

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092021\
 Data File : VY006095.D
 Acq On : 20 Sep 2021 14:45
 Operator : SY/MD
 Sample : M3786-05RE
 Misc : 5.55G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 02:11:19 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)

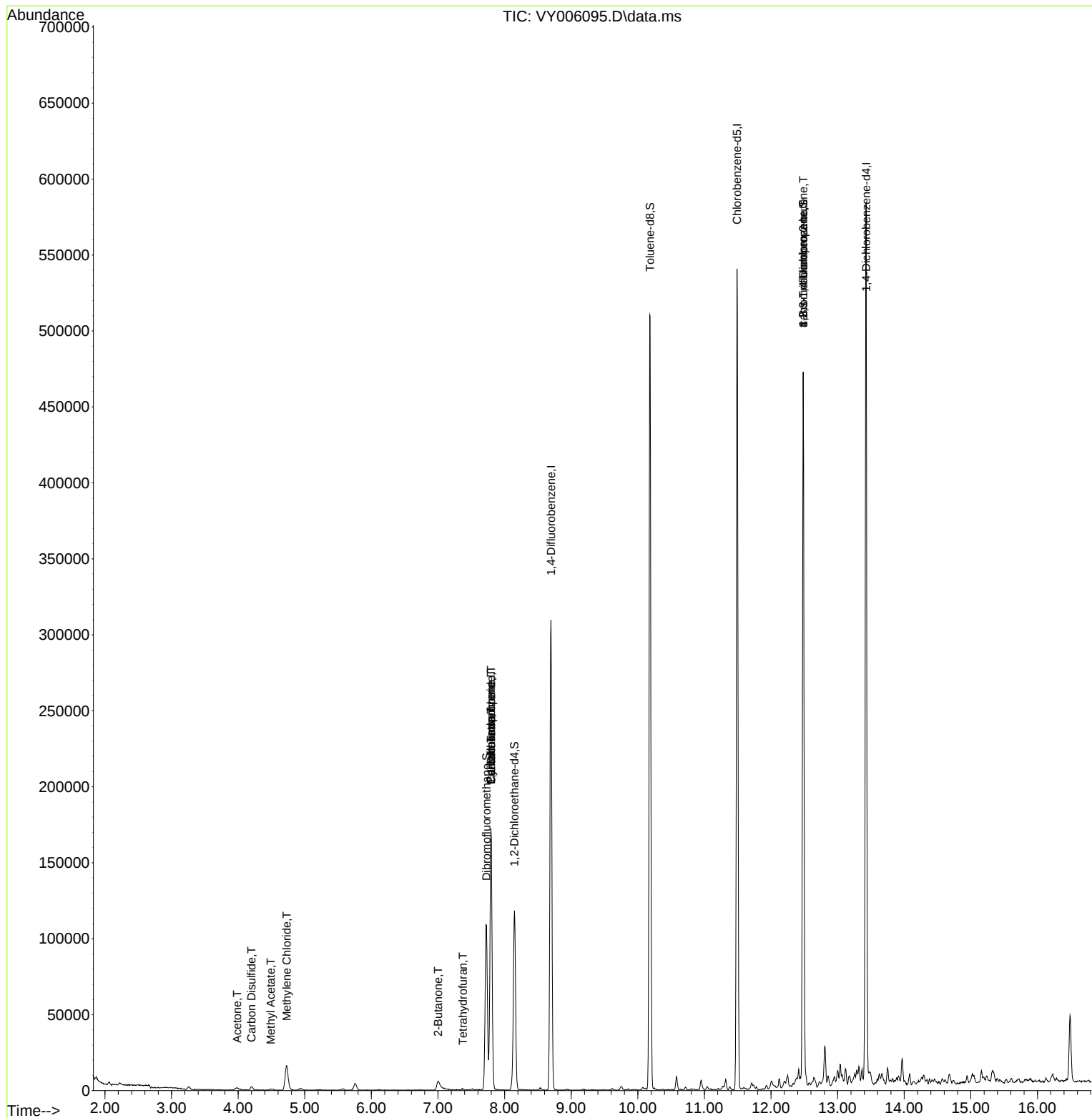
Internal Standards						
1) Pentafluorobenzene	7.795	168	130704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	247086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95672	52.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.400%	
35) Dibromofluoromethane	7.728	113	75344	49.094	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.180%	
50) Toluene-d8	10.185	98	327925	50.134	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	12.483	95	130509	58.768	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.540%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1305	Below Cal	#	77
16) Acetone	3.985	43	3835	7.701	ug/l	99
17) Carbon Disulfide	4.198	76	4650	1.067	ug/l	96
18) Methyl Acetate	4.491	43	1568	1.250	ug/l #	78
20) Methylene Chloride	4.729	84	11415	2.975	ug/l	94
25) 2-Butanone	7.003	43	1294	1.885	ug/l #	85
29) Tetrahydrofuran	7.374	42	604	1.400	ug/l #	54
31) Cyclohexane	7.795	56	3225	1.109	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	10890	4.083	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12847	4.425	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	73596	49.684	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73596	91.345	ug/l #	7

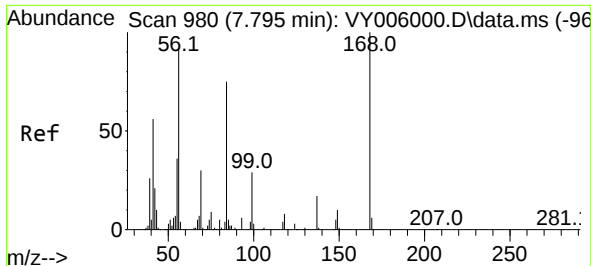
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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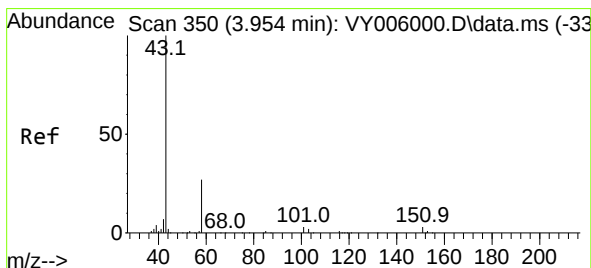
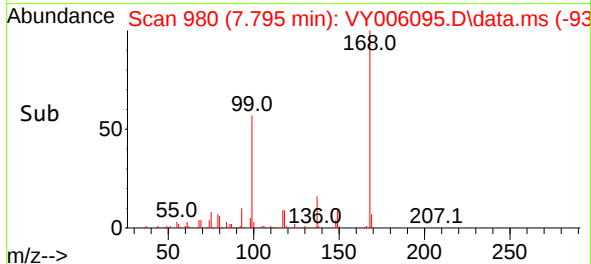
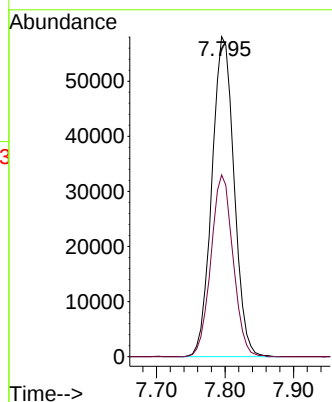
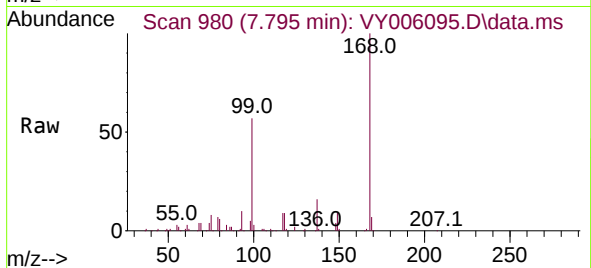




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

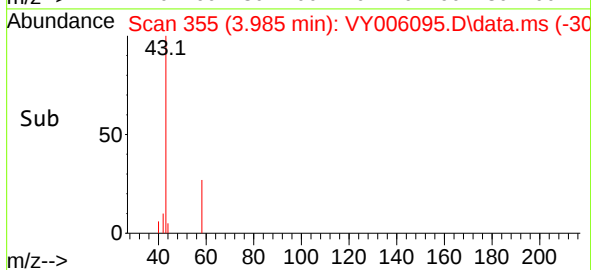
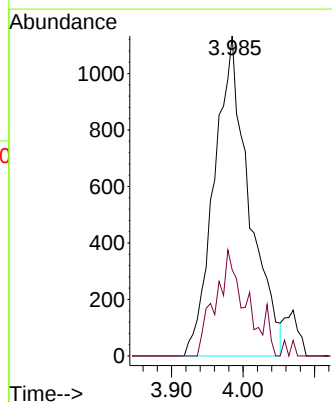
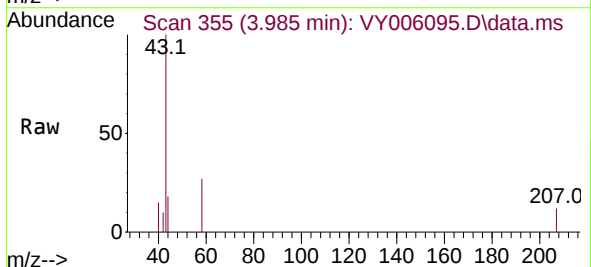
Instrument :
MSVOA_Y
ClientSampled :

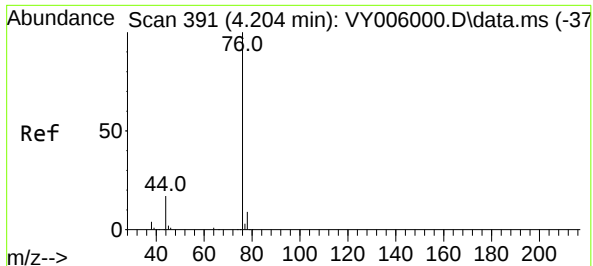
Tgt Ion:168 Resp: 130704
Ion Ratio Lower Upper
168 100
99 56.8 46.9 70.3



#16
Acetone
Concen: 7.701 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.030 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

Tgt Ion: 43 Resp: 3835
Ion Ratio Lower Upper
43 100
58 26.9 22.0 33.0

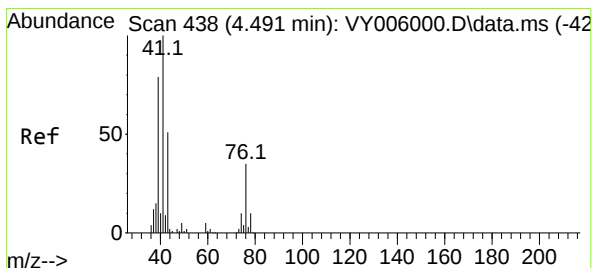
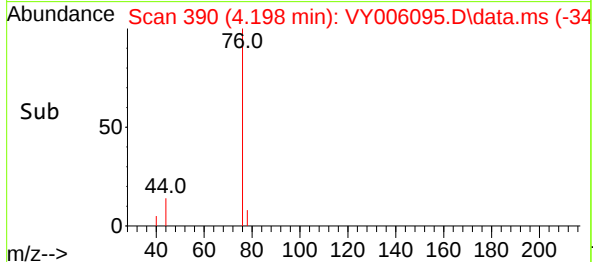
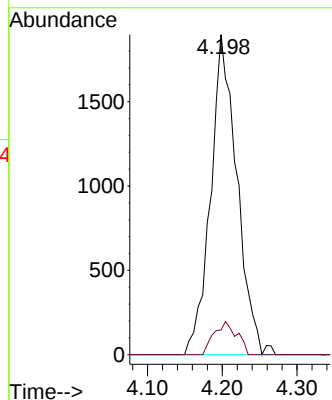
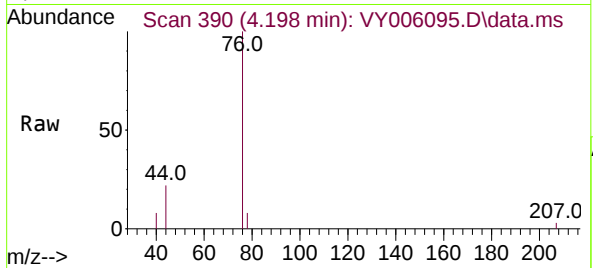




#17
Carbon Disulfide
Concen: 1.067 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

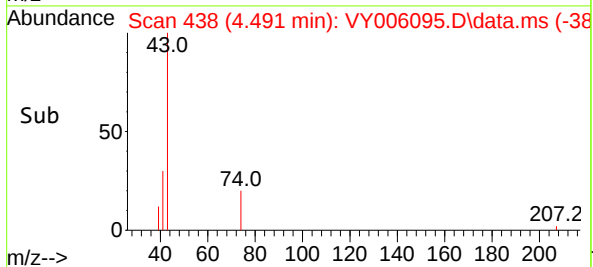
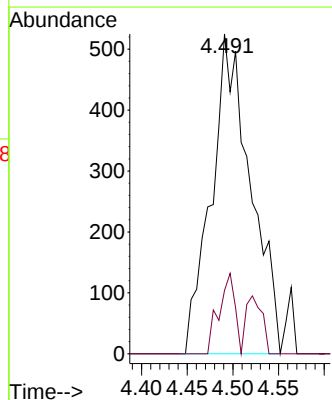
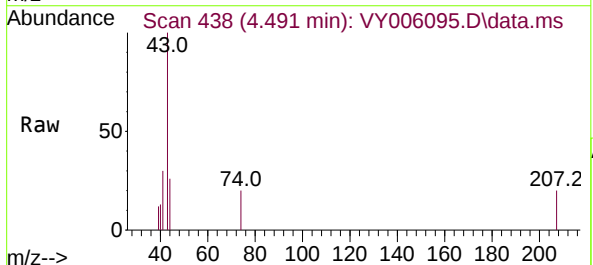
Instrument :
MSVOA_Y
ClientSampled :

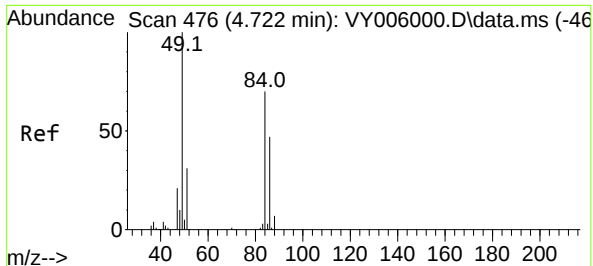
Tgt Ion: 76 Resp: 4650
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0



#18
Methyl Acetate
Concen: 1.250 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

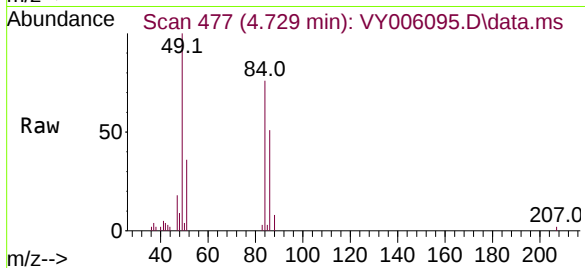
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
74 10.3 16.6 24.8#



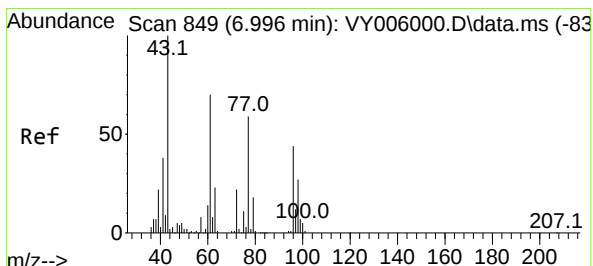
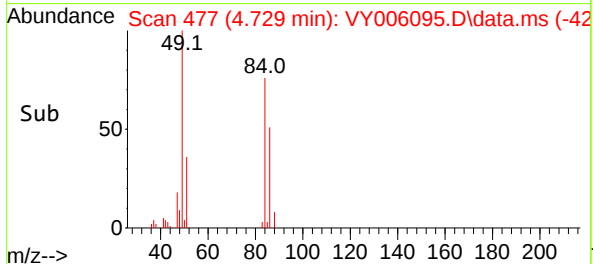
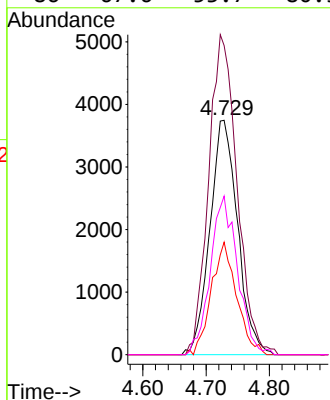


#20
Methylene Chloride
Concen: 2.975 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

Instrument :
MSVOA_Y
ClientSampleId :

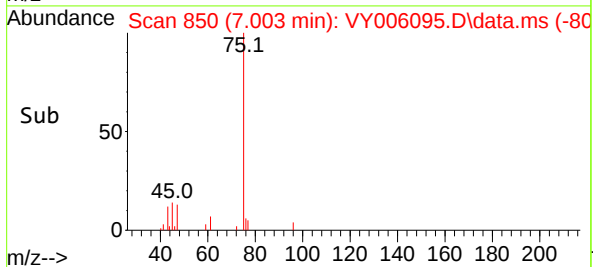
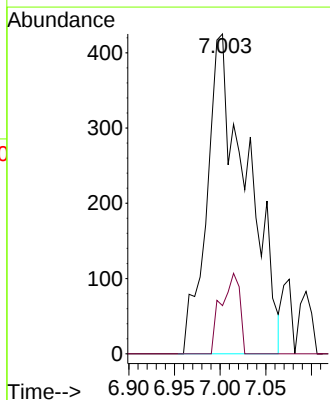
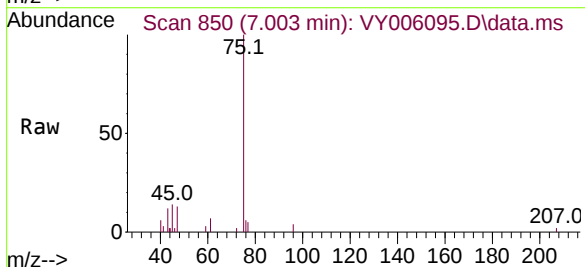


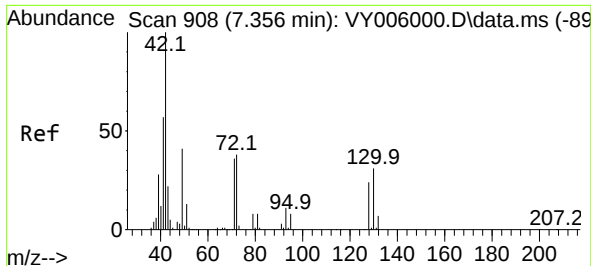
Tgt Ion:	84	Resp:	11415
Ion	Ratio	Lower	Upper
84	100		
49	131.9	114.4	171.6
51	48.0	35.3	52.9
86	67.6	53.7	80.5



#25
2-Butanone
Concen: 1.885 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

Tgt Ion:	43	Resp:	1294
Ion	Ratio	Lower	Upper
43	100		
72	15.1	17.7	26.5#





#29

Tetrahydrofuran

Concen: 1.400 ug/l

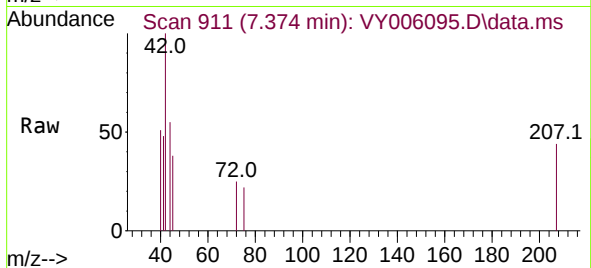
RT: 7.374 min Scan# 911

Delta R.T. 0.018 min

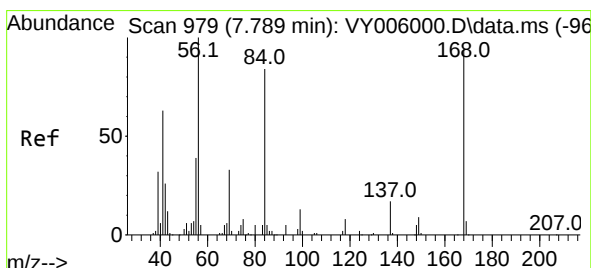
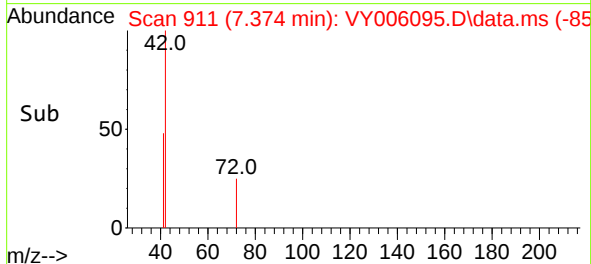
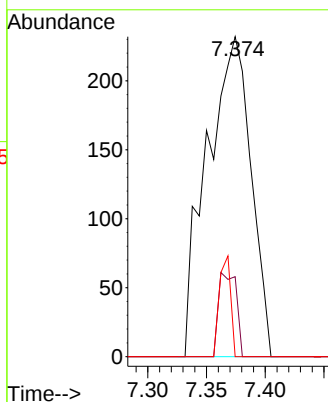
Lab File: VY006095.D

Acq: 20 Sep 2021 14:45

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	42	Resp:	604
Ion	Ratio	Lower	Upper
42	100		
72	10.6	30.3	45.5#
71	8.1	29.0	43.4#



#31

Cyclohexane

Concen: 1.109 ug/l

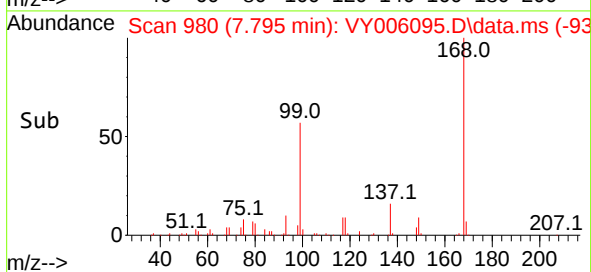
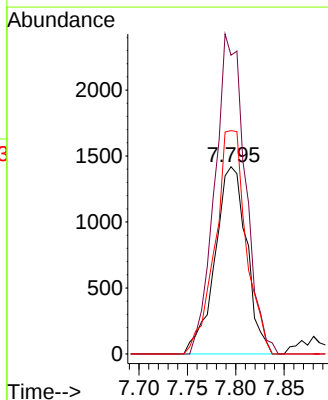
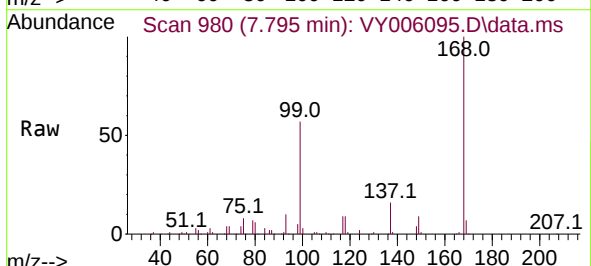
RT: 7.795 min Scan# 980

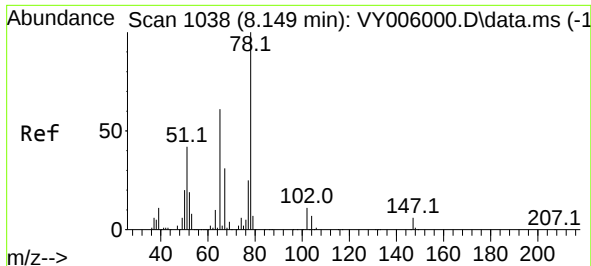
Delta R.T. 0.006 min

Lab File: VY006095.D

Acq: 20 Sep 2021 14:45

Tgt Ion:	56	Resp:	3225
Ion	Ratio	Lower	Upper
56	100		
69	159.7	26.7	40.1#
84	119.4	67.2	100.8#

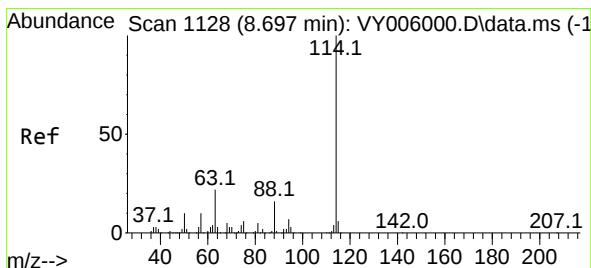
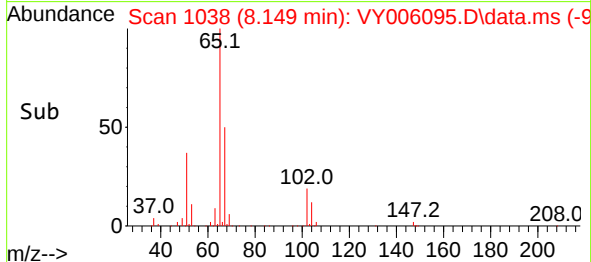
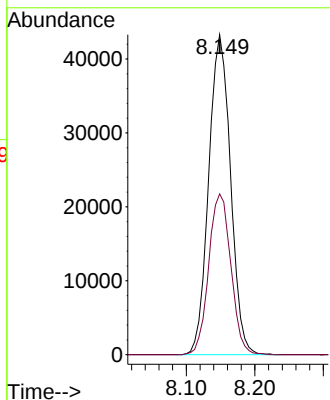
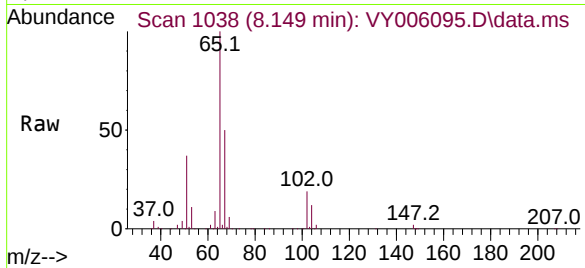




#33
 1,2-Dichloroethane-d4
 Concen: 52.696 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY006095.D
 Acq: 20 Sep 2021 14:45

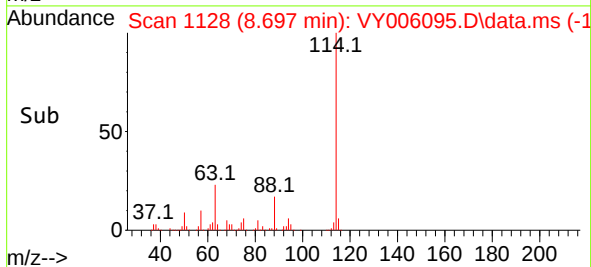
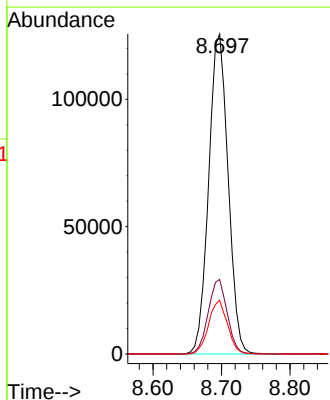
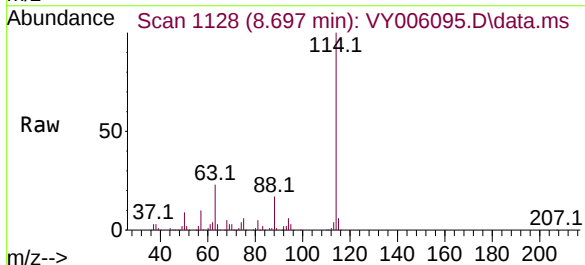
Instrument :
 MSVOA_Y
 ClientSampleId :

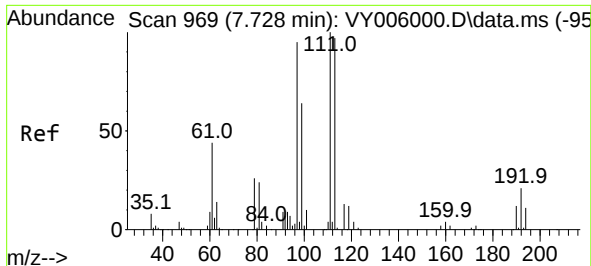
Tgt Ion: 65 Resp: 95672
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY006095.D
 Acq: 20 Sep 2021 14:45

Tgt Ion: 114 Resp: 247086
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 43.2
 88 16.8 0.0 31.8

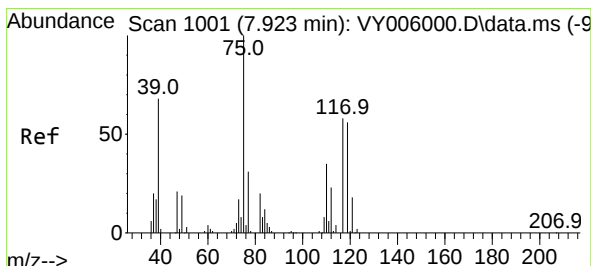
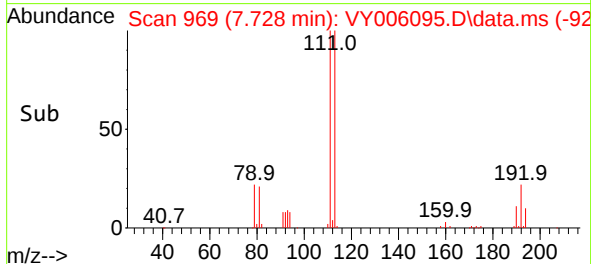
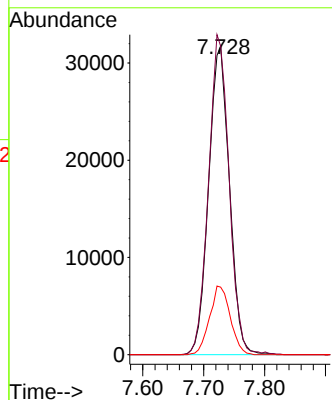
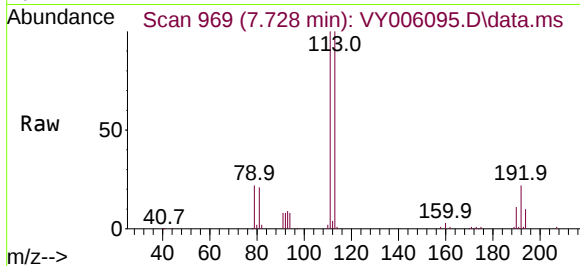




#35
Dibromofluoromethane
Concen: 49.094 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

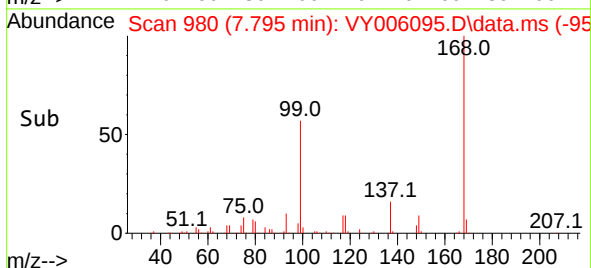
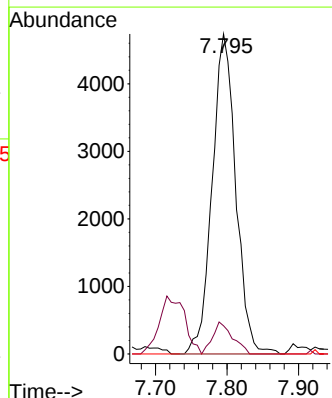
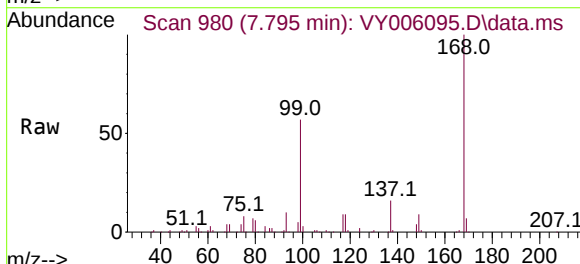
Instrument :
MSVOA_Y
ClientSampled :

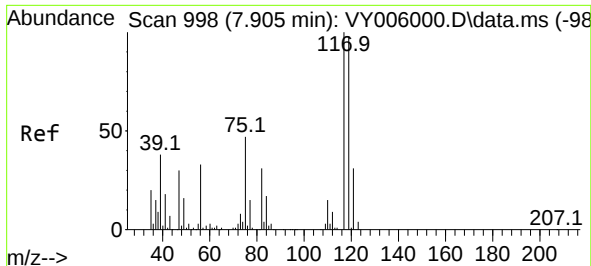
Tgt Ion:113 Resp: 75344
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 22.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.083 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

Tgt Ion: 75 Resp: 10890
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#

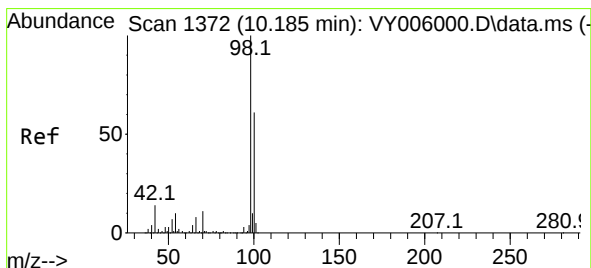
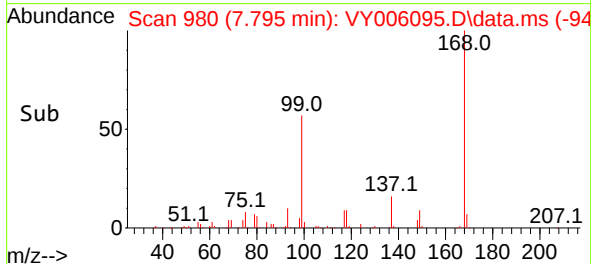
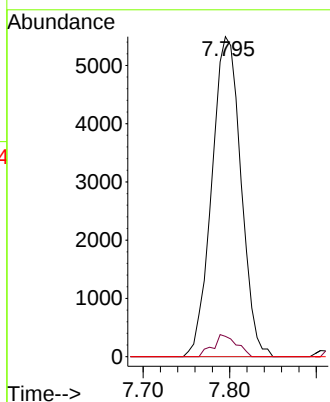
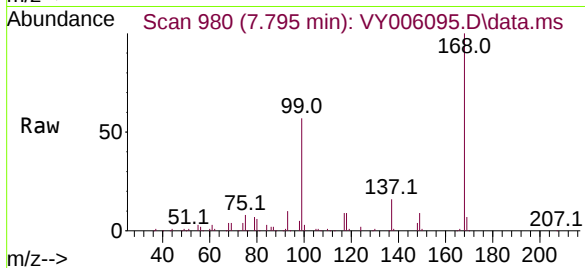




#38
Carbon Tetrachloride
Concen: 4.425 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

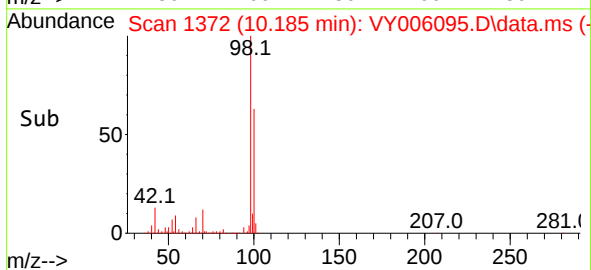
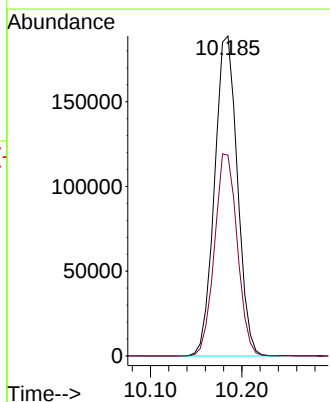
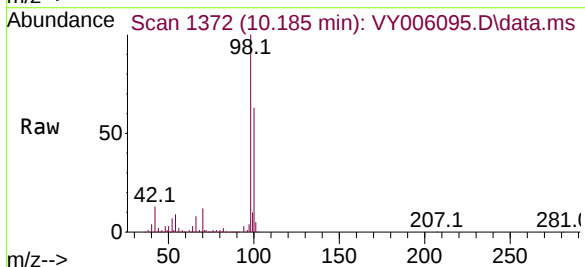
Instrument :
MSVOA_Y
ClientSampled :

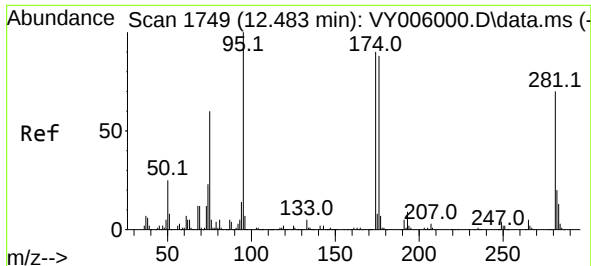
Tgt Ion: 117 Resp: 12847
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.134 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

Tgt Ion: 98 Resp: 327925
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

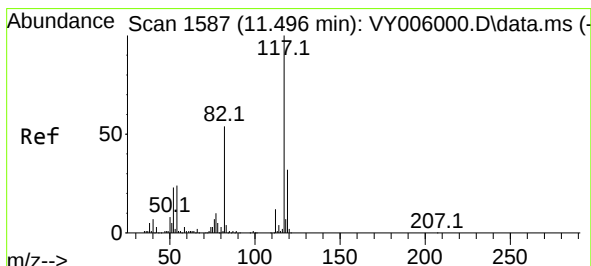
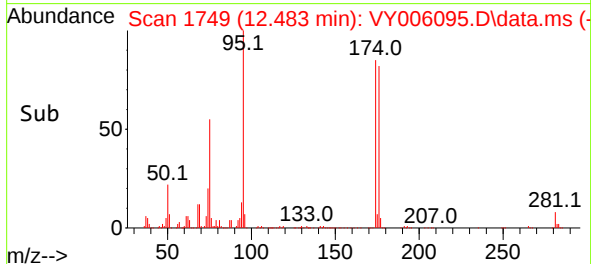
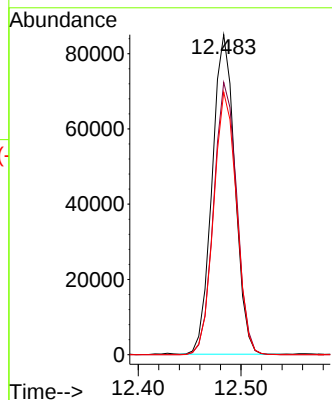
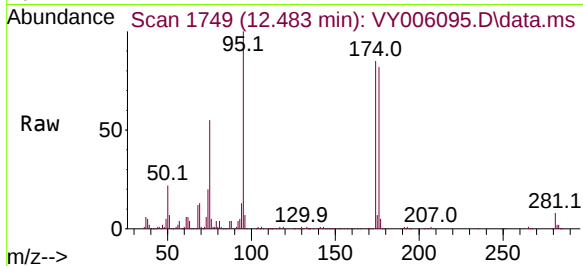




#62
4-Bromofluorobenzene
Concen: 58.768 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

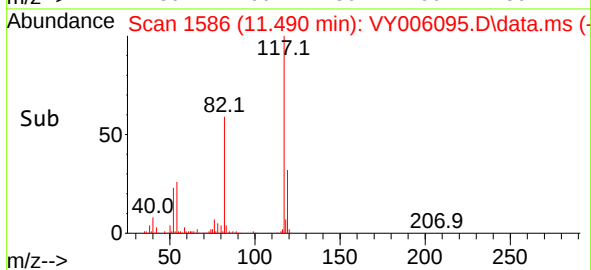
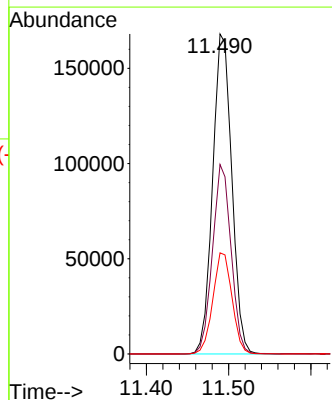
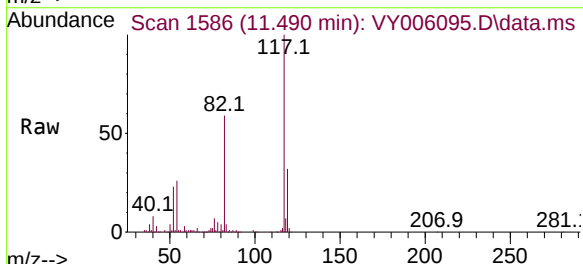
Instrument :
MSVOA_Y
ClientSampleId :

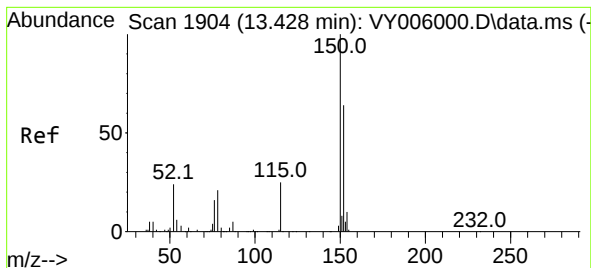
Tgt Ion: 95 Resp: 130509
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 82.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006095.D
Acq: 20 Sep 2021 14:45

Tgt Ion: 117 Resp: 271823
Ion Ratio Lower Upper
117 100
82 59.2 43.0 64.4
119 31.6 25.4 38.0

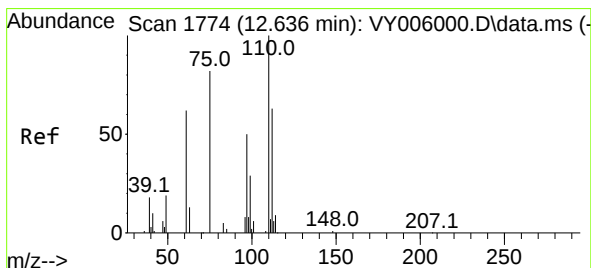
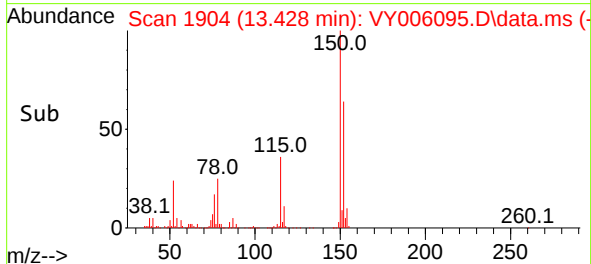
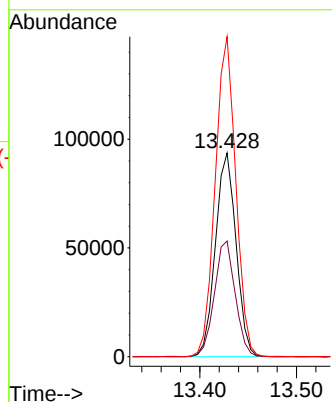
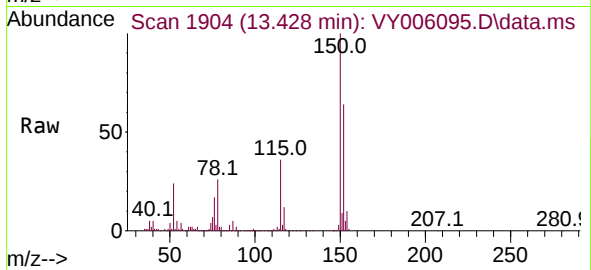




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006095.D
 Acq: 20 Sep 2021 14:45

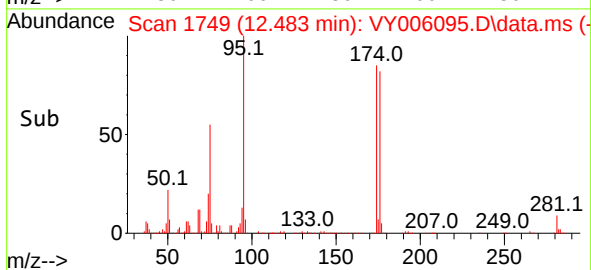
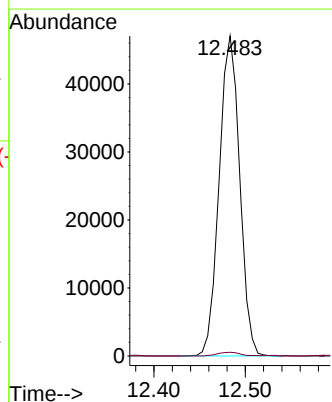
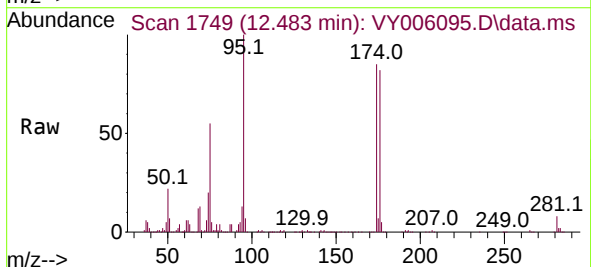
Instrument :
 MSVOA_Y
 ClientSampled :

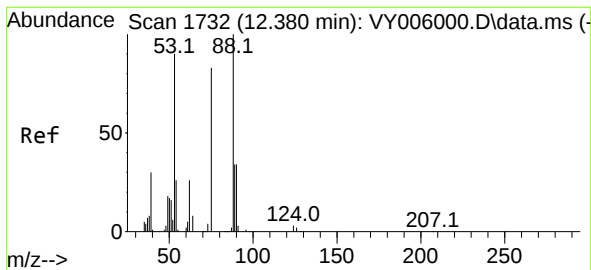
Tgt Ion:152 Resp: 138931
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.684 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006095.D
 Acq: 20 Sep 2021 14:45

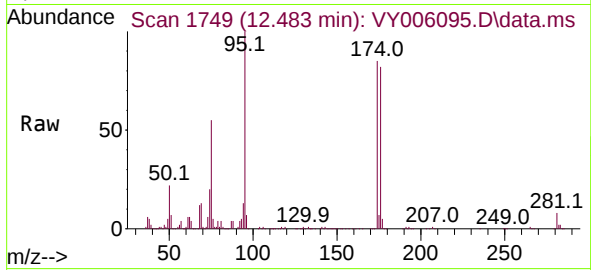
Tgt Ion: 75 Resp: 73596
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.345 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006095.D
 Acq: 20 Sep 2021 14:45

Instrument :
 MSVOA_Y
 ClientSampleId :



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

