

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092321\
 Data File : VY006120.D
 Acq On : 23 Sep 2021 13:22
 Operator : SY/MD
 Sample : M3886-02RE
 Misc : 5.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Sep 24 07:28:18 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)

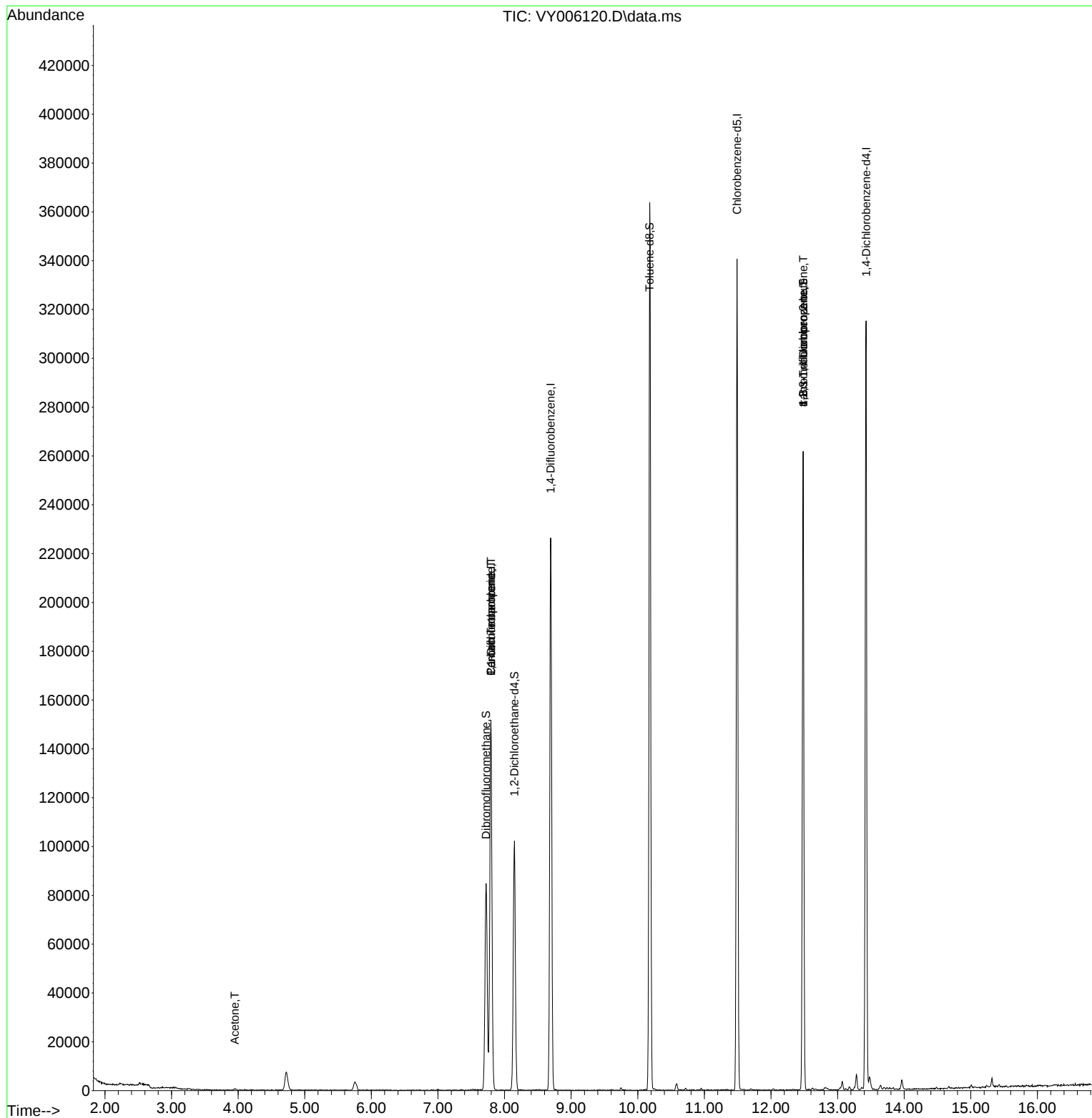
Internal Standards						
1) Pentafluorobenzene	7.795	168	119891	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	174796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83482	50.129	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.260%	
35) Dibromofluoromethane	7.722	113	56397	48.234	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.460%	
50) Toluene-d8	10.179	98	236229	47.403	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.800%	
62) 4-Bromofluorobenzene	12.483	95	71202	42.083	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	50	Below Cal	#	77
16) Acetone	3.948	43	833	1.824	ug/l #	25
20) Methylene Chloride	4.716	84	5528	Below Cal		87
36) 1,1-Dichloropropene	7.795	75	8554	4.210	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11181	5.055	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	41119	48.707	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41119	89.549	ug/l #	7

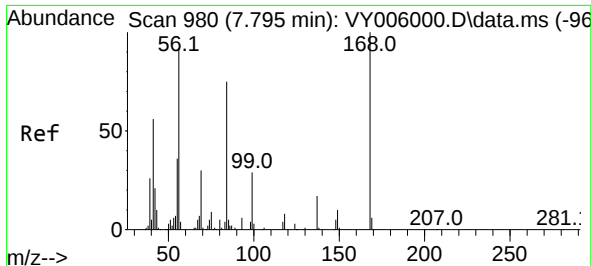
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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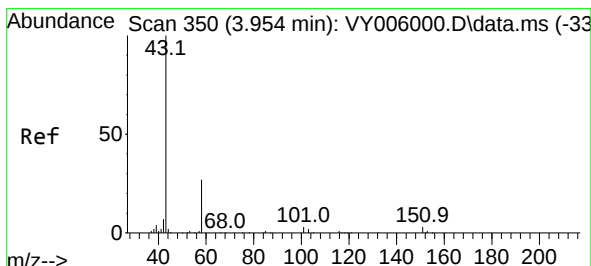
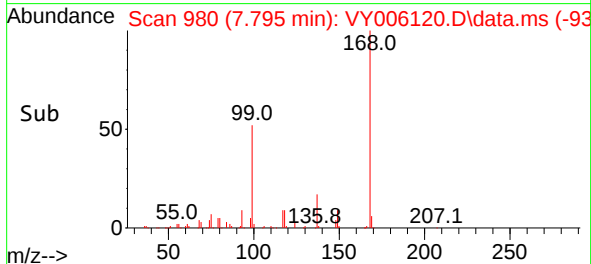
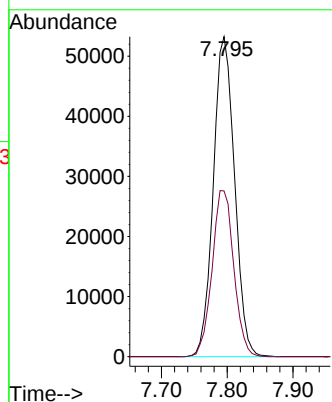
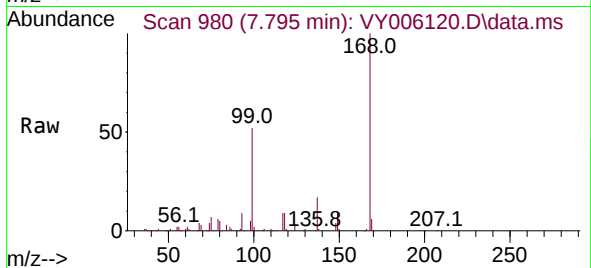




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006120.D
Acq: 23 Sep 2021 13:22

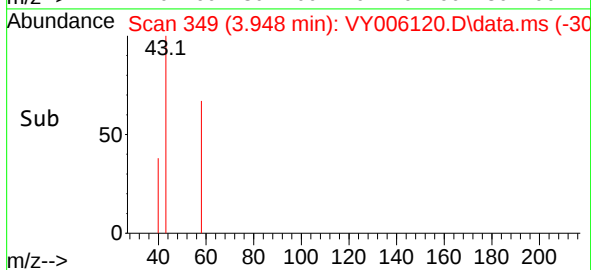
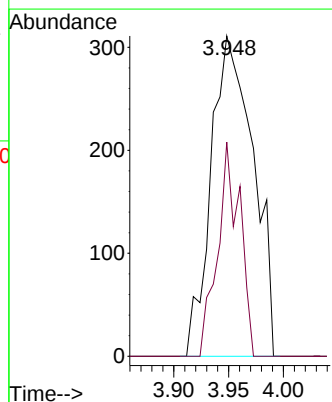
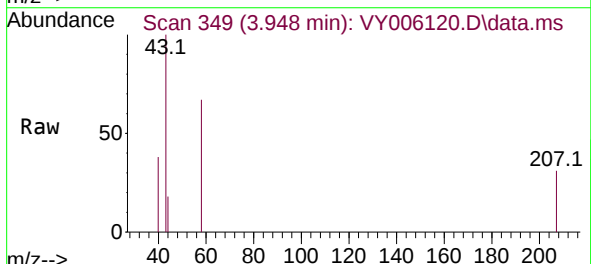
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

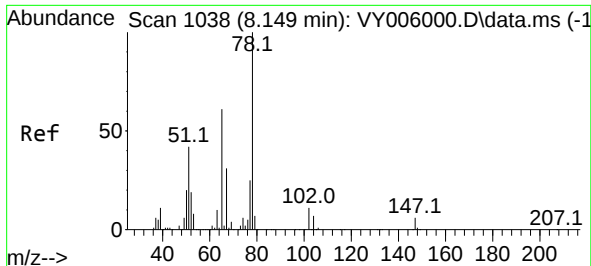
Tgt Ion:168 Resp: 119891
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#16
Acetone
Concen: 1.824 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006120.D
Acq: 23 Sep 2021 13:22

Tgt Ion: 43 Resp: 833
Ion Ratio Lower Upper
43 100
58 66.9 22.0 33.0#

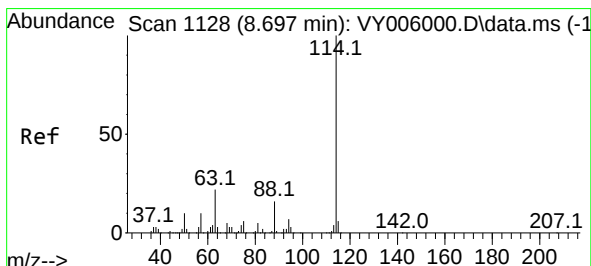
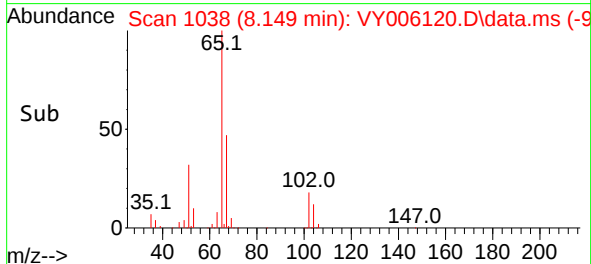
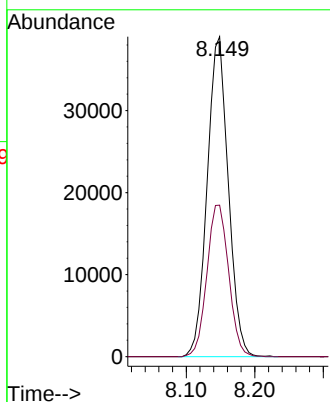
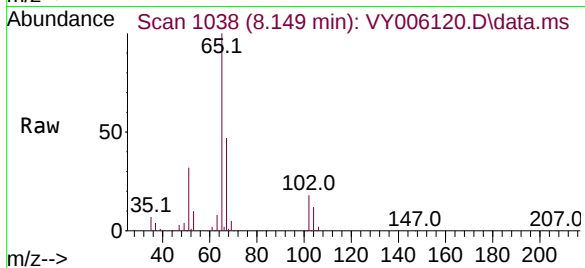




#33
1,2-Dichloroethane-d4
Concen: 50.129 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006120.D
Acq: 23 Sep 2021 13:22

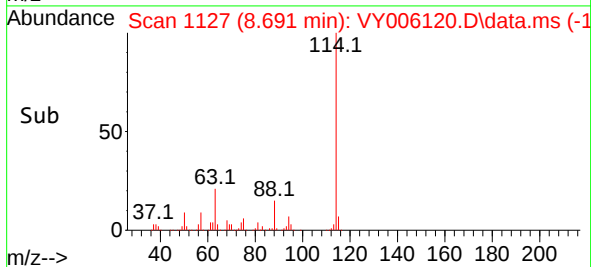
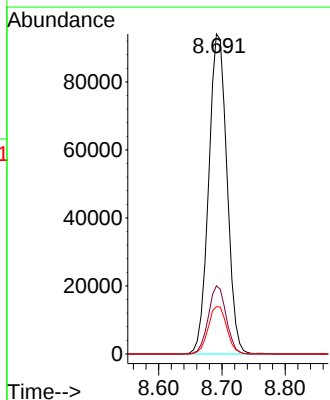
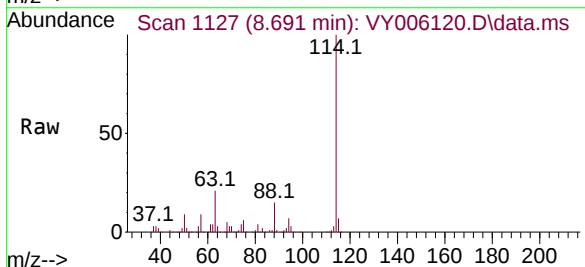
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

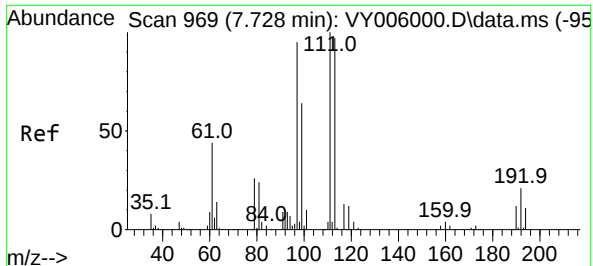
Tgt Ion: 65 Resp: 83482
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006120.D
Acq: 23 Sep 2021 13:22

Tgt Ion: 114 Resp: 188249
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 14.8 0.0 31.8

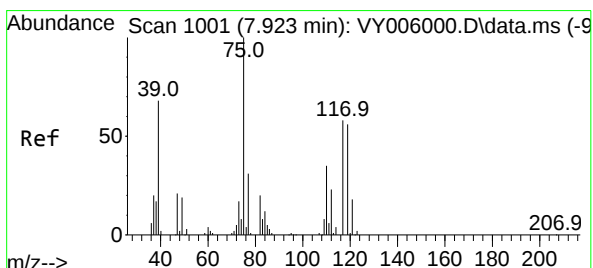
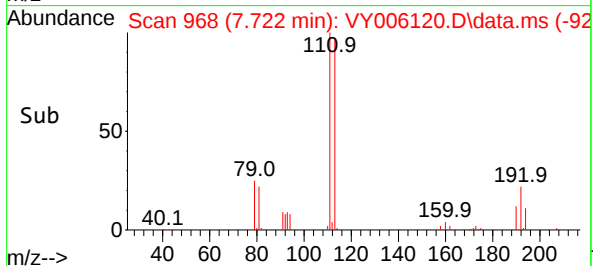
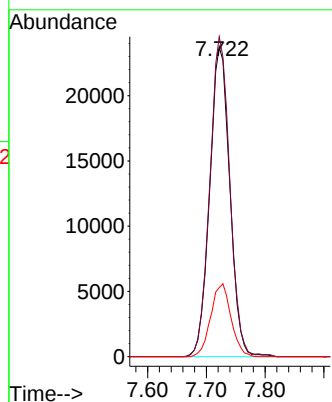
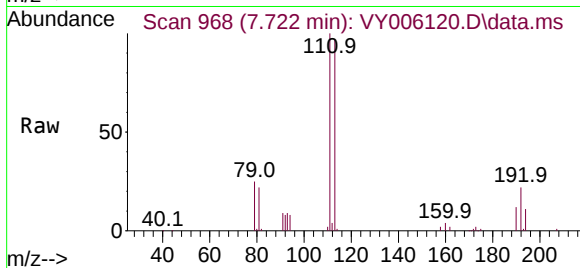




#35
Dibromofluoromethane
Concen: 48.234 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006120.D
Acq: 23 Sep 2021 13:22

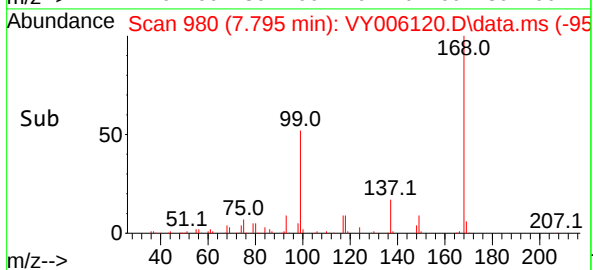
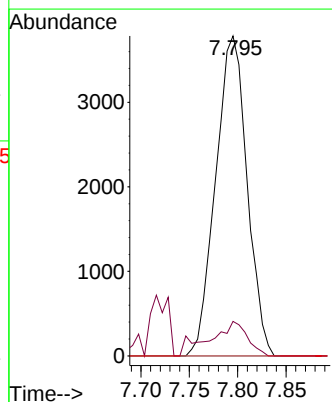
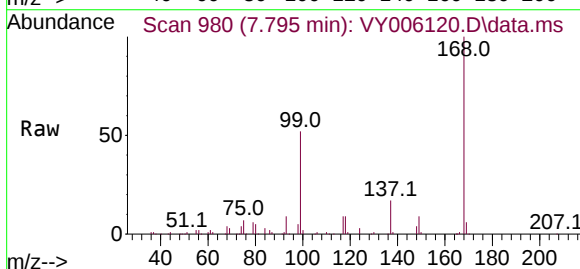
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

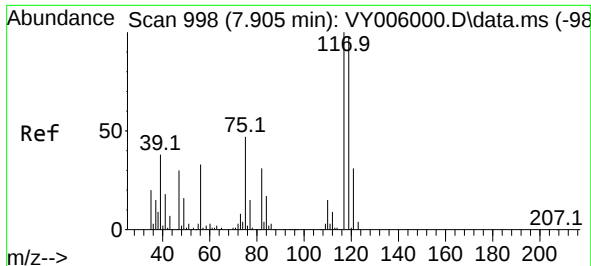
Tgt Ion:	113	Resp:	56397
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.6	124.0
192	23.8	17.6	26.4



#36
1,1-Dichloropropene
Concen: 4.210 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006120.D
Acq: 23 Sep 2021 13:22

Tgt Ion:	75	Resp:	8554
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.1	51.2#
77	0.0	24.4	36.6#

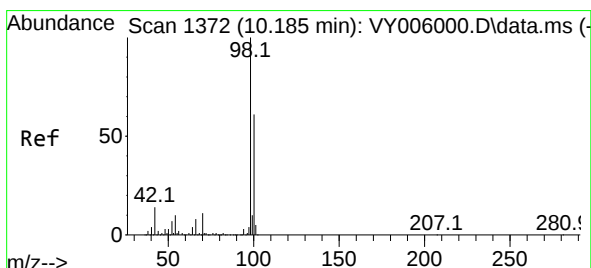
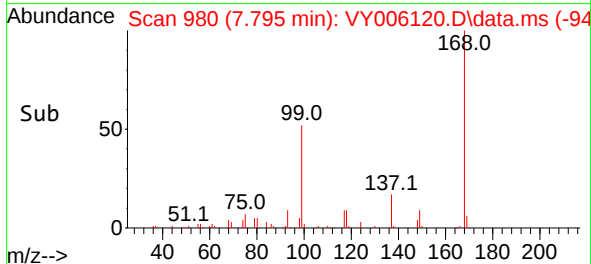
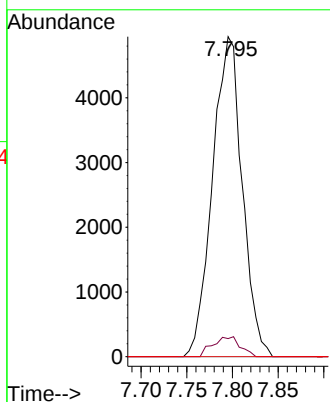
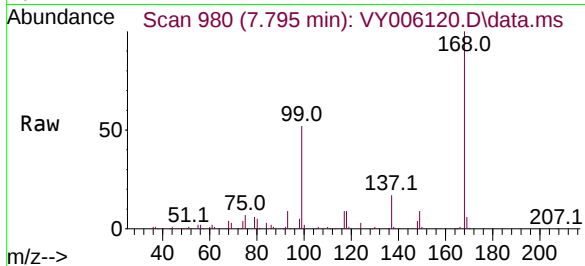




#38
Carbon Tetrachloride
Concen: 5.055 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006120.D
Acq: 23 Sep 2021 13:22

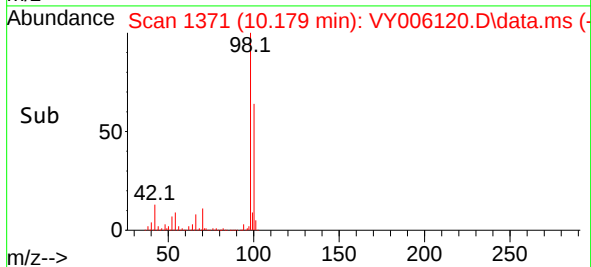
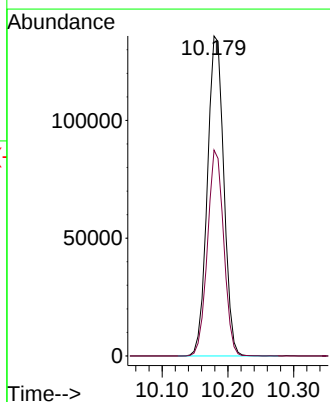
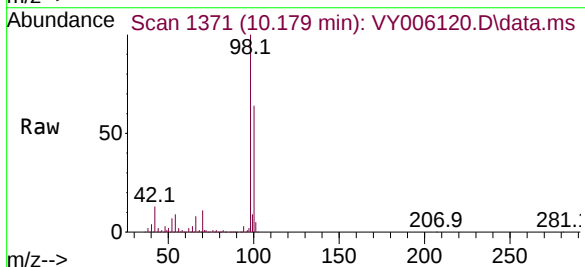
Instrument :
MSVOA_Y
ClientSampled :
COMP-2

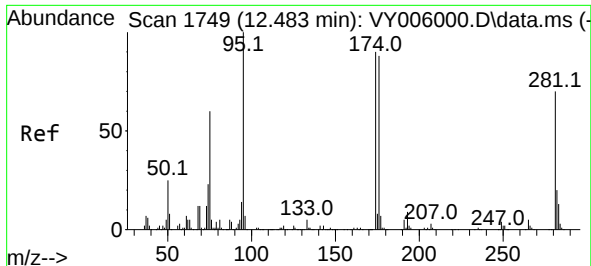
Tgt Ion:117 Resp: 11181
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.403 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006120.D
Acq: 23 Sep 2021 13:22

Tgt Ion: 98 Resp: 236229
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2

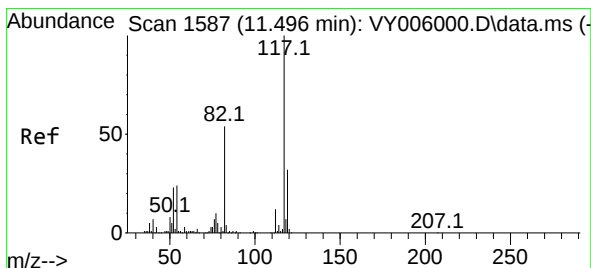
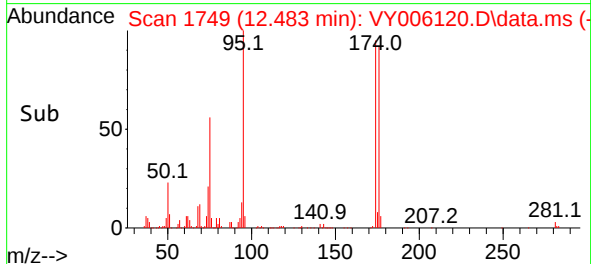
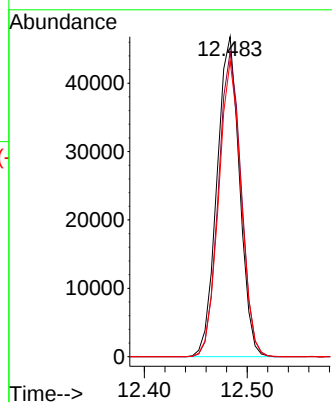
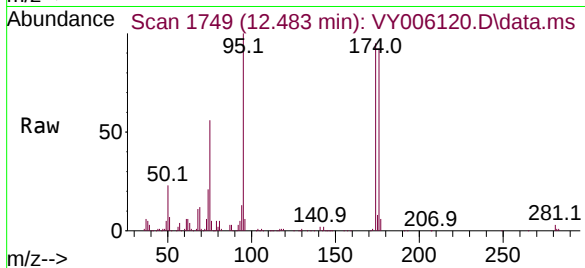




#62
4-Bromofluorobenzene
Concen: 42.083 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006120.D
Acq: 23 Sep 2021 13:22

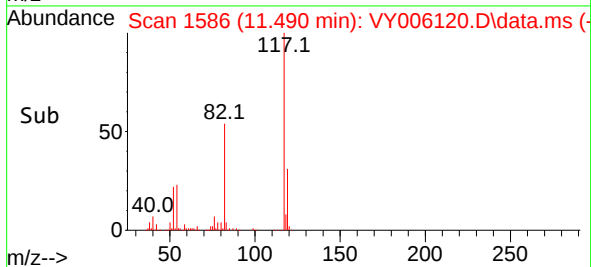
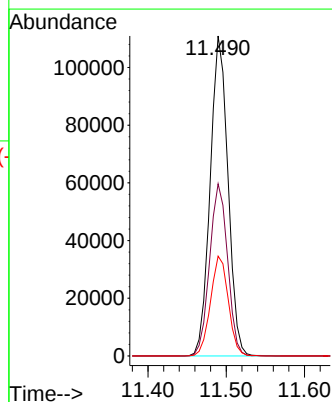
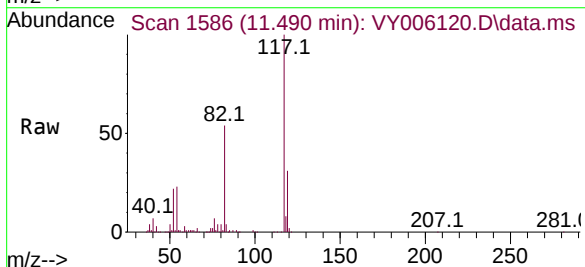
Instrument :
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ClientSampleId :
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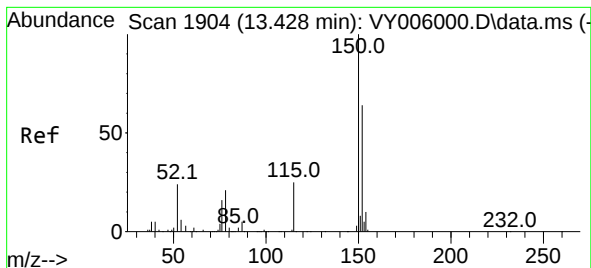
Tgt Ion: 95 Resp: 71202
Ion Ratio Lower Upper
95 100
174 95.7 0.0 177.0
176 91.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006120.D
Acq: 23 Sep 2021 13:22

Tgt Ion: 117 Resp: 174796
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.2 25.4 38.0

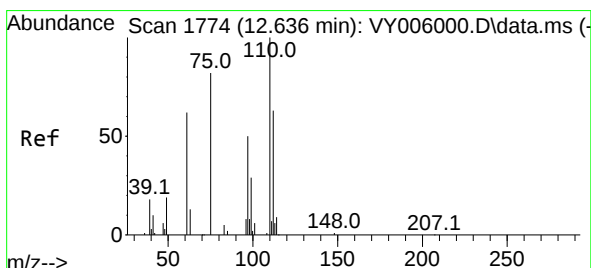
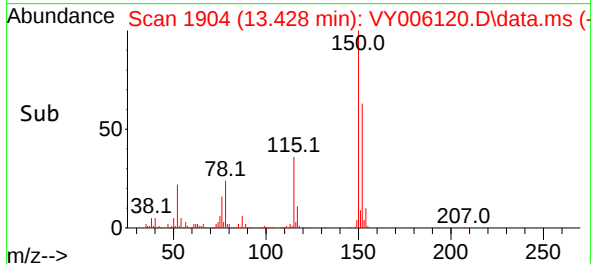
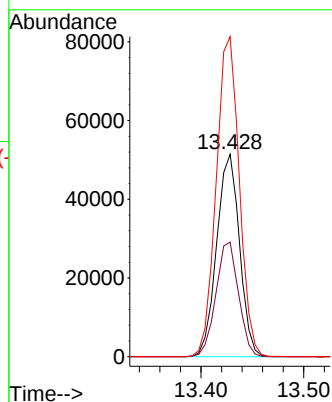
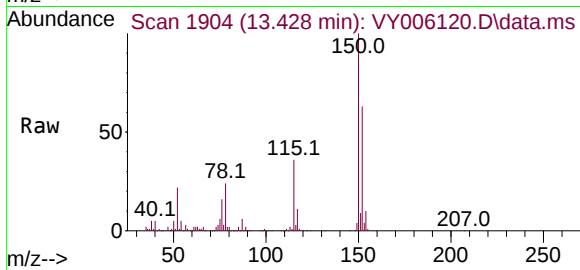




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006120.D
 Acq: 23 Sep 2021 13:22

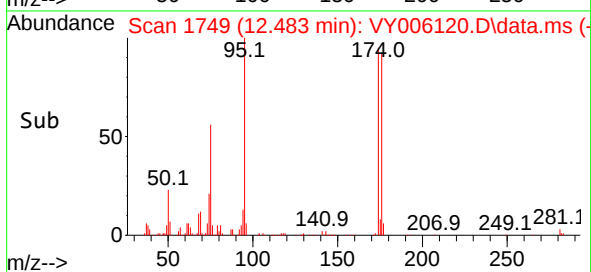
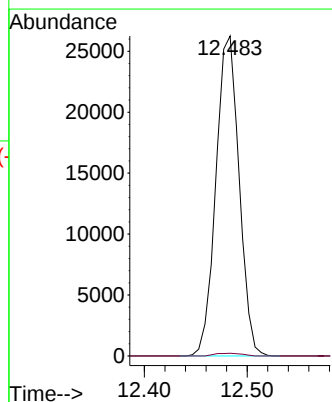
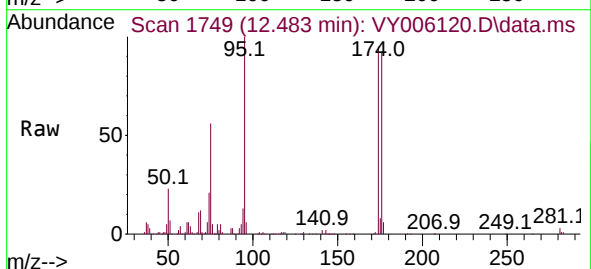
Instrument :
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 ClientSampled :
 COMP-2

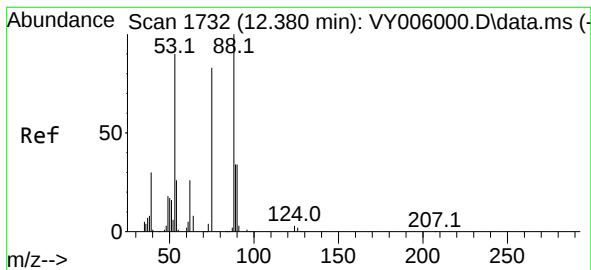
Tgt Ion:152 Resp: 79180
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.2 84.7
 150 159.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.707 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006120.D
 Acq: 23 Sep 2021 13:22

Tgt Ion: 75 Resp: 41119
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.549 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006120.D
 Acq: 23 Sep 2021 13:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Tgt Ion: 75 Resp: 41119
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.1 37.0 55.4#

