

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092321\
 Data File : VY006123.D
 Acq On : 23 Sep 2021 14:47
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Sep 24 07:29:23 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)

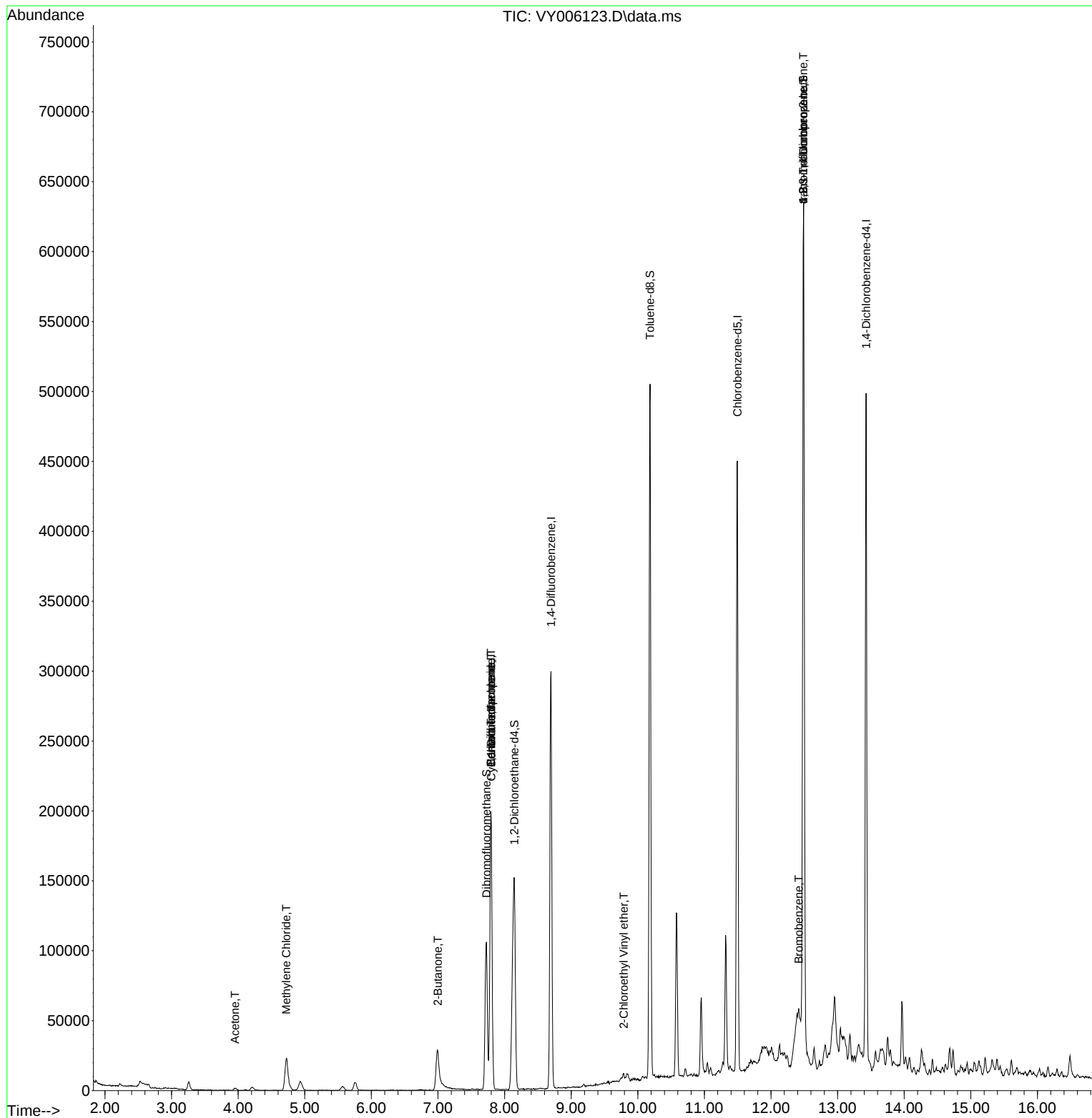
Internal Standards						
1) Pentafluorobenzene	7.795	168	157689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	247008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	233153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98362	44.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.820%
35) Dibromofluoromethane	7.728	113	73094	47.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.280%
50) Toluene-d8	10.185	98	319372	48.842	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.680%
62) 4-Bromofluorobenzene	12.483	95	111323	50.144	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	6704	Below Cal	#	77
16) Acetone	3.954	43	2923	4.865	ug/l	93
20) Methylene Chloride	4.722	84	16645	4.665	ug/l #	89
25) 2-Butanone	6.996	43	1992	2.406	ug/l	92
31) Cyclohexane	7.801	56	3736	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12499	4.688	ug/l #	51
38) Carbon Tetrachloride	7.795	117	15138	5.216	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.789	63	2102	1.786	ug/l #	82
76) 1,2,3-Trichloropropane	12.483	75	64690	51.802	ug/l #	100
77) Bromobenzene	12.416	156	69691	32.564	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	64690	95.238	ug/l #	8

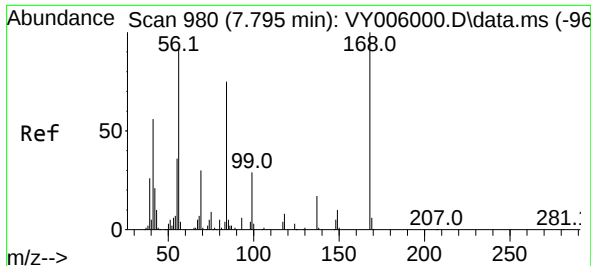
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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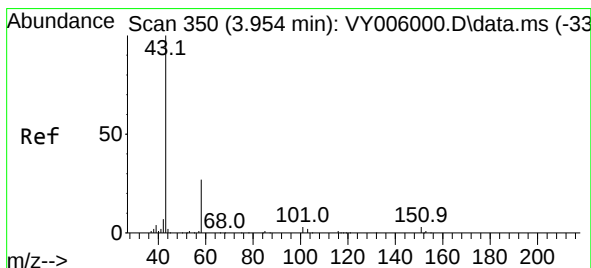
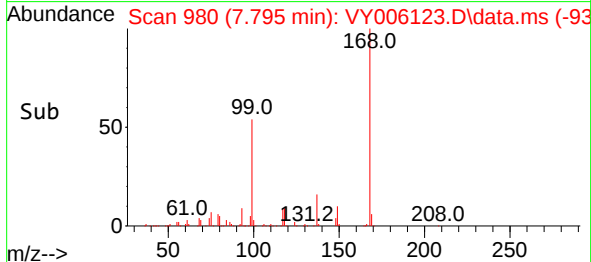
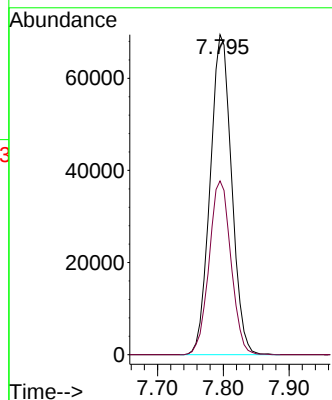
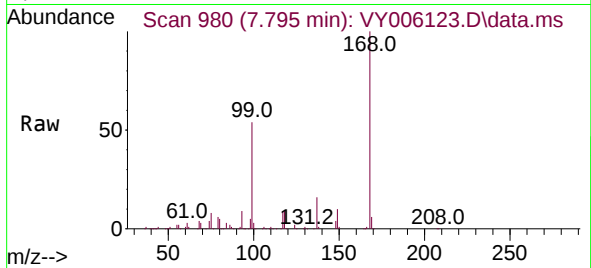




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

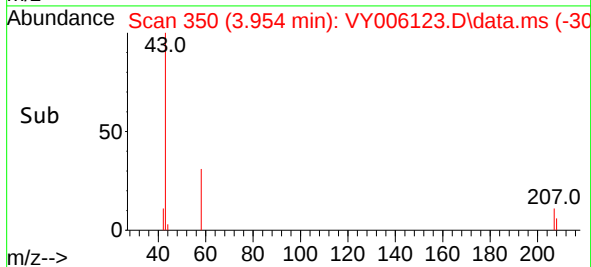
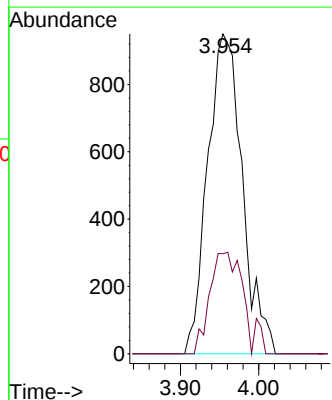
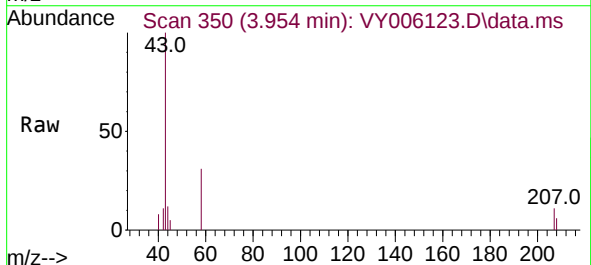
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

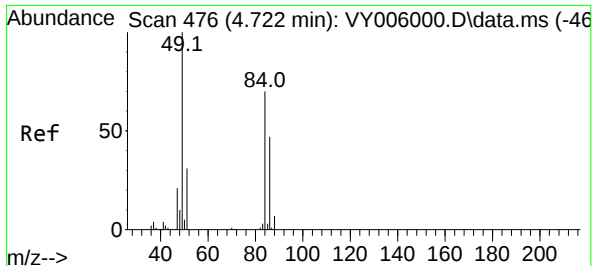
Tgt Ion:168 Resp: 157689
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#16
Acetone
Concen: 4.865 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

Tgt Ion: 43 Resp: 2923
Ion Ratio Lower Upper
43 100
58 31.3 22.0 33.0

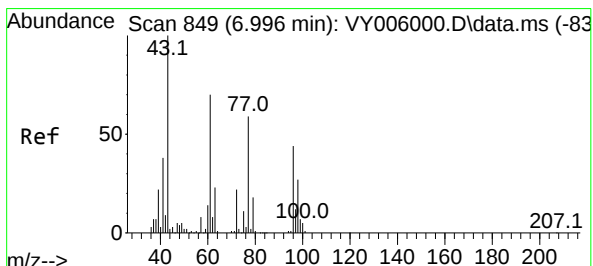
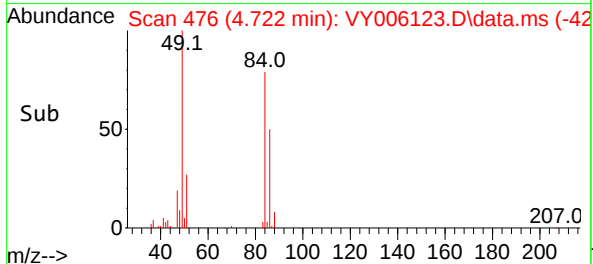
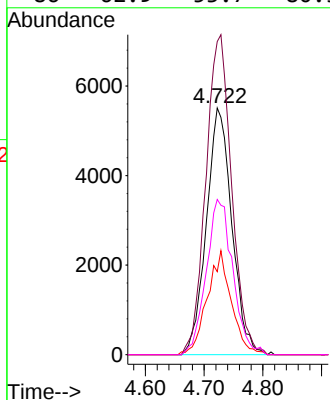
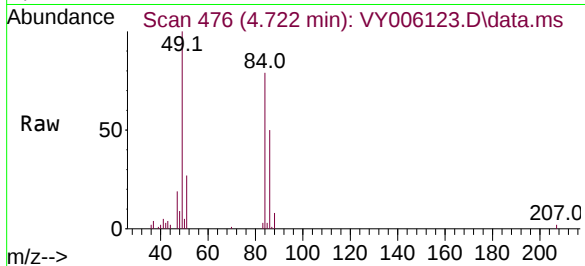




#20
Methylene Chloride
Concen: 4.665 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

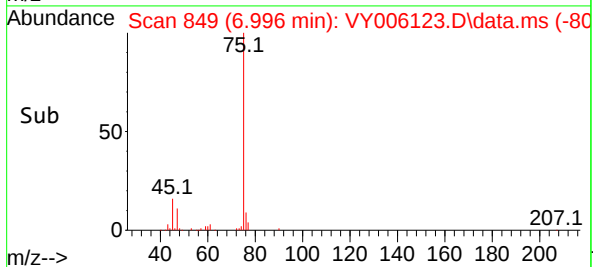
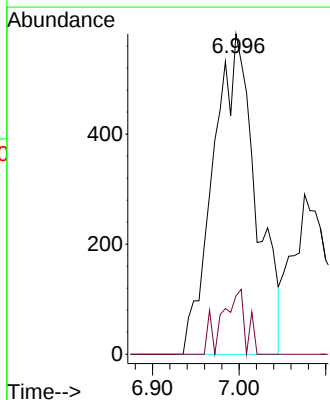
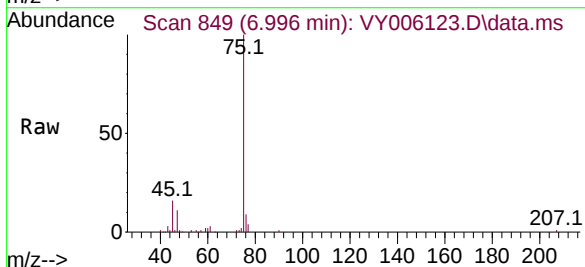
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

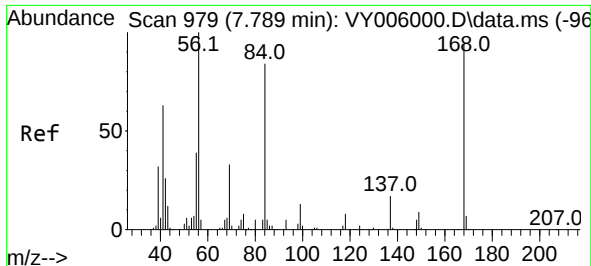
Tgt Ion:	84	Resp:	16645
Ion	Ratio	Lower	Upper
84	100		
49	126.9	114.4	171.6
51	33.7	35.3	52.9#
86	62.9	53.7	80.5



#25
2-Butanone
Concen: 2.406 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

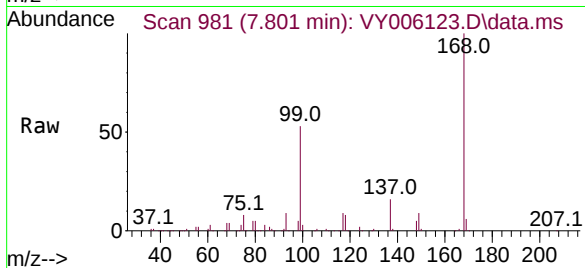
Tgt Ion:	43	Resp:	1992
Ion	Ratio	Lower	Upper
43	100		
72	18.2	17.7	26.5



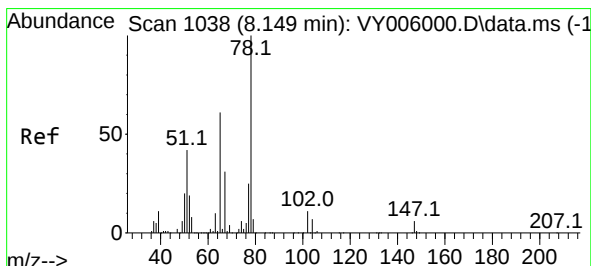
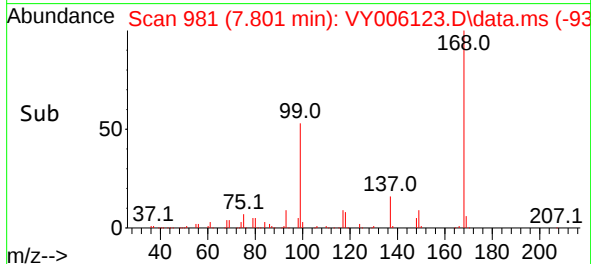
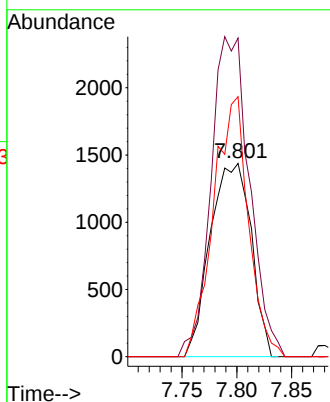


#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

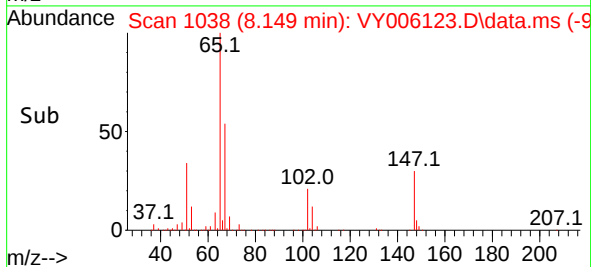
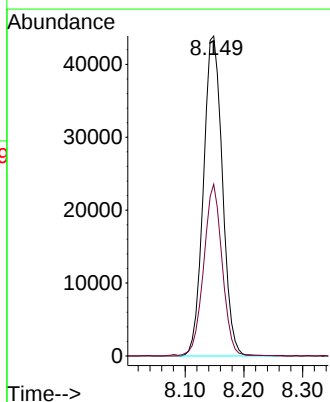
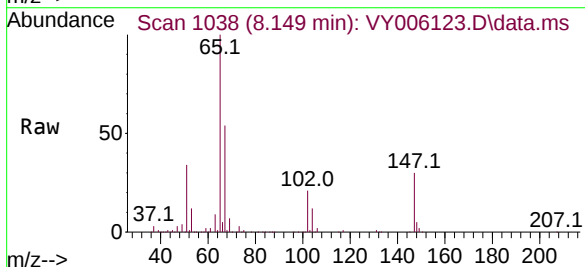


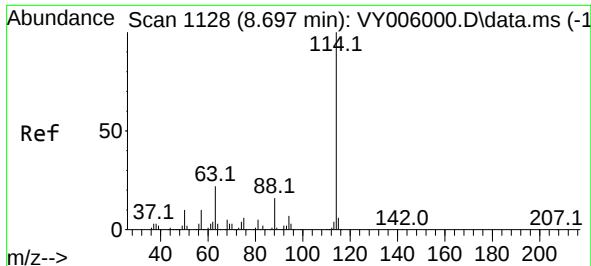
Tgt Ion: 56 Resp: 3736
Ion Ratio Lower Upper
56 100
69 164.7 26.7 40.1#
84 134.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 44.906 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

Tgt Ion: 65 Resp: 98362
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4

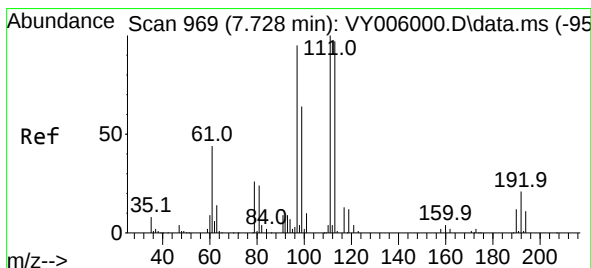
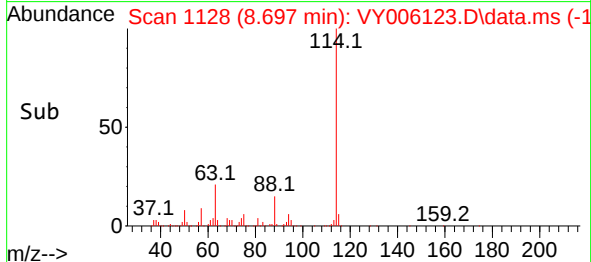
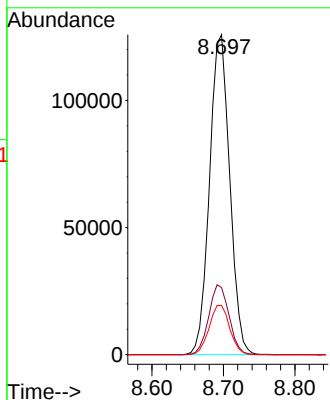
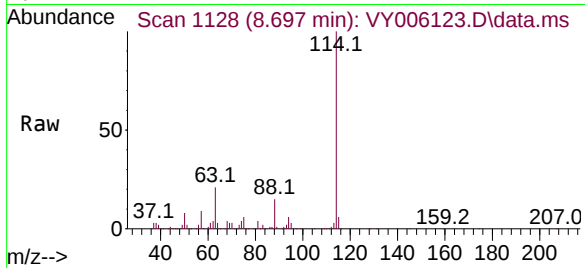




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

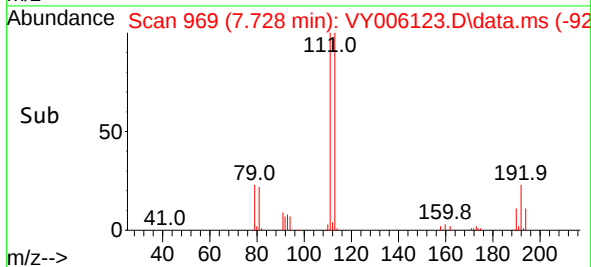
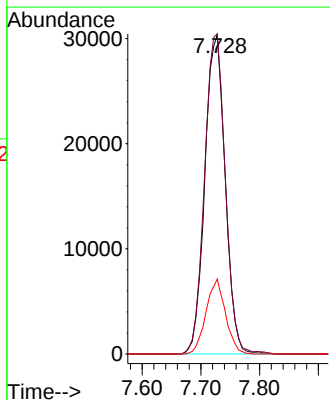
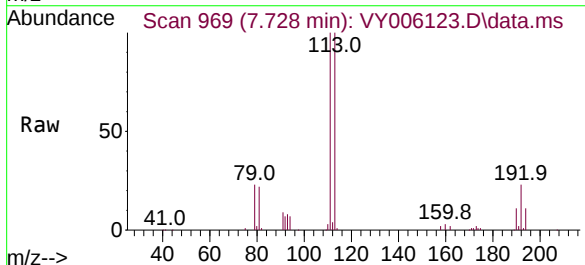
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

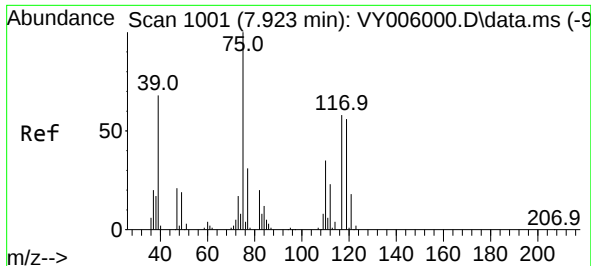
Tgt Ion:	114	Resp:	247008
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.2
88	15.4	0.0	31.8



#35
Dibromofluoromethane
Concen: 47.643 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

Tgt Ion:	113	Resp:	73094
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	124.0
192	22.4	17.6	26.4



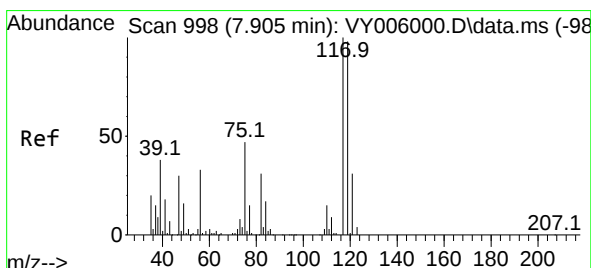
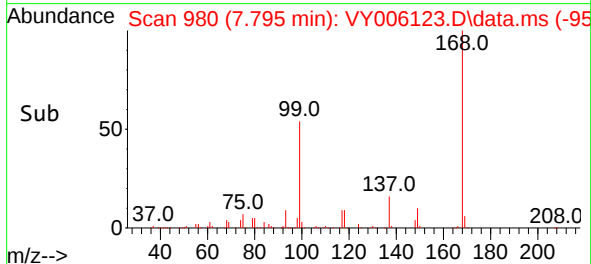
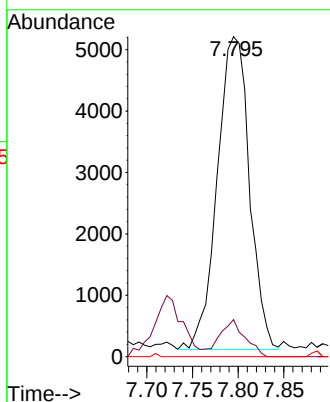
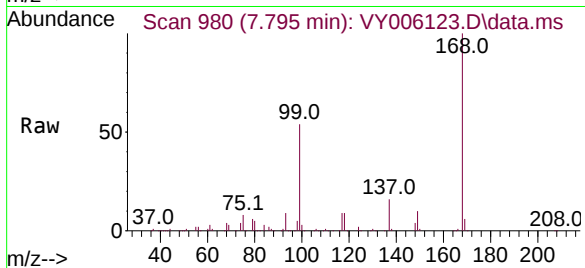


#36

1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

Instrument :
MSVOA_Y
ClientSampled :
VIBLK

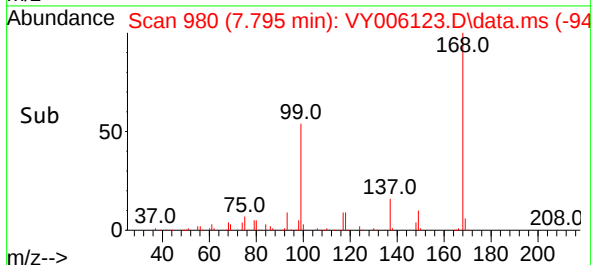
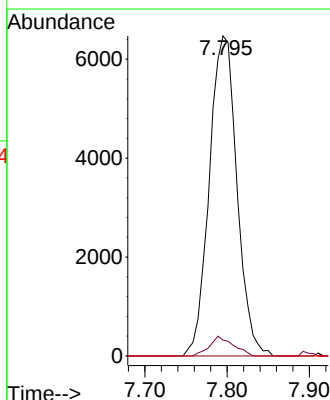
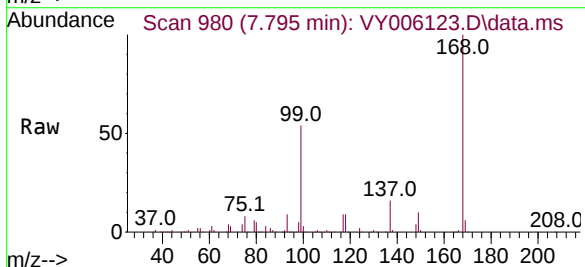
Tgt Ion: 75 Resp: 12499
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

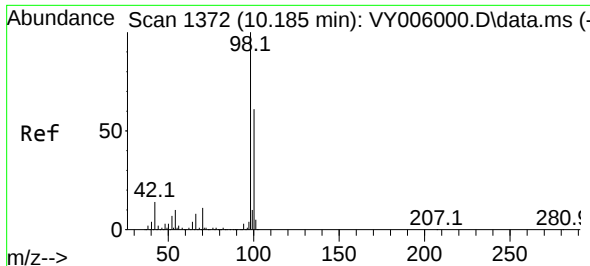


#38

Carbon Tetrachloride
Concen: 5.216 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

Tgt Ion: 117 Resp: 15138
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#

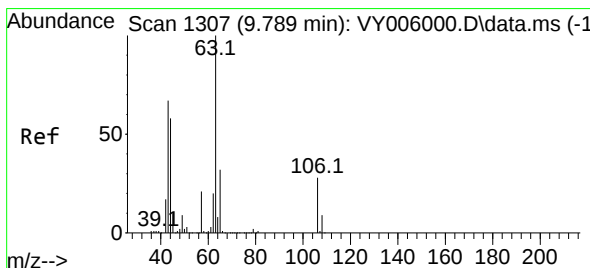
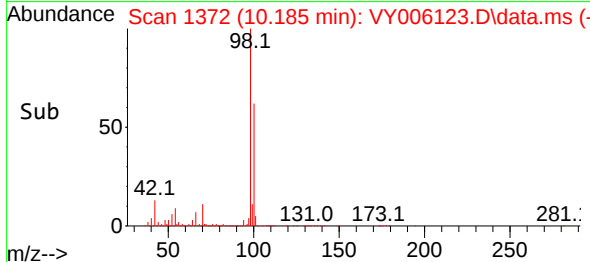
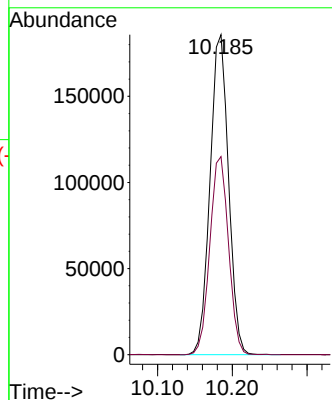
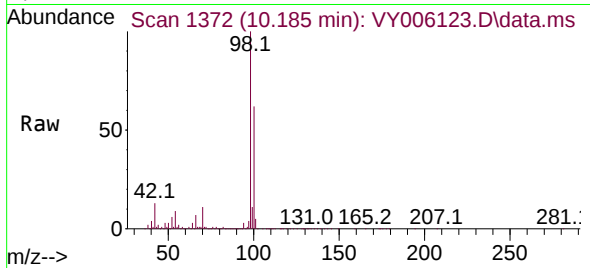




#50
Toluene-d8
Concen: 48.842 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

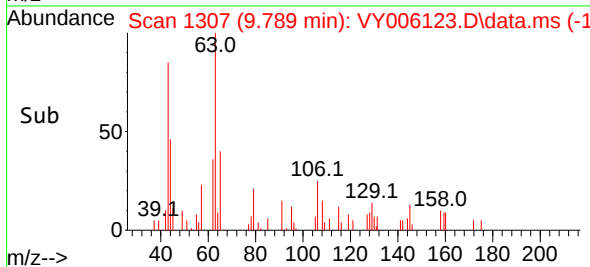
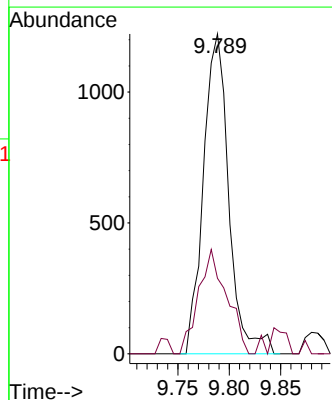
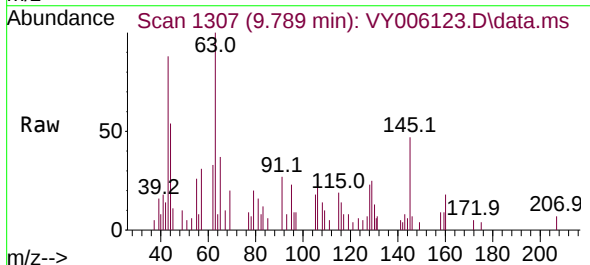
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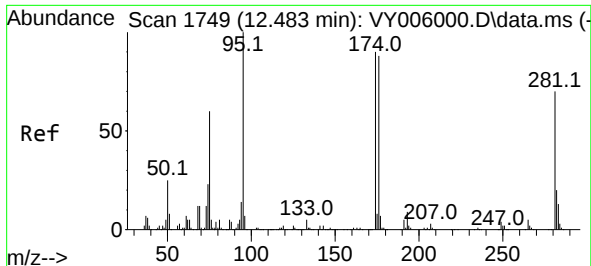
Tgt Ion: 98 Resp: 319372
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: 1.786 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

Tgt Ion: 63 Resp: 2102
Ion Ratio Lower Upper
63 100
106 36.3 21.5 32.3#

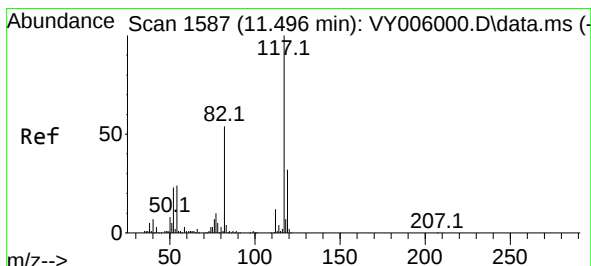
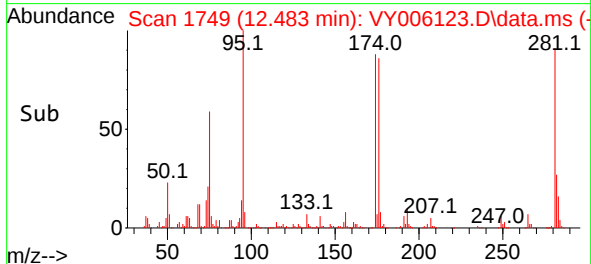
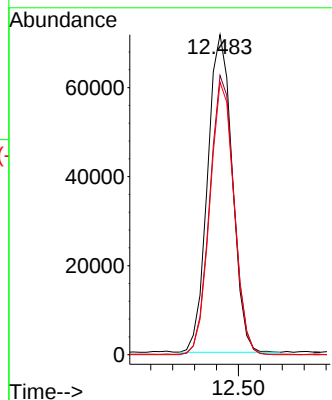
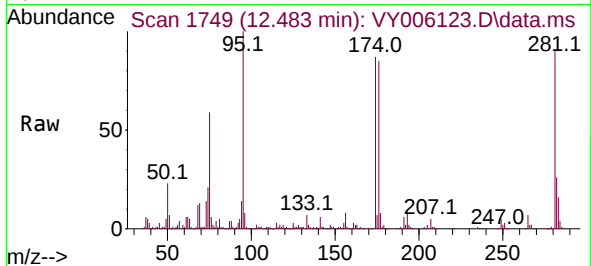




#62
4-Bromofluorobenzene
Concen: 50.144 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

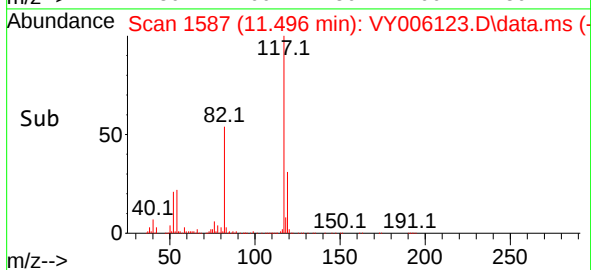
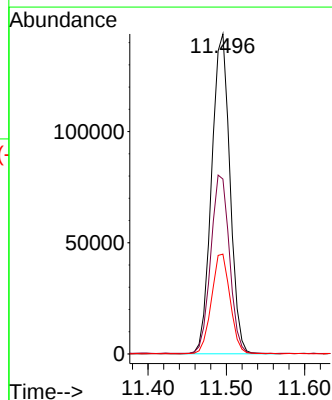
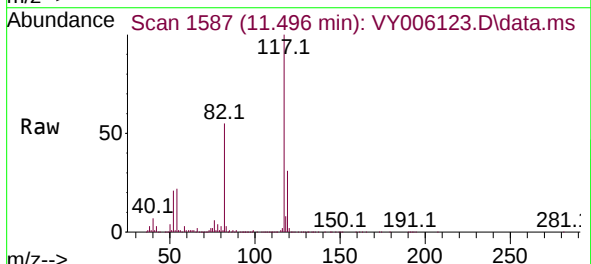
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

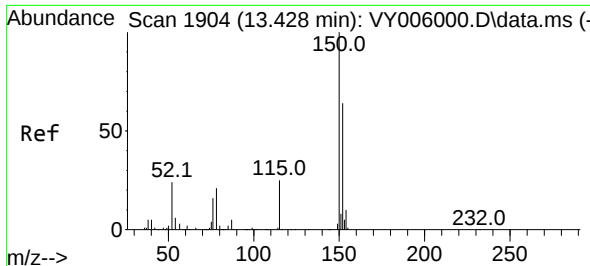
Tgt Ion: 95 Resp: 111323
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 84.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

Tgt Ion: 117 Resp: 233153
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 31.2 25.4 38.0

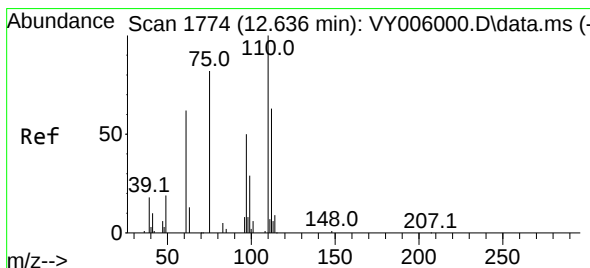
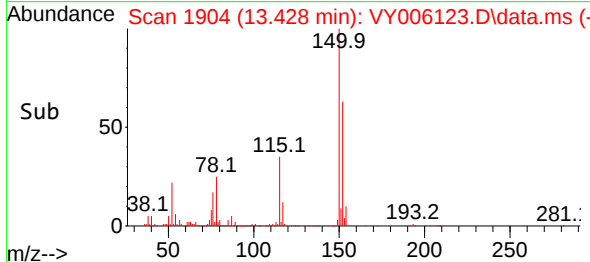
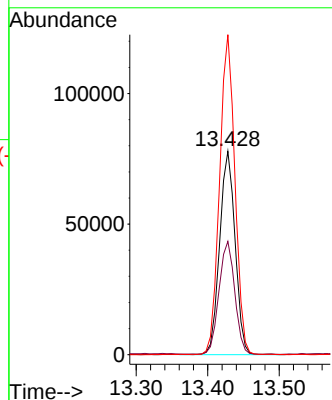
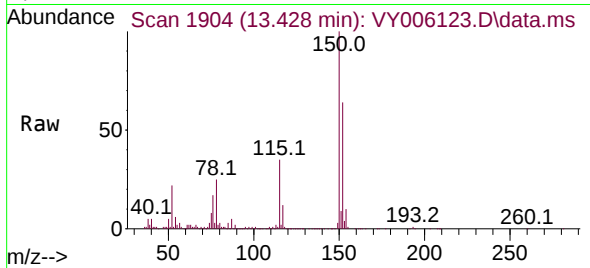




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

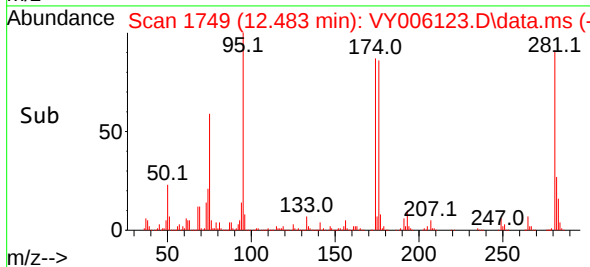
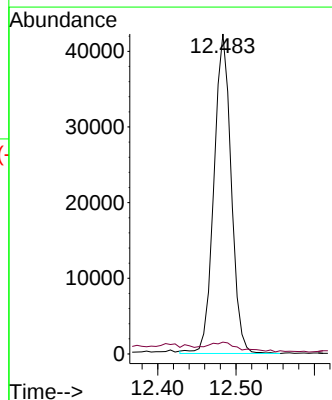
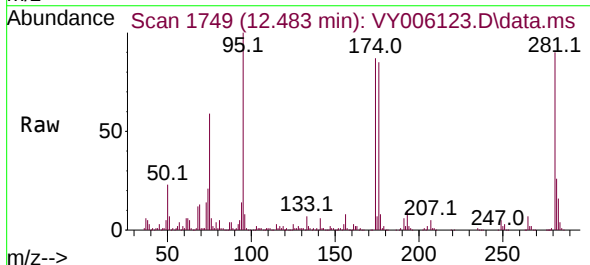
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

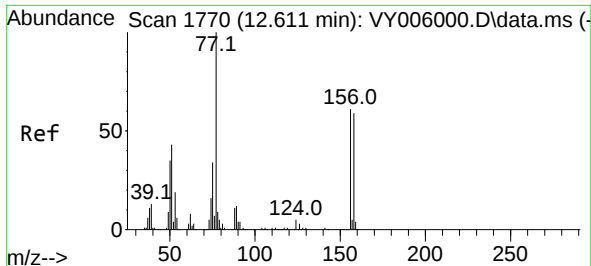
Tgt Ion:152 Resp: 117127
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 155.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.802 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

Tgt Ion: 75 Resp: 64690
Ion Ratio Lower Upper
75 100
77 5.5 0.0 0.0#

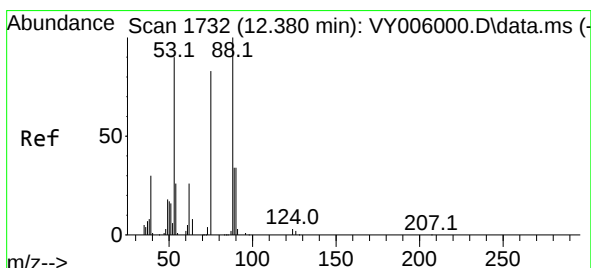
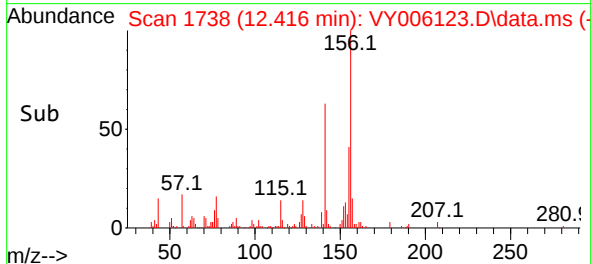
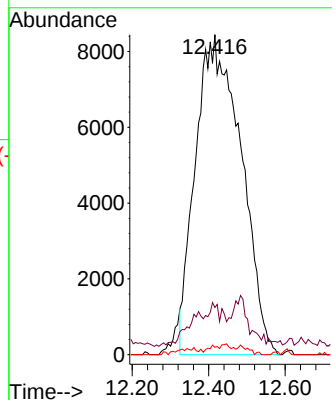
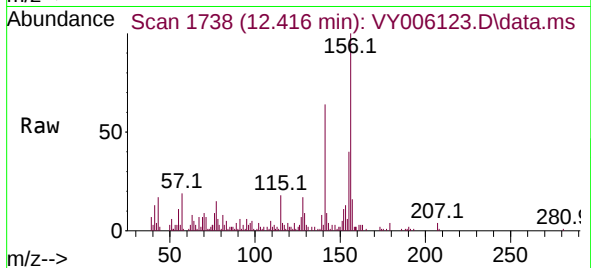




#77
Bromobenzene
Concen: 32.564 ug/l
RT: 12.416 min Scan# 1738
Delta R.T. -0.195 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:156 Resp: 69691
Ion Ratio Lower Upper
156 100
77 0.9 95.5 286.4#
158 0.5 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.238 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006123.D
Acq: 23 Sep 2021 14:47

Tgt Ion: 75 Resp: 64690
Ion Ratio Lower Upper
75 100
53 0.2 85.3 127.9#
89 2.3 37.0 55.4#

