

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091521\
 Data File : VY006033.D
 Acq On : 15 Sep 2021 18:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 01:24:43 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)

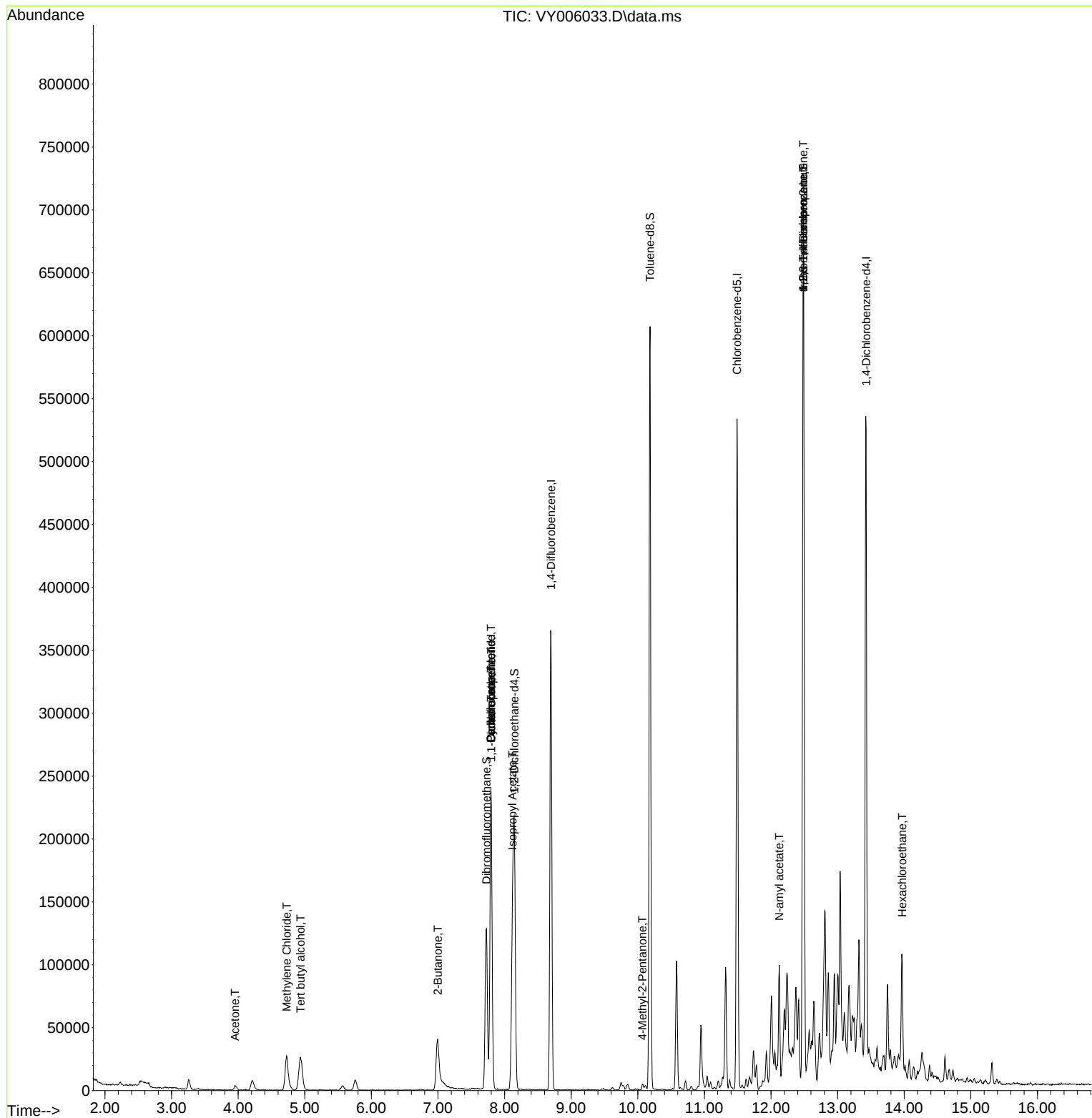
Internal Standards						
1) Pentafluorobenzene	7.795	168	179128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	291328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	266095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	126579	50.872	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 101.740%		
35) Dibromofluoromethane	7.728	113	89288	49.344	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 98.680%		
50) Toluene-d8	10.185	98	375491	48.688	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 97.380%		
62) 4-Bromofluorobenzene	12.483	95	130132	49.699	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 99.400%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	27802	35.918	ug/l #	81
16) Acetone	3.954	43	6246	9.152	ug/l	98
20) Methylene Chloride	4.729	84	18135	4.265	ug/l	94
25) 2-Butanone	6.996	43	2936	3.121	ug/l	91
31) Cyclohexane	7.795	56	4417	1.108	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	15104	4.803	ug/l #	51
38) Carbon Tetrachloride	7.795	117	17722	5.177	ug/l #	15
43) Isopropyl Acetate	8.118	43	4348	1.075	ug/l #	20
51) 4-Methyl-2-Pentanone	10.069	43	3929	1.821	ug/l	97
74) N-amyl acetate	12.124	43	20598	6.031	ug/l #	72
76) 1,2,3-Trichloropropane	12.483	75	76822	57.046	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76822	104.880	ug/l #	8
90) Hexachloroethane	13.971	117	1622	1.005	ug/l #	6

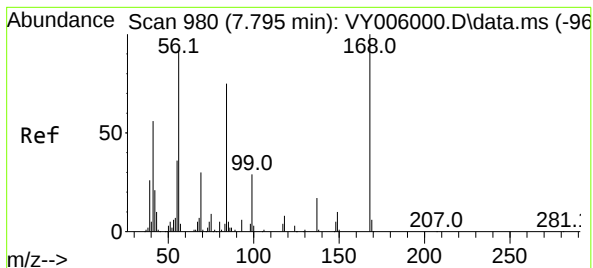
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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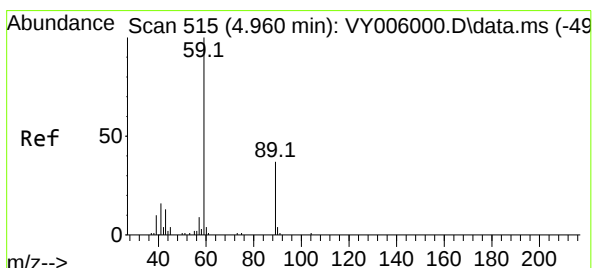
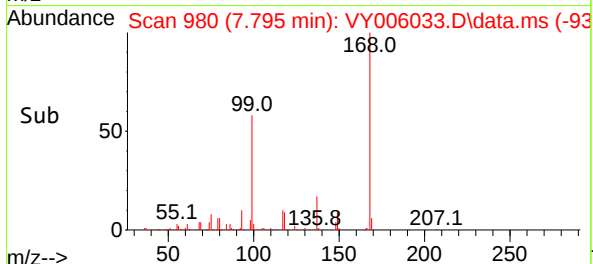
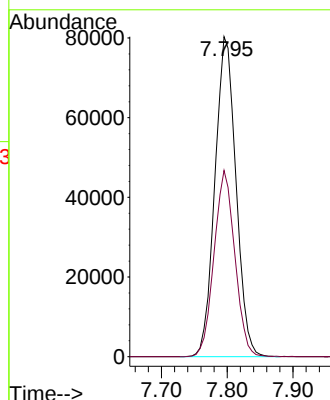
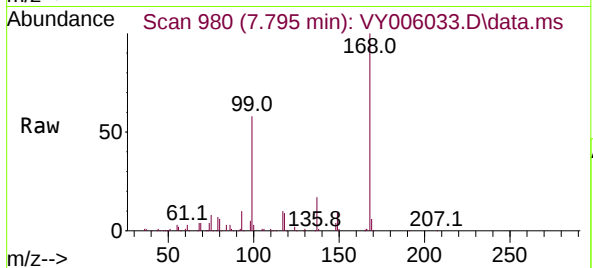




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

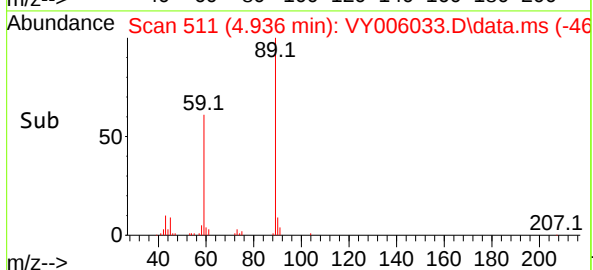
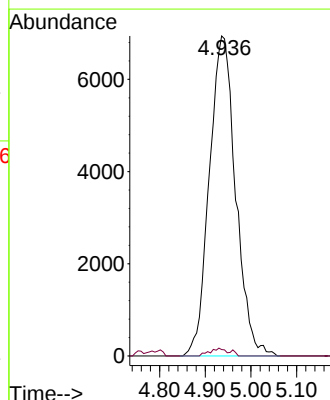
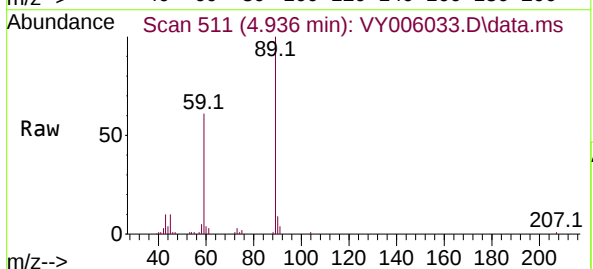
Instrument :
MSVOA_Y
ClientSampleId :

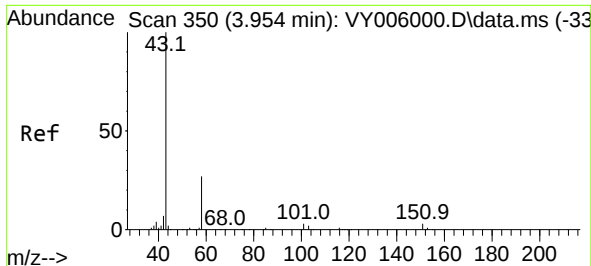
Tgt Ion:168 Resp: 179128
Ion Ratio Lower Upper
168 100
99 58.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 35.918 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

Tgt Ion: 59 Resp: 27802
Ion Ratio Lower Upper
59 100
57 1.4 6.4 9.6#

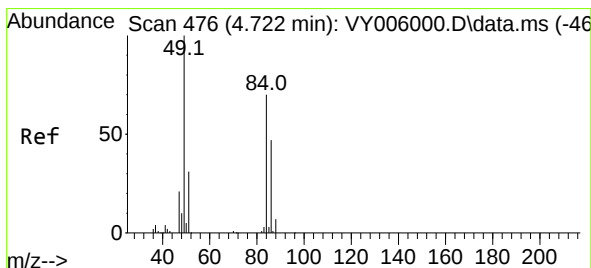
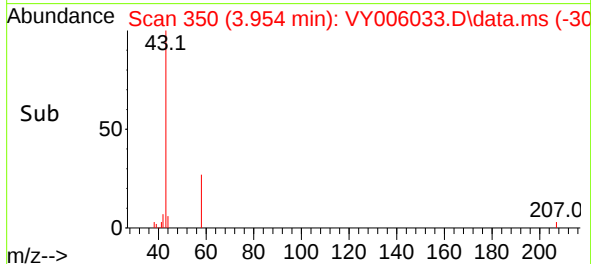
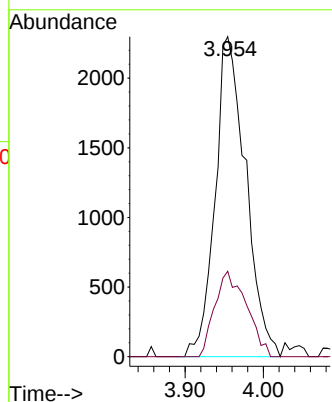
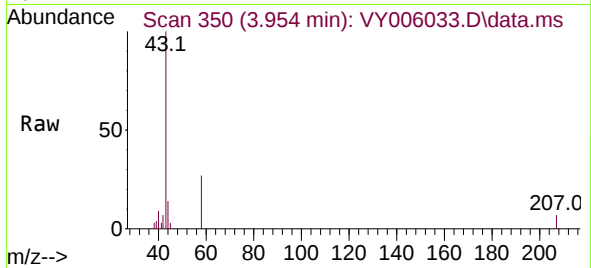




#16
Acetone
Concen: 9.152 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

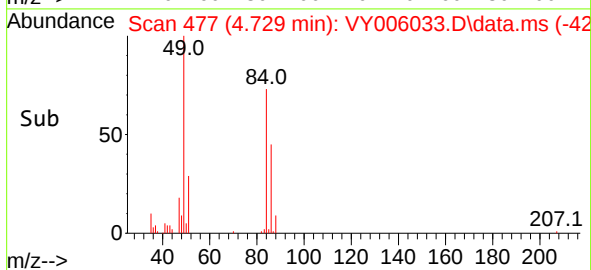
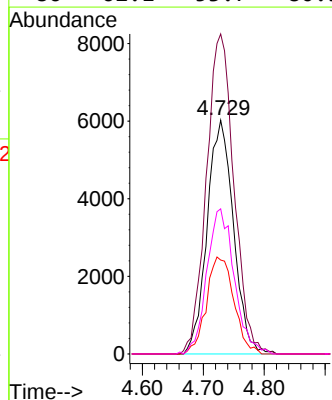
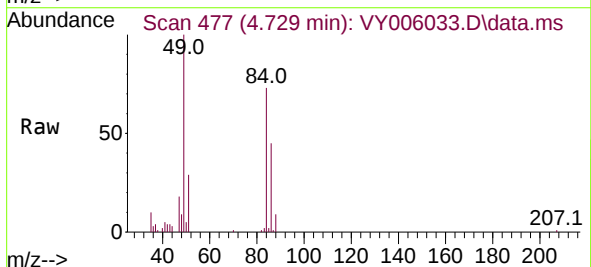
Instrument :
MSVOA_Y
ClientSampled :

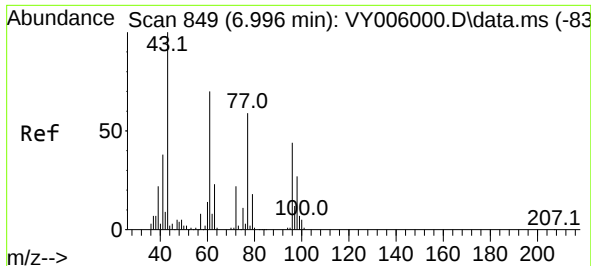
Tgt Ion: 43 Resp: 6246
Ion Ratio Lower Upper
43 100
58 26.7 22.0 33.0



#20
Methylene Chloride
Concen: 4.265 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

Tgt Ion: 84 Resp: 18135
Ion Ratio Lower Upper
84 100
49 136.9 114.4 171.6
51 40.2 35.3 52.9
86 62.1 53.7 80.5

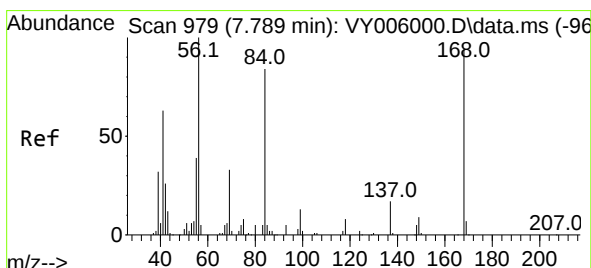
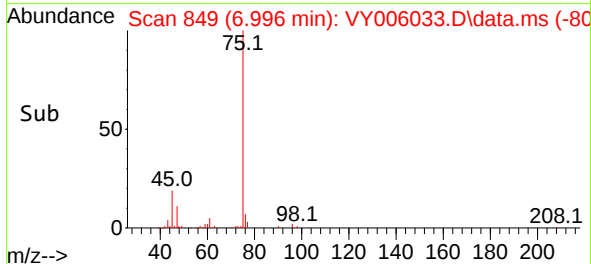
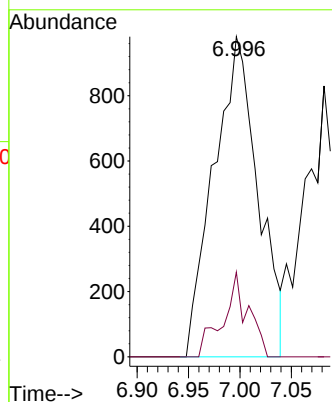
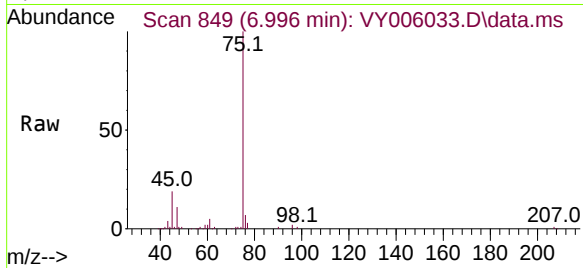




#25
2-Butanone
Concen: 3.121 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

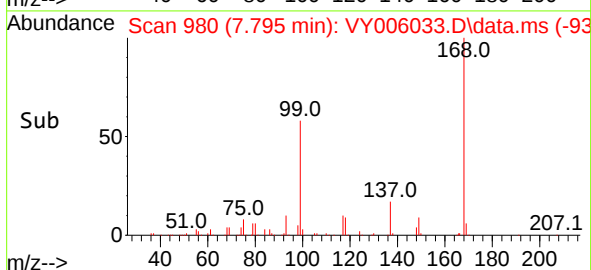
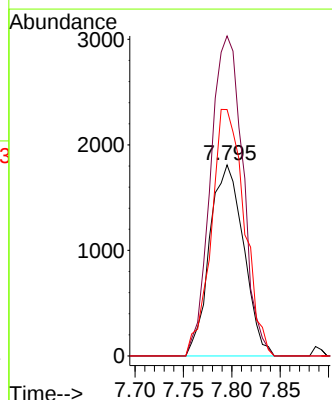
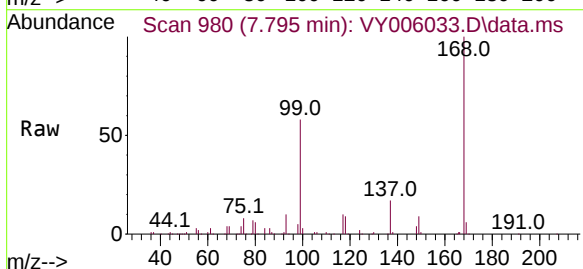
Instrument :
MSVOA_Y
ClientSampled :

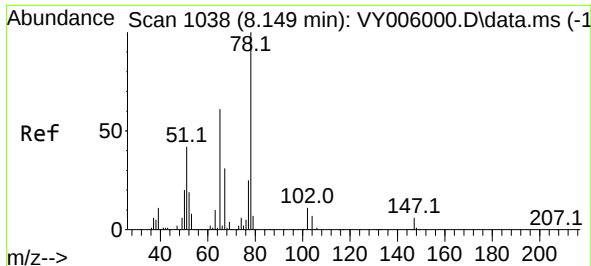
Tgt Ion: 43 Resp: 2936
Ion Ratio Lower Upper
43 100
72 26.5 17.7 26.5



#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

Tgt Ion: 56 Resp: 4417
Ion Ratio Lower Upper
56 100
69 167.5 26.7 40.1#
84 129.0 67.2 100.8#

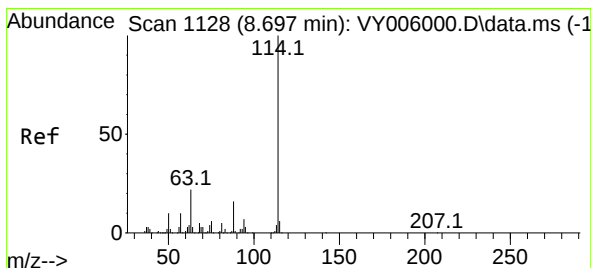
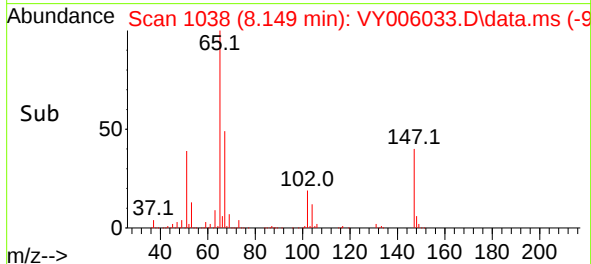
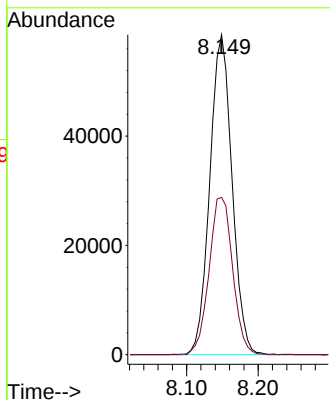
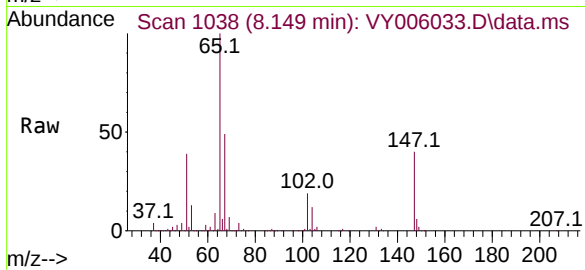




#33
 1,2-Dichloroethane-d4
 Concen: 50.872 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY006033.D
 Acq: 15 Sep 2021 18:45

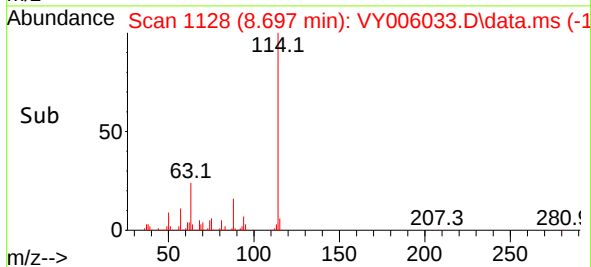
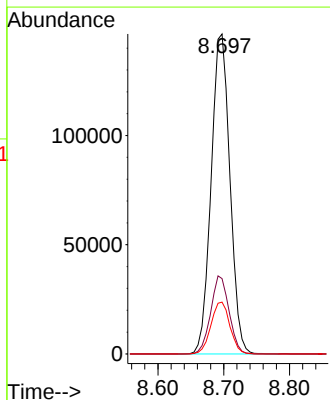
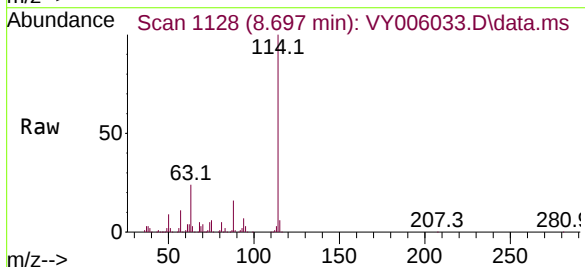
Instrument :
 MSVOA_Y
 ClientSampleId :

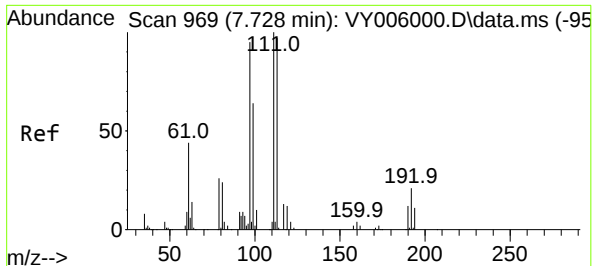
Tgt Ion: 65 Resp: 126579
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY006033.D
 Acq: 15 Sep 2021 18:45

Tgt Ion:114 Resp: 291328
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 43.2
 88 16.2 0.0 31.8

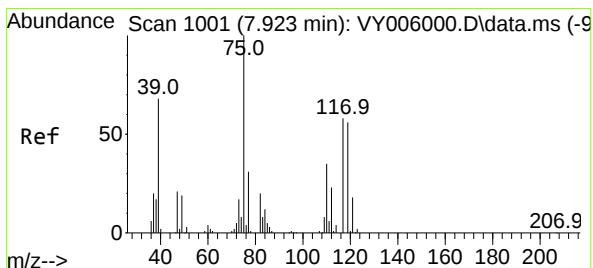
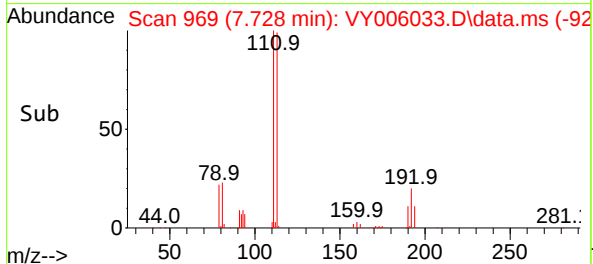
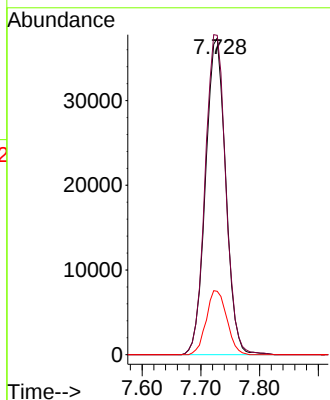
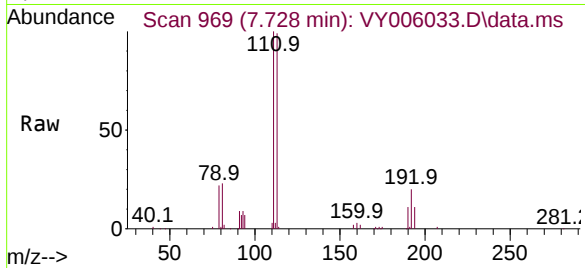




#35
Dibromofluoromethane
Concen: 49.344 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

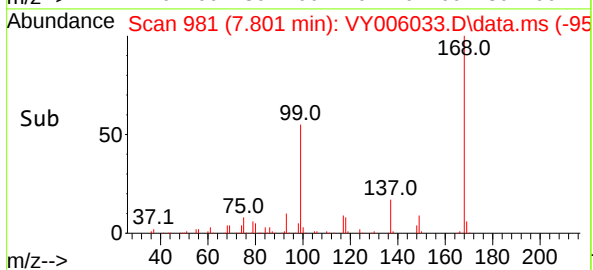
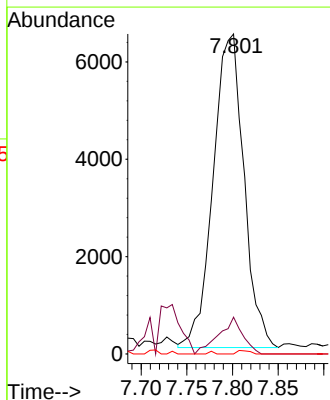
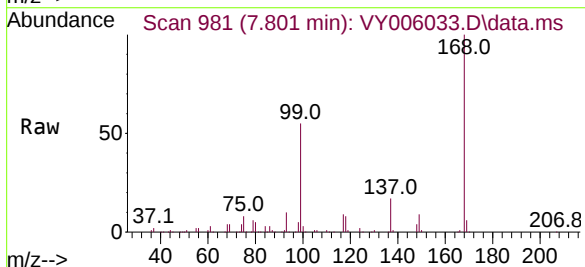
Instrument :
MSVOA_Y
ClientSampleId :

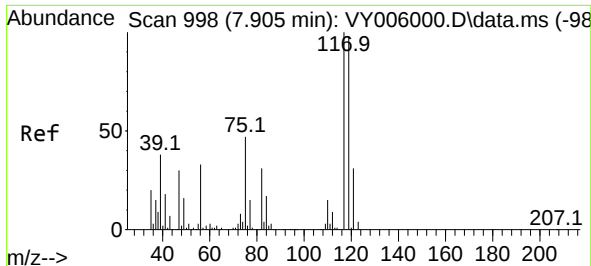
Tgt Ion:113 Resp: 89288
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 20.6 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.803 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

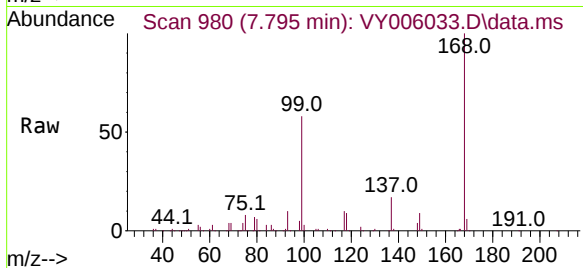
Tgt Ion: 75 Resp: 15104
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.5 24.4 36.6#



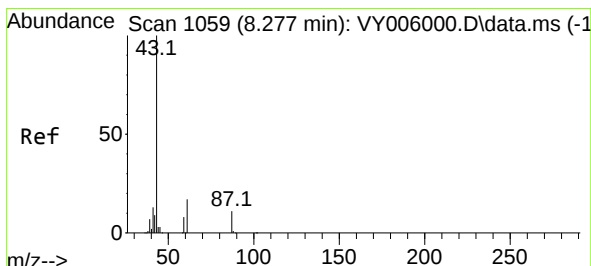
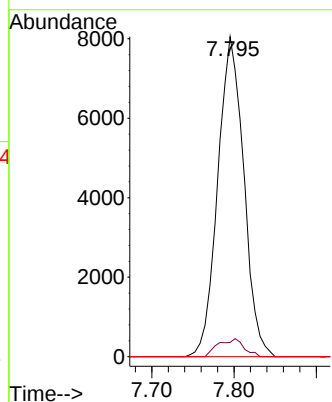
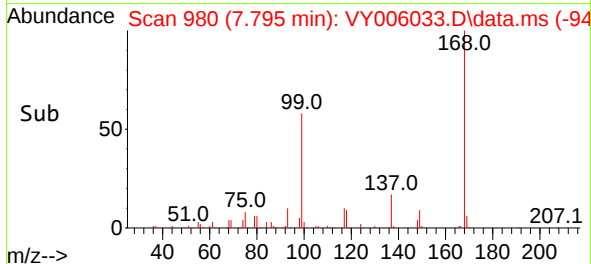


#38
Carbon Tetrachloride
Concen: 5.177 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

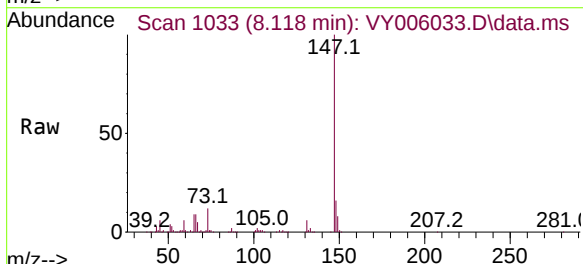
Instrument :
MSVOA_Y
ClientSampleId :



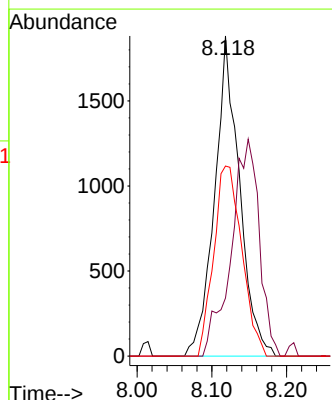
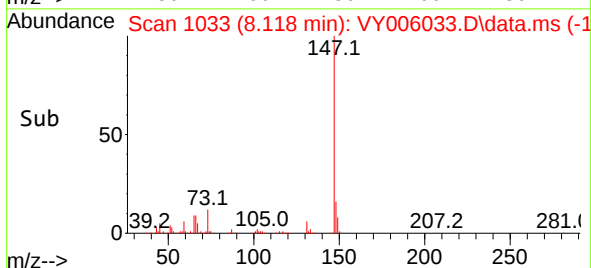
Tgt Ion: 117 Resp: 17722
Ion Ratio Lower Upper
117 100
119 4.5 77.9 116.9#
121 0.0 24.8 37.2#

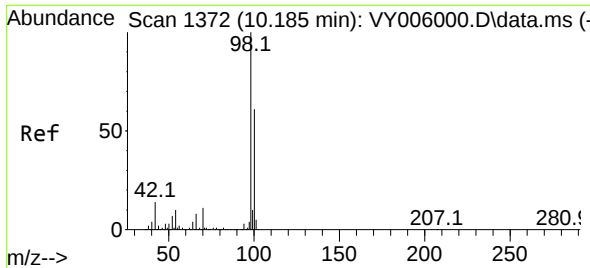


#43
Isopropyl Acetate
Concen: 1.075 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.158 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45



Tgt Ion: 43 Resp: 4348
Ion Ratio Lower Upper
43 100
61 0.0 20.2 30.2#
87 67.1 8.9 13.3#

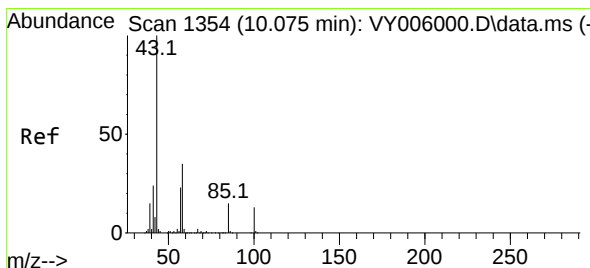
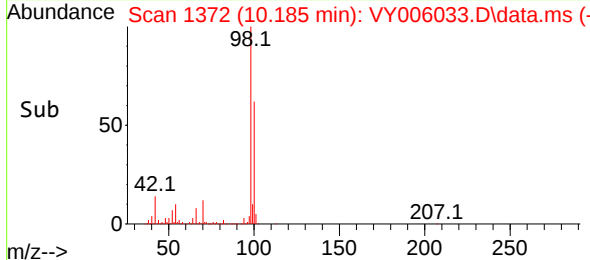
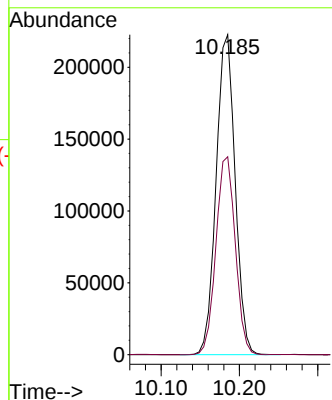
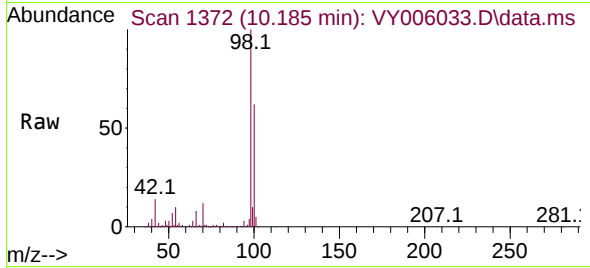




#50
Toluene-d8
Concen: 48.688 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

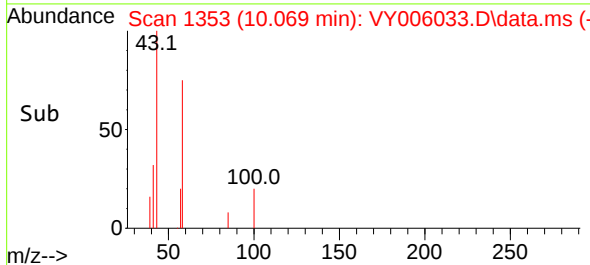
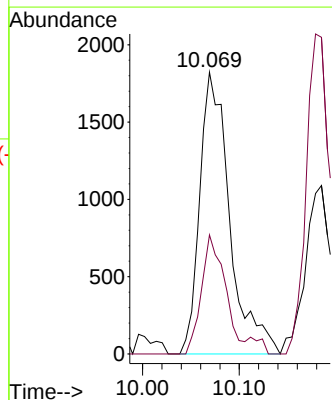
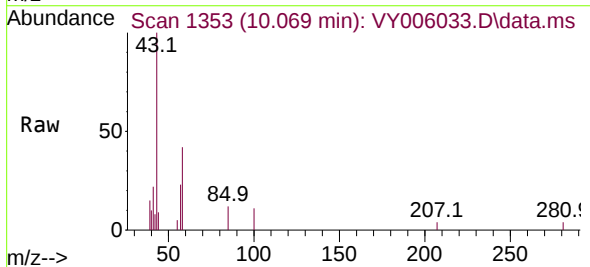
Instrument :
MSVOA_Y
ClientSampled :

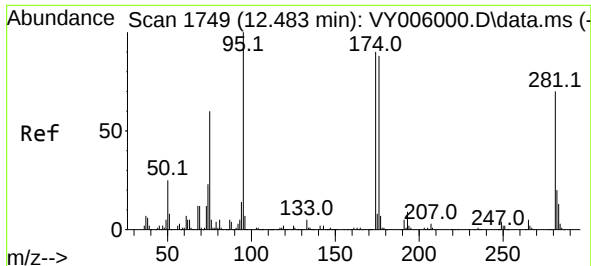
Tgt Ion: 98 Resp: 375491
Ion Ratio Lower Upper
98 100
100 63.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.821 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.006 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

Tgt Ion: 43 Resp: 3929
Ion Ratio Lower Upper
43 100
58 33.5 28.1 42.1

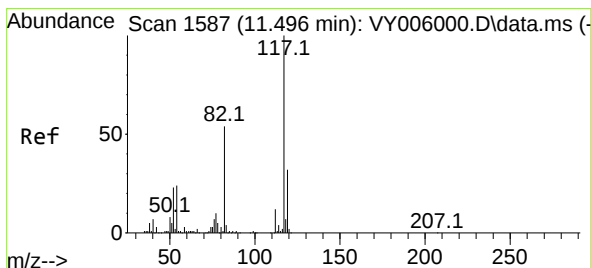
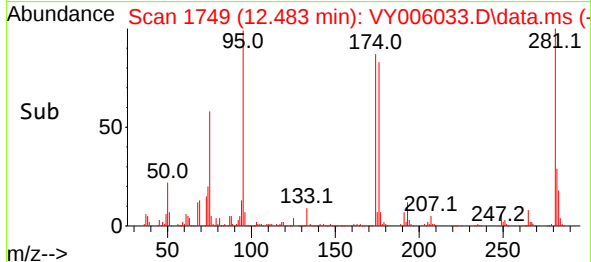
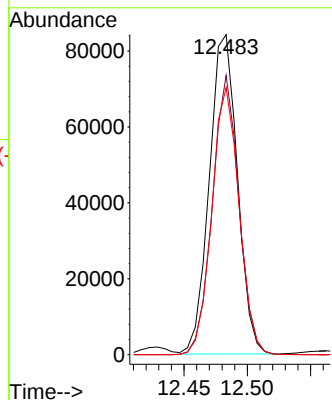
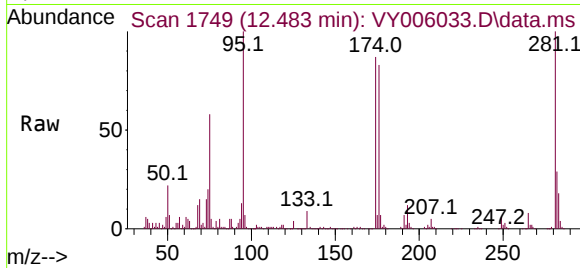




#62
4-Bromofluorobenzene
Concen: 49.699 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

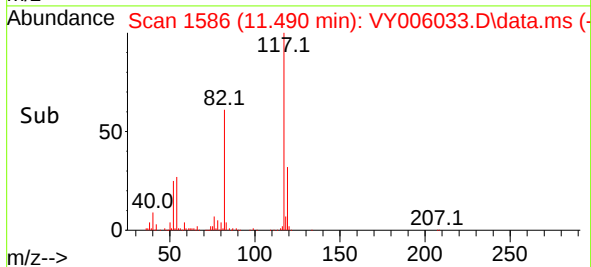
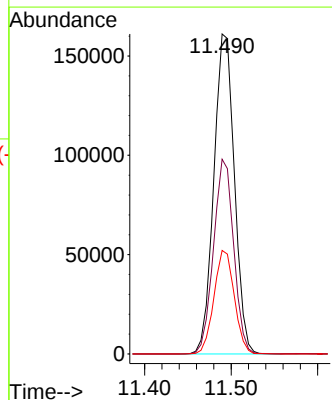
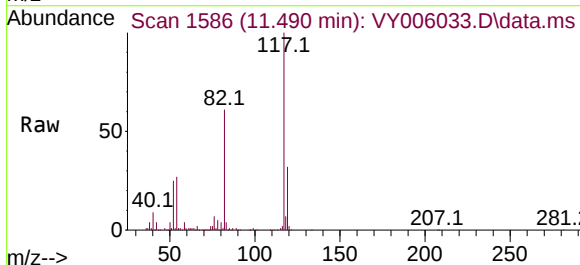
Instrument :
MSVOA_Y
ClientSampleId :

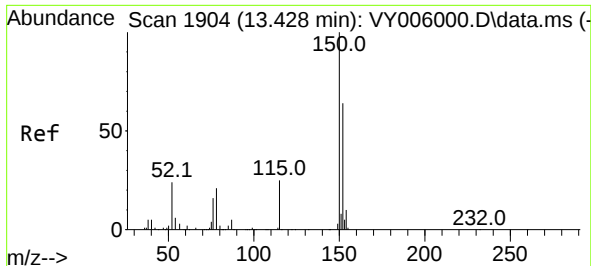
Tgt Ion: 95 Resp: 130132
Ion Ratio Lower Upper
95 100
174 82.3 0.0 177.0
176 81.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

Tgt Ion:117 Resp: 266095
Ion Ratio Lower Upper
117 100
82 60.8 43.0 64.4
119 32.4 25.4 38.0

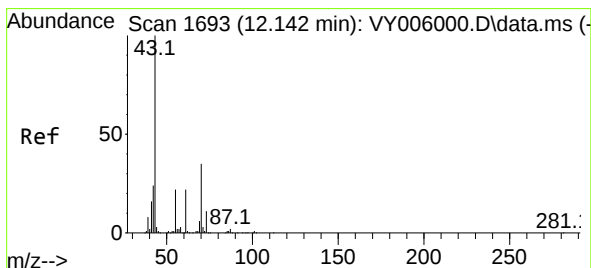
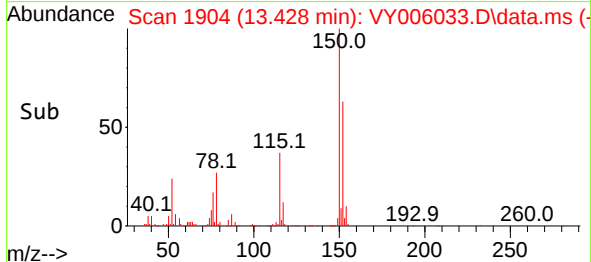
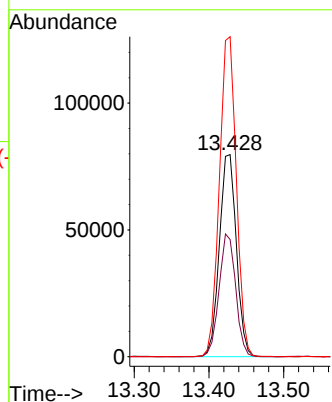
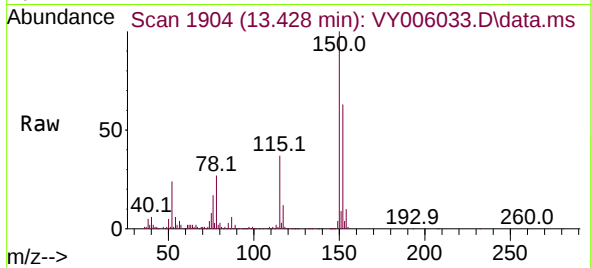




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

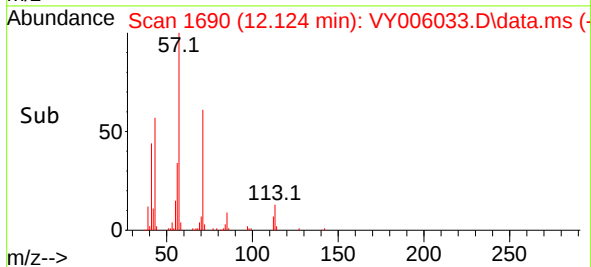
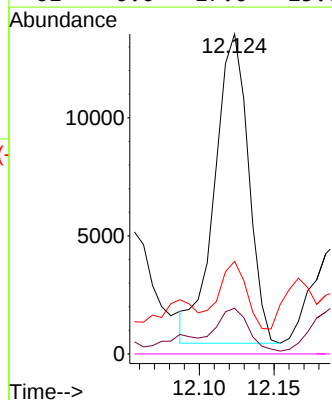
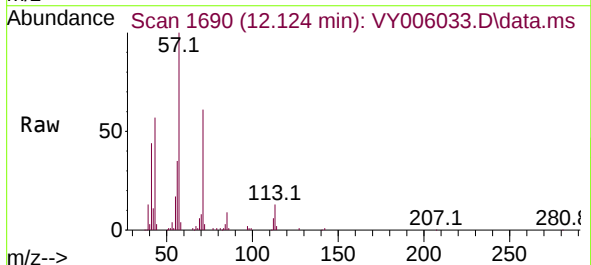
Instrument :
MSVOA_Y
ClientSampleId :

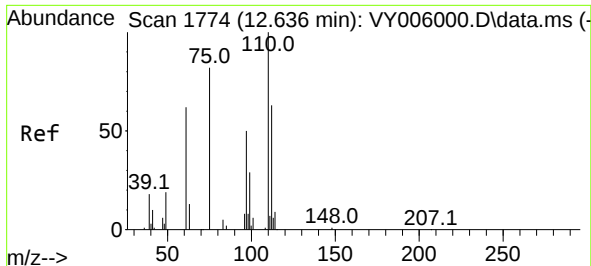
Tgt Ion:152 Resp: 126306
Ion Ratio Lower Upper
152 100
115 59.3 28.2 84.7
150 157.5 0.0 347.6



#74
N-ethyl acetate
Concen: 6.031 ug/l
RT: 12.124 min Scan# 1690
Delta R.T. -0.018 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

Tgt Ion: 43 Resp: 20598
Ion Ratio Lower Upper
43 100
70 18.4 28.7 43.1#
55 17.8 17.3 25.9
61 0.0 17.0 25.6#

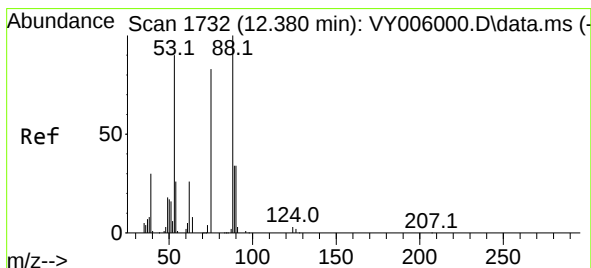
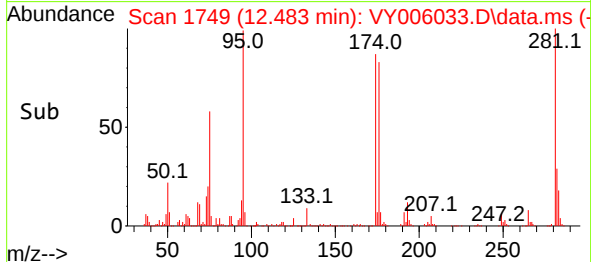
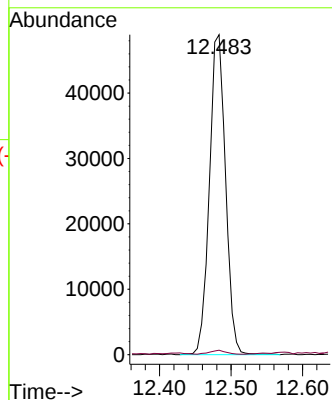
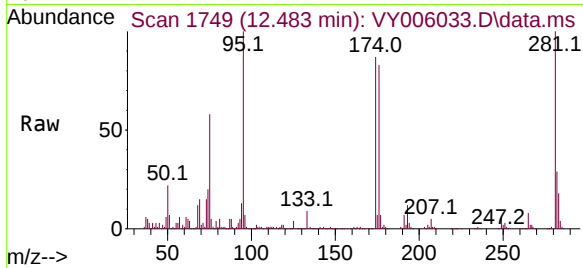




#76
1,2,3-Trichloropropane
Concen: 57.046 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

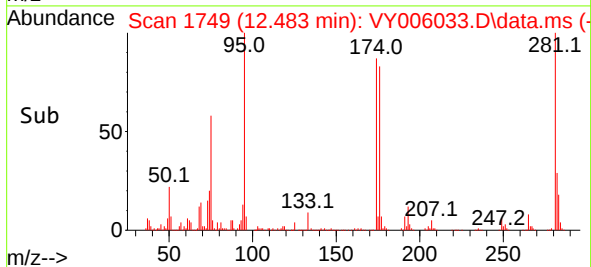
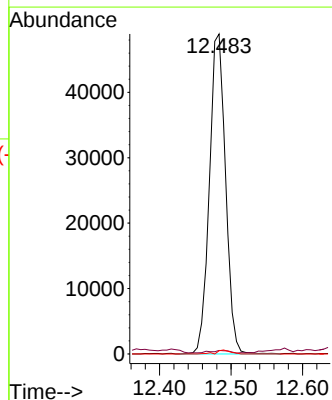
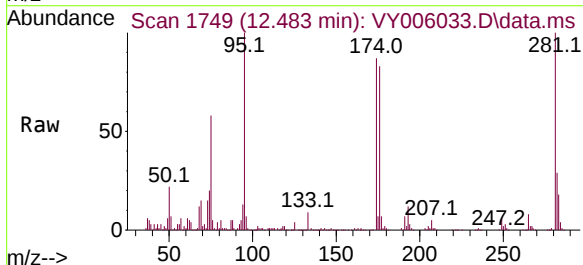
Instrument :
MSVOA_Y
ClientSampled :

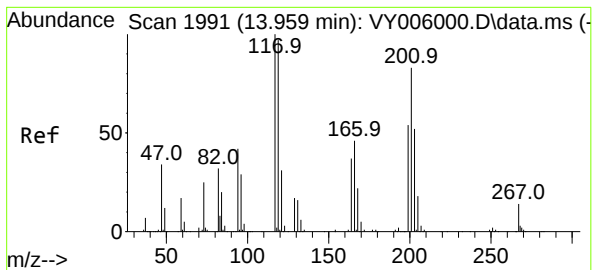
Tgt Ion: 75 Resp: 76822
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.880 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

Tgt Ion: 75 Resp: 76822
Ion Ratio Lower Upper
75 100
53 0.8 85.3 127.9#
89 1.0 37.0 55.4#





#90
Hexachloroethane
Concen: 1.005 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.012 min
Lab File: VY006033.D
Acq: 15 Sep 2021 18:45

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:117 Resp: 1622
Ion Ratio Lower Upper
117 100
201 0.0 43.0 128.8#

