

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006142.D
 Acq On : 24 Sep 2021 16:42
 Operator : SY/MD
 Sample : M3917-16
 Misc : 5.87G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Sep 25 05:46:17 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)

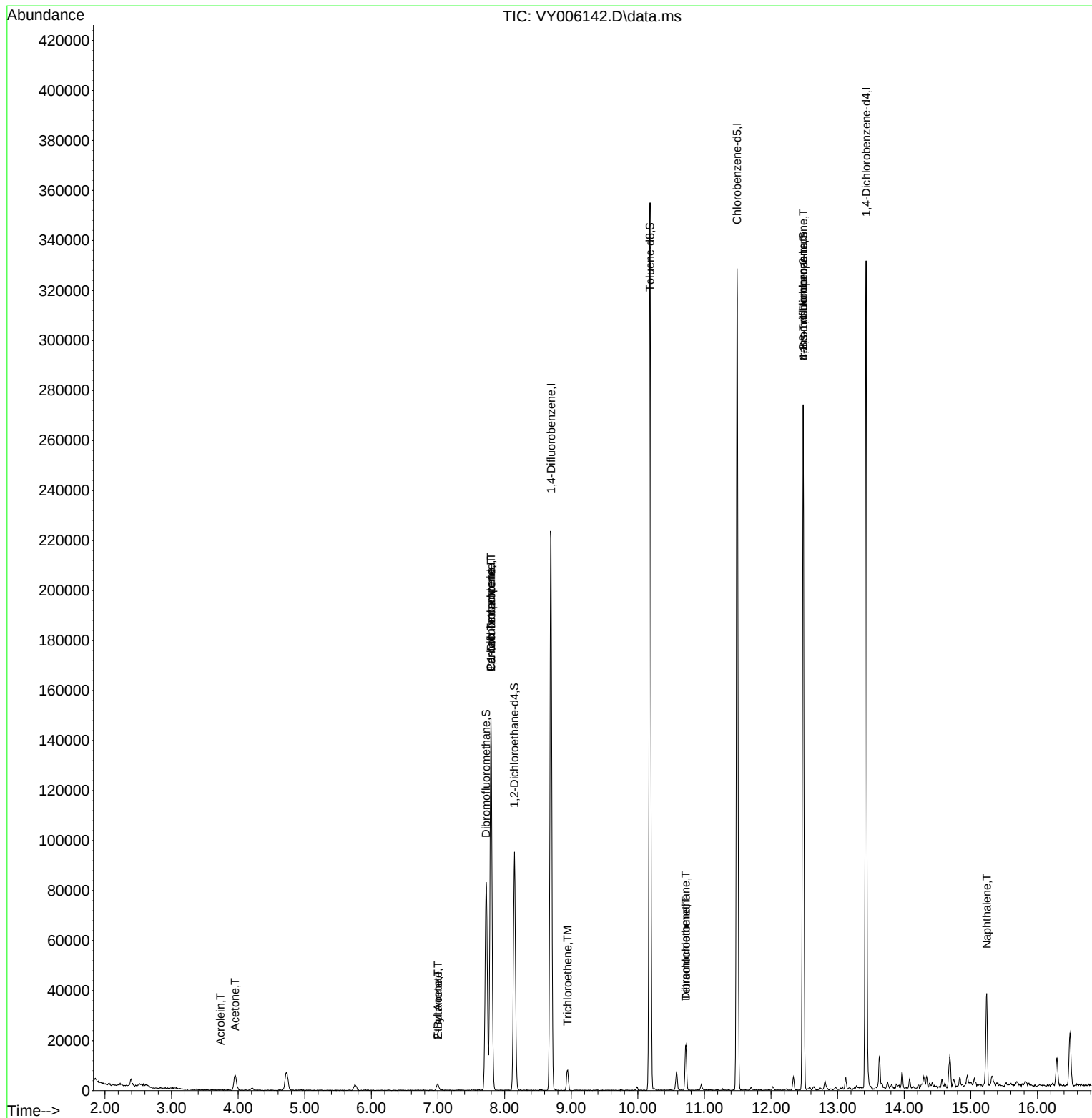
Internal Standards						
1) Pentafluorobenzene	7.795	168	114643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	172262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77450	48.636	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.280%
35) Dibromofluoromethane	7.722	113	56019	49.041	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.080%
50) Toluene-d8	10.185	98	229874	47.216	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.440%
62) 4-Bromofluorobenzene	12.483	95	73665	44.566	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.140%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	244	Below Cal	#	77
13) Acrolein	3.735	56	333	3.480	ug/l #	21
16) Acetone	3.954	43	10973	25.123	ug/l	99
20) Methylene Chloride	4.728	84	5821	Below Cal	#	79
25) 2-Butanone	6.996	43	2362	3.924	ug/l #	72
36) 1,1-Dichloropropene	7.795	75	8790	4.428	ug/l #	51
37) Ethyl Acetate	6.996	43	2362	1.722	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10900	5.044	ug/l #	16
44) Trichloroethene	8.947	130	3107	2.190	ug/l	84
60) Dibromochloromethane	10.721	129	3396	2.630	ug/l #	11
64) Tetrachloroethene	10.721	164	4065	2.885	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	42089	46.922	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42089	86.266	ug/l #	7
95) Naphthalene	15.239	128	29024	8.635	ug/l	98

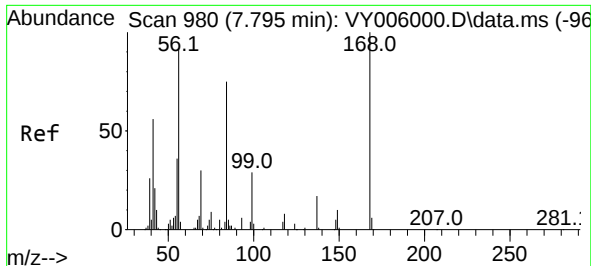
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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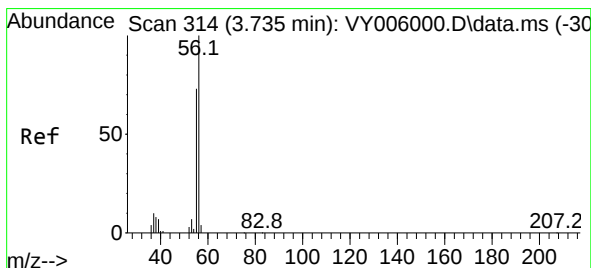
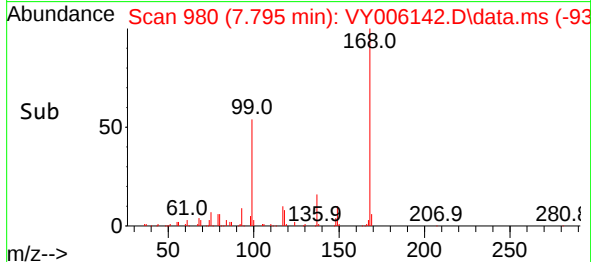
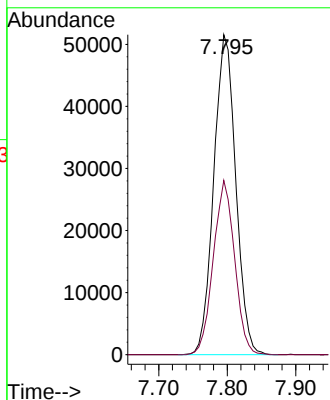
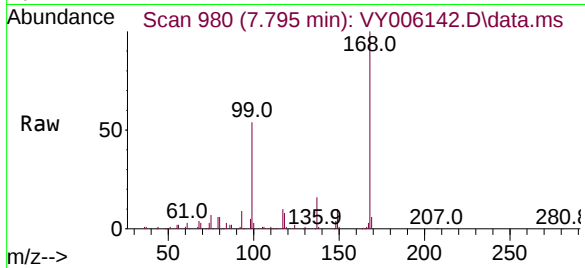




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

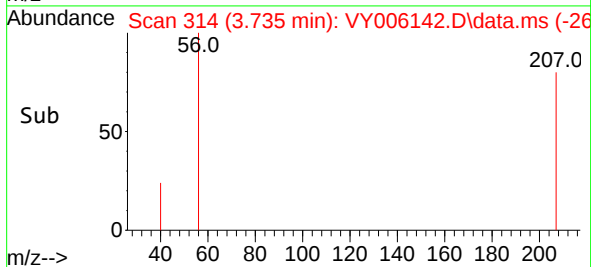
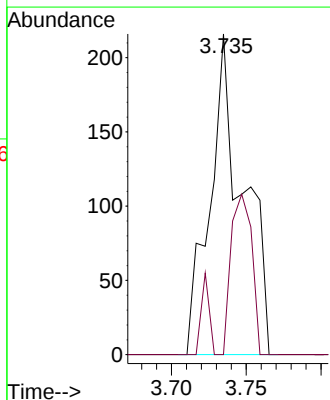
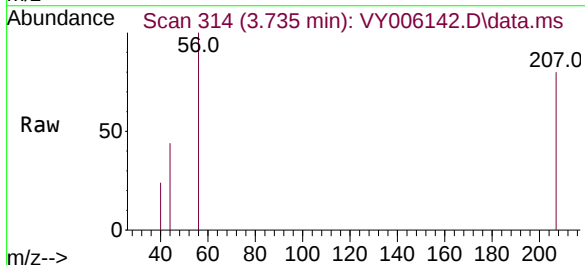
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

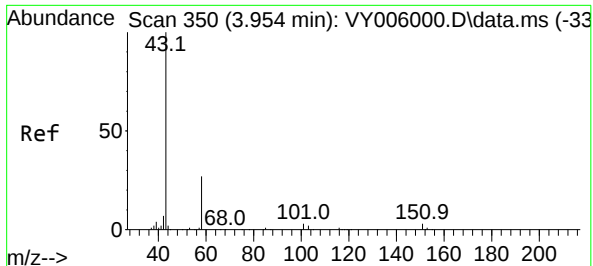
Tgt Ion:168 Resp: 114643
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#13
Acrolein
Concen: 3.480 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

Tgt Ion: 56 Resp: 333
Ion Ratio Lower Upper
56 100
55 6.0 57.6 86.4#

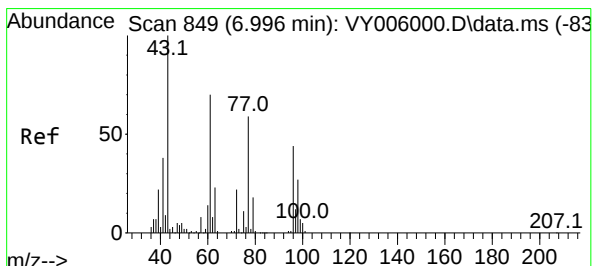
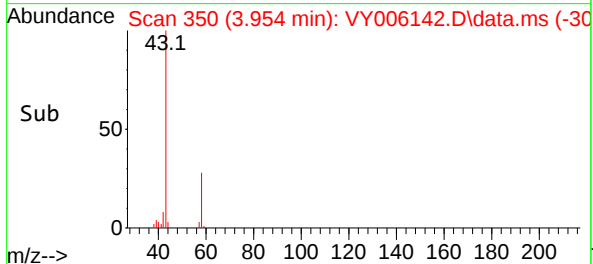
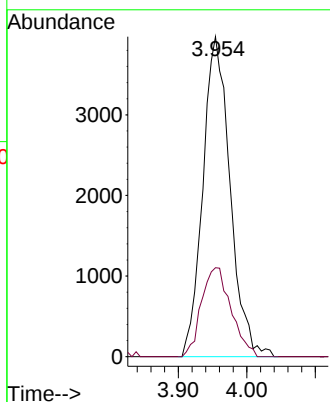
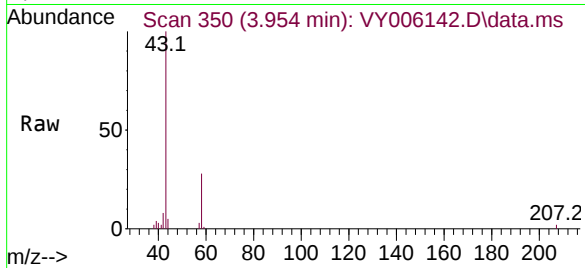




#16
Acetone
Concen: 25.123 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

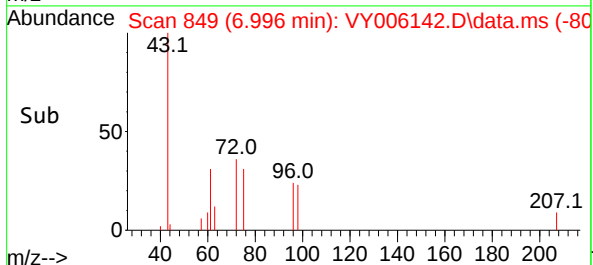
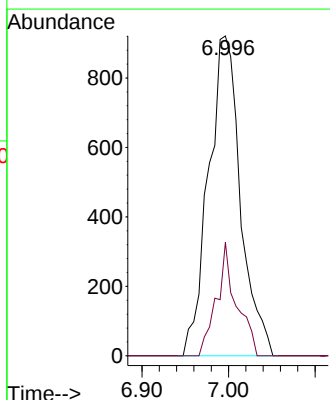
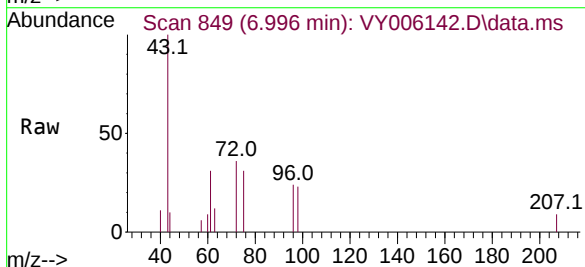
Instrument :
MSVOA_Y
ClientSampled :
TP-4

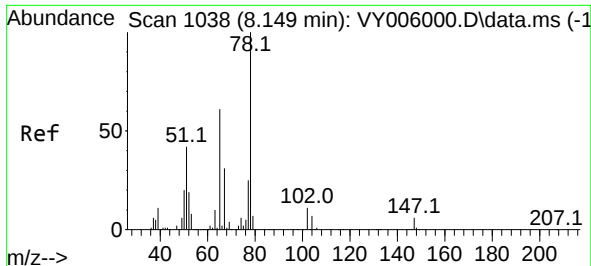
Tgt Ion: 43 Resp: 10973
Ion Ratio Lower Upper
43 100
58 27.8 22.0 33.0



#25
2-Butanone
Concen: 3.924 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
72 35.5 17.7 26.5#

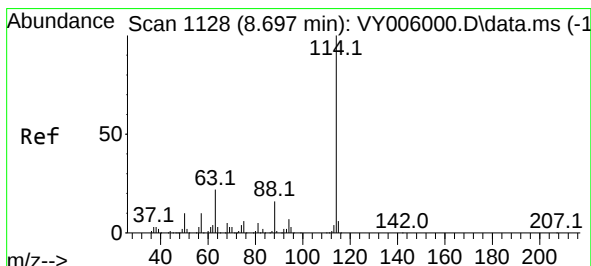
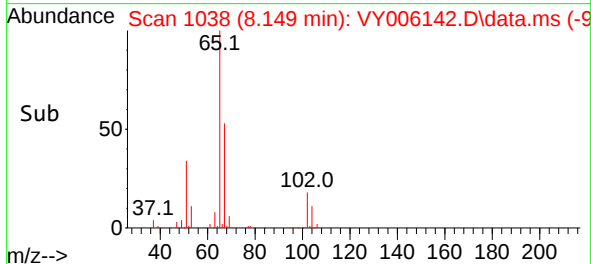
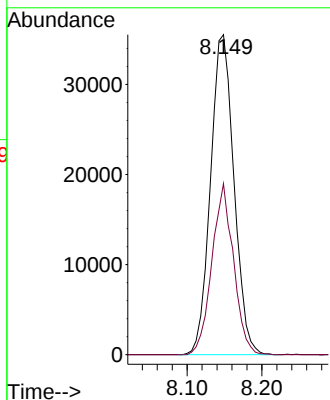
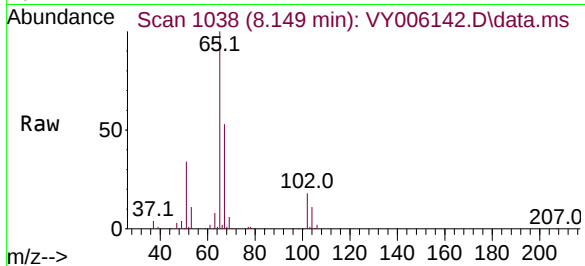




#33
1,2-Dichloroethane-d4
Concen: 48.636 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

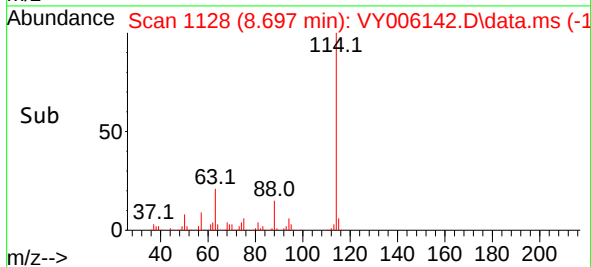
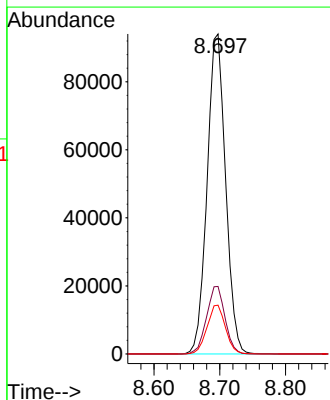
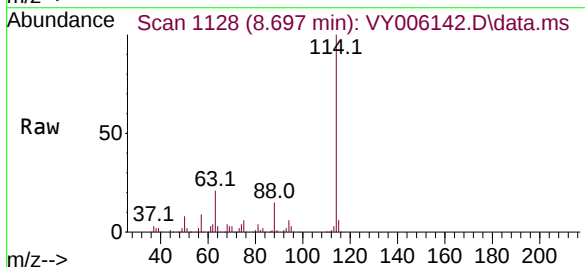
Instrument :
MSVOA_Y
ClientSampled :
TP-4

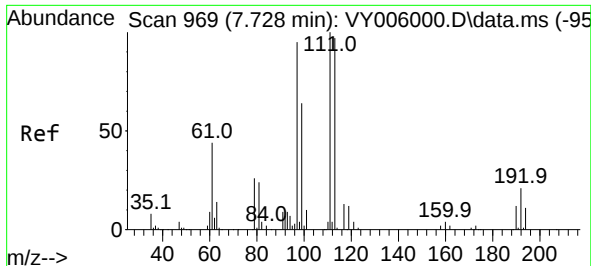
Tgt Ion: 65 Resp: 77450
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

Tgt Ion: 114 Resp: 183910
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.2
88 15.3 0.0 31.8

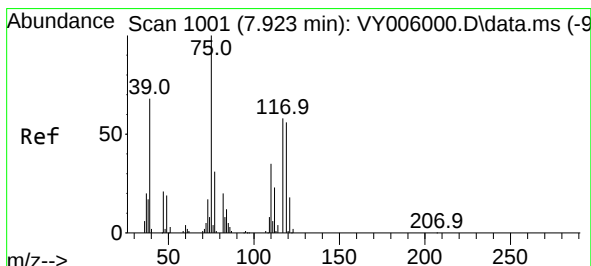
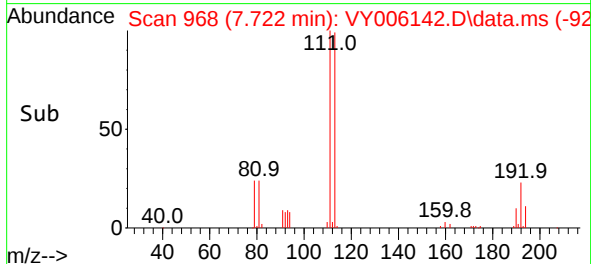
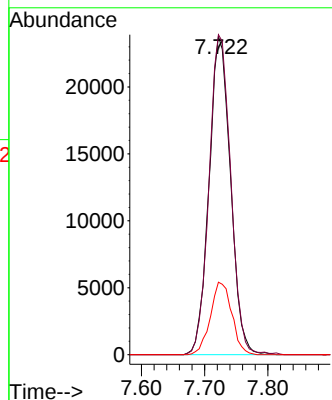
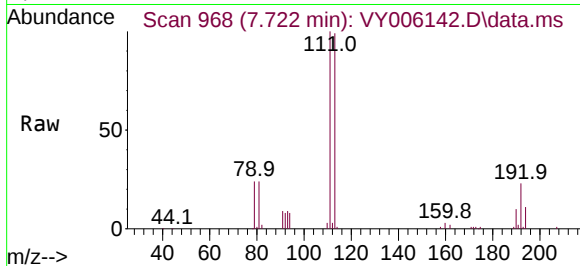




#35
Dibromofluoromethane
Concen: 49.041 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

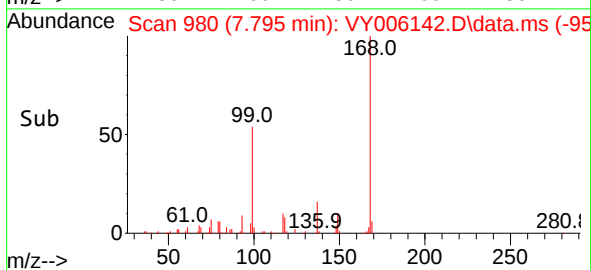
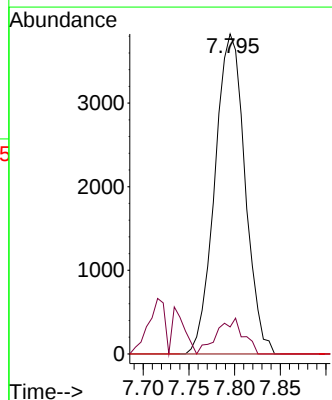
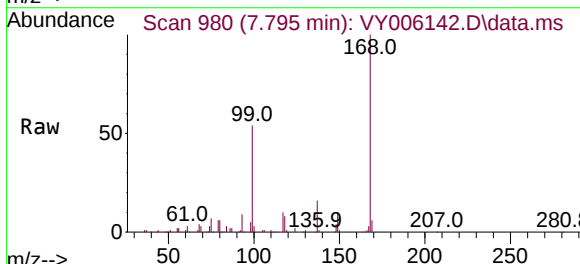
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

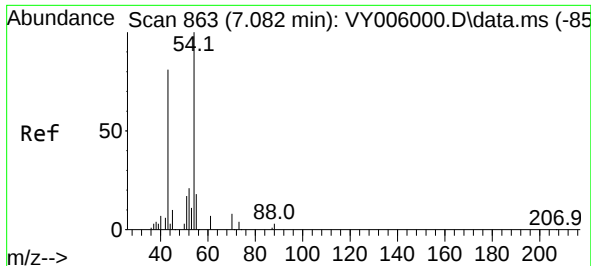
Tgt Ion:113 Resp: 56019
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 22.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.428 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

Tgt Ion: 75 Resp: 8790
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#

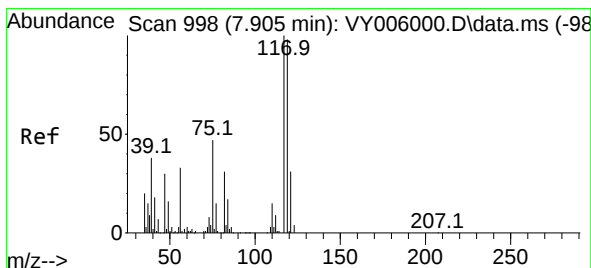
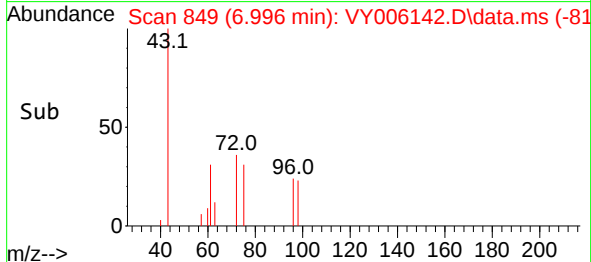
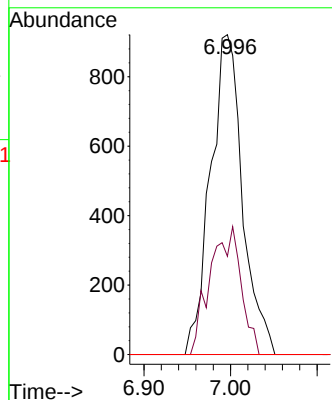
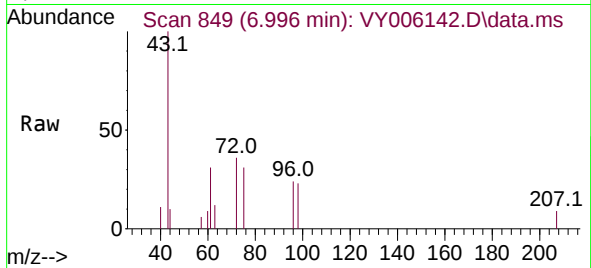




#37
Ethyl Acetate
Concen: 1.722 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.085 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

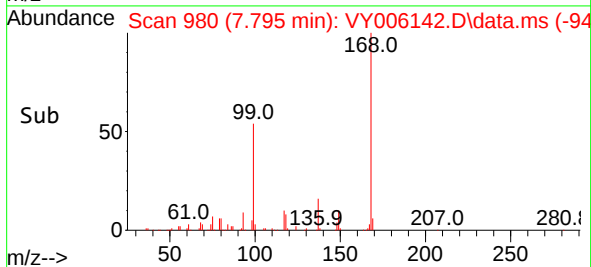
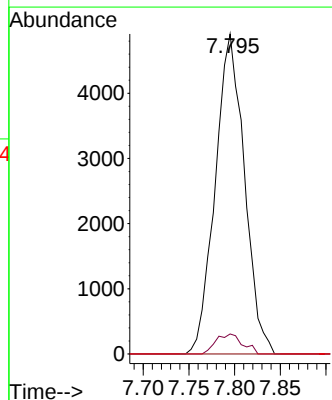
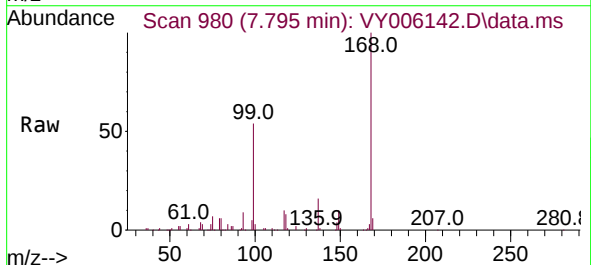
Instrument :
MSVOA_Y
ClientSampled :
TP-4

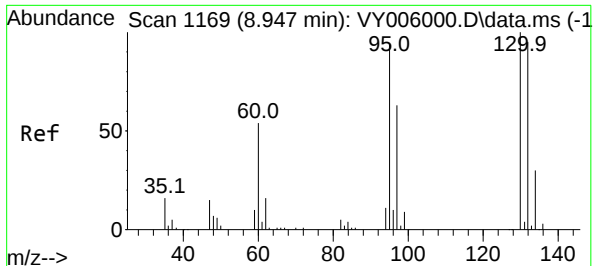
Tgt Ion: 43 Resp: 2362
Ion Ratio Lower Upper
43 100
61 38.8 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.044 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

Tgt Ion: 117 Resp: 10900
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#

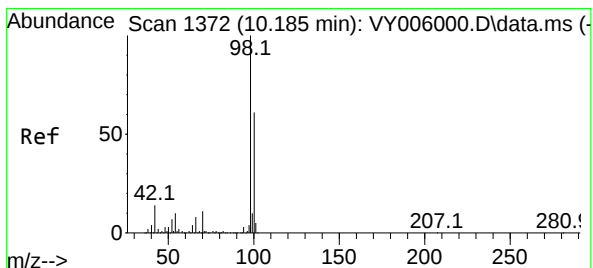
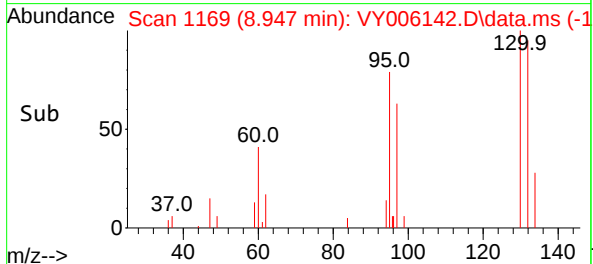
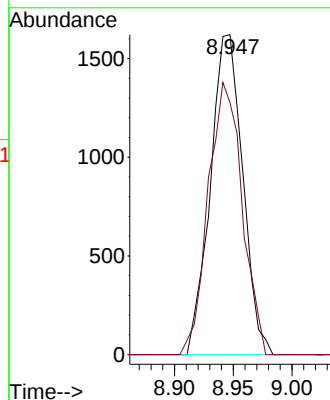
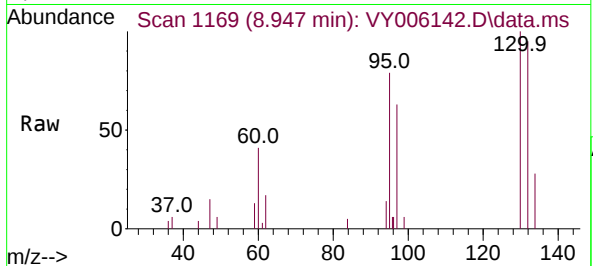




#44
Trichloroethene
Concen: 2.190 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

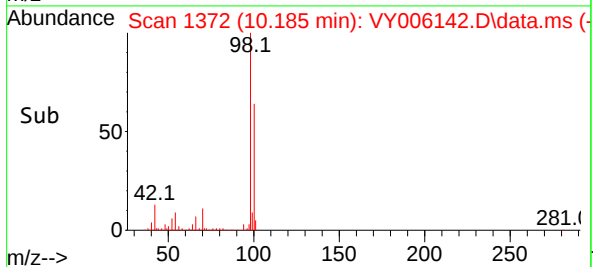
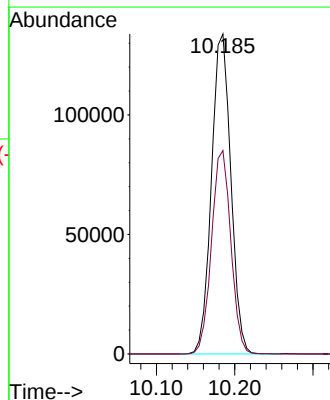
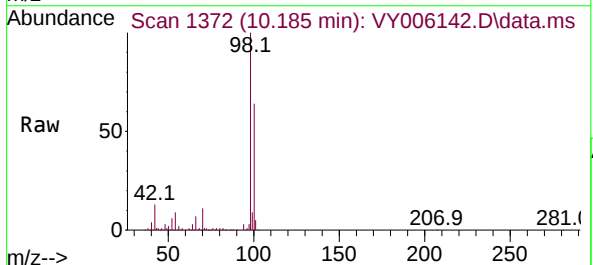
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TP-4

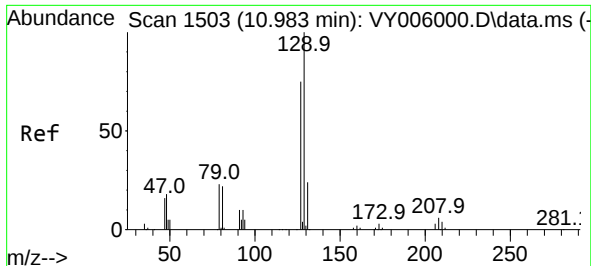
Tgt Ion:130 Resp: 3107
Ion Ratio Lower Upper
130 100
95 78.8 0.0 188.2



#50
Toluene-d8
Concen: 47.216 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

Tgt Ion: 98 Resp: 229874
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

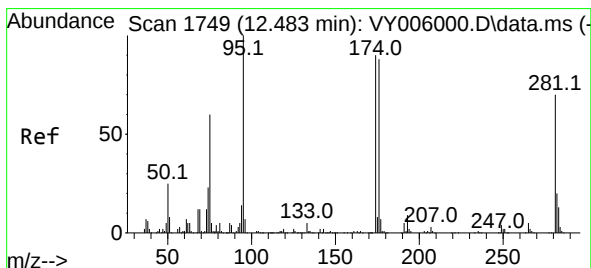
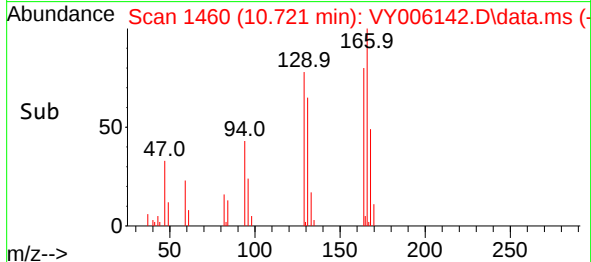
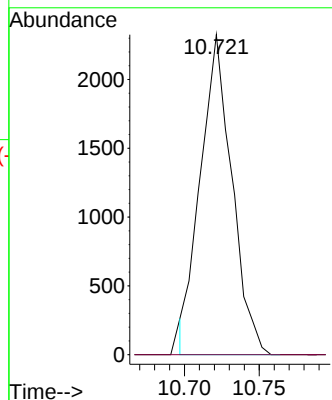
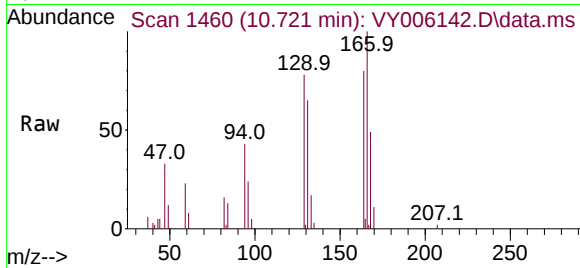




#60
Dibromochloromethane
Concen: 2.630 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

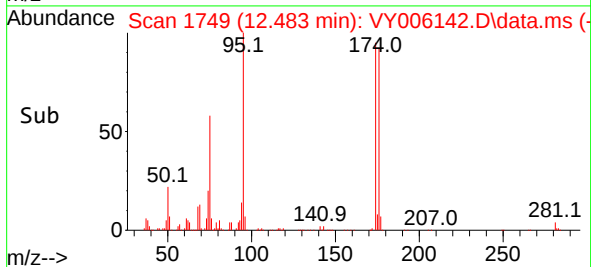
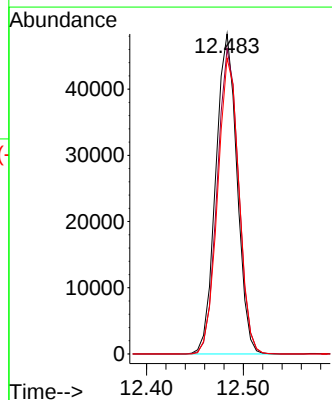
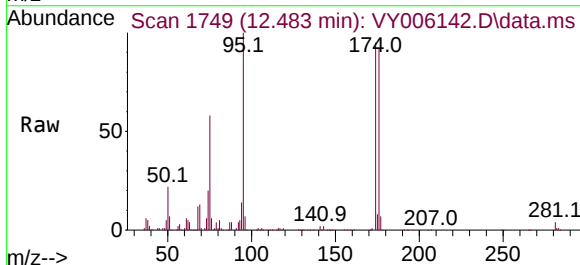
Instrument :
MSVOA_Y
ClientSampled :
TP-4

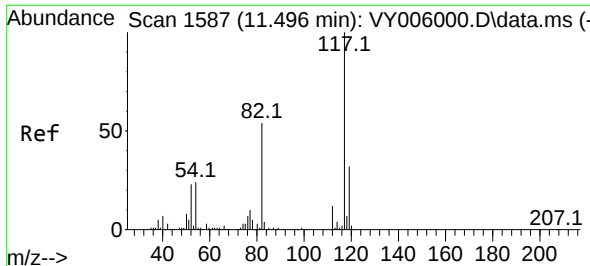
Tgt Ion:129 Resp: 3396
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#62
4-Bromofluorobenzene
Concen: 44.566 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

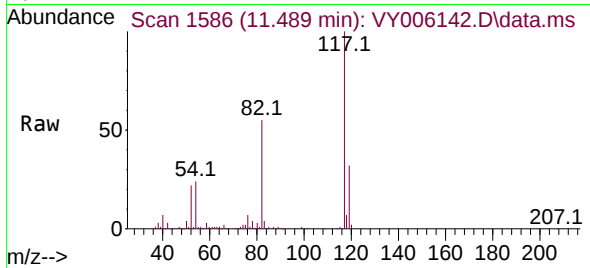
Tgt Ion: 95 Resp: 73665
Ion Ratio Lower Upper
95 100
174 95.6 0.0 177.0
176 92.4 0.0 175.8



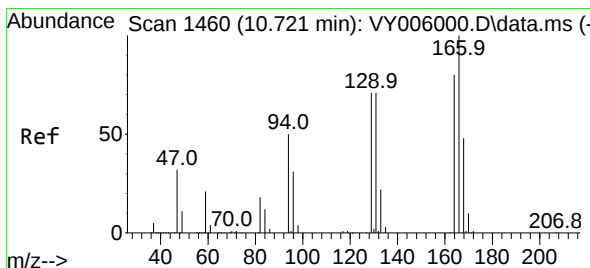
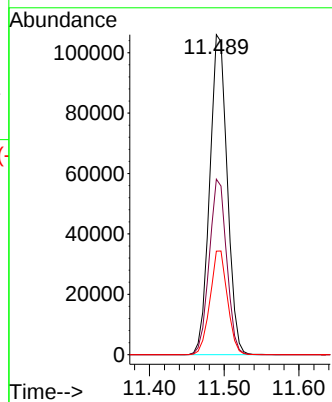
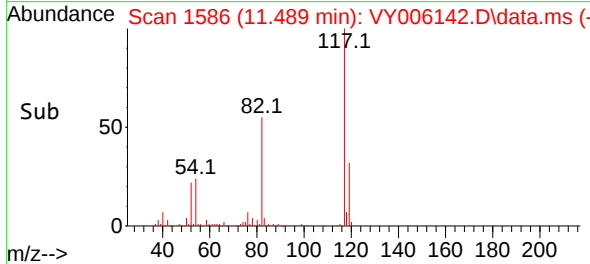


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

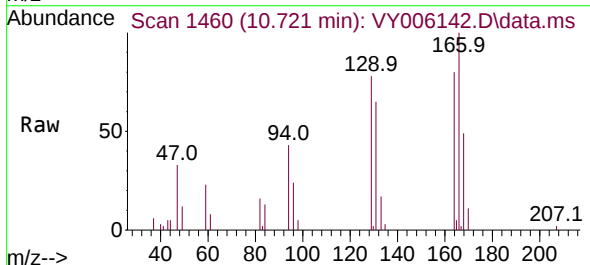
Instrument :
MSVOA_Y
ClientSampled :
TP-4



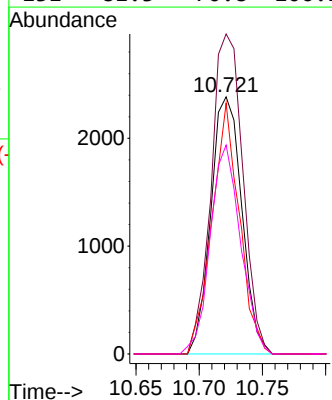
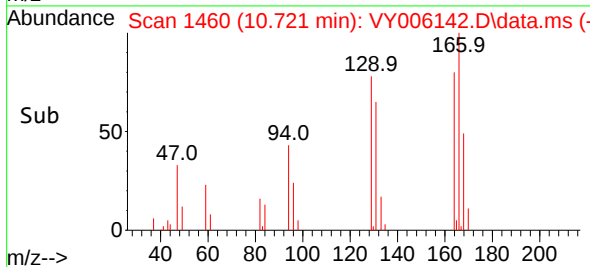
Tgt Ion:	117	Resp:	172262
Ion Ratio	Lower	Upper	
117	100		
82	54.9	43.0	64.4
119	32.4	25.4	38.0

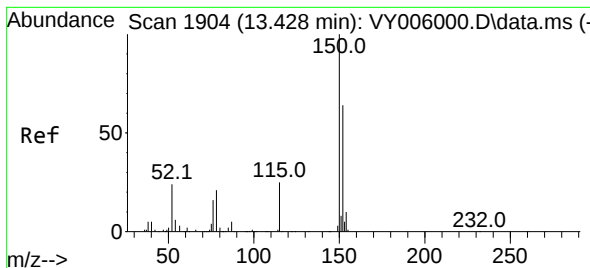


#64
Tetrachloroethene
Concen: 2.885 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42



Tgt Ion:	164	Resp:	4065
Ion Ratio	Lower	Upper	
164	100		
166	124.4	100.4	150.6
129	97.5	71.4	107.0
131	81.3	70.8	106.2

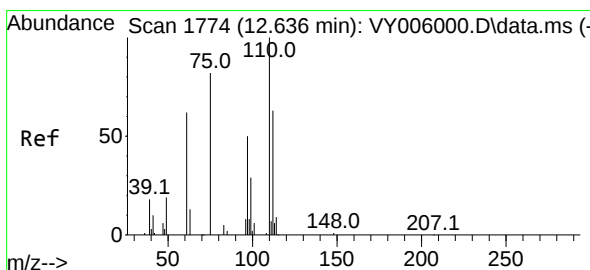
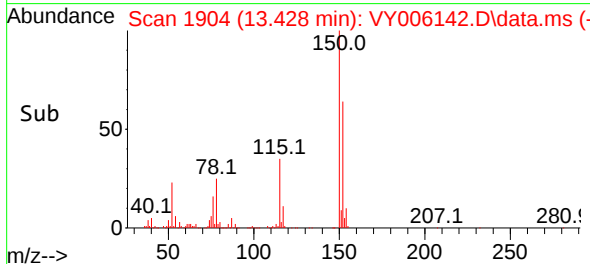
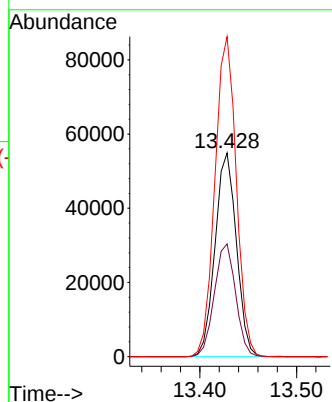
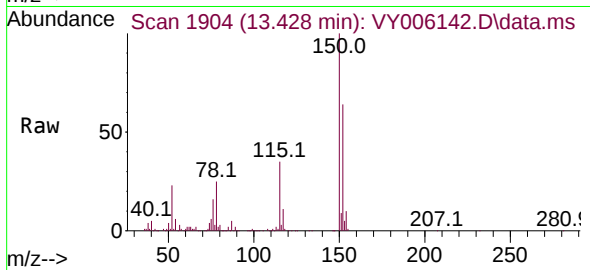




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006142.D
 Acq: 24 Sep 2021 16:42

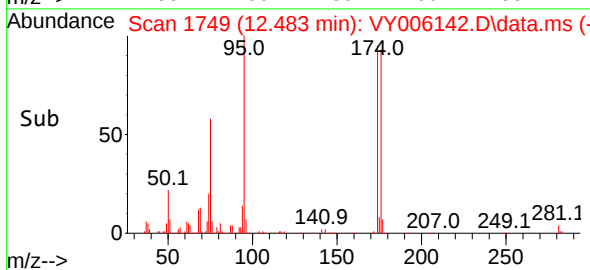
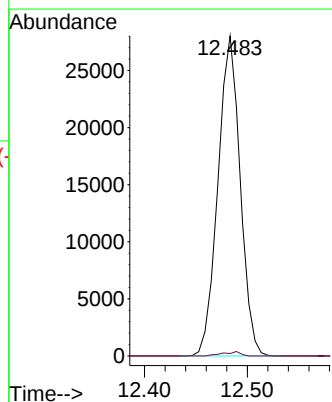
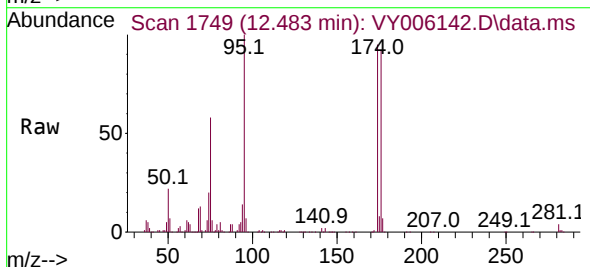
Instrument :
 MSVOA_Y
 ClientSampled :
 TP-4

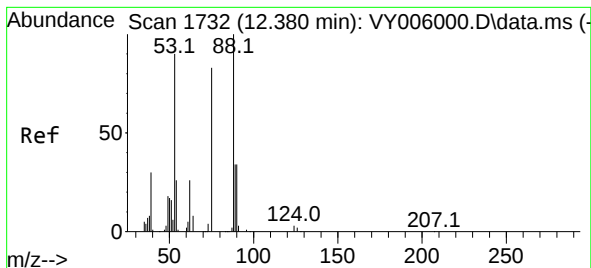
Tgt Ion:152 Resp: 84132
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.922 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006142.D
 Acq: 24 Sep 2021 16:42

Tgt Ion: 75 Resp: 42089
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#

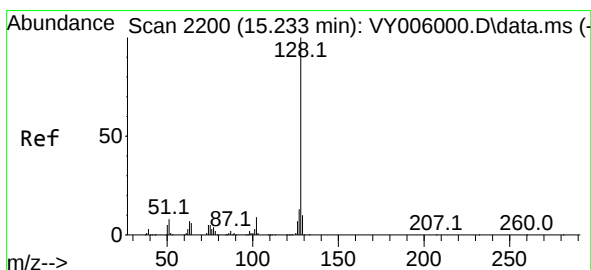
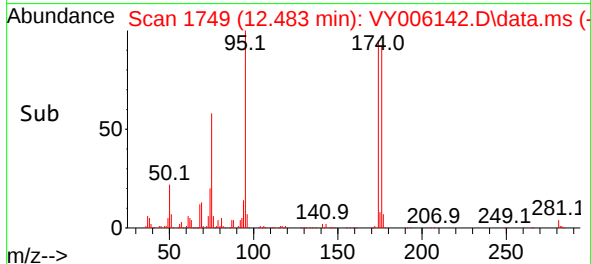
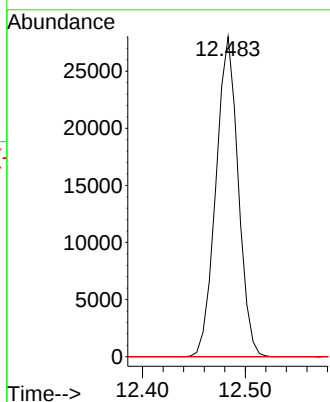
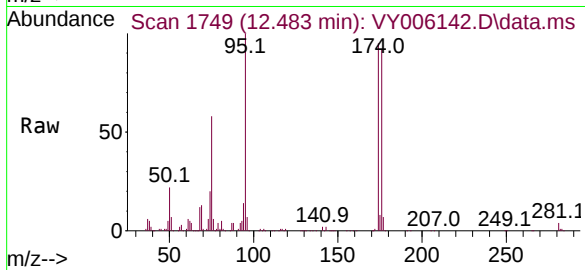




#81
trans-1,4-Dichloro-2-butene
Concen: 86.266 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

Instrument :
MSVOA_Y
ClientSampleId :
TP-4

Tgt Ion: 75 Resp: 42089
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 8.635 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY006142.D
Acq: 24 Sep 2021 16:42

Tgt Ion: 128 Resp: 29024
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 11.7 8.4 12.6

