

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006017.D
 Acq On : 15 Sep 2021 10:45
 Operator : SY/MD
 Sample : VY0915SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 01:21:23 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)

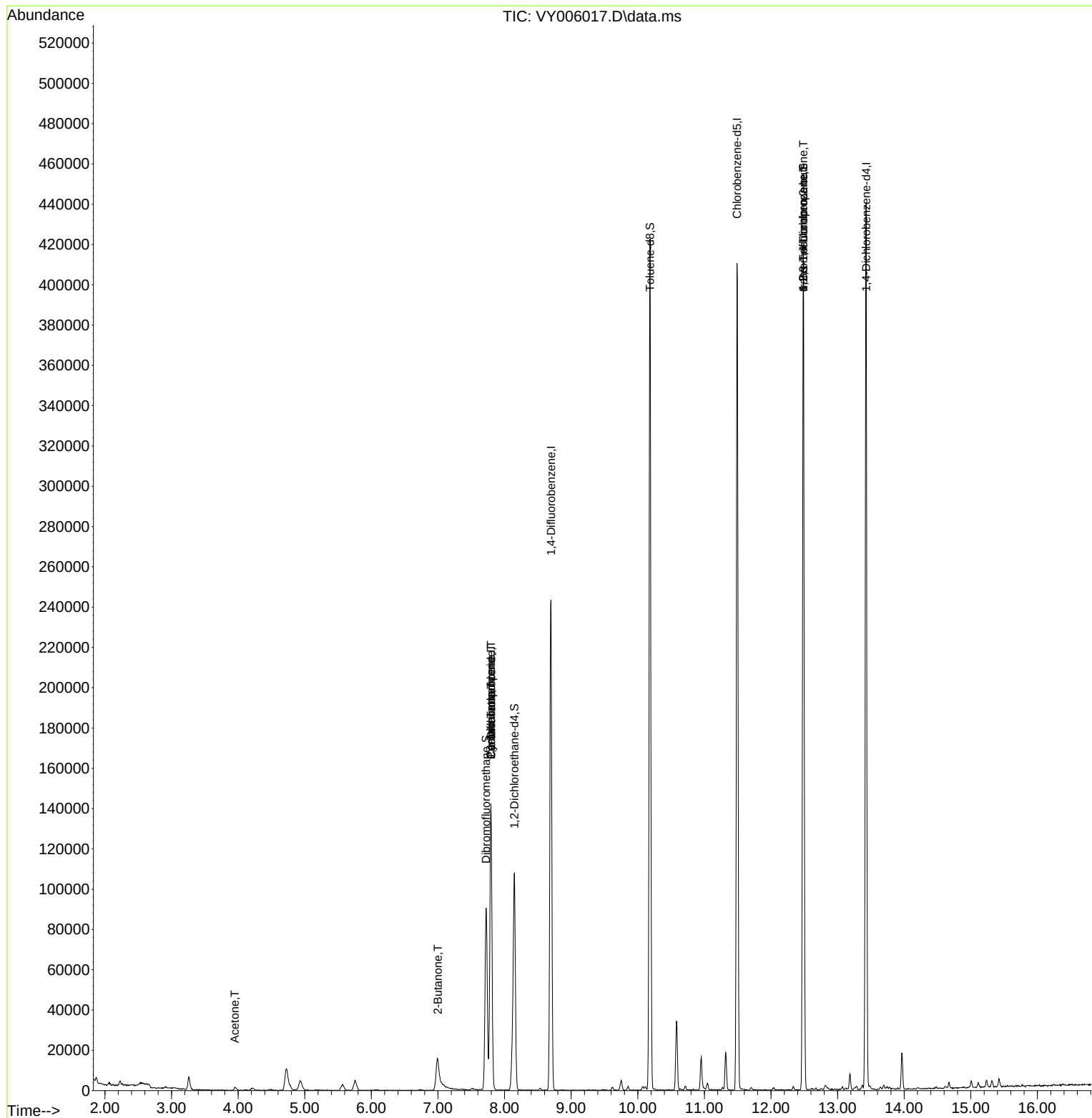
Internal Standards						
1) Pentafluorobenzene	7.795	168	108349	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	81734	54.307	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.722	113	60387	49.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.020%	
50) Toluene-d8	10.185	98	262275	49.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.880%	
62) 4-Bromofluorobenzene	12.483	95	96243	53.980	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	4858	Below Cal	#	77
16) Acetone	3.948	43	2599	6.296	ug/l	100
25) 2-Butanone	6.997	43	1394	2.450	ug/l #	75
31) Cyclohexane	7.795	56	2800	1.161	ug/l #	49
36) 1,1-Dichloropropene	7.795	75	9045	4.224	ug/l #	50
38) Carbon Tetrachloride	7.795	117	10270	4.406	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	57722	51.362	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57722	94.430	ug/l #	7

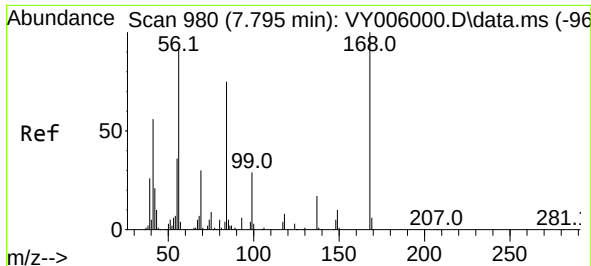
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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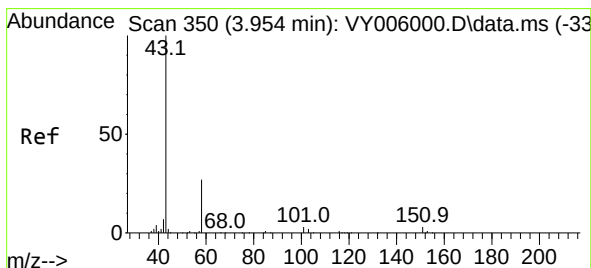
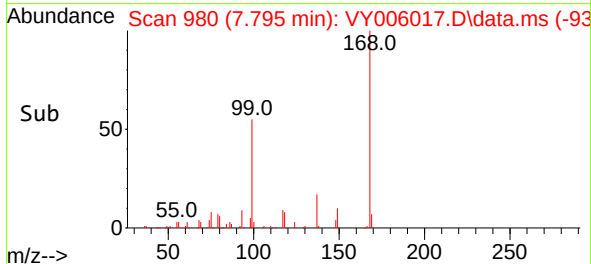
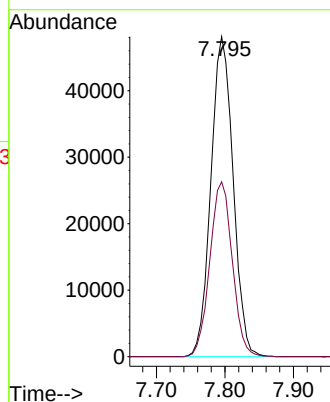
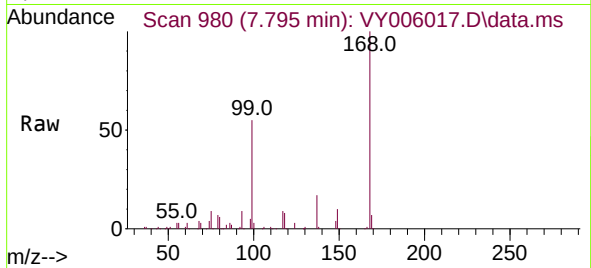




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45

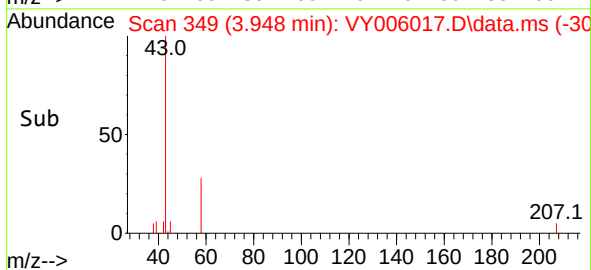
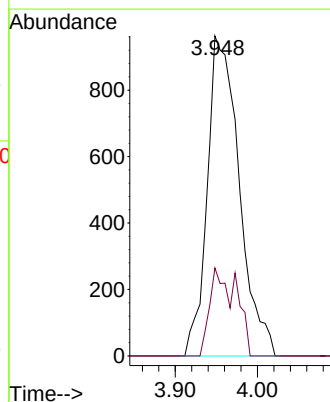
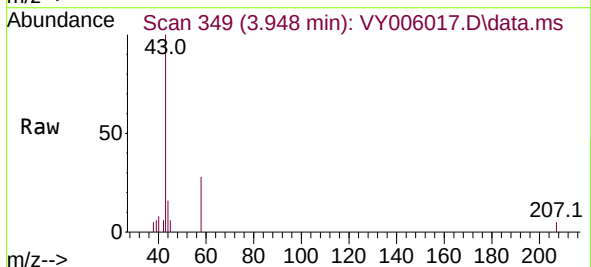
Instrument :
MSVOA_Y
ClientSampleId :

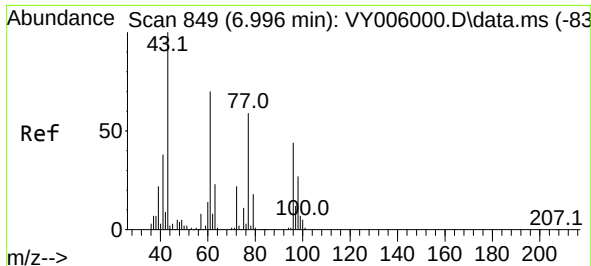
Tgt Ion:168 Resp: 108349
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#16
Acetone
Concen: 6.296 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45

Tgt Ion: 43 Resp: 2599
Ion Ratio Lower Upper
43 100
58 27.5 22.0 33.0

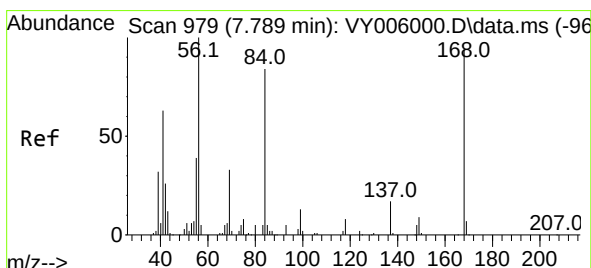
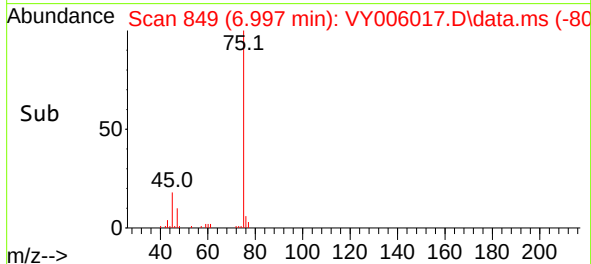
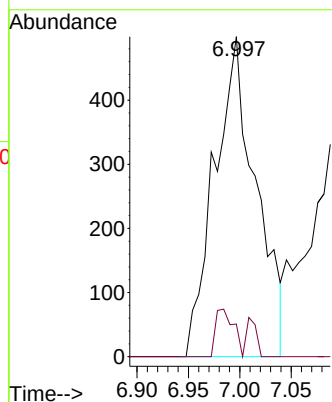
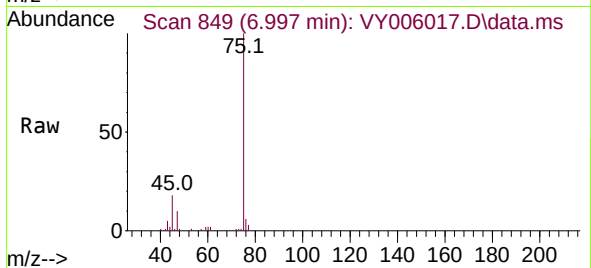




#25
2-Butanone
Concen: 2.450 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45

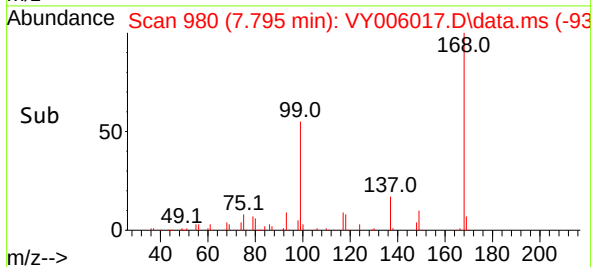
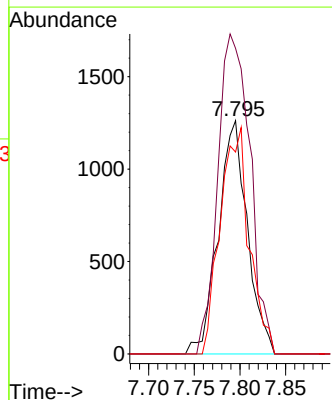
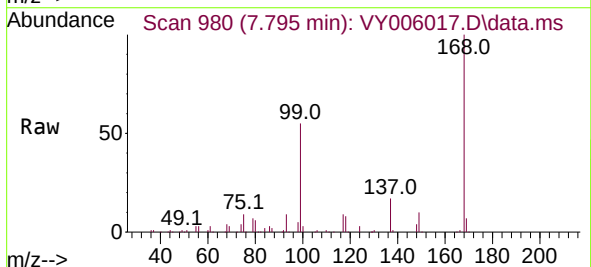
Instrument :
MSVOA_Y
ClientSampled :

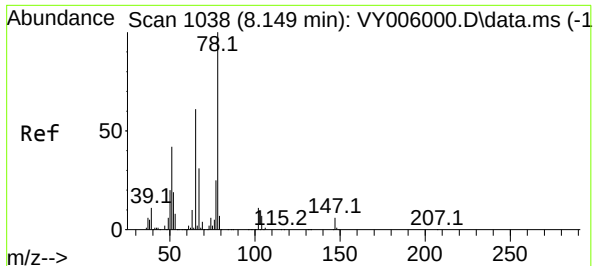
Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
72 10.2 17.7 26.5#



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45

Tgt Ion: 56 Resp: 2800
Ion Ratio Lower Upper
56 100
69 131.0 26.7 40.1#
84 86.5 67.2 100.8

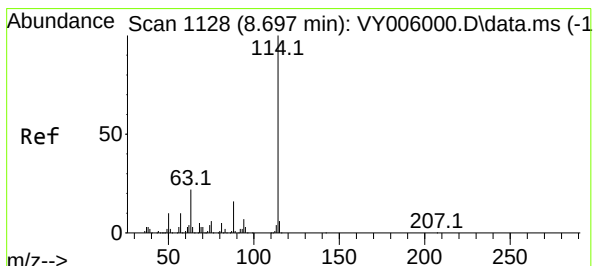
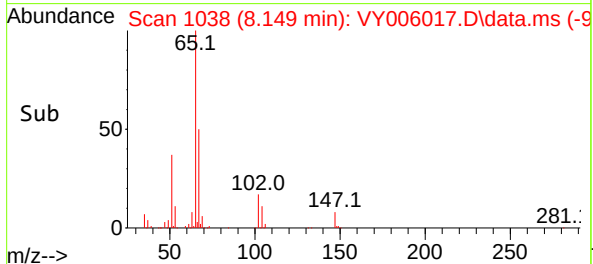
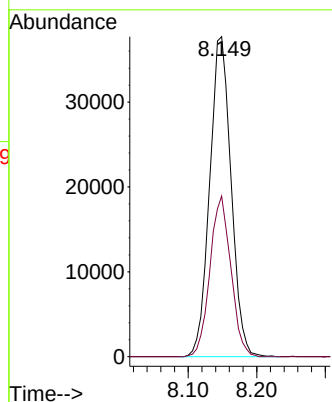
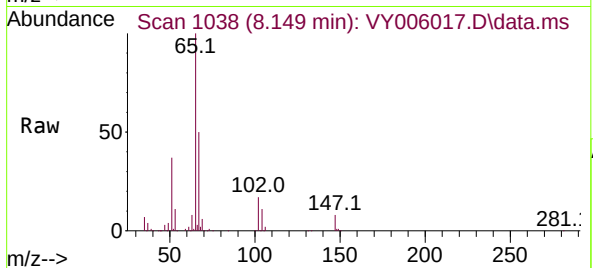




#33
1,2-Dichloroethane-d4
Concen: 54.307 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45

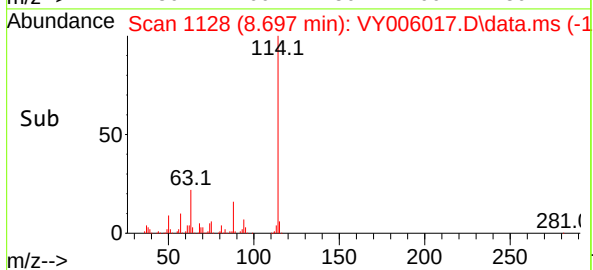
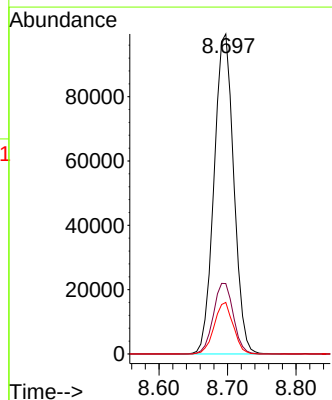
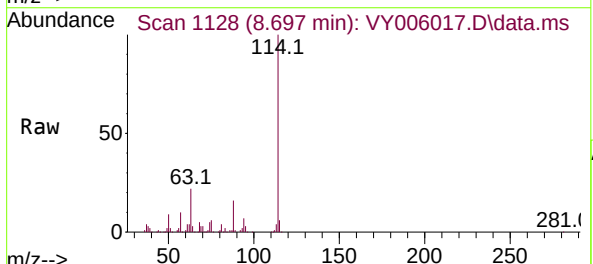
Instrument :
MSVOA_Y
ClientSampled :

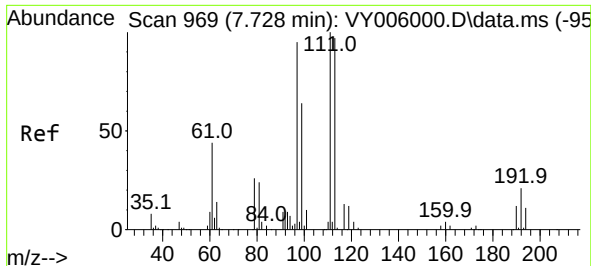
Tgt Ion: 65 Resp: 81734
Ion Ratio Lower Upper
65 100
67 49.0 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45

Tgt Ion:114 Resp: 198374
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 16.1 0.0 31.8

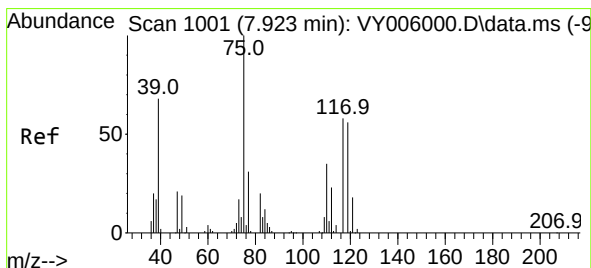
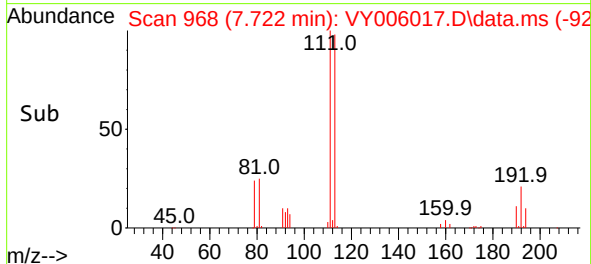
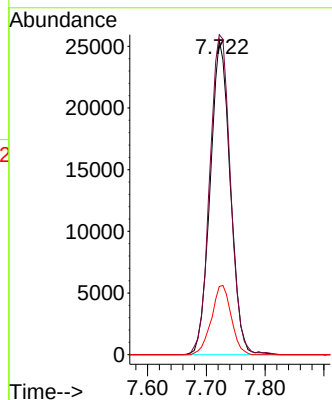
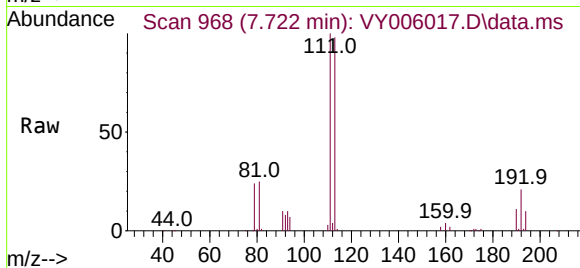




#35
Dibromofluoromethane
Concen: 49.010 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45

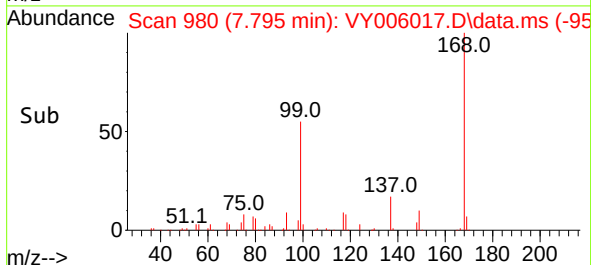
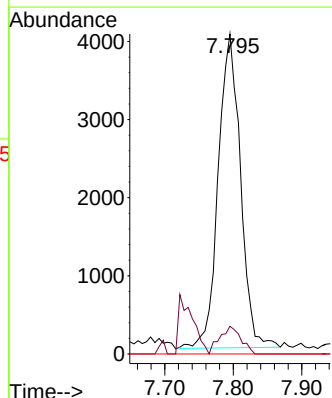
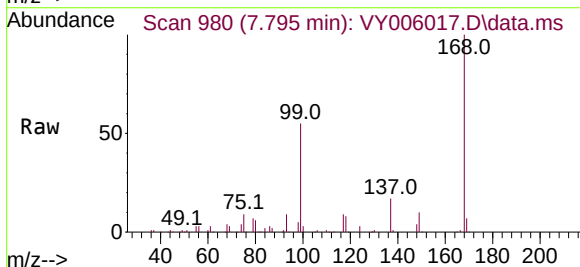
Instrument :
MSVOA_Y
ClientSampleId :

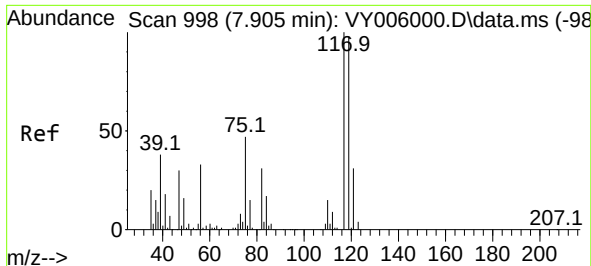
Tgt Ion:113 Resp: 60387
Ion Ratio Lower Upper
113 100
111 105.1 82.6 124.0
192 21.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.224 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45

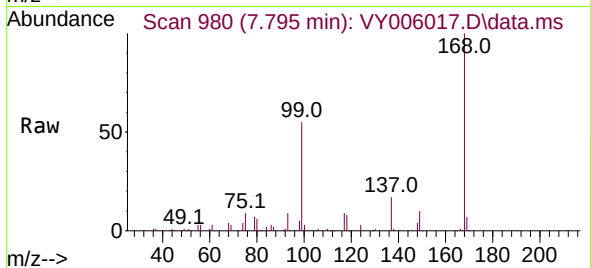
Tgt Ion: 75 Resp: 9045
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



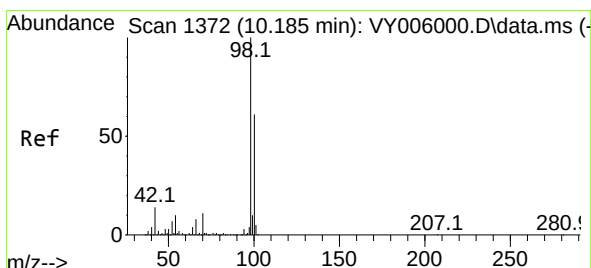
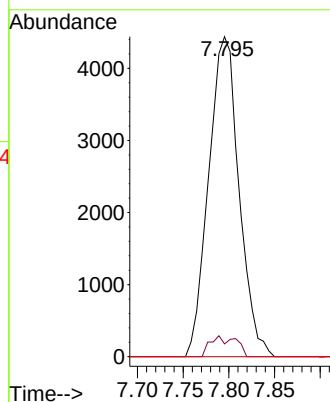
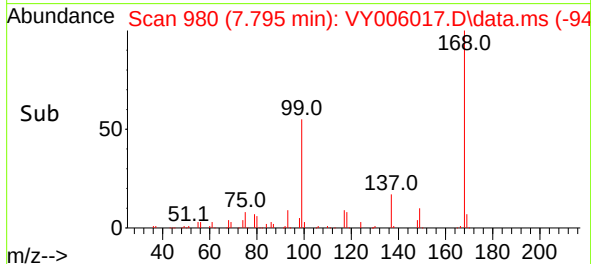


#38
Carbon Tetrachloride
Concen: 4.406 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45

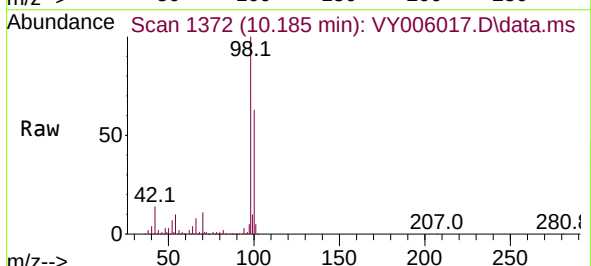
Instrument :
MSVOA_Y
ClientSampled :



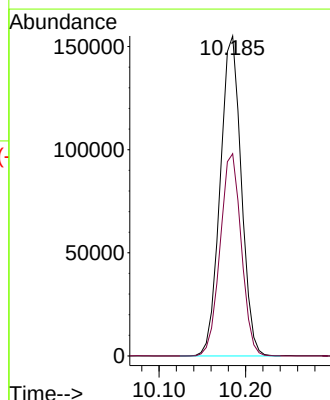
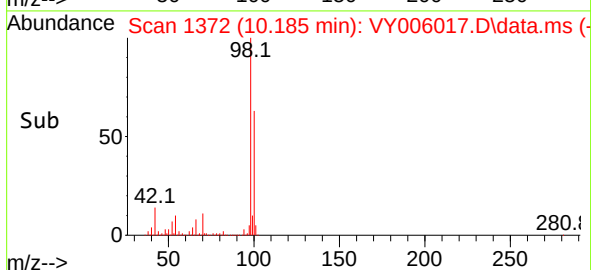
Tgt Ion: 117 Resp: 10270
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#

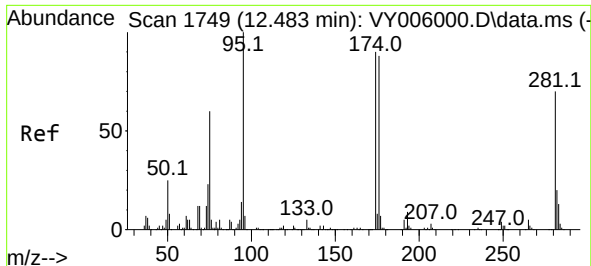


#50
Toluene-d8
Concen: 49.944 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45



Tgt Ion: 98 Resp: 262275
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

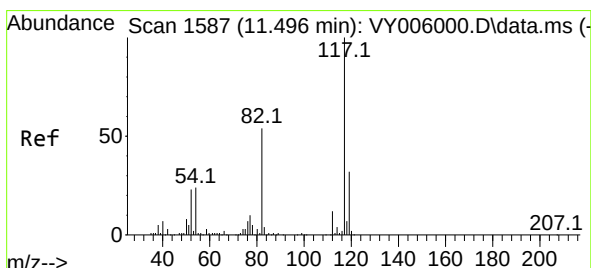
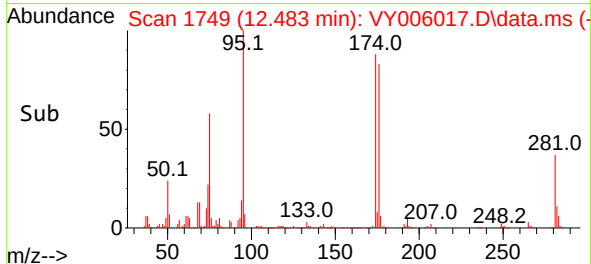
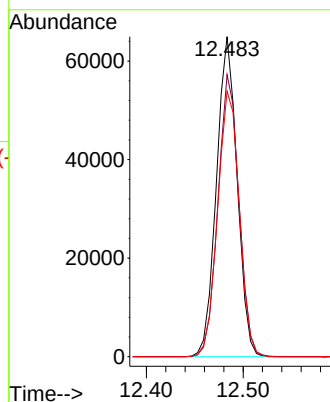
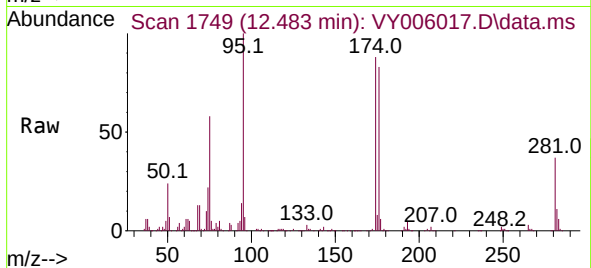




#62
4-Bromofluorobenzene
Concen: 53.980 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45

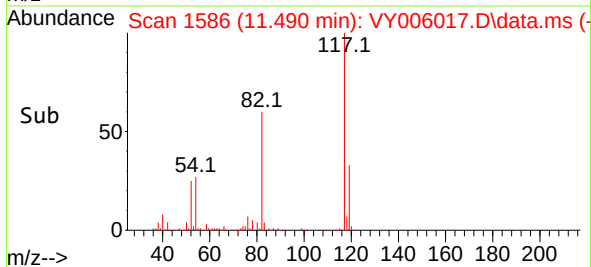
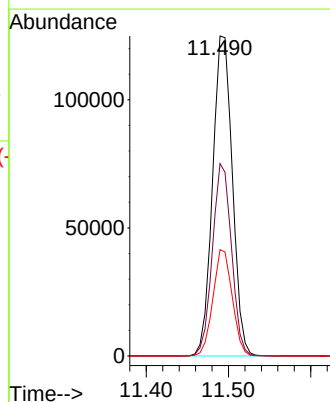
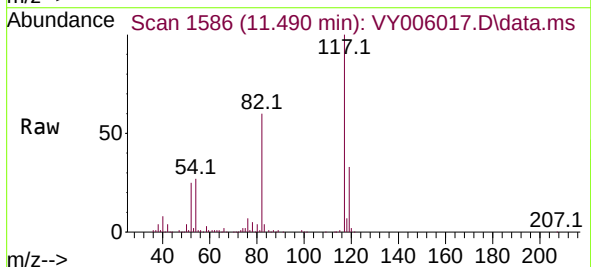
Instrument :
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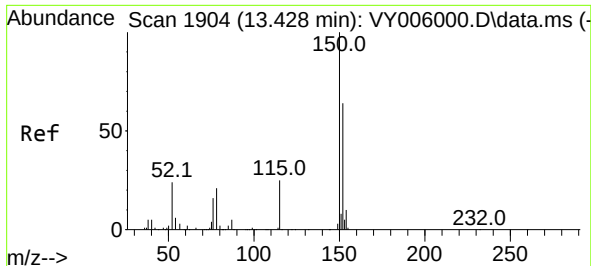
Tgt Ion: 95 Resp: 96243
Ion Ratio Lower Upper
95 100
174 89.4 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006017.D
Acq: 15 Sep 2021 10:45

Tgt Ion: 117 Resp: 209188
Ion Ratio Lower Upper
117 100
82 60.1 43.0 64.4
119 33.2 25.4 38.0

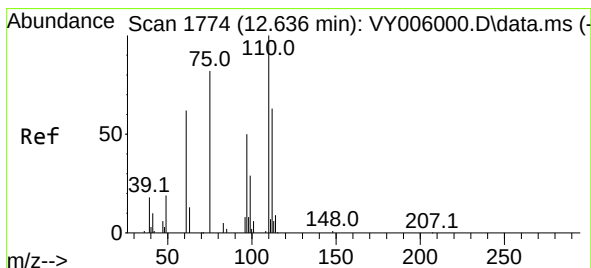
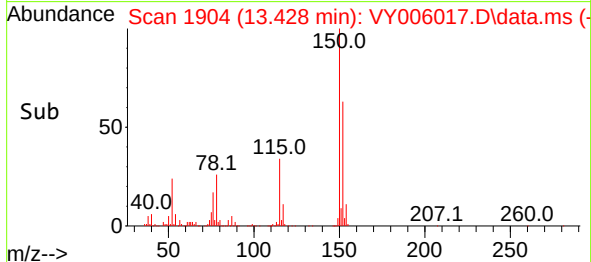
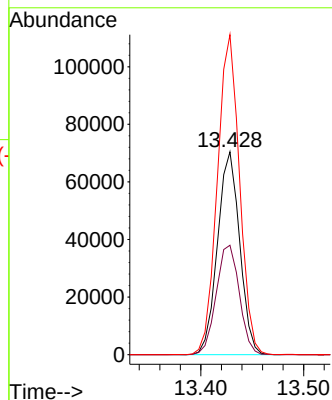
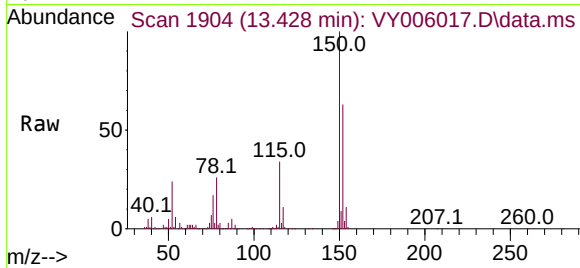




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006017.D
 Acq: 15 Sep 2021 10:45

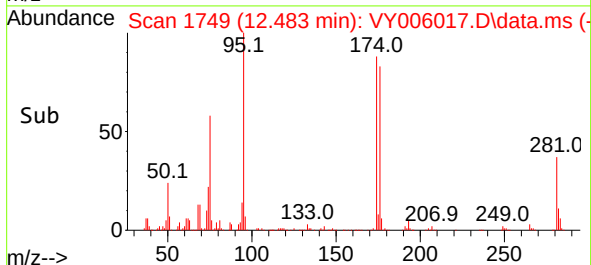
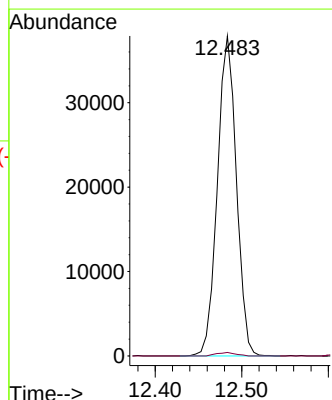
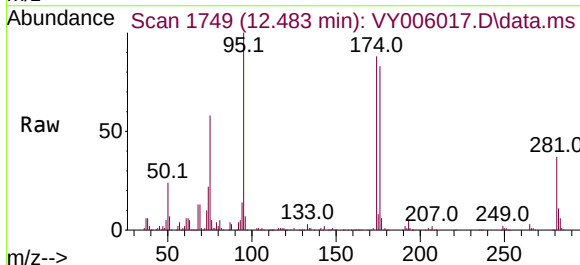
Instrument :
 MSVOA_Y
 ClientSampleId :

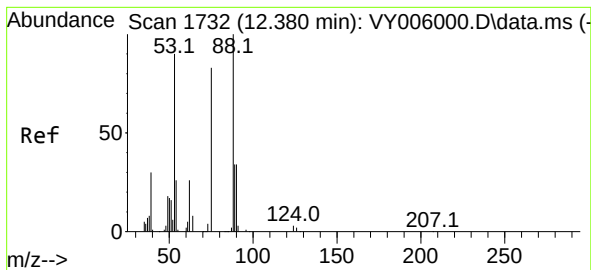
Tgt Ion:152 Resp: 105405
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 157.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.362 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006017.D
 Acq: 15 Sep 2021 10:45

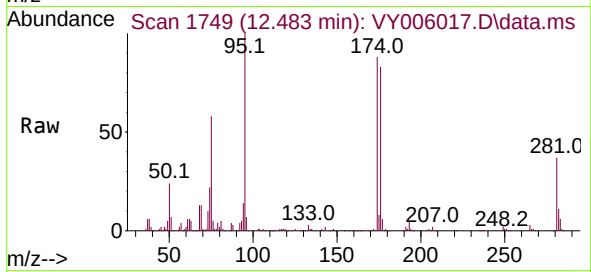
Tgt Ion: 75 Resp: 57722
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.430 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006017.D
 Acq: 15 Sep 2021 10:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.3	37.0	55.4#

