

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004987.D
 Acq On : 07 Jun 2021 13:04
 Operator : SY/MD
 Sample : M2597-03RE
 Misc : 3.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:08:19 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)

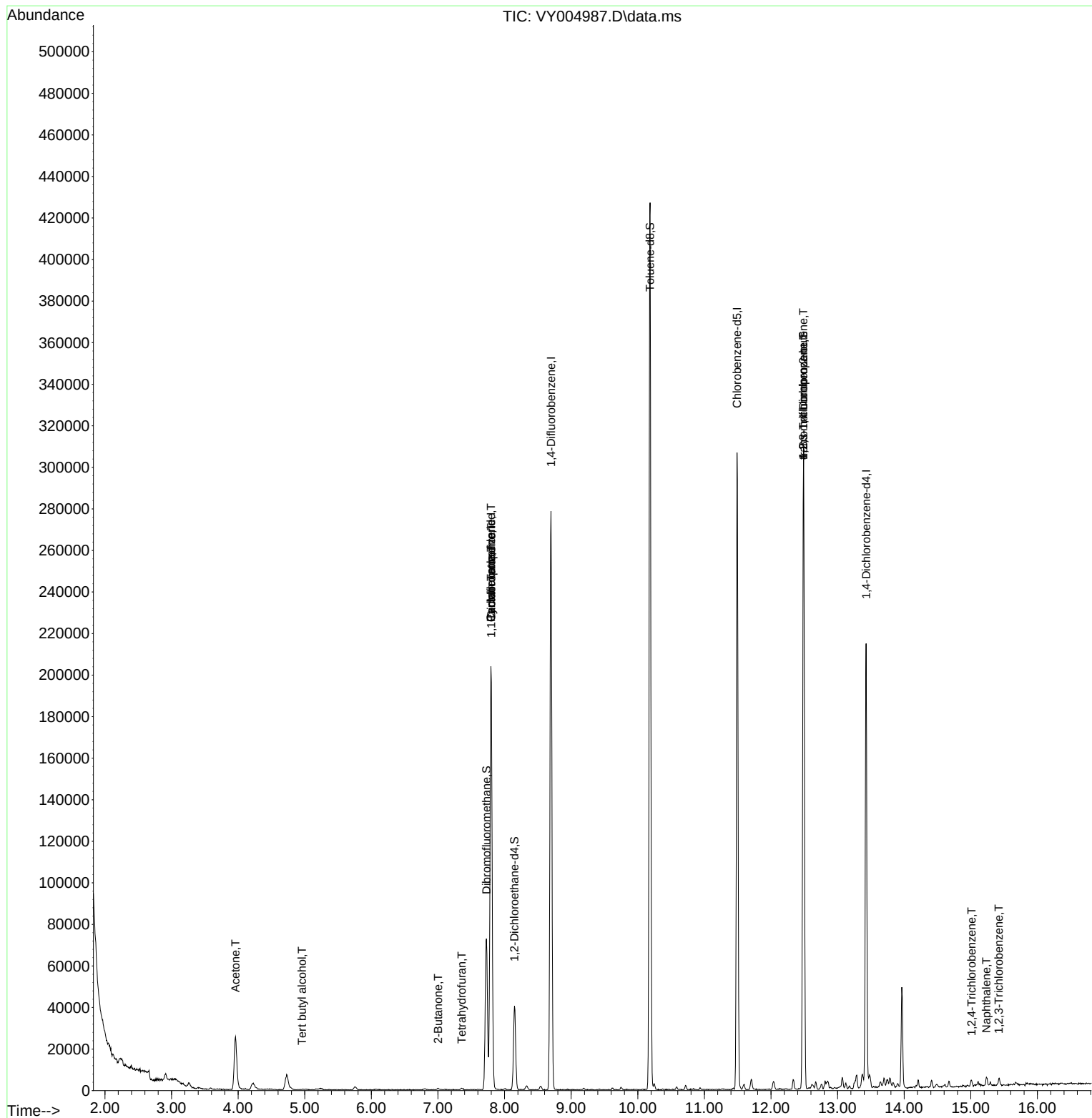
Internal Standards						
1) Pentafluorobenzene	7.795	168	154067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	233931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	165347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30075	18.465	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	36.920%#		
35) Dibromofluoromethane	7.728	113	52597	41.791	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	83.580%		
50) Toluene-d8	10.185	98	279489	53.470	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	106.940%		
62) 4-Bromofluorobenzene	12.483	95	56298	31.317	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	62.640%		
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.960	59	643	3.433	ug/l #	74
13) Acrolein	3.729	56	127	Below Cal	#	60
16) Acetone	3.960	43	45027	114.840	ug/l	97
20) Methylene Chloride	4.735	84	4997	Below Cal		89
25) 2-Butanone	7.003	43	1030	1.562	ug/l #	87
29) Tetrahydrofuran	7.356	42	490	1.169	ug/l #	76
31) Cyclohexane	7.795	56	3598	1.255	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	12778	5.581	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15411	7.735	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	30264	52.258	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30264	96.038	ug/l #	16
93) 1,2,4-Trichlorobenzene	15.013	180	1185	1.258	ug/l	94
95) Naphthalene	15.233	128	3577	1.728	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	1149	1.386	ug/l	94

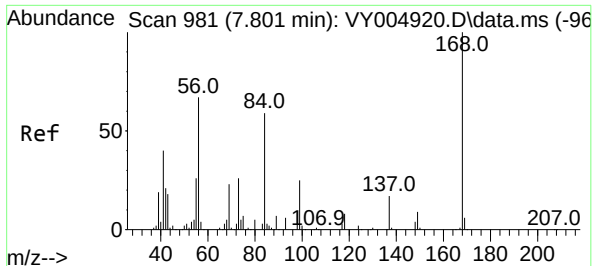
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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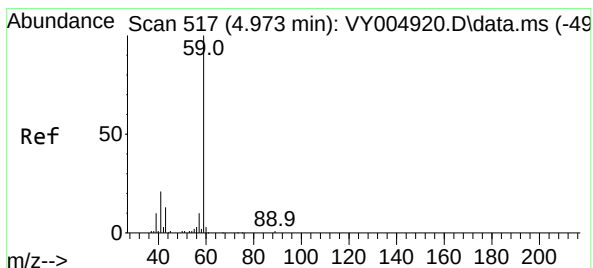
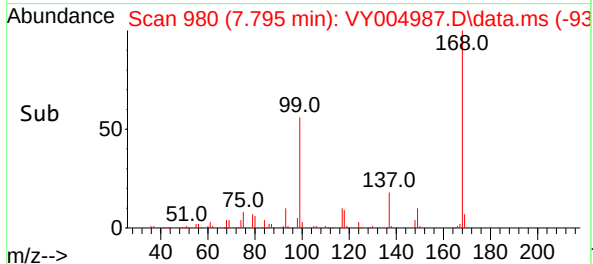
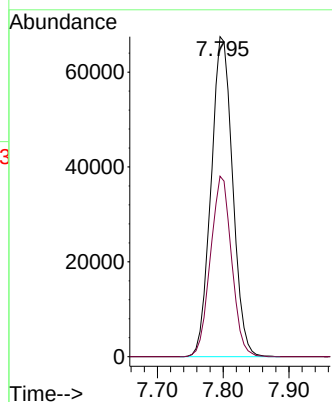
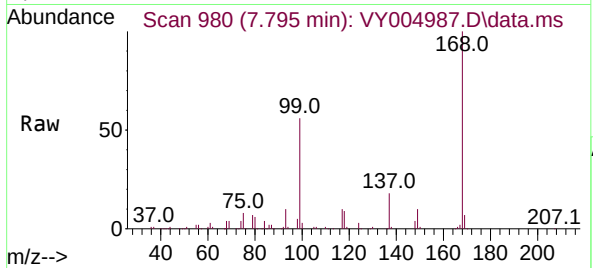




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

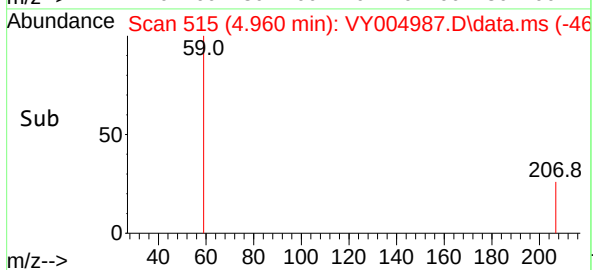
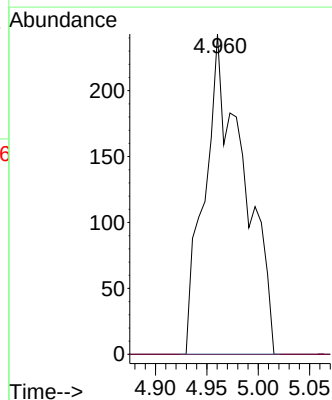
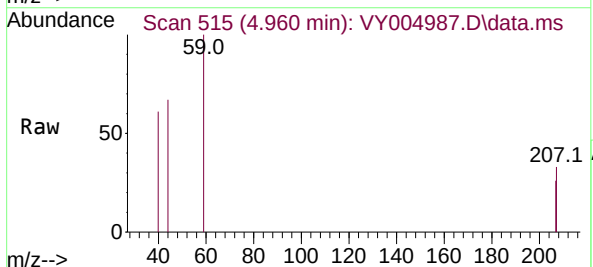
Instrument :
MSVOA_Y
ClientSampled :

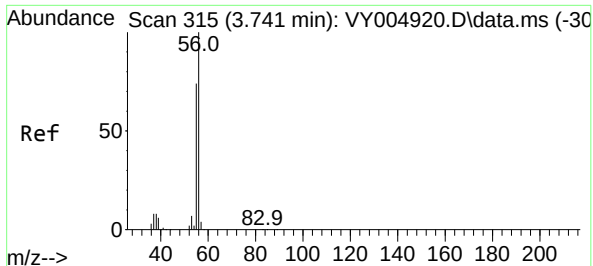
Tgt Ion:168 Resp: 154067
Ion Ratio Lower Upper
168 100
99 56.4 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.433 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

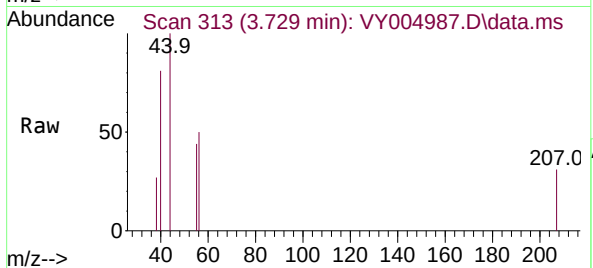
Tgt Ion: 59 Resp: 643
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



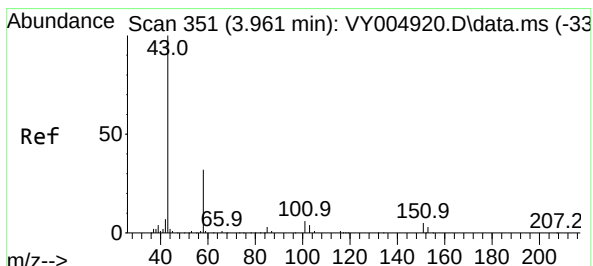
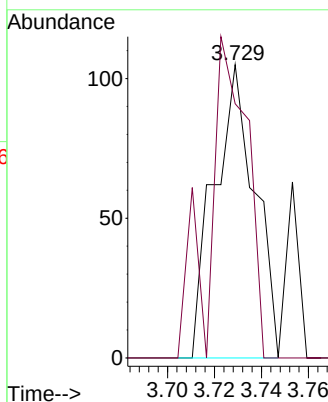
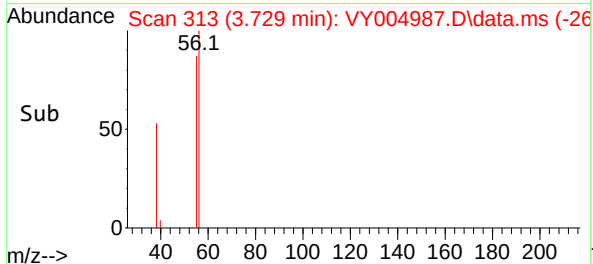


#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. -0.012 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

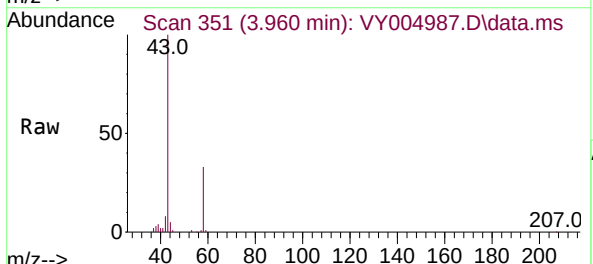
Instrument :
MSVOA_Y
ClientSampled :



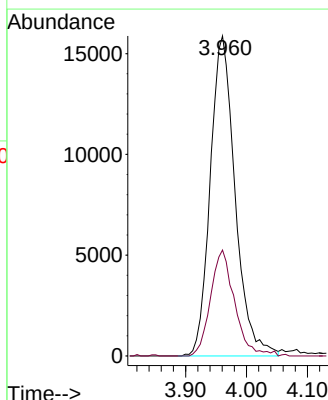
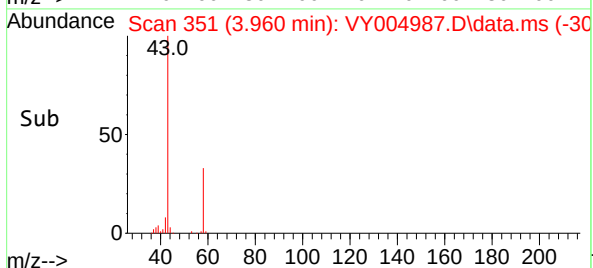
Tgt Ion: 56 Resp: 127
Ion Ratio Lower Upper
56 100
55 101.6 55.4 83.2#

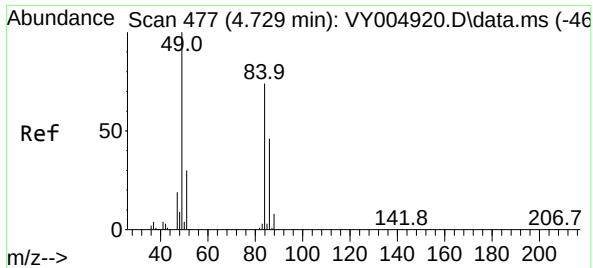


#16
Acetone
Concen: 114.840 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04



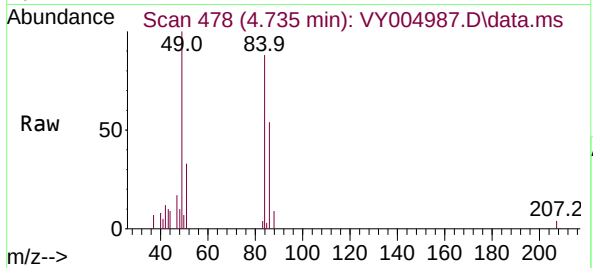
Tgt Ion: 43 Resp: 45027
Ion Ratio Lower Upper
43 100
58 33.1 25.3 37.9



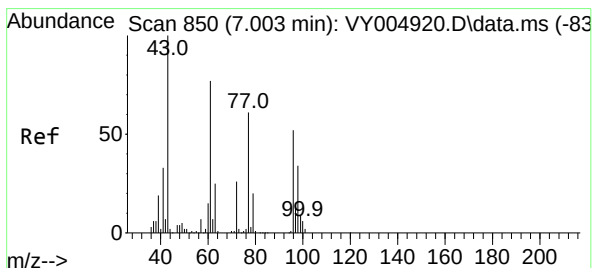
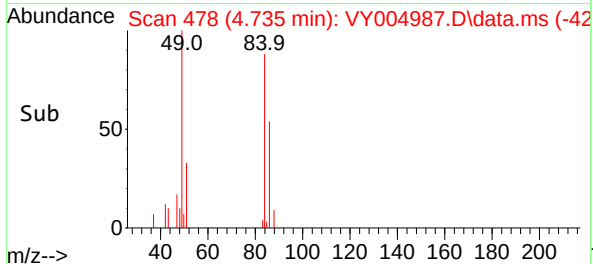
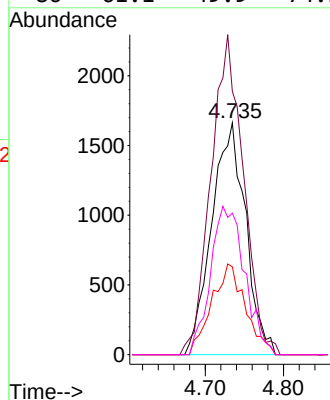


#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

Instrument :
MSVOA_Y
ClientSampled :

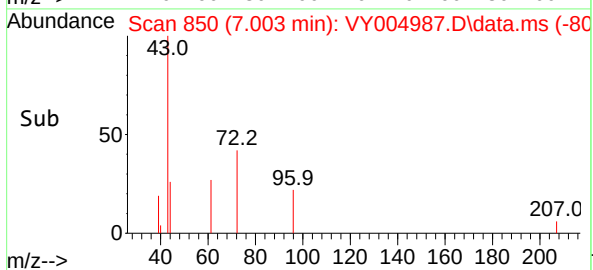
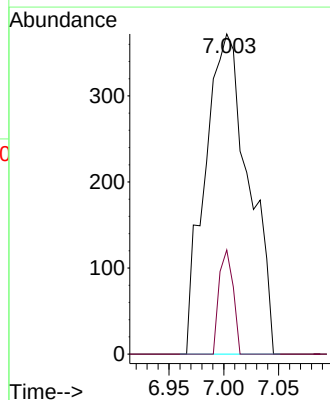
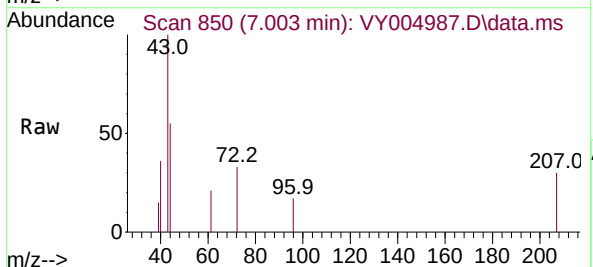


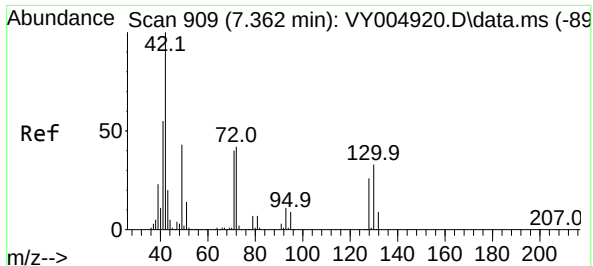
Tgt Ion:	84	Resp:	4997
Ion	Ratio	Lower	Upper
84	100		
49	113.5	108.0	162.0
51	37.9	32.6	48.8
86	61.1	49.9	74.9



#25
2-Butanone
Concen: 1.562 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

Tgt Ion:	43	Resp:	1030
Ion	Ratio	Lower	Upper
43	100		
72	32.5	20.6	31.0#





#29

Tetrahydrofuran

Concen: 1.169 ug/l

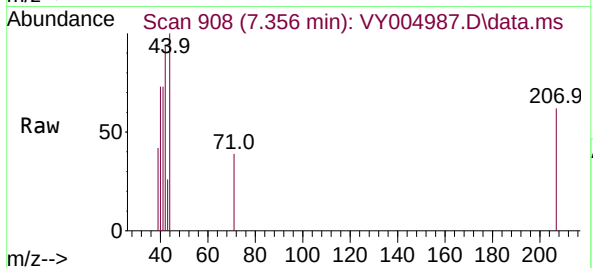
RT: 7.356 min Scan# 908

Delta R.T. -0.006 min

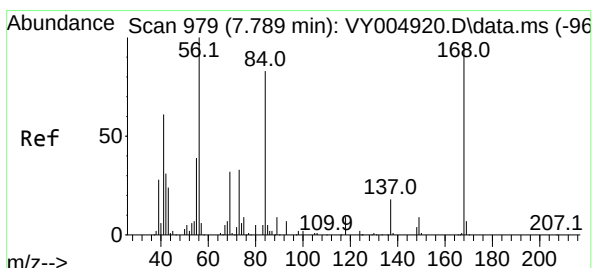
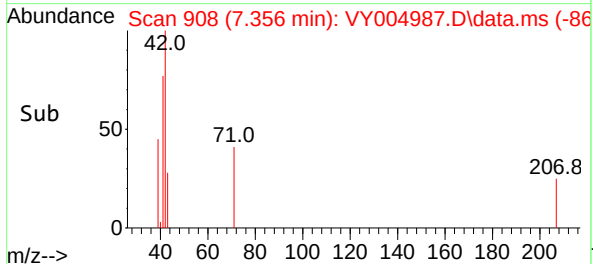
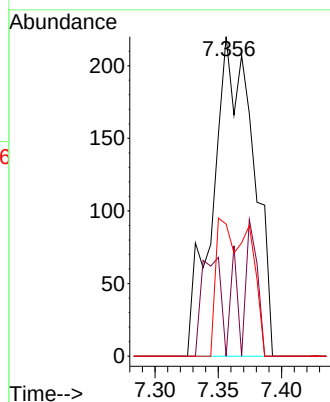
Lab File: VY004987.D

Acq: 07 Jun 2021 13:04

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	42	Resp:	490
Ion	Ratio	Lower	Upper
42	100		
72	14.7	32.6	49.0#
71	35.7	30.9	46.3



#31

Cyclohexane

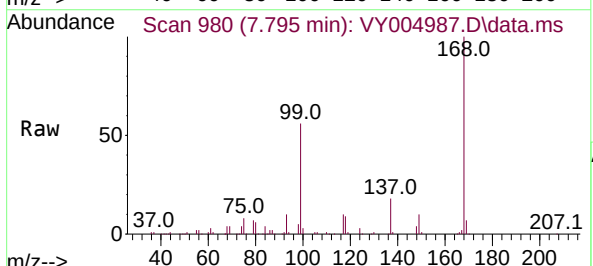
Concen: 1.255 ug/l

RT: 7.795 min Scan# 980

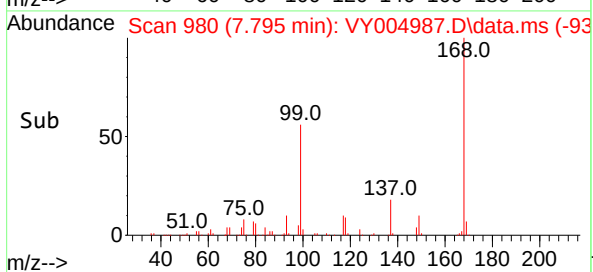
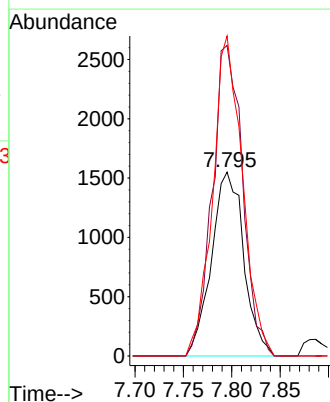
Delta R.T. 0.006 min

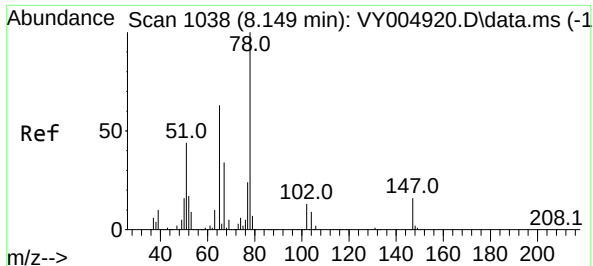
Lab File: VY004987.D

Acq: 07 Jun 2021 13:04



Tgt Ion:	56	Resp:	3598
Ion	Ratio	Lower	Upper
56	100		
69	169.0	25.3	37.9#
84	174.1	66.2	99.4#

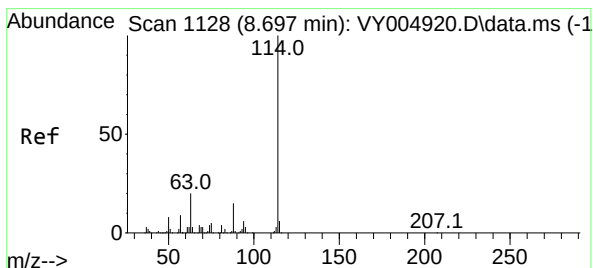
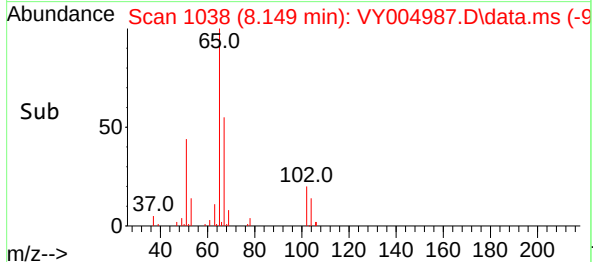
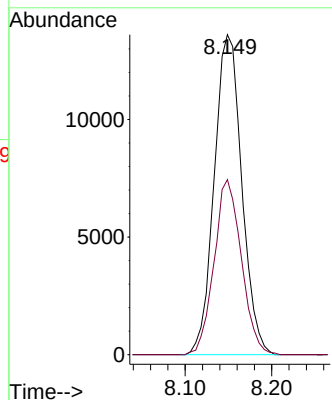
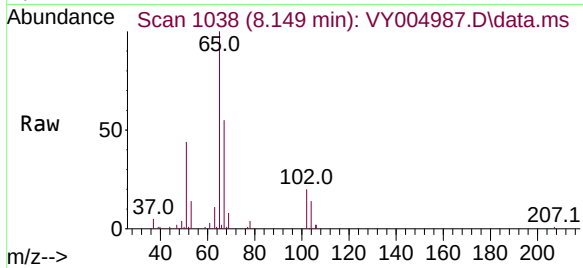




#33
 1,2-Dichloroethane-d4
 Concen: 18.465 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY004987.D
 Acq: 07 Jun 2021 13:04

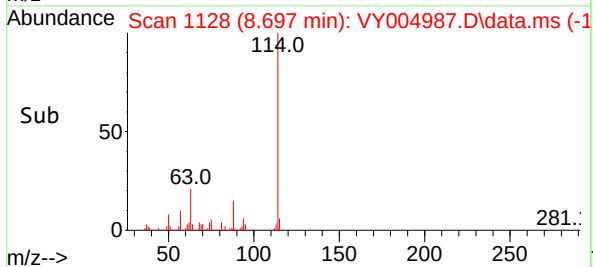
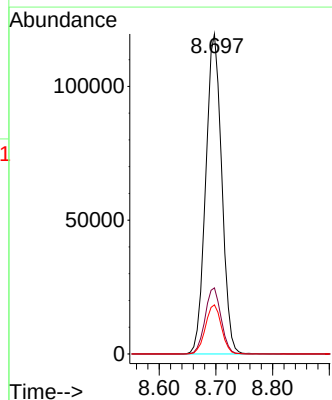
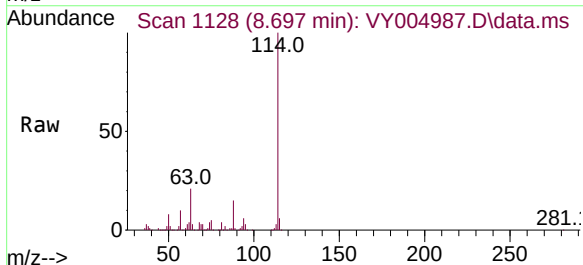
Instrument :
 MSVOA_Y
 ClientSampled :

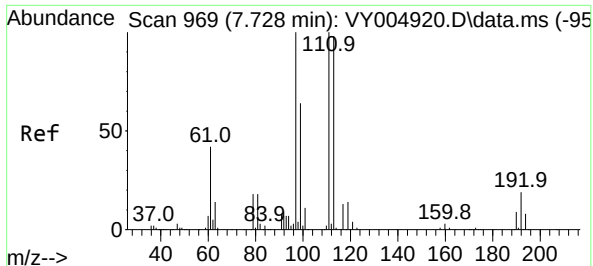
Tgt Ion: 65 Resp: 30075
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY004987.D
 Acq: 07 Jun 2021 13:04

Tgt Ion: 114 Resp: 233931
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.0
 88 15.4 0.0 30.6

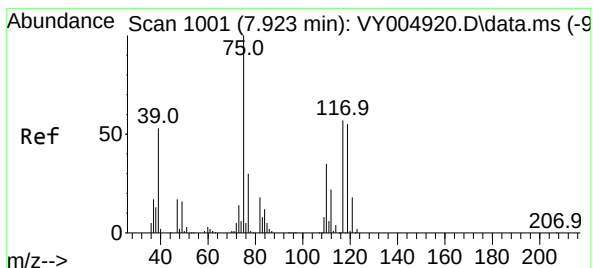
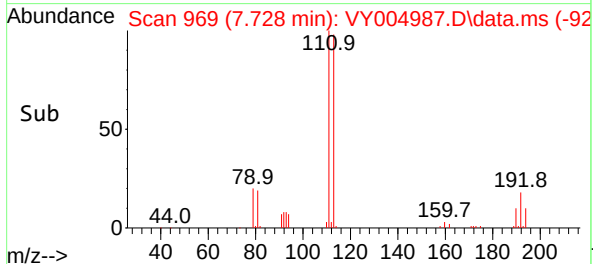
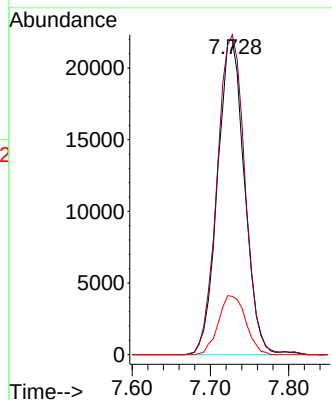
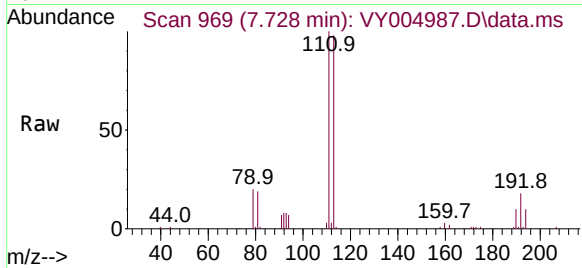




#35
Dibromofluoromethane
Concen: 41.791 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

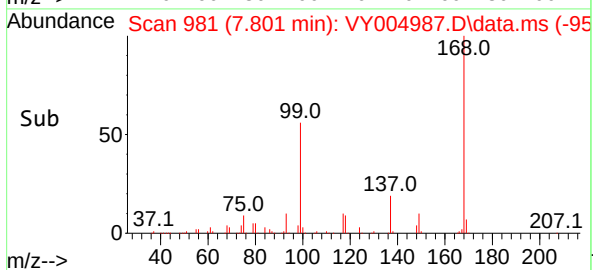
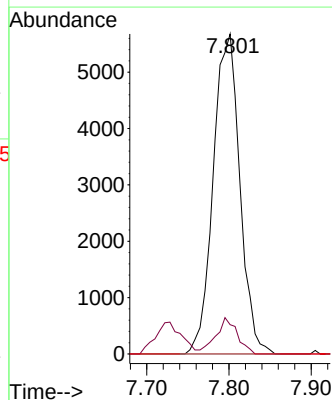
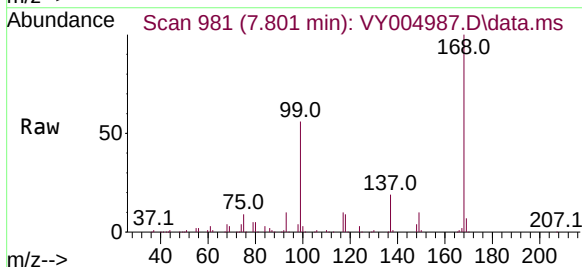
Instrument :
MSVOA_Y
ClientSampleId :

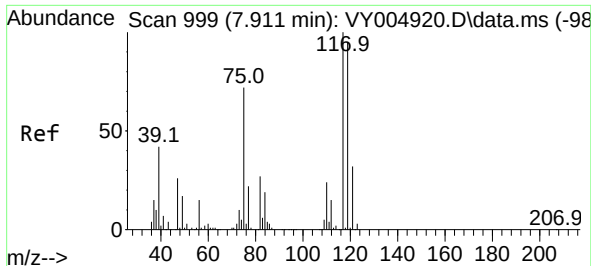
Tgt Ion:	113	Resp:	52597
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.8	122.8
192	19.0	15.3	22.9



#36
1,1-Dichloropropene
Concen: 5.581 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

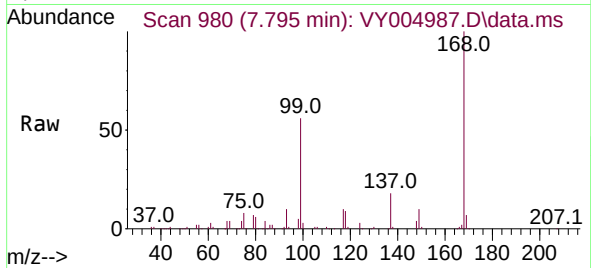
Tgt Ion:	75	Resp:	12778
Ion	Ratio	Lower	Upper
75	100		
110	9.0	17.5	52.5#
77	0.0	25.1	37.7#



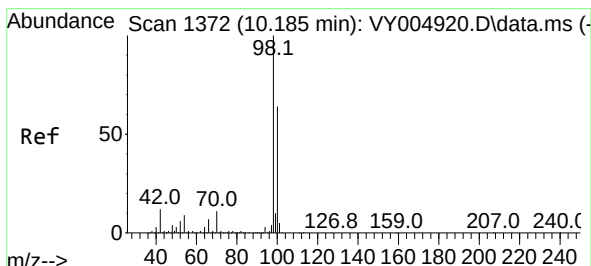
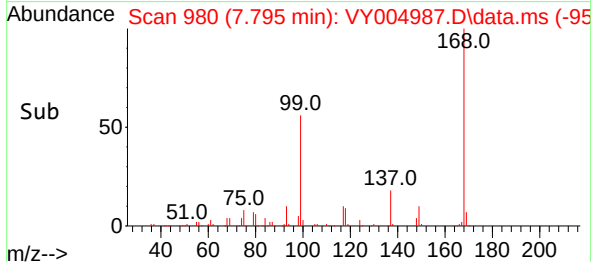
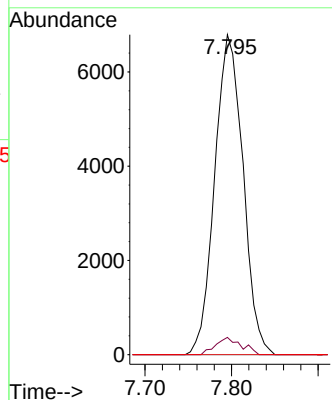


#38
Carbon Tetrachloride
Concen: 7.735 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

Instrument :
MSVOA_Y
ClientSampleId :

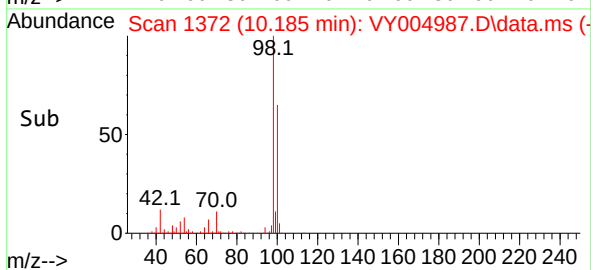
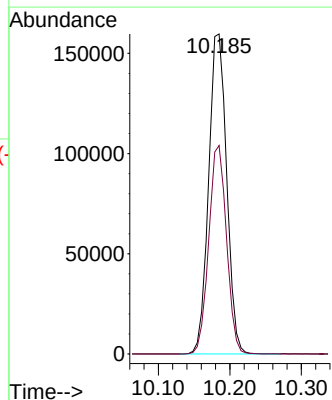
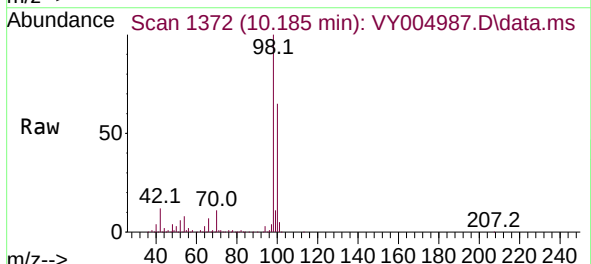


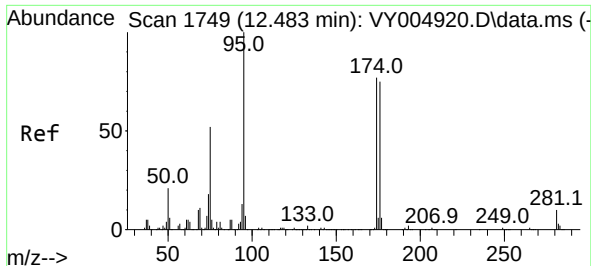
Tgt Ion:117 Resp: 15411
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 53.470 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

Tgt Ion: 98 Resp: 279489
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

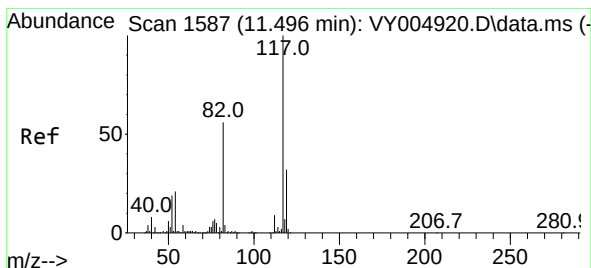
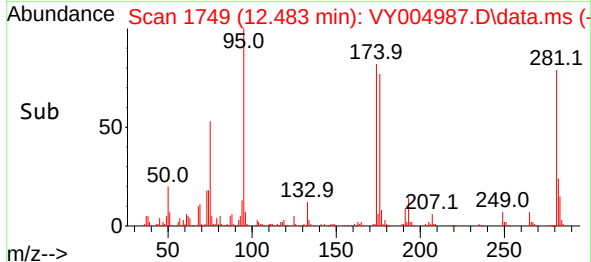
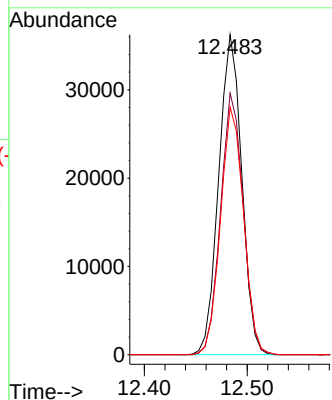
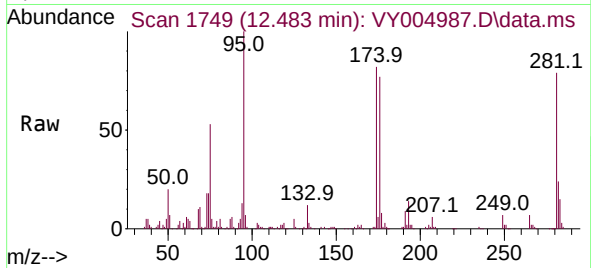




#62
4-Bromofluorobenzene
Concen: 31.317 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

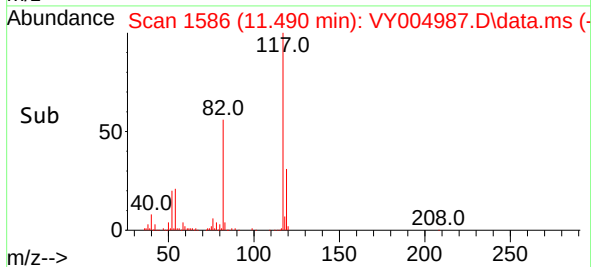
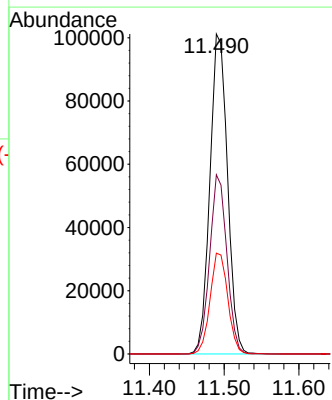
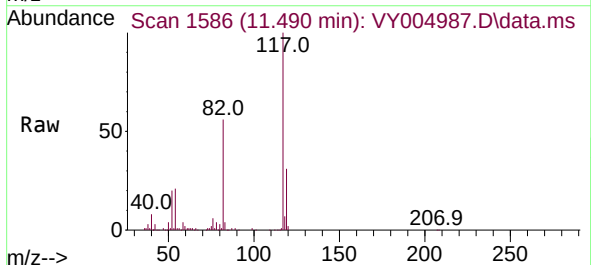
Instrument :
MSVOA_Y
ClientSampleId :

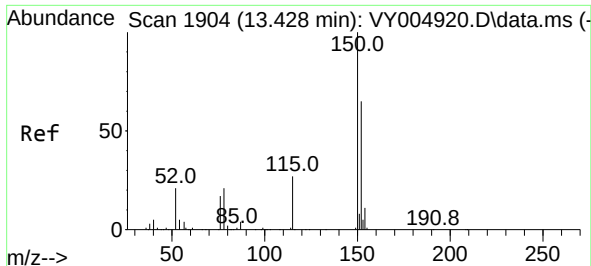
Tgt Ion:	95	Resp:	56298
Ion Ratio	Lower	Upper	
95	100		
174	80.4	0.0	160.8
176	77.5	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

Tgt Ion:	117	Resp:	165347
Ion Ratio	Lower	Upper	
117	100		
82	56.0	44.8	67.2
119	31.5	25.2	37.8

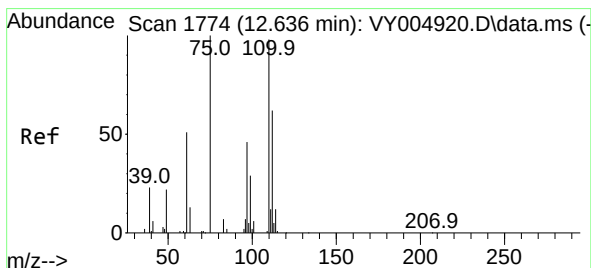
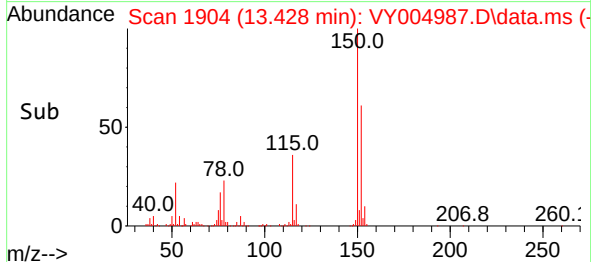
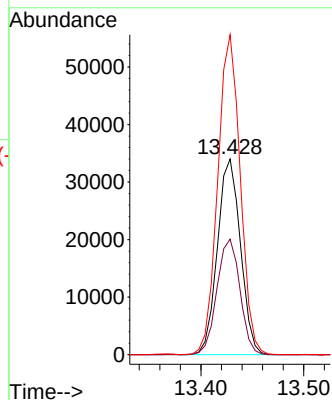
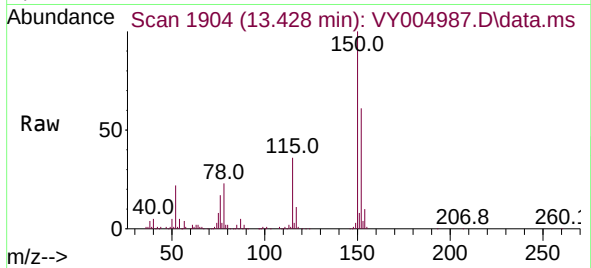




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004987.D
 Acq: 07 Jun 2021 13:04

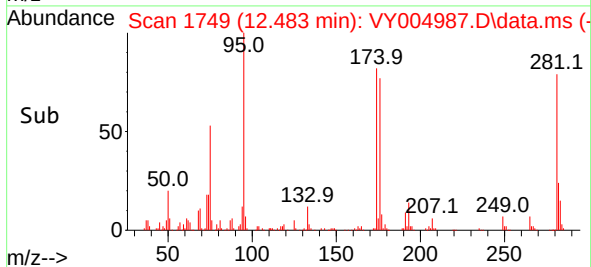
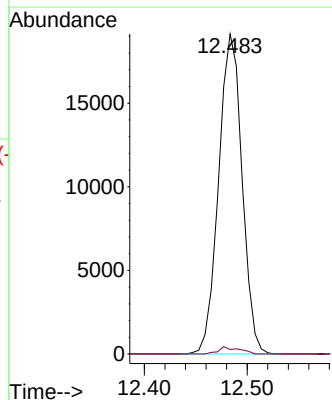
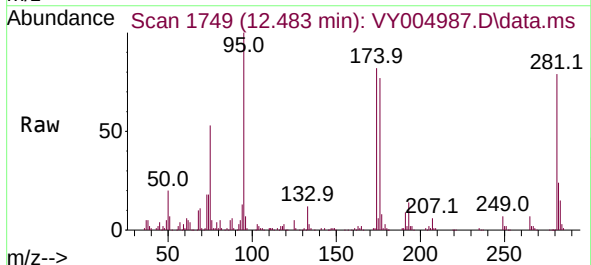
Instrument :
 MSVOA_Y
 ClientSampled :

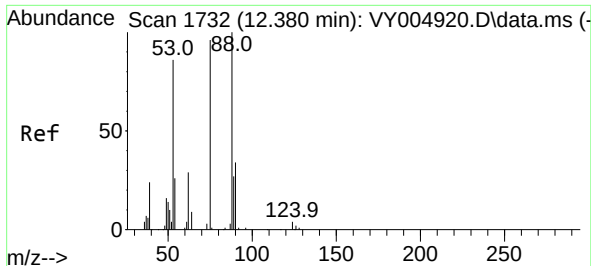
Tgt Ion:152 Resp: 52831
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.9 89.7
 150 160.0 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 52.258 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004987.D
 Acq: 07 Jun 2021 13:04

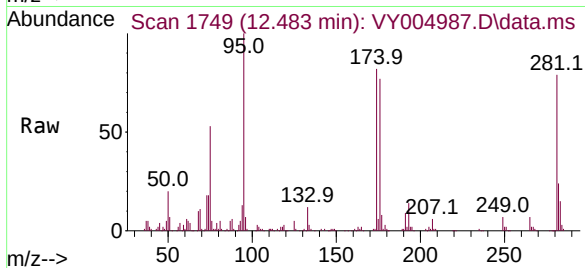
Tgt Ion: 75 Resp: 30264
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#



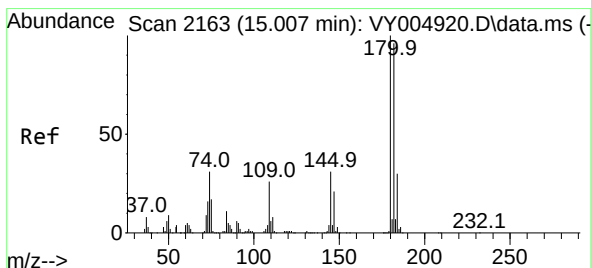
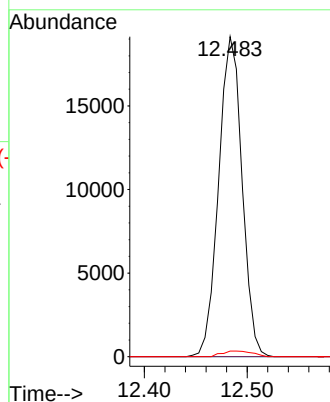
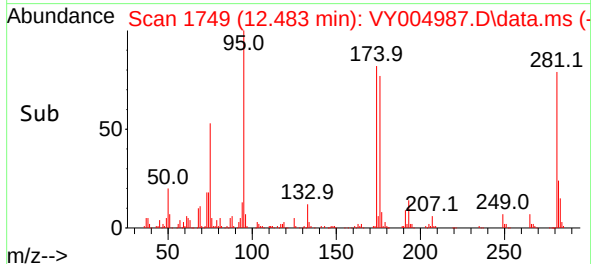


#81
trans-1,4-Dichloro-2-butene
Concen: 96.038 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

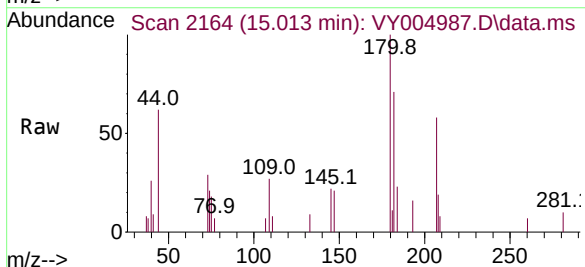
Instrument :
MSVOA_Y
ClientSampled :



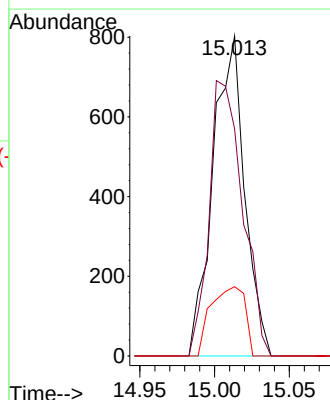
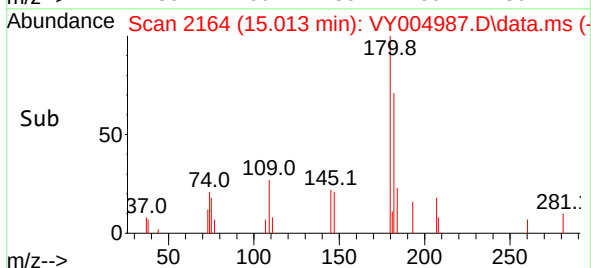
Tgt Ion: 75 Resp: 30264
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 2.3 35.0 52.6#

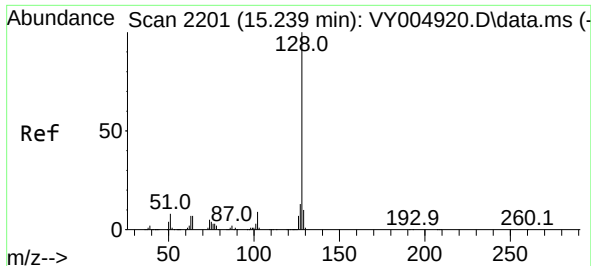


#93
1,2,4-Trichlorobenzene
Concen: 1.258 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04



Tgt Ion:180 Resp: 1185
Ion Ratio Lower Upper
180 100
182 90.9 47.2 141.6
145 23.3 15.4 46.4

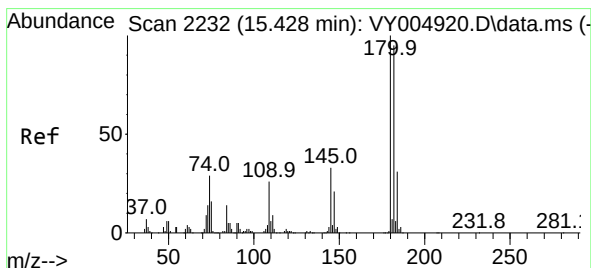
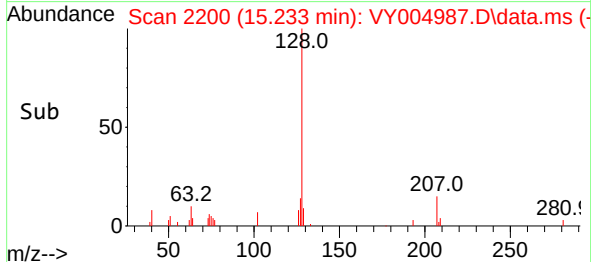
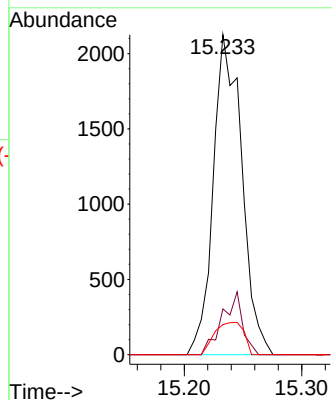
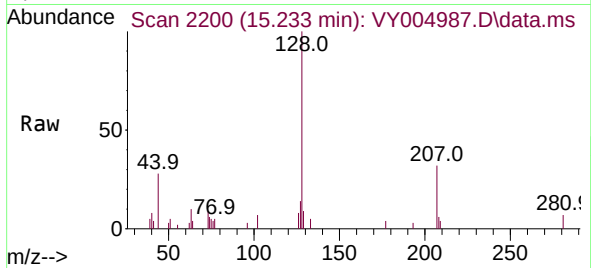




#95
Naphthalene
Concen: 1.728 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:128 Resp: 3577
Ion Ratio Lower Upper
128 100
127 14.1 10.2 15.2
129 10.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.386 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY004987.D
Acq: 07 Jun 2021 13:04

Tgt Ion:180 Resp: 1149
Ion Ratio Lower Upper
180 100
182 91.4 47.0 141.2
145 25.5 16.8 50.3

