

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005069.D
 Acq On : 10 Jun 2021 10:46
 Operator : SY/MD
 Sample : VY0610SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:03:02 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)

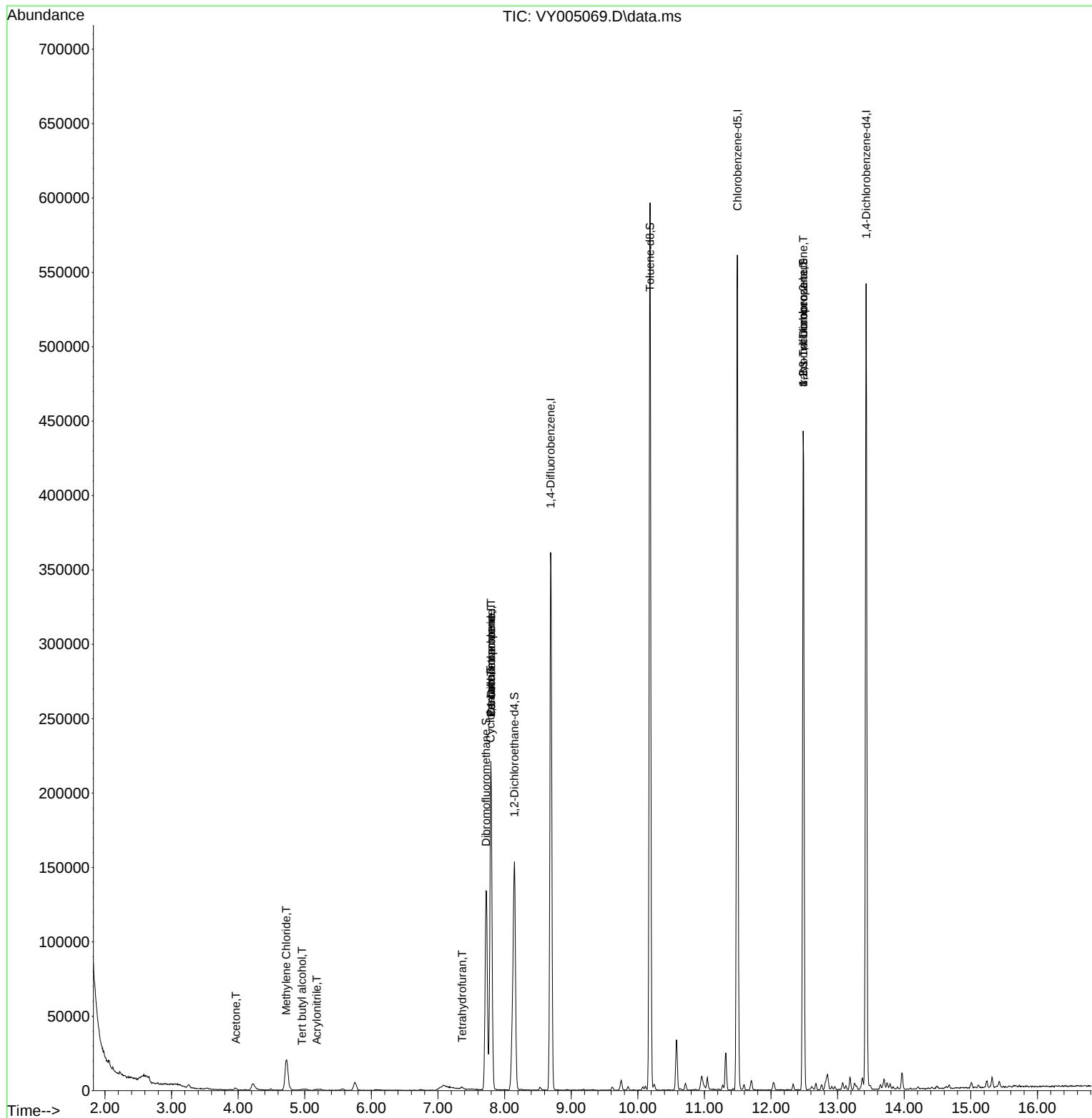
Internal Standards						
1) Pentafluorobenzene	7.795	168	164609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	307081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	301023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	107903	62.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.020%	
35) Dibromofluoromethane	7.722	113	95907	58.050	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.100%	
50) Toluene-d8	10.185	98	383583	55.903	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.800%	
62) 4-Bromofluorobenzene	12.483	95	126637	53.664	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.320%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	957	4.782	ug/l #	74
13) Acrolein	3.729	56	146	Below Cal	#	78
15) Acrylonitrile	5.180	53	767	1.513	ug/l #	76
16) Acetone	3.966	43	2067	4.934	ug/l	90
20) Methylene Chloride	4.722	84	15986	2.269	ug/l	90
29) Tetrahydrofuran	7.362	42	866	1.933	ug/l #	90
31) Cyclohexane	7.789	56	4052	1.323	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13622	4.533	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16907	6.464	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	65998	44.908	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	65998	82.531	ug/l #	15

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

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Sample : VY0610SBL01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jun 11 05:03:02 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

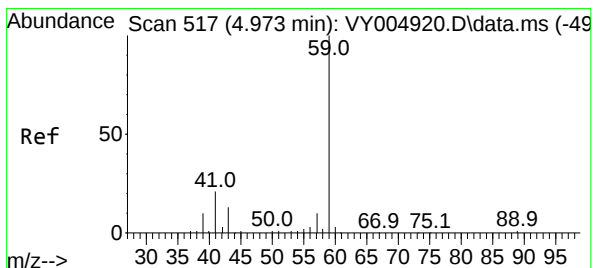
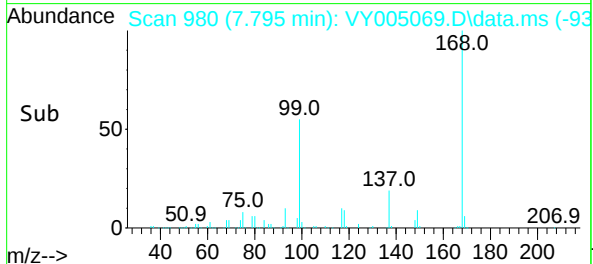
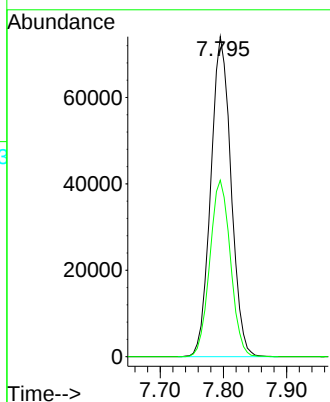
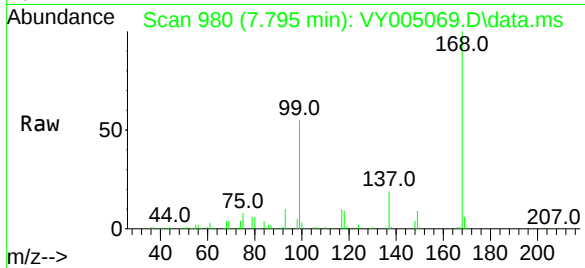




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46

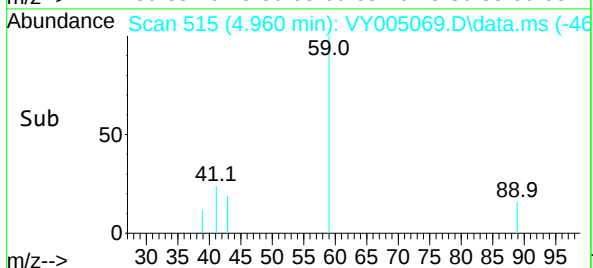
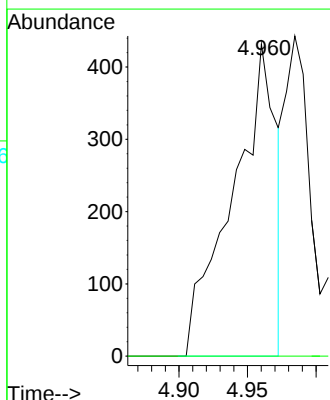
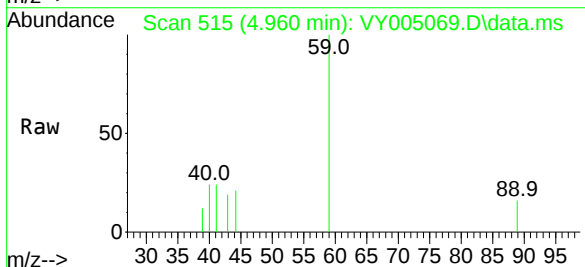
Instrument :
MSVOA_Y
ClientSampled :

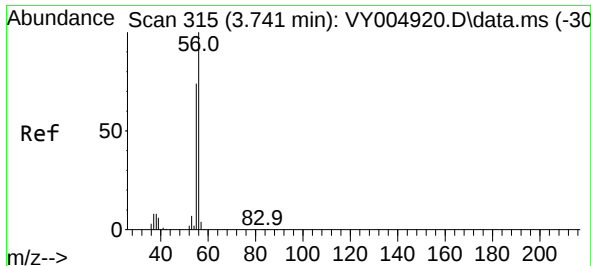
Tgt Ion:168 Resp: 164609
Ion Ratio Lower Upper
168 100
99 55.2 43.9 65.9



#11
Tert butyl alcohol
Concen: 4.782 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46

Tgt Ion: 59 Resp: 957
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

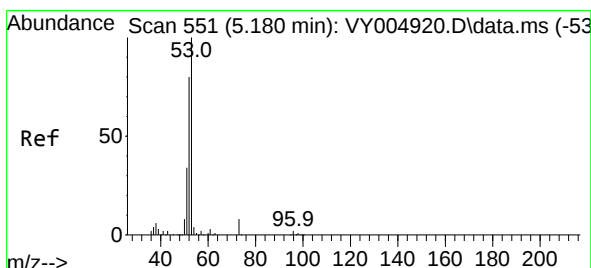
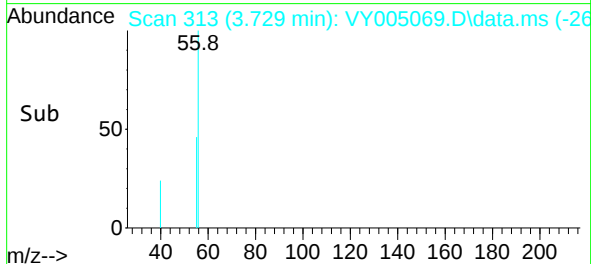
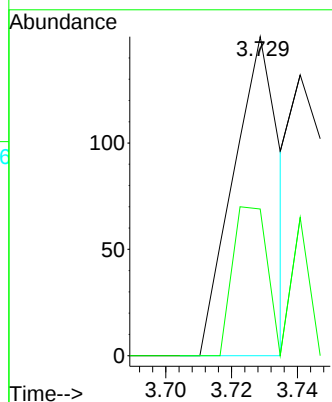
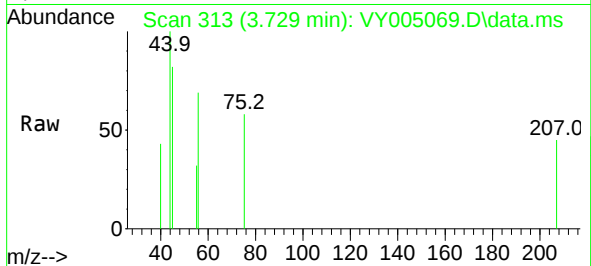




#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.012 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46

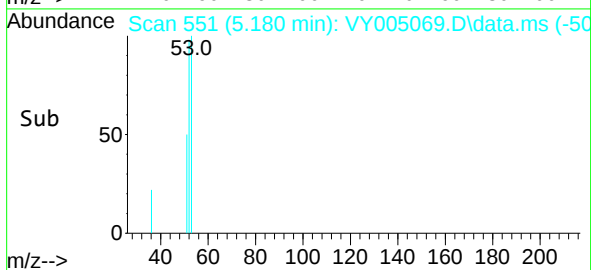
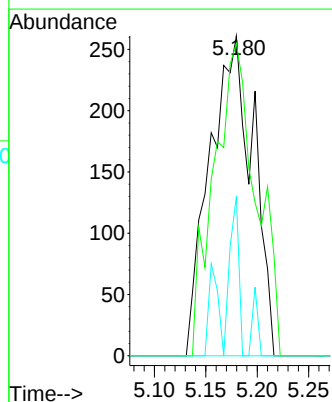
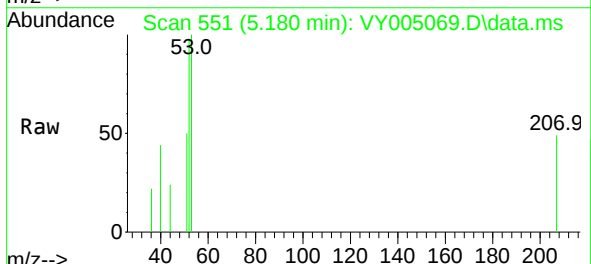
Instrument :
MSVOA_Y
ClientSampled :

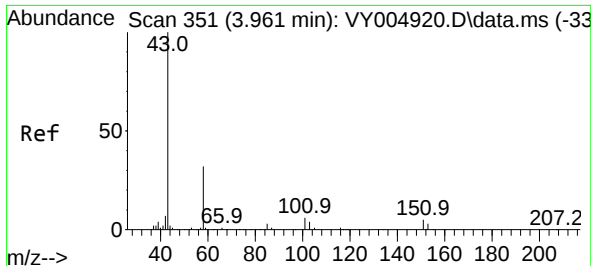
Tgt Ion: 56 Resp: 146
Ion Ratio Lower Upper
56 100
55 51.4 55.4 83.2#



#15
Acrylonitrile
Concen: 1.513 ug/l
RT: 5.180 min Scan# 551
Delta R.T. -0.000 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46

Tgt Ion: 53 Resp: 767
Ion Ratio Lower Upper
53 100
52 94.7 64.5 96.7
51 10.4 28.6 42.8#

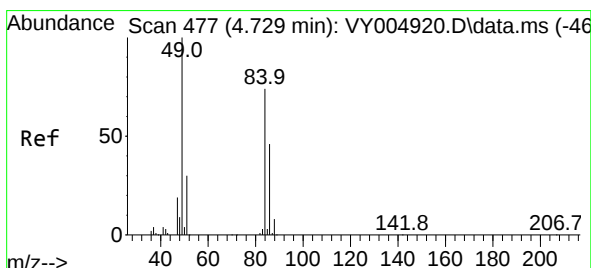
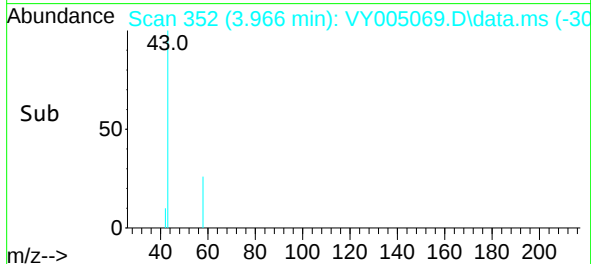
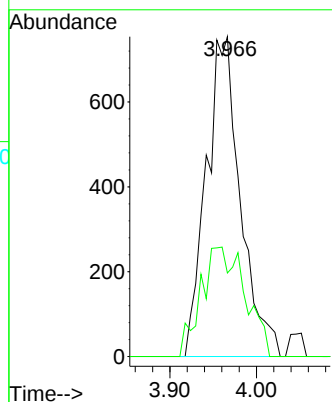
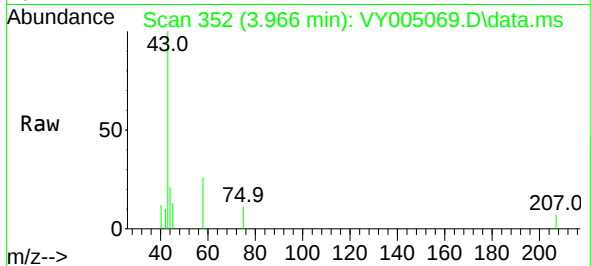




#16
Acetone
Concen: 4.934 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46

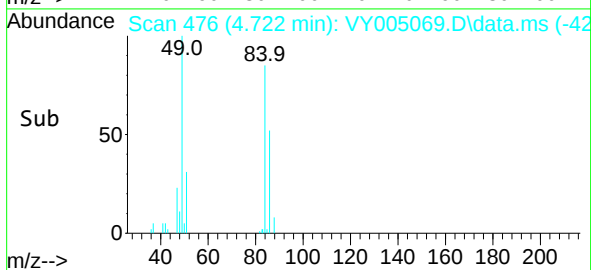
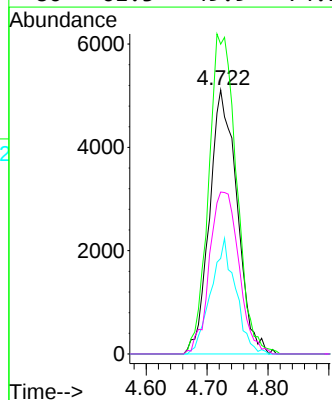
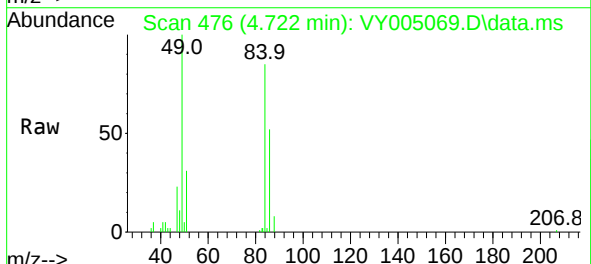
Instrument :
MSVOA_Y
ClientSampled :

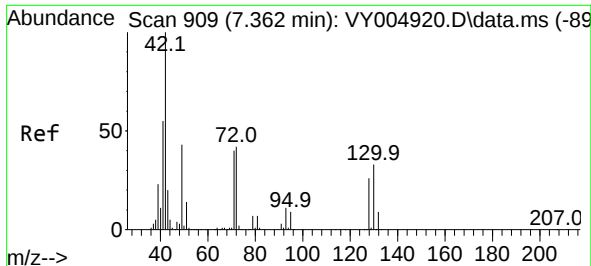
Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
58 26.1 25.3 37.9



#20
Methylene Chloride
Concen: 2.269 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46

Tgt Ion: 84 Resp: 15986
Ion Ratio Lower Upper
84 100
49 117.3 108.0 162.0
51 36.2 32.6 48.8
86 61.3 49.9 74.9





#29

Tetrahydrofuran

Concen: 1.933 ug/l

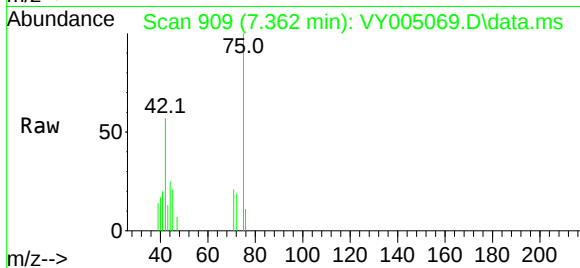
RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

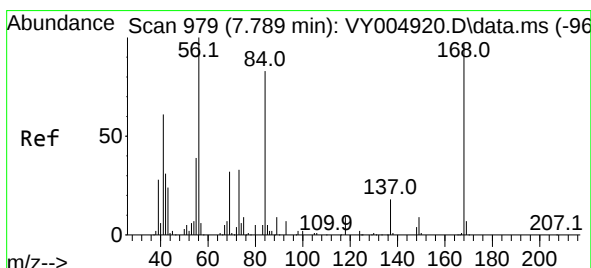
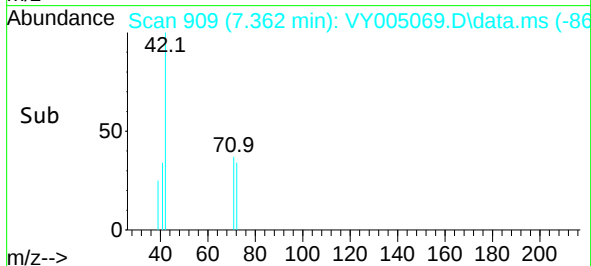
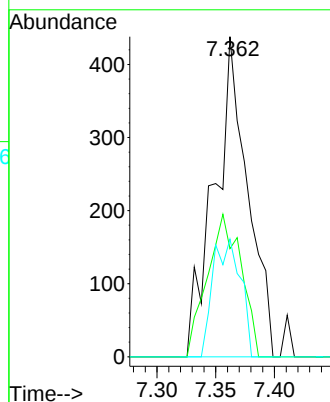
Lab File: VY005069.D

Acq: 10 Jun 2021 10:46

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	42	Resp:	866
Ion Ratio	Lower	Upper	
42	100		
72	45.2	32.6	49.0
71	30.3	30.9	46.3#



#31

Cyclohexane

Concen: 1.323 ug/l

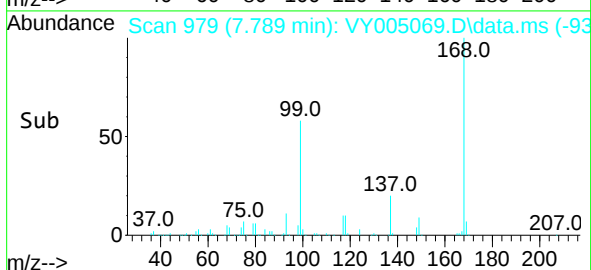
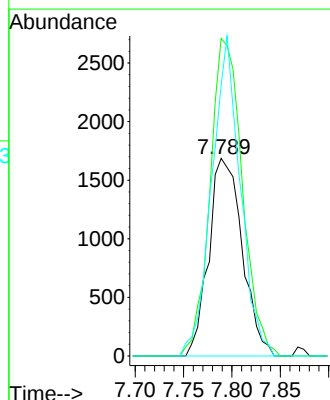
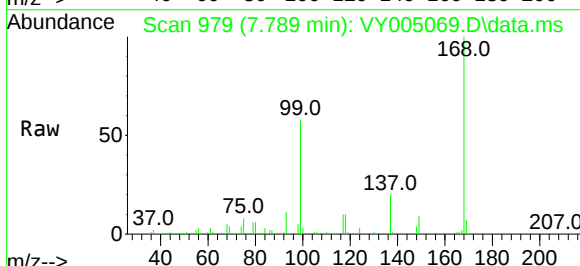
RT: 7.789 min Scan# 979

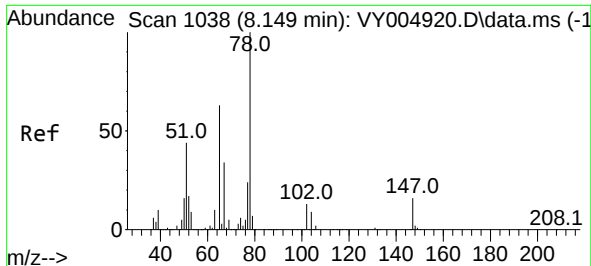
Delta R.T. -0.000 min

Lab File: VY005069.D

Acq: 10 Jun 2021 10:46

Tgt Ion:	56	Resp:	4052
Ion Ratio	Lower	Upper	
56	100		
69	160.7	25.3	37.9#
84	137.1	66.2	99.4#

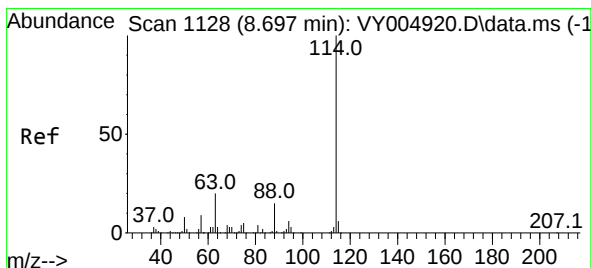
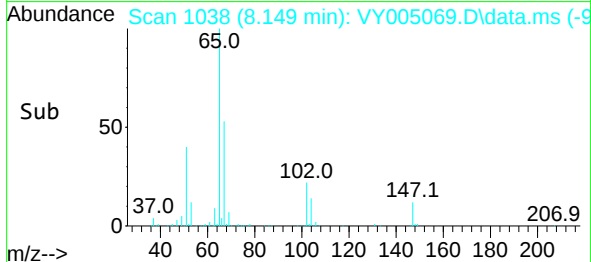
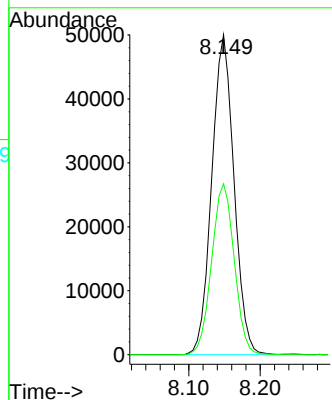
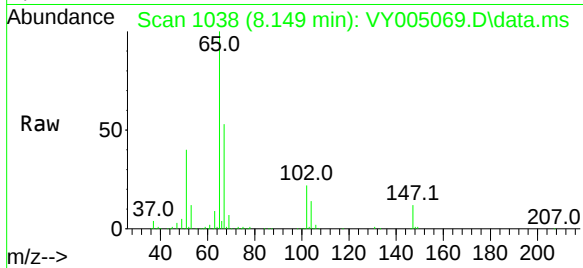




#33
 1,2-Dichloroethane-d4
 Concen: 62.006 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005069.D
 Acq: 10 Jun 2021 10:46

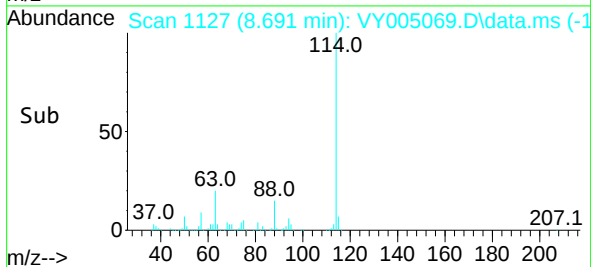
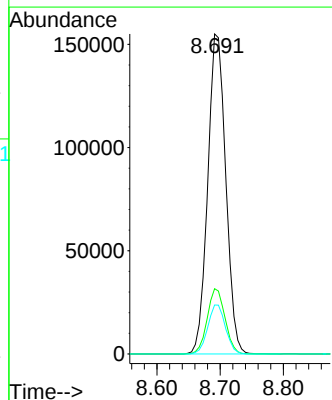
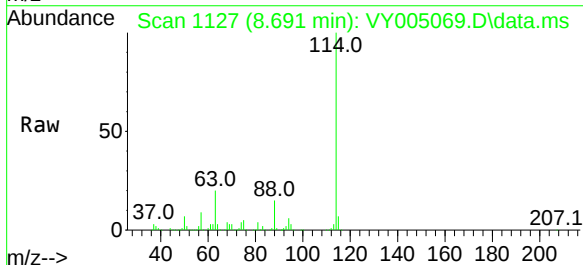
Instrument :
 MSVOA_Y
 ClientSampled :

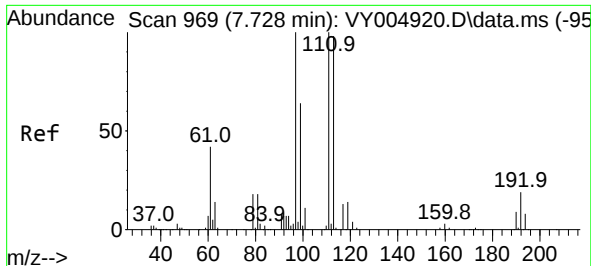
Tgt Ion: 65 Resp: 107903
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY005069.D
 Acq: 10 Jun 2021 10:46

Tgt Ion: 114 Resp: 307081
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.0
 88 15.3 0.0 30.6

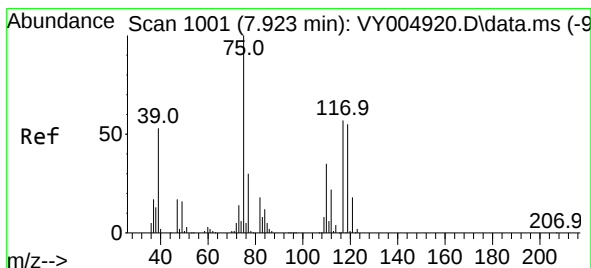
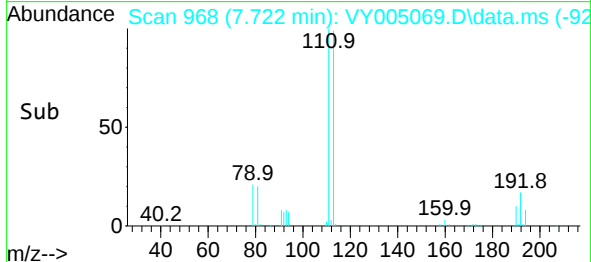
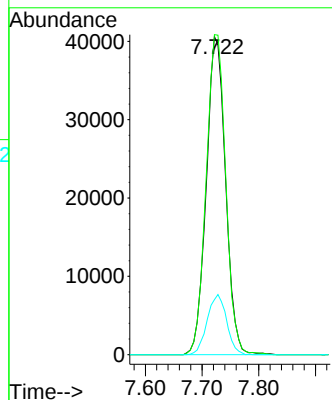
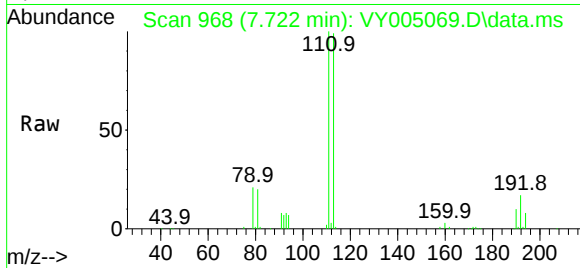




#35
Dibromofluoromethane
Concen: 58.050 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46

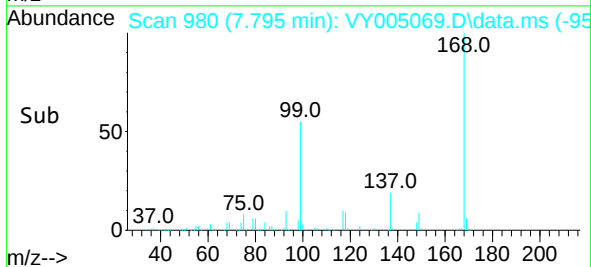
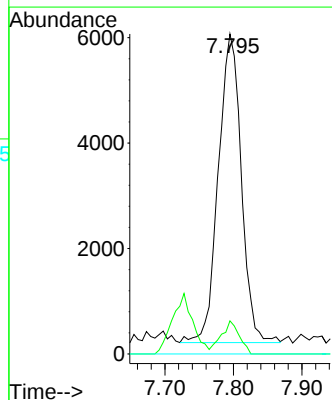
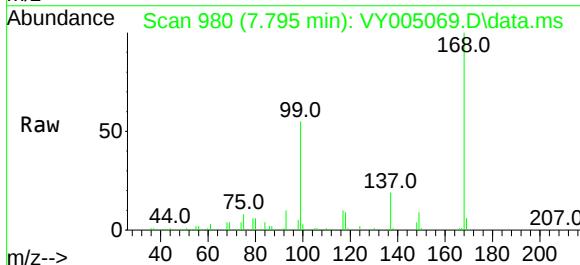
Instrument :
MSVOA_Y
ClientSampleId :

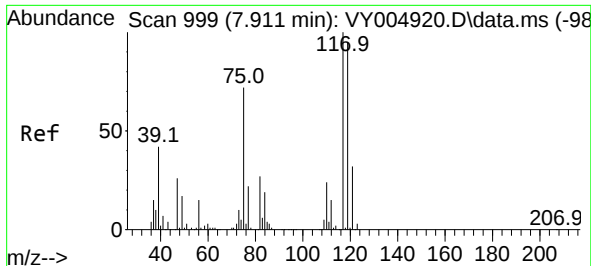
Tgt Ion:	113	Resp:	95907
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.8	122.8
192	19.0	15.3	22.9



#36
1,1-Dichloropropene
Concen: 4.533 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46

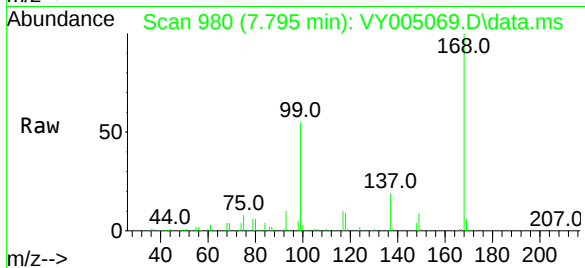
Tgt Ion:	75	Resp:	13622
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.5	52.5#
77	0.0	25.1	37.7#



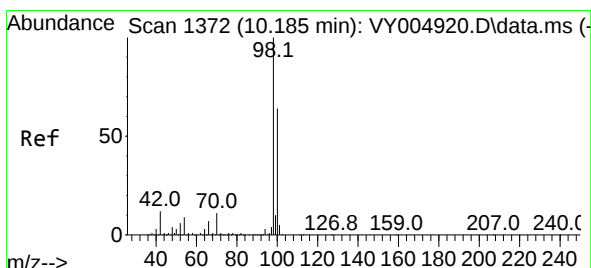
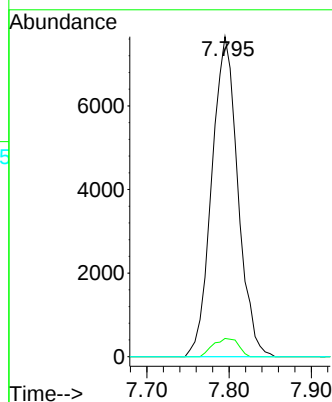
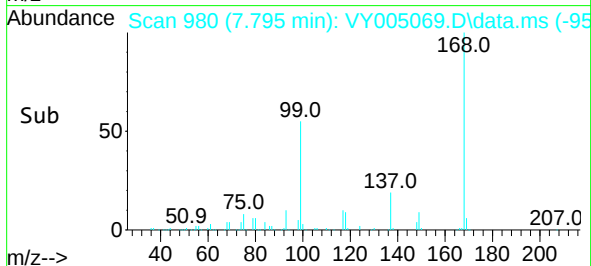


#38
Carbon Tetrachloride
Concen: 6.464 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46

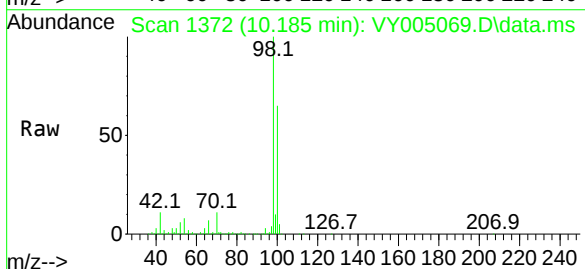
Instrument :
MSVOA_Y
ClientSampleId :



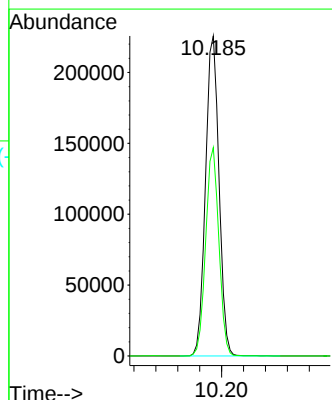
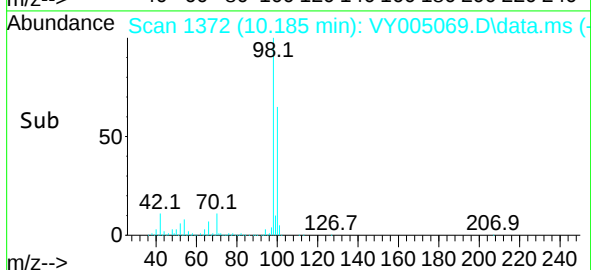
Tgt Ion:117 Resp: 16907
Ion Ratio Lower Upper
117 100
119 5.7 76.1 114.1#
121 0.0 25.5 38.3#

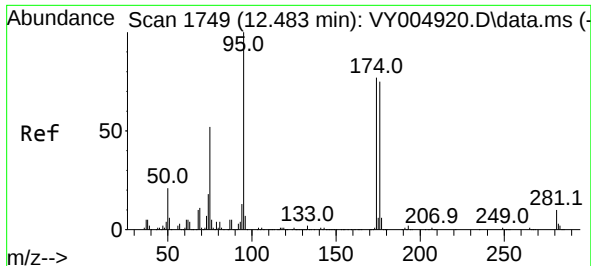


#50
Toluene-d8
Concen: 55.903 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46



Tgt Ion: 98 Resp: 383583
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6

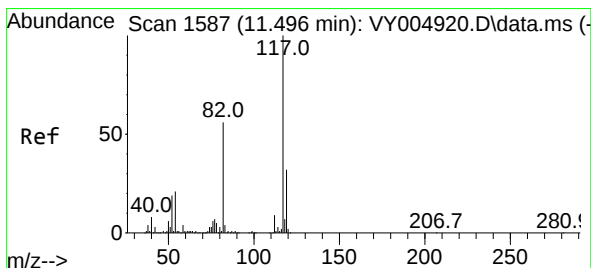
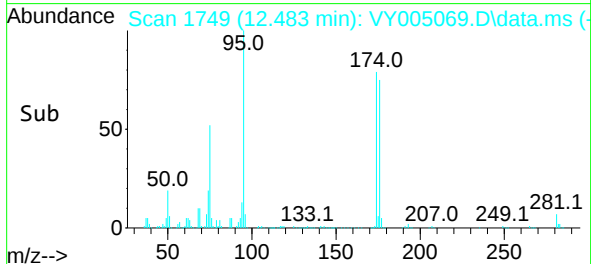
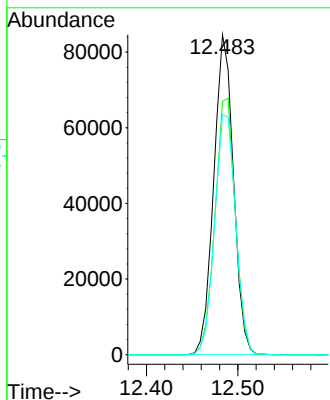
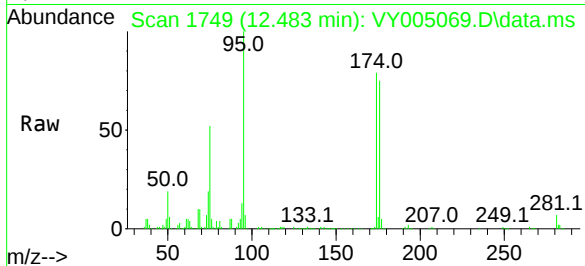




#62
4-Bromofluorobenzene
Concen: 53.664 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46

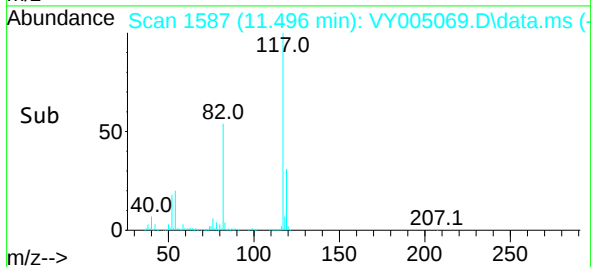
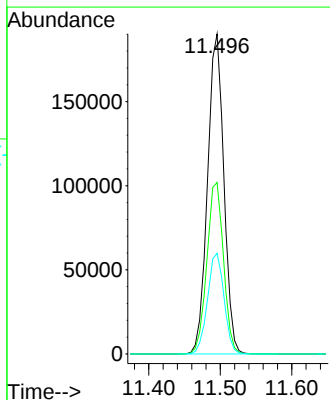
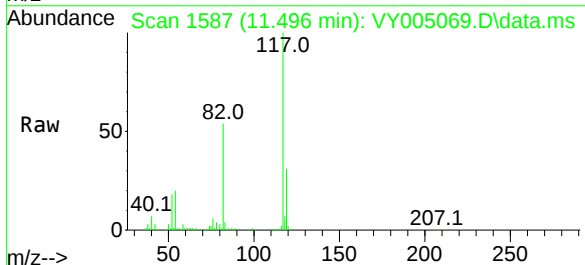
Instrument :
MSVOA_Y
ClientSampleId :

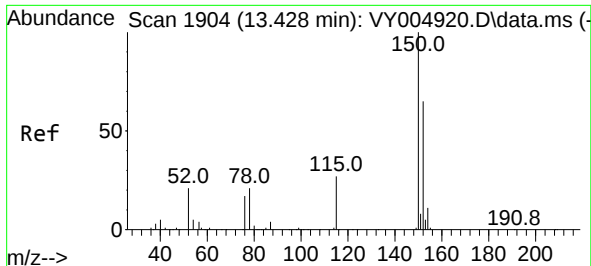
Tgt Ion: 95 Resp: 126637
Ion Ratio Lower Upper
95 100
174 83.0 0.0 160.8
176 80.4 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005069.D
Acq: 10 Jun 2021 10:46

Tgt Ion: 117 Resp: 301023
Ion Ratio Lower Upper
117 100
82 53.6 44.8 67.2
119 31.5 25.2 37.8

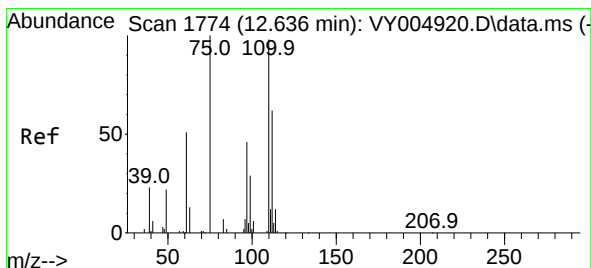
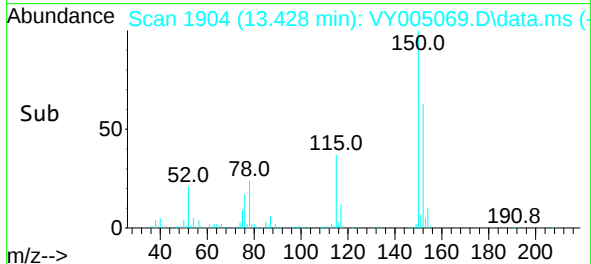
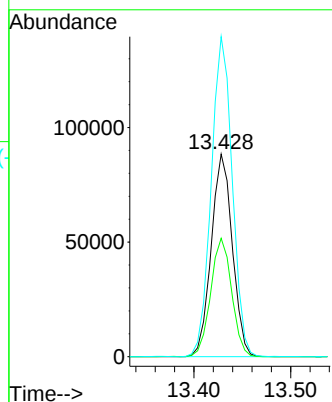
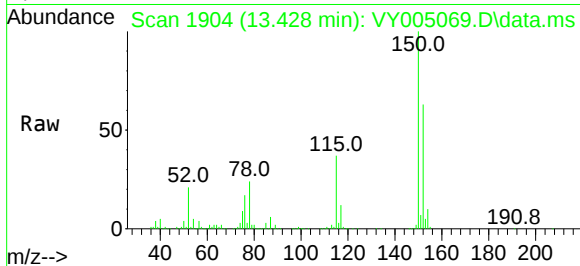




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005069.D
 Acq: 10 Jun 2021 10:46

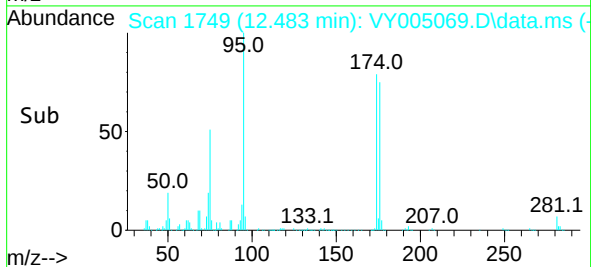
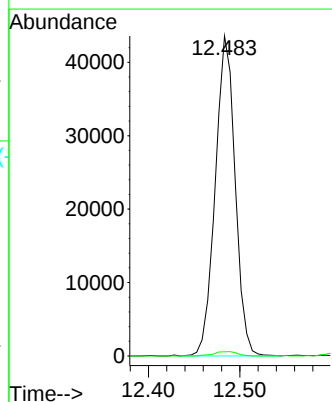
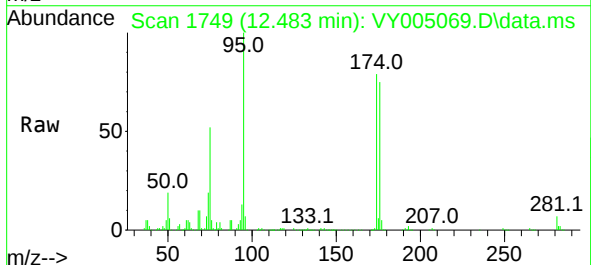
Instrument :
 MSVOA_Y
 ClientSampled :

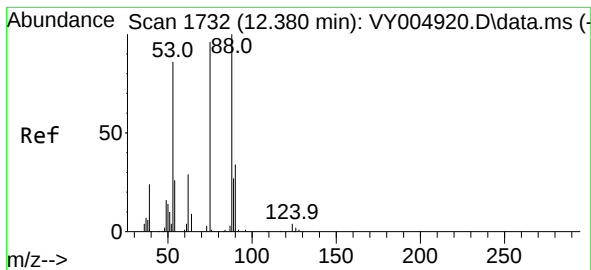
Tgt Ion:152 Resp: 134066
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.9 89.7
 150 157.5 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 44.908 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005069.D
 Acq: 10 Jun 2021 10:46

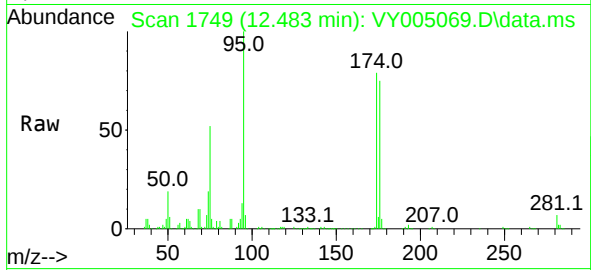
Tgt Ion: 75 Resp: 65998
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.531 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005069.D
 Acq: 10 Jun 2021 10:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.3	103.9#
89	0.0	35.0	52.6#

