

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005076.D
 Acq On : 10 Jun 2021 14:56
 Operator : SY/MD
 Sample : M2673-03
 Misc : 5.43G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:05:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

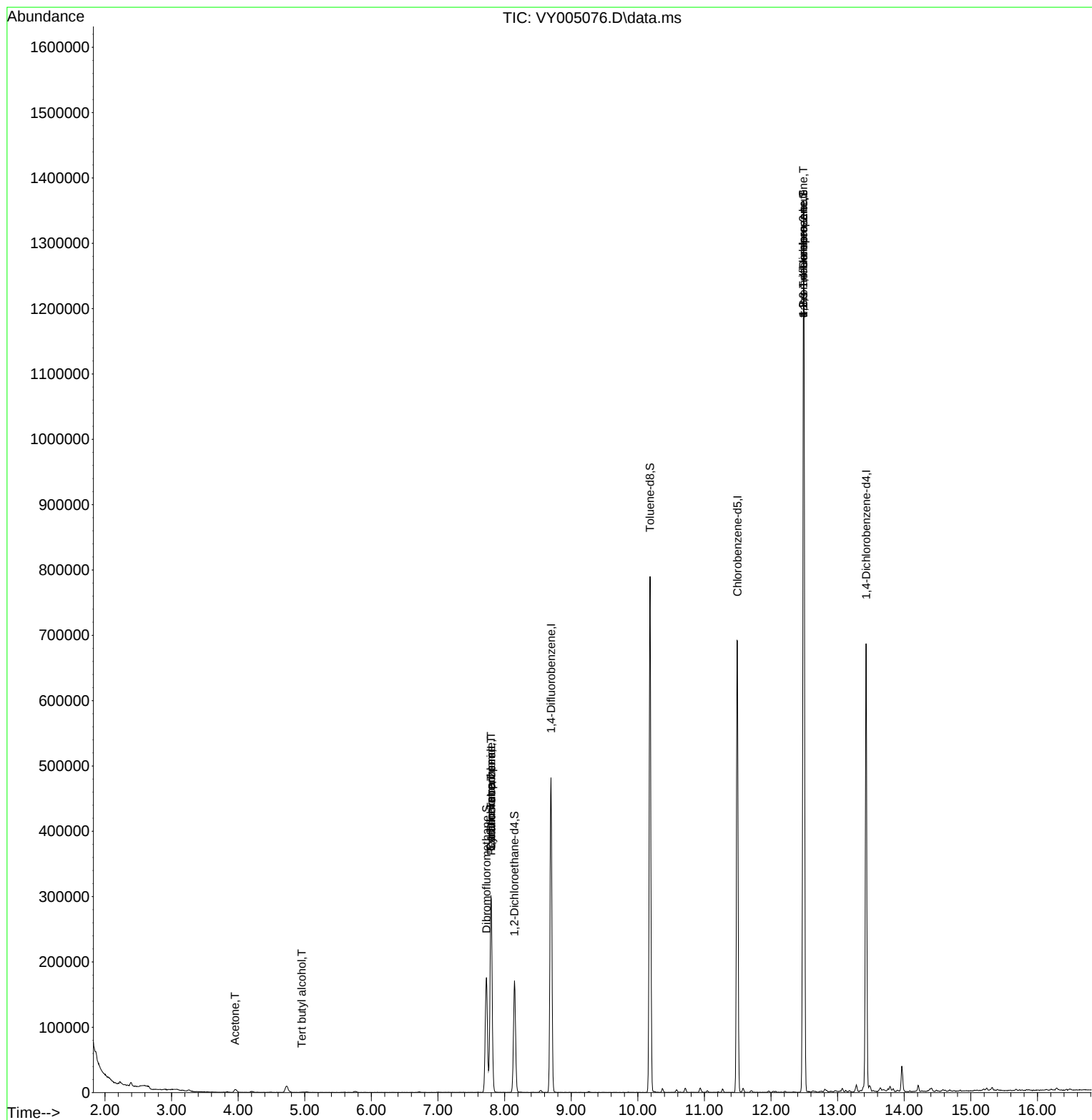
Internal Standards						
1) Pentafluorobenzene	7.801	168	231848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	414346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	383624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	170234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	129880	52.990	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.980%			
35) Dibromofluoromethane	7.728	113	127032	56.985	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.960%			
50) Toluene-d8	10.185	98	509263	55.006	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.020%			
62) 4-Bromofluorobenzene	12.483	95	171609	53.896	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.800%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	692	2.455	ug/l #	74
16) Acetone	3.954	43	7853	13.310	ug/l	96
20) Methylene Chloride	4.735	84	7576	Below Cal		82
31) Cyclohexane	7.795	56	4571	1.059	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	18144	4.474	ug/l #	49
38) Carbon Tetrachloride	7.795	117	23369	6.622	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	94842	50.824	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	94842	93.403	ug/l #	17

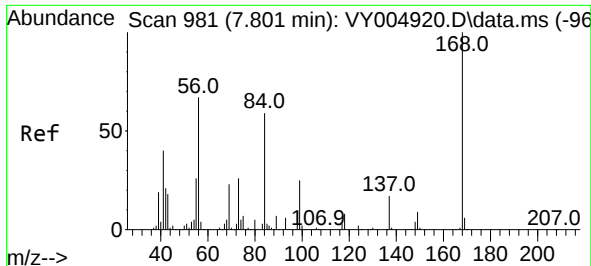
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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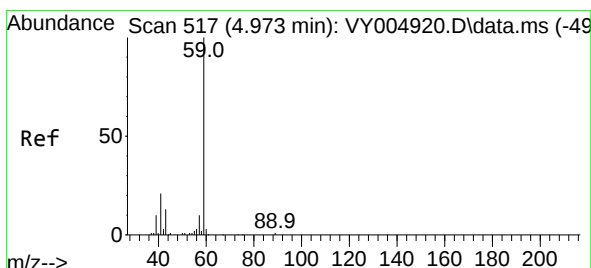
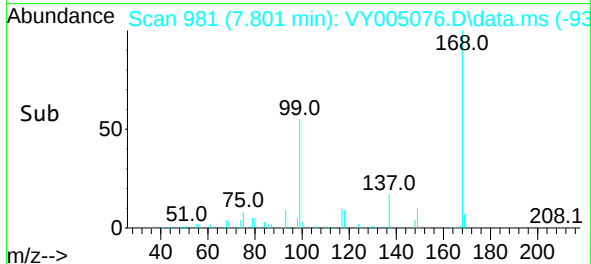
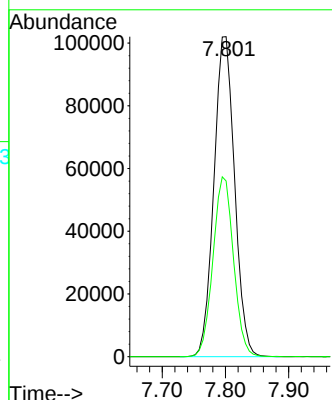
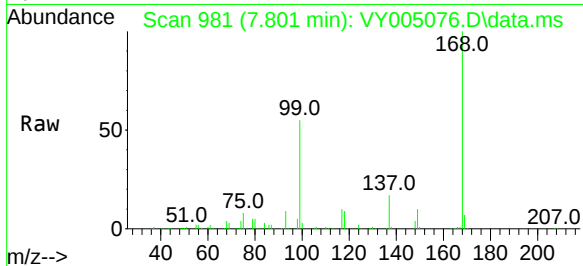




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

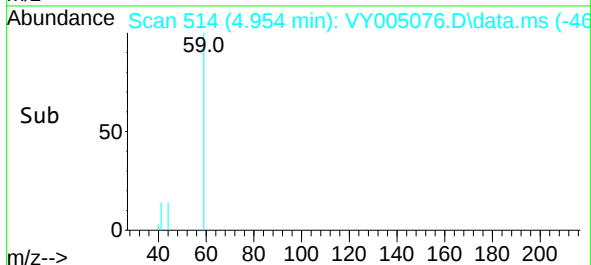
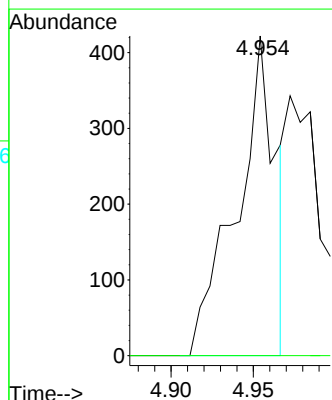
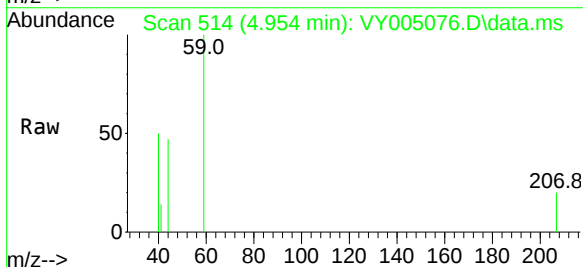
Instrument :
MSVOA_Y
ClientSampled :

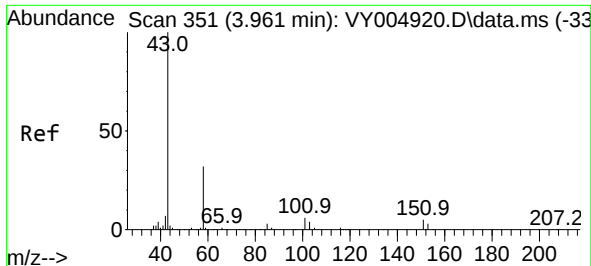
Tgt Ion:168 Resp: 231848
Ion Ratio Lower Upper
168 100
99 54.9 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.455 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

Tgt Ion: 59 Resp: 692
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

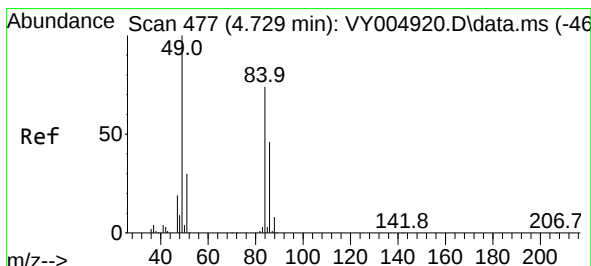
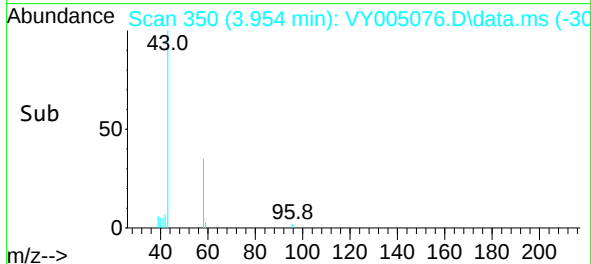
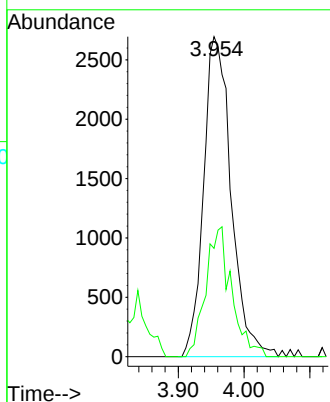
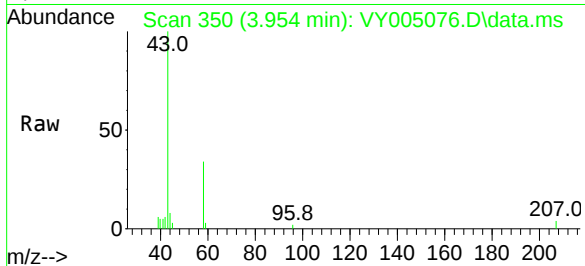




#16
Acetone
Concen: 13.310 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

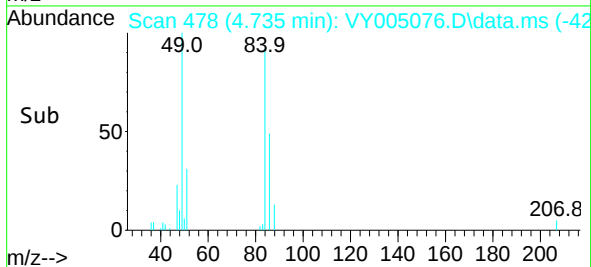
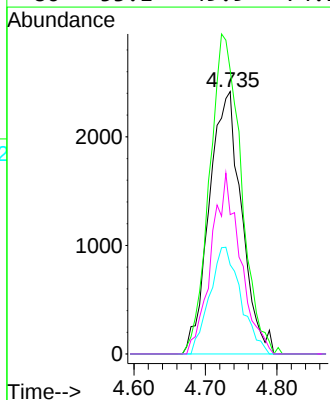
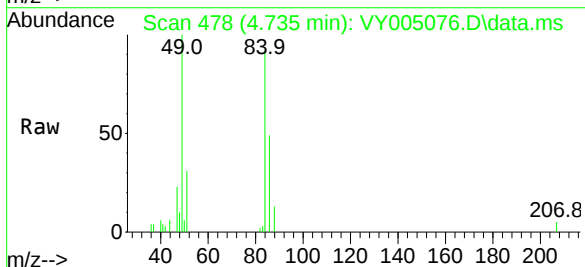
Instrument :
MSVOA_Y
ClientSampled :

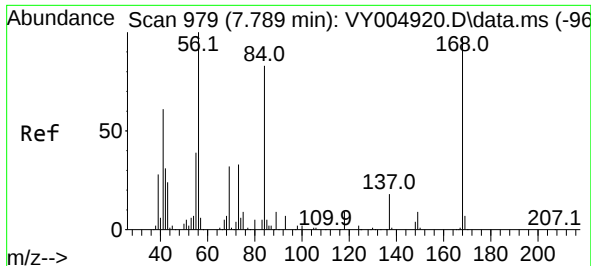
Tgt Ion: 43 Resp: 7853
Ion Ratio Lower Upper
43 100
58 33.8 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

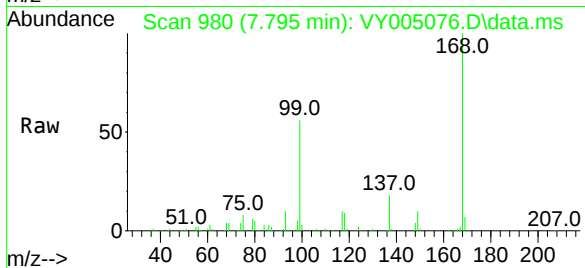
Tgt Ion: 84 Resp: 7576
Ion Ratio Lower Upper
84 100
49 108.2 108.0 162.0
51 34.0 32.6 48.8
86 53.1 49.9 74.9



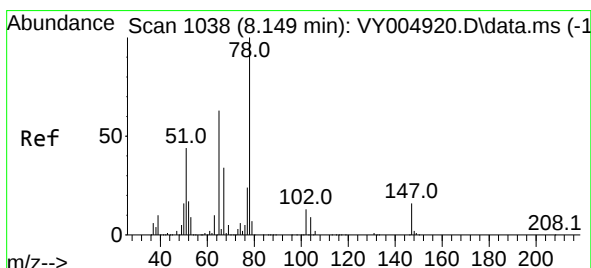
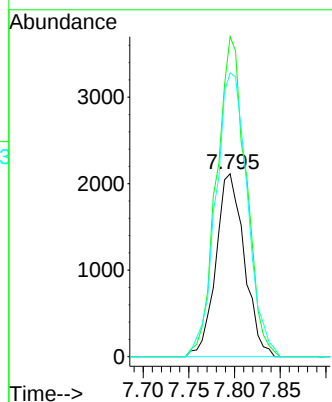
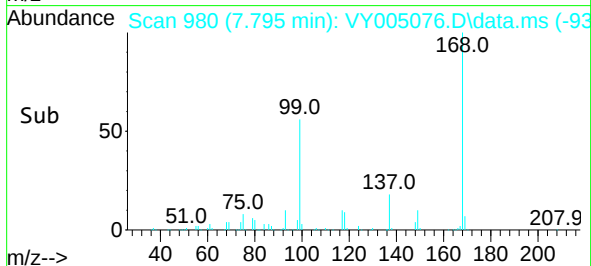


#31
Cyclohexane
Concen: 1.059 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

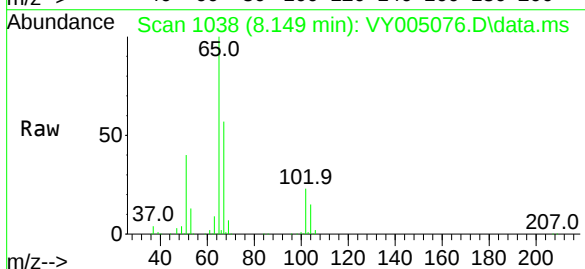
Instrument :
MSVOA_Y
ClientSampled :



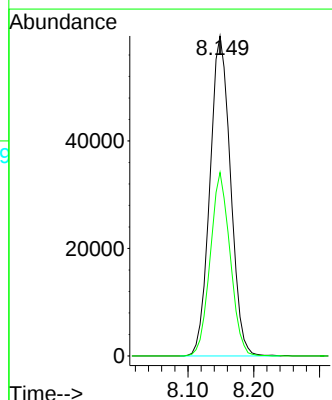
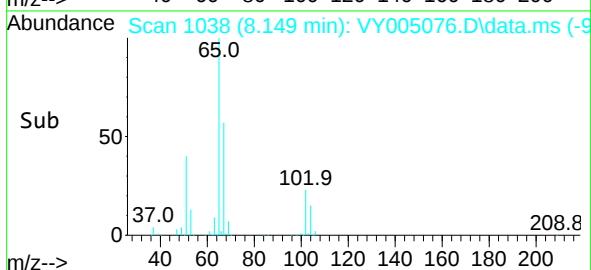
Tgt Ion: 56 Resp: 4571
Ion Ratio Lower Upper
56 100
69 175.0 25.3 37.9#
84 155.3 66.2 99.4#

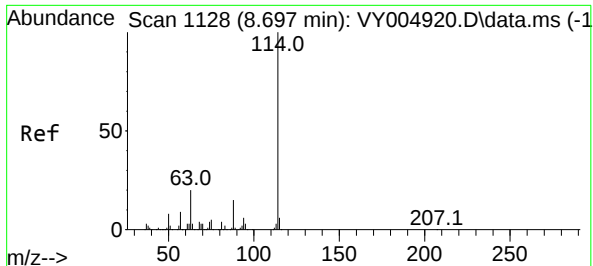


#33
1,2-Dichloroethane-d4
Concen: 52.990 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56



Tgt Ion: 65 Resp: 129880
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.6

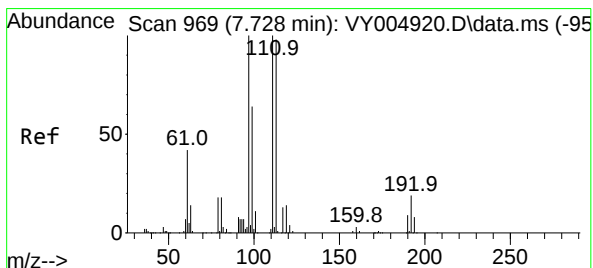
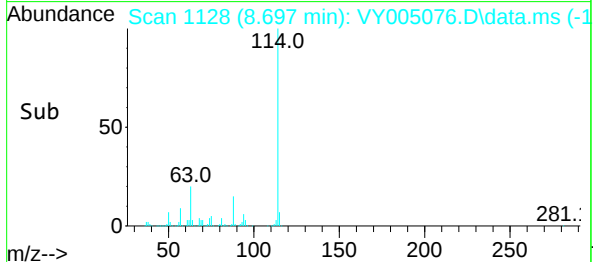
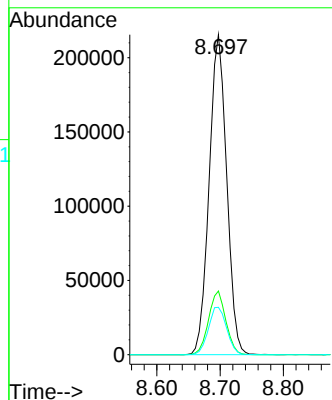
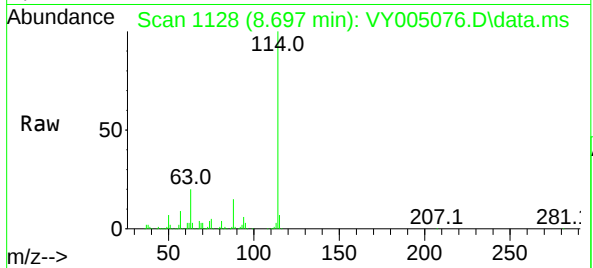




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

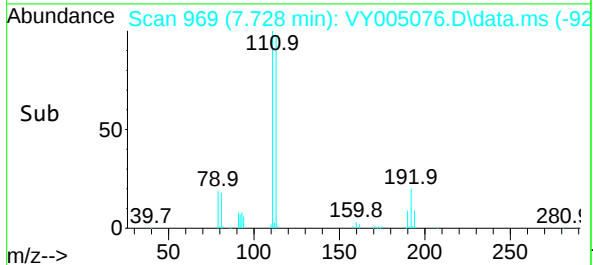
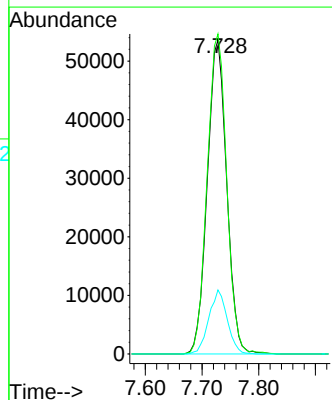
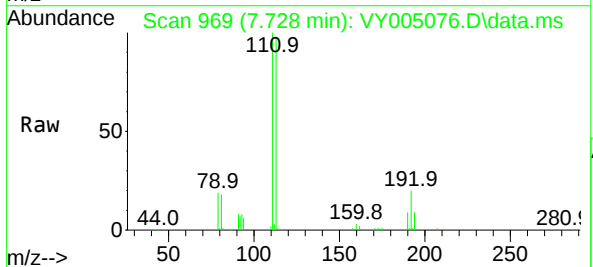
Instrument :
MSVOA_Y
ClientSampleId :

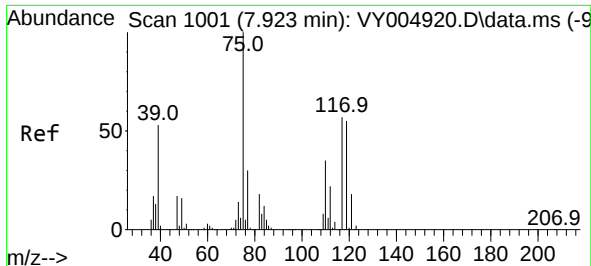
Tgt Ion:114 Resp: 414346
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.0
88 14.8 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.985 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

Tgt Ion:113 Resp: 127032
Ion Ratio Lower Upper
113 100
111 102.5 81.8 122.8
192 19.4 15.3 22.9

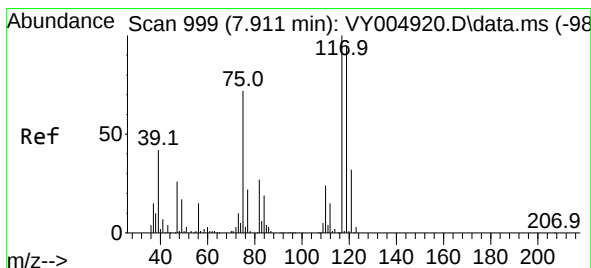
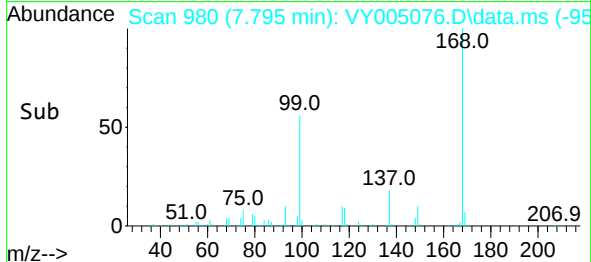
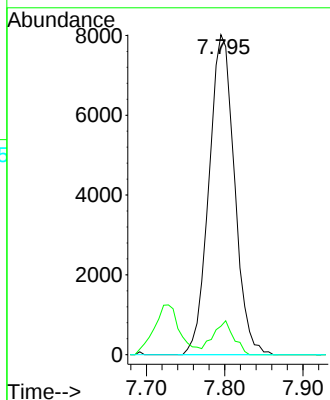
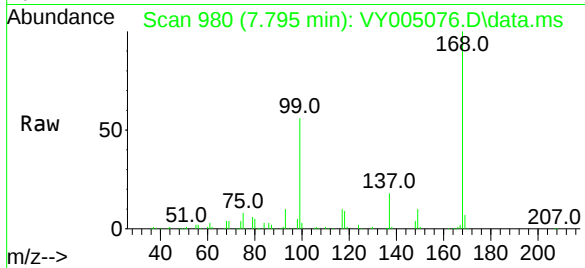




#36
1,1-Dichloropropene
Concen: 4.474 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

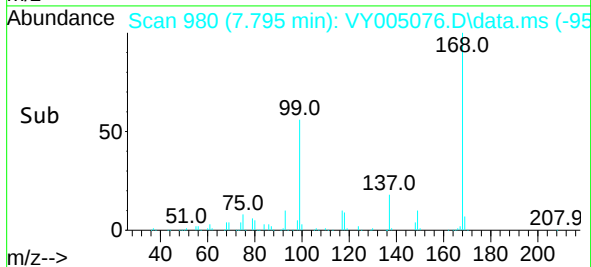
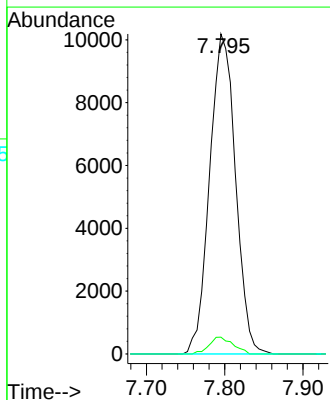
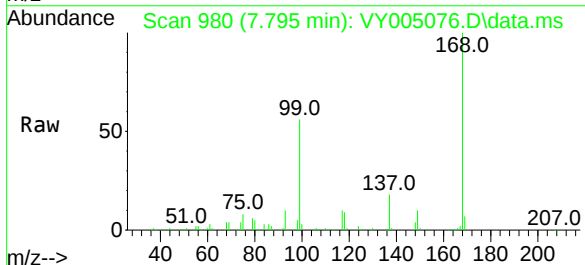
Instrument :
MSVOA_Y
ClientSampleId :

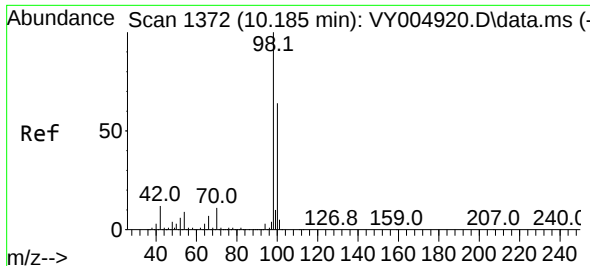
Tgt Ion:	75	Resp:	18144
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.5	52.5#
77	0.0	25.1	37.7#



#38
Carbon Tetrachloride
Concen: 6.622 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

Tgt Ion:	117	Resp:	23369
Ion	Ratio	Lower	Upper
117	100		
119	5.3	76.1	114.1#
121	0.0	25.5	38.3#

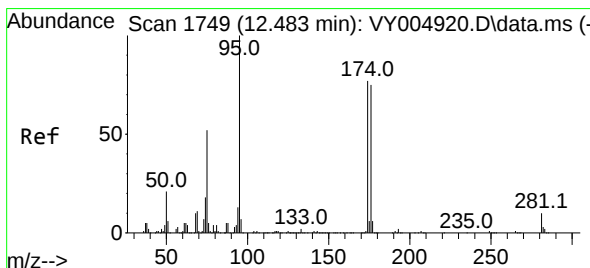
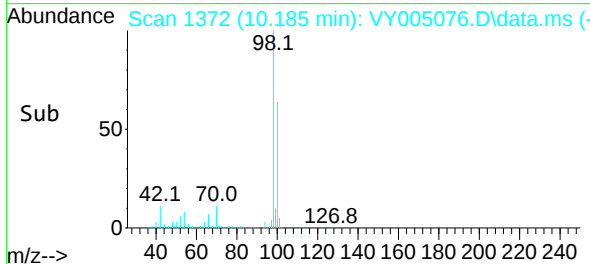
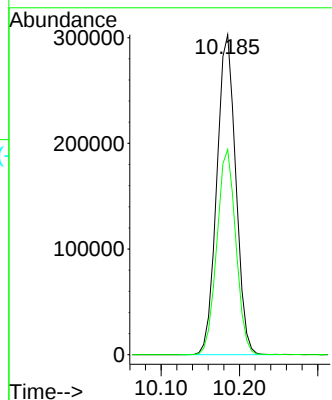
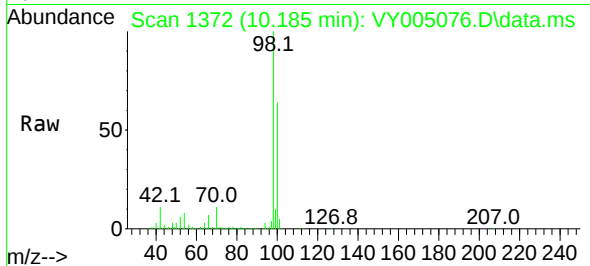




#50
Toluene-d8
Concen: 55.006 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

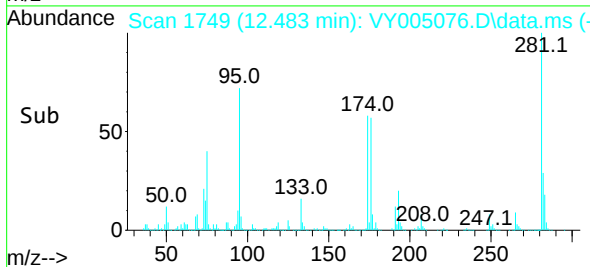
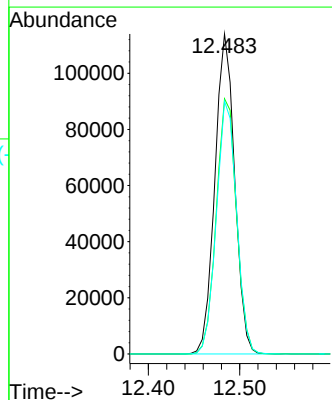
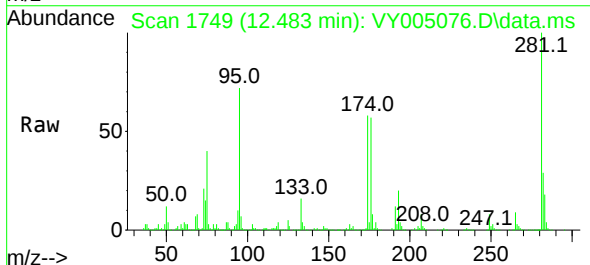
Instrument :
MSVOA_Y
ClientSampled :

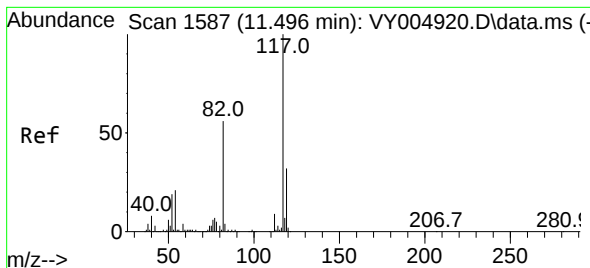
Tgt Ion: 98 Resp: 509263
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.896 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

Tgt Ion: 95 Resp: 171609
Ion Ratio Lower Upper
95 100
174 81.7 0.0 160.8
176 80.7 0.0 155.6

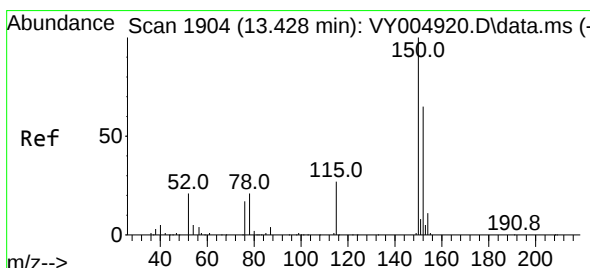
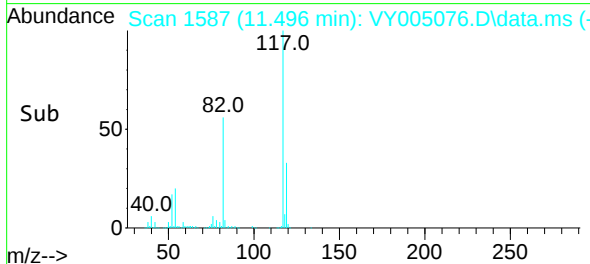
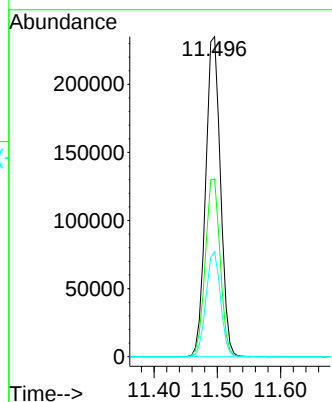
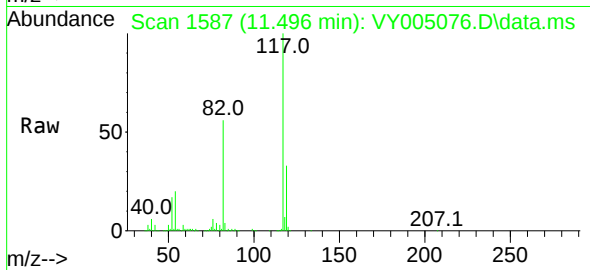




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

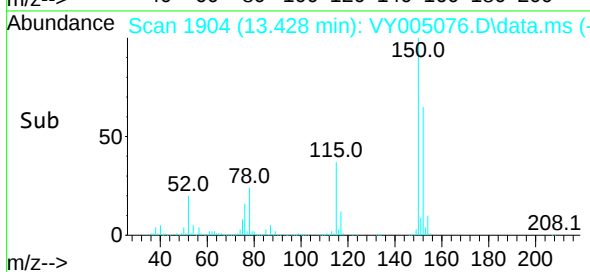
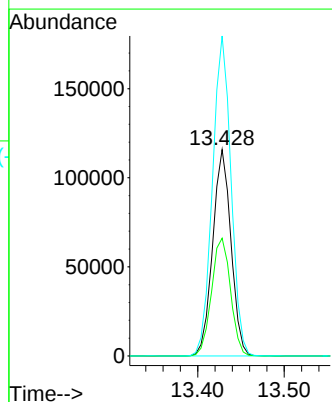
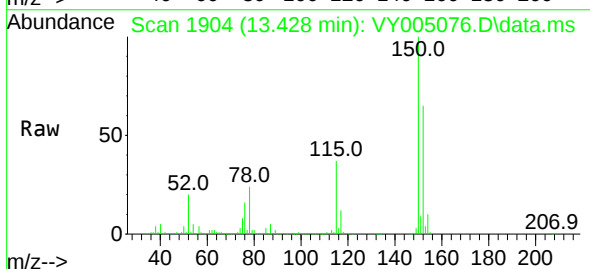
Instrument :
MSVOA_Y
ClientSampleId :

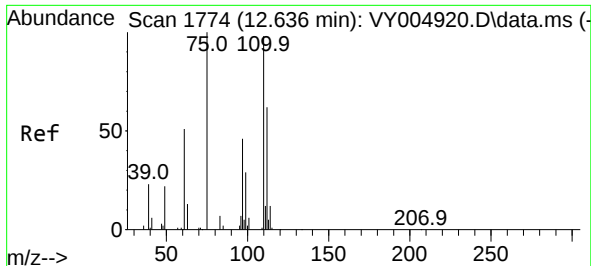
Tgt Ion:117 Resp: 383624
Ion Ratio Lower Upper
117 100
82 55.5 44.8 67.2
119 32.8 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

Tgt Ion:152 Resp: 170234
Ion Ratio Lower Upper
152 100
115 59.1 29.9 89.7
150 156.9 0.0 347.8

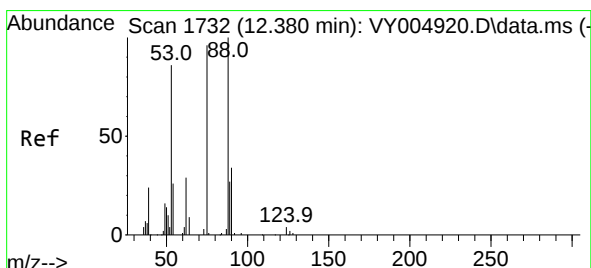
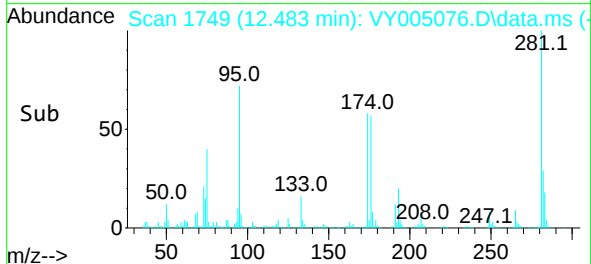
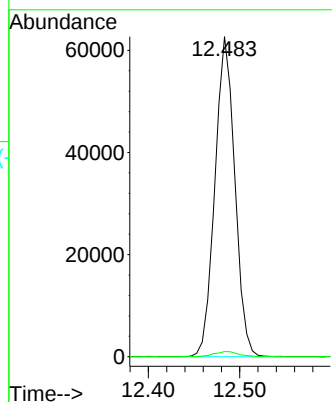
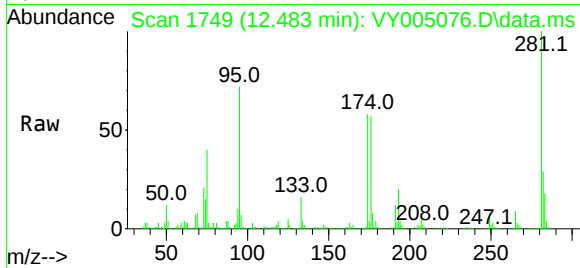




#76
1,2,3-Trichloropropane
Concen: 50.824 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 94842
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.403 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005076.D
Acq: 10 Jun 2021 14:56

Tgt Ion: 75 Resp: 94842
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 3.5 35.0 52.6#

