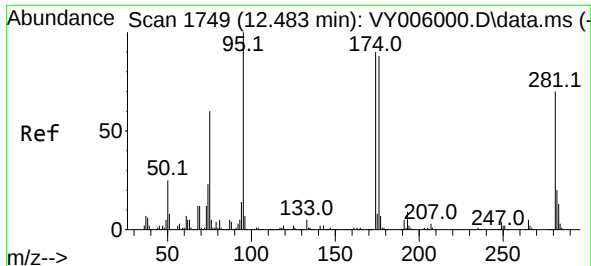


#50
Toluene-d8
Concen: 46.009 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48



Tgt Ion: 98 Resp: 12221
Ion Ratio Lower Upper
98 100
100 68.0 50.2 75.2

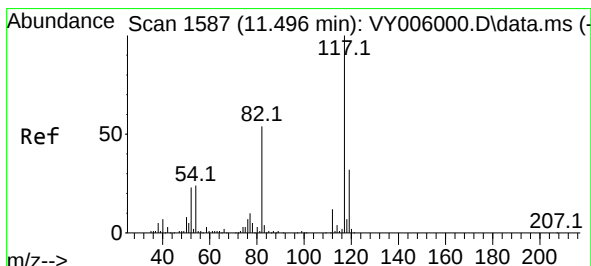
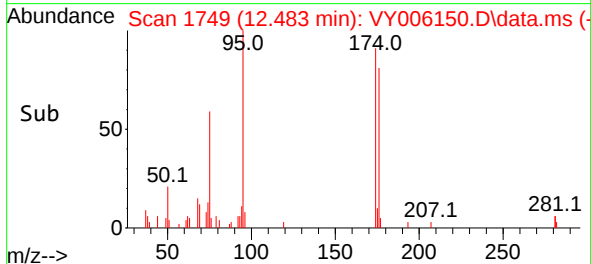
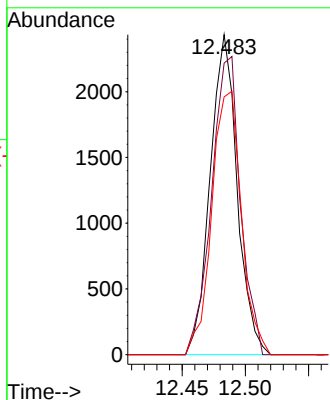
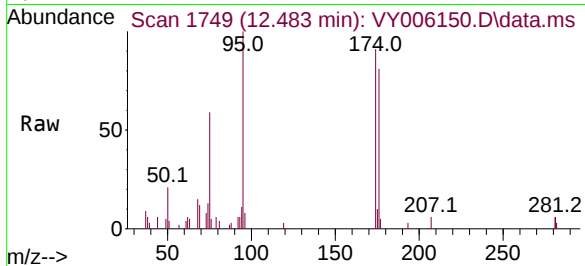




#62
4-Bromofluorobenzene
Concen: 40.063 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

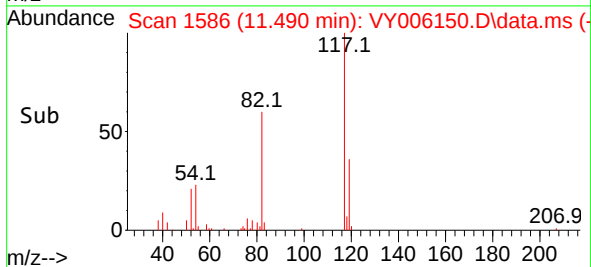
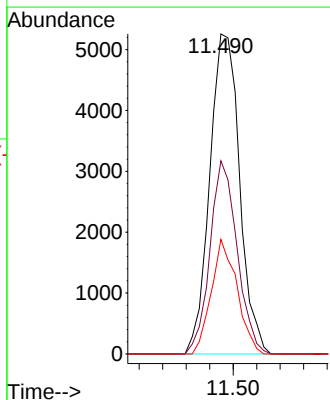
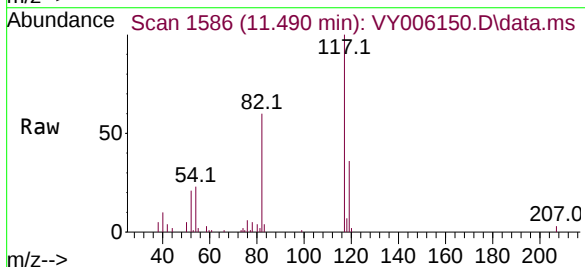
Instrument :
MSVOA_Y
ClientSampled :
TP-5

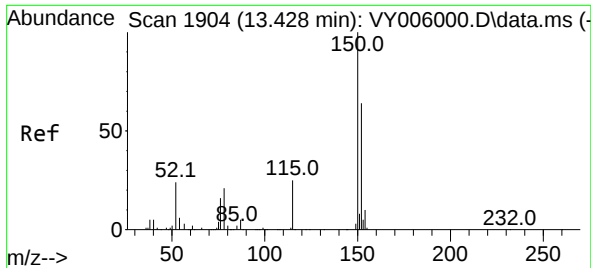
Tgt Ion: 95 Resp: 3613
Ion Ratio Lower Upper
95 100
174 99.8 0.0 177.0
176 90.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

Tgt Ion: 117 Resp: 9277
Ion Ratio Lower Upper
117 100
82 60.4 43.0 64.4
119 35.8 25.4 38.0

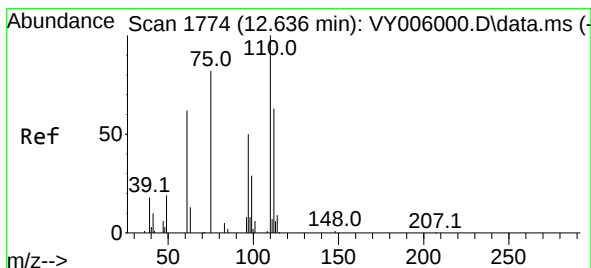
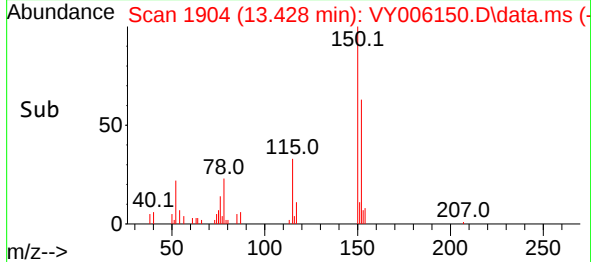
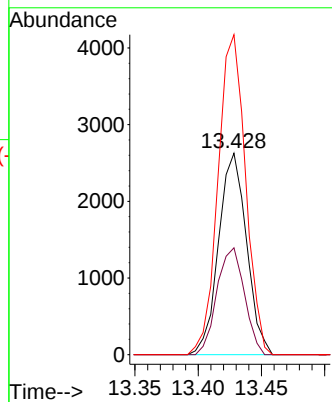
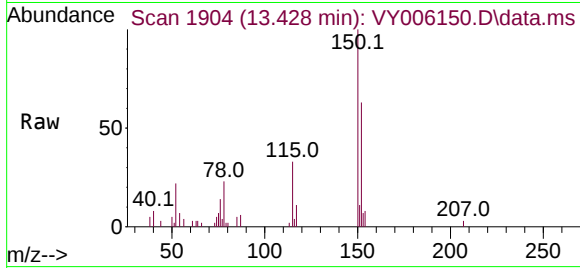




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006150.D
 Acq: 24 Sep 2021 19:48

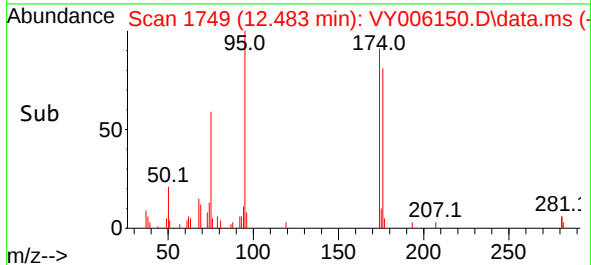
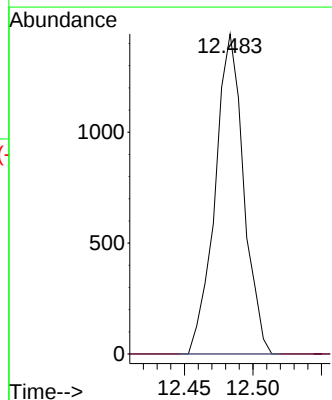
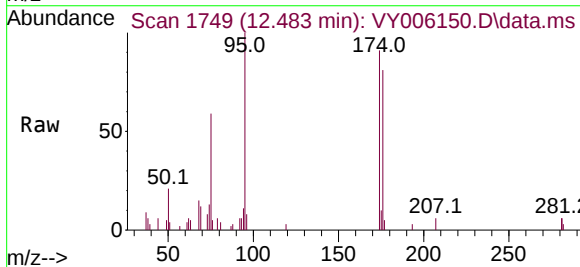
Instrument :
 MSVOA_Y
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 TP-5

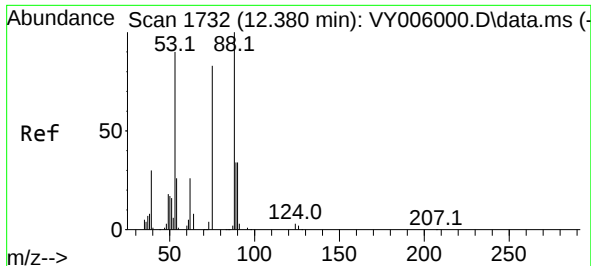
Tgt Ion:152 Resp: 4040
 Ion Ratio Lower Upper
 152 100
 115 51.9 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.614 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006150.D
 Acq: 24 Sep 2021 19:48

Tgt Ion: 75 Resp: 2094
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

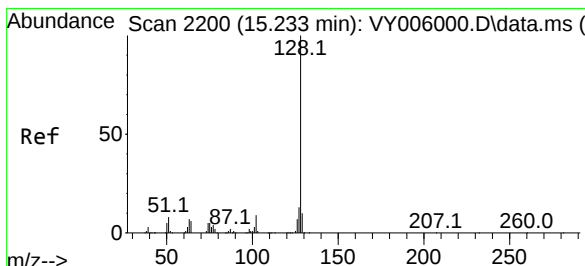
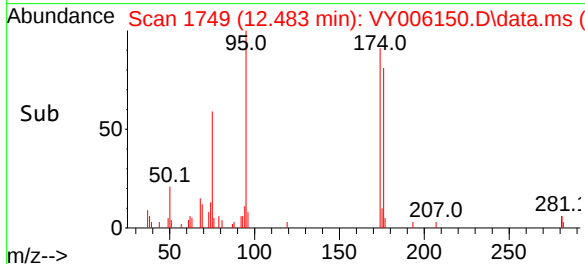
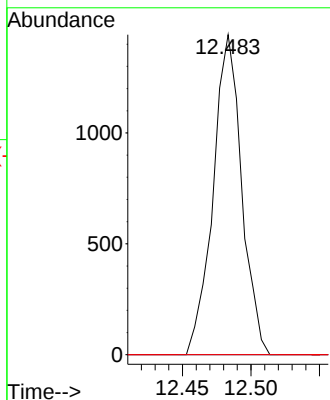
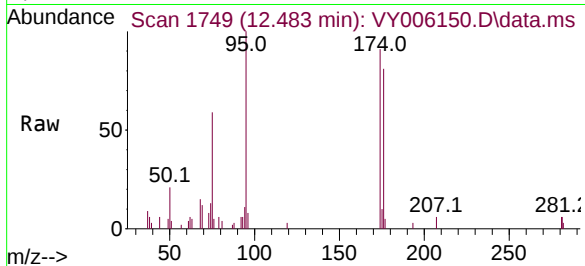




#81
trans-1,4-Dichloro-2-butene
Concen: 89.377 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

Instrument :
MSVOA_Y
ClientSampled :
TP-5

Tgt Ion: 75 Resp: 2094
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.175 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006150.D
Acq: 24 Sep 2021 19:48

Tgt Ion: 128 Resp: 351
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

