

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005063.D
 Acq On : 09 Jun 2021 21:43
 Operator : SY/MD
 Sample : M2666-06
 Misc : 4.95G/5ML/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:45:49 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)

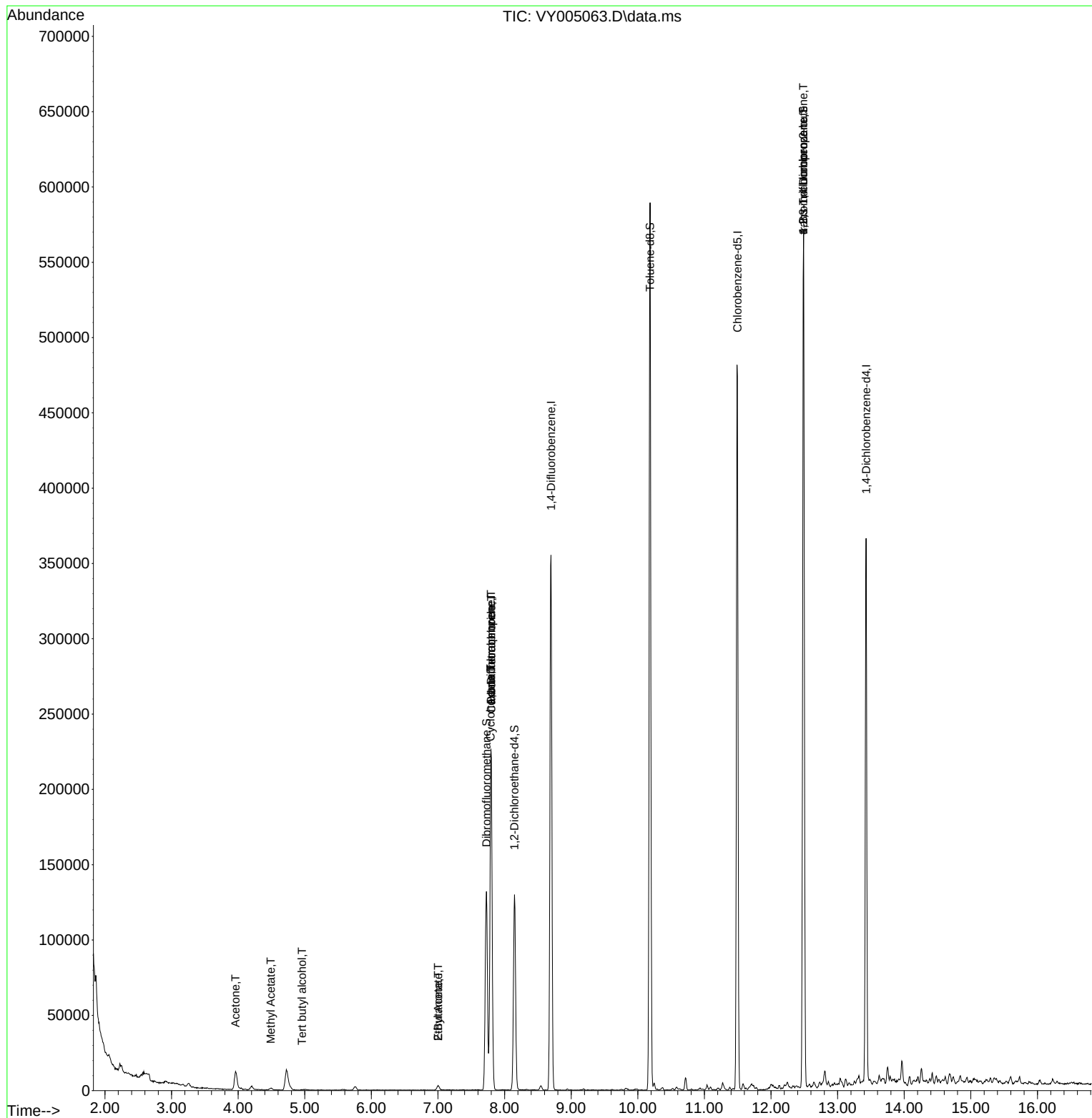
Internal Standards						
1) Pentafluorobenzene	7.795	168	173312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	263983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90214	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99823	54.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.960%	
35) Dibromofluoromethane	7.728	113	95183	57.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.500%	
50) Toluene-d8	10.185	98	379922	55.023	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.040%	
62) 4-Bromofluorobenzene	12.483	95	102379	43.113	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	342	1.623	ug/l #	74
16) Acetone	3.960	43	22847	51.800	ug/l	99
18) Methyl Acetate	4.491	43	2694	1.906	ug/l #	88
20) Methylene Chloride	4.722	84	9767	Below Cal		96
25) 2-Butanone	7.003	43	5516	7.437	ug/l	100
31) Cyclohexane	7.789	56	4031	1.250	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	13554	4.482	ug/l #	49
37) Ethyl Acetate	7.003	43	5516	2.773	ug/l #	70
38) Carbon Tetrachloride	7.801	117	17371	6.600	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	55989	56.616	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55989	104.048	ug/l #	16

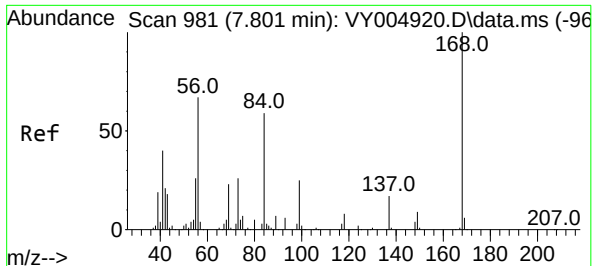
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
Quant Title : SW846 8260
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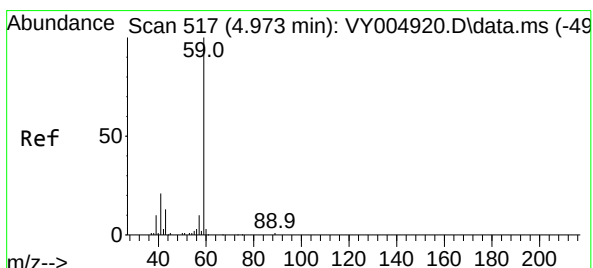
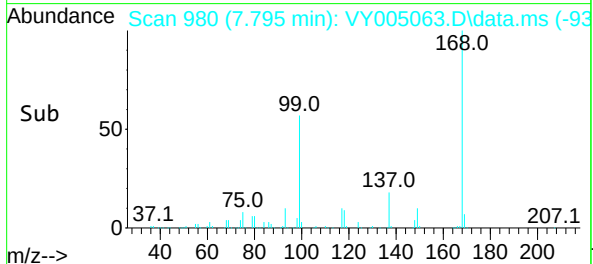
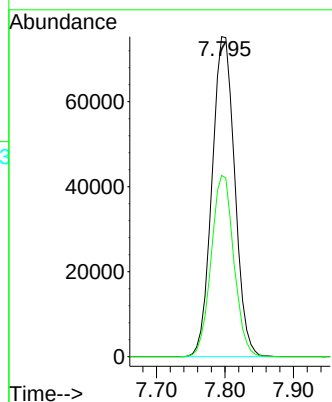
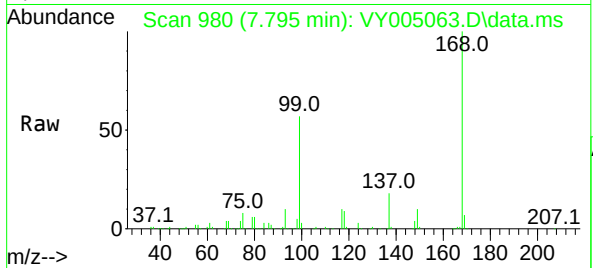




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

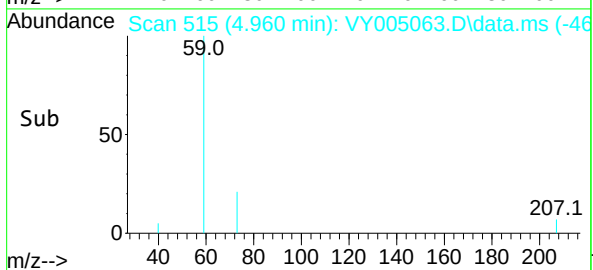
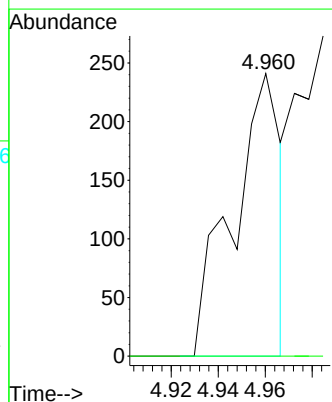
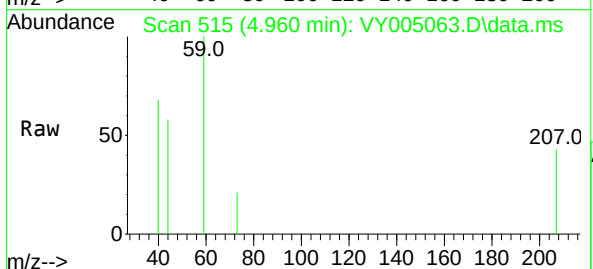
Instrument :
MSVOA_Y
ClientSampleId :

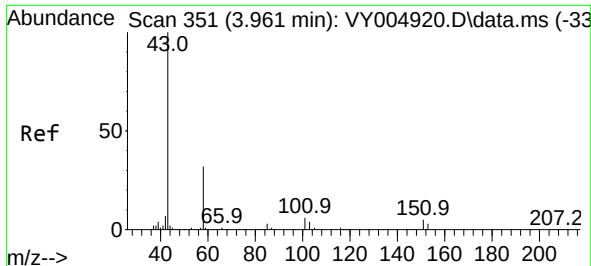
Tgt Ion:168 Resp: 173312
Ion Ratio Lower Upper
168 100
99 56.7 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.623 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

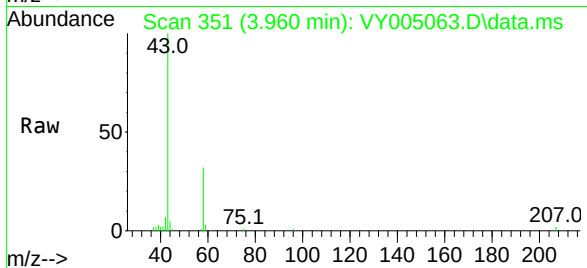
Tgt Ion: 59 Resp: 342
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



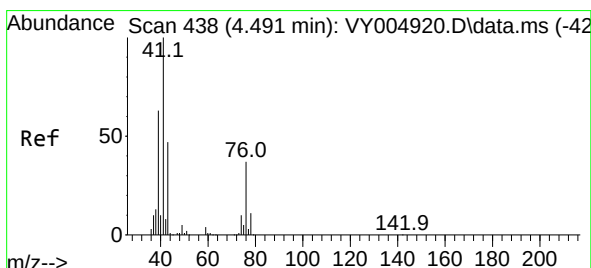
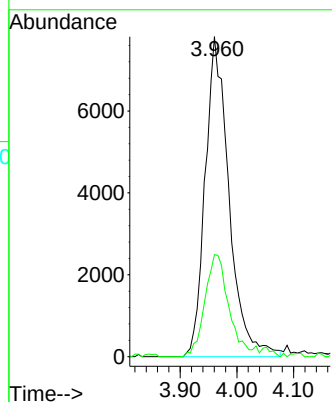
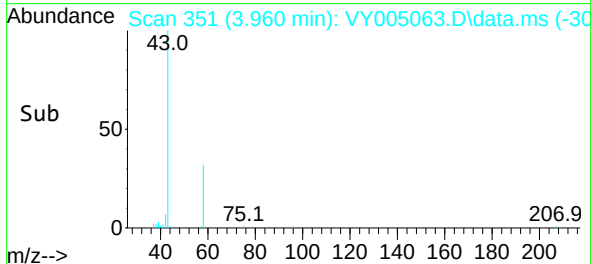


#16
Acetone
Concen: 51.800 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

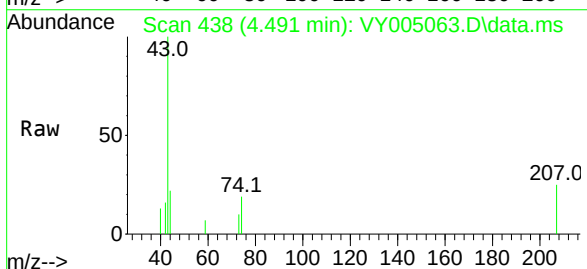
Instrument :
MSVOA_Y
ClientSampled :



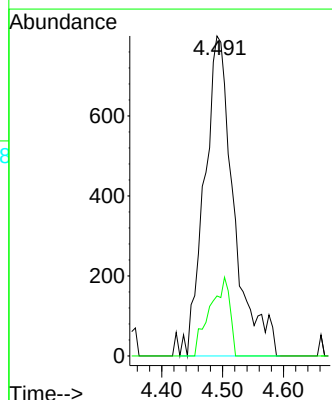
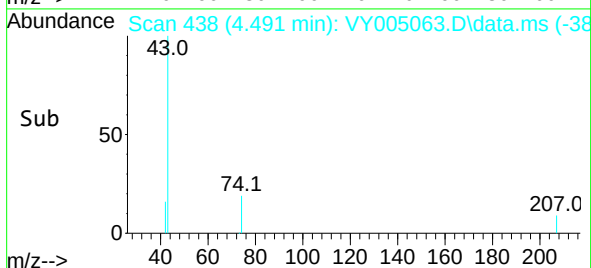
Tgt Ion: 43 Resp: 22847
Ion Ratio Lower Upper
43 100
58 31.9 25.3 37.9

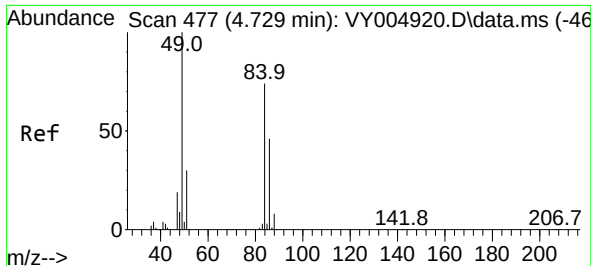


#18
Methyl Acetate
Concen: 1.906 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43



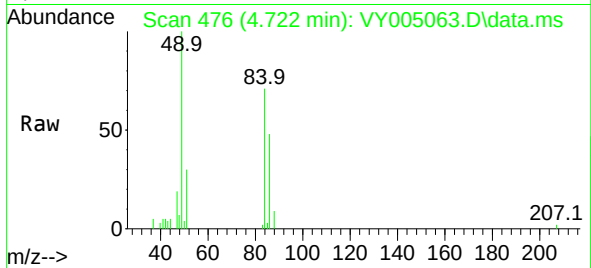
Tgt Ion: 43 Resp: 2694
Ion Ratio Lower Upper
43 100
74 16.6 18.0 27.0#



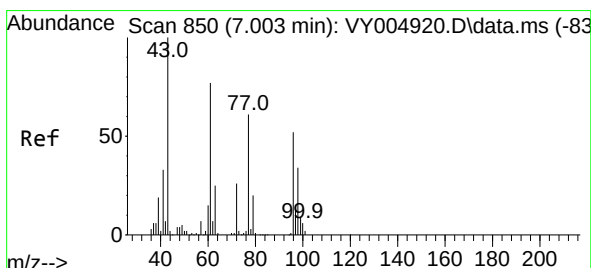
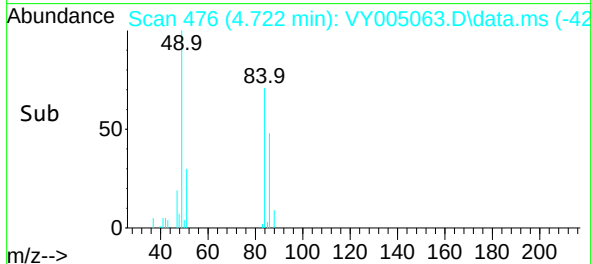
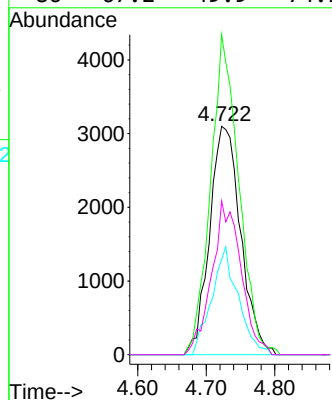


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

Instrument :
MSVOA_Y
ClientSampleId :

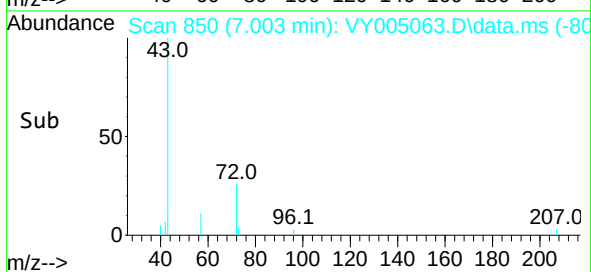
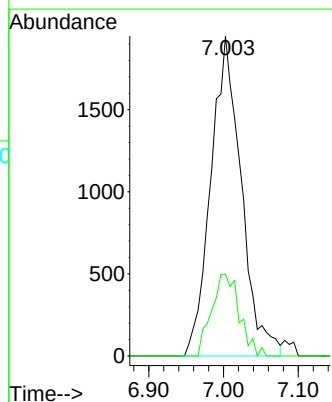
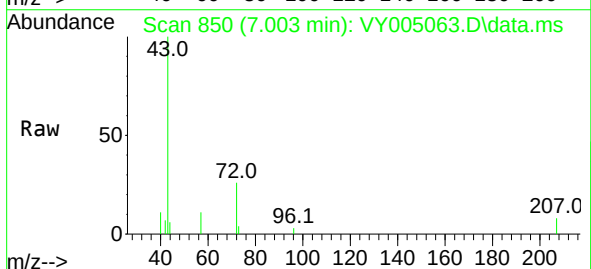


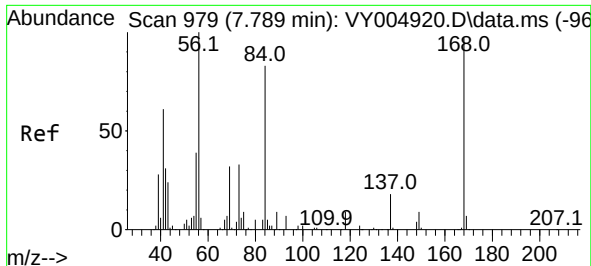
Tgt Ion:	84	Resp:	9767
Ion	Ratio	Lower	Upper
84	100		
49	140.1	108.0	162.0
51	41.8	32.6	48.8
86	67.2	49.9	74.9



#25
2-Butanone
Concen: 7.437 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

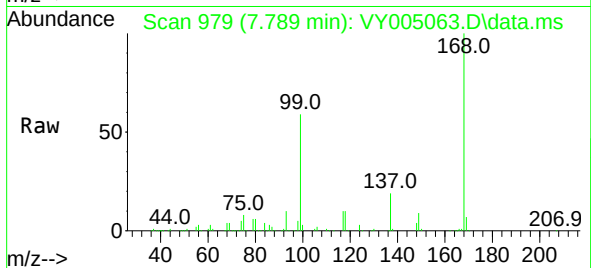
Tgt Ion:	43	Resp:	5516
Ion	Ratio	Lower	Upper
43	100		
72	25.6	20.6	31.0



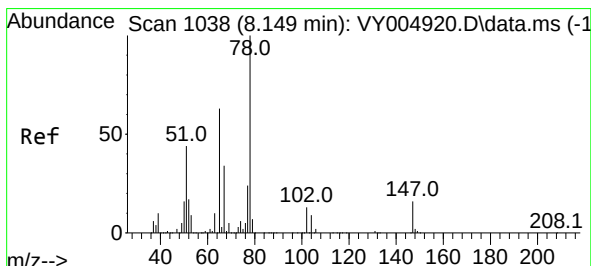
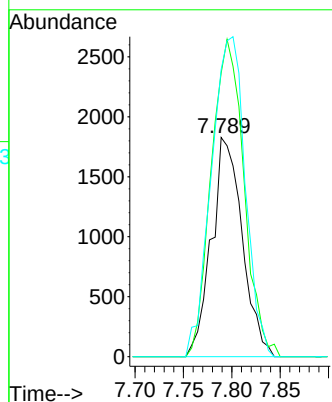
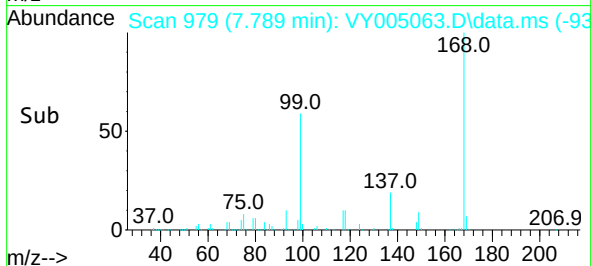


#31
Cyclohexane
Concen: 1.250 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

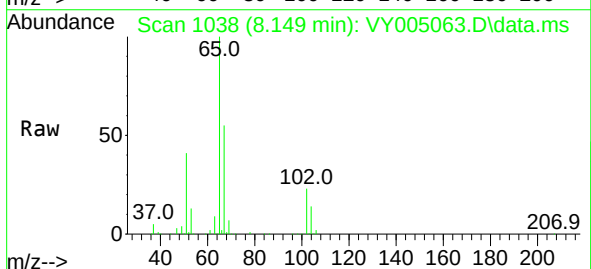
Instrument :
MSVOA_Y
ClientSampleId :



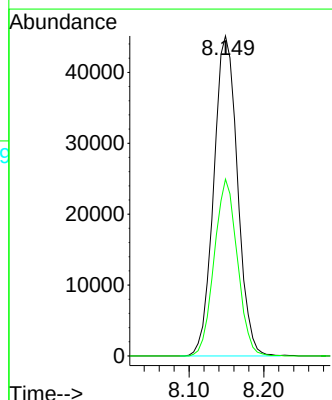
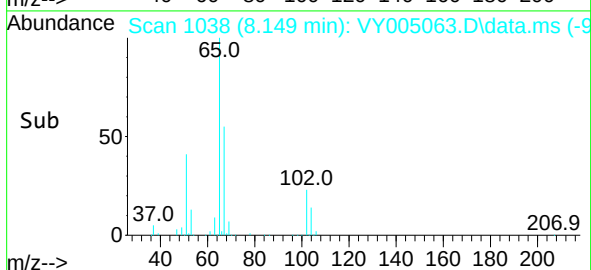
Tgt Ion: 56 Resp: 4031
Ion Ratio Lower Upper
56 100
69 129.4 25.3 37.9#
84 131.0 66.2 99.4#

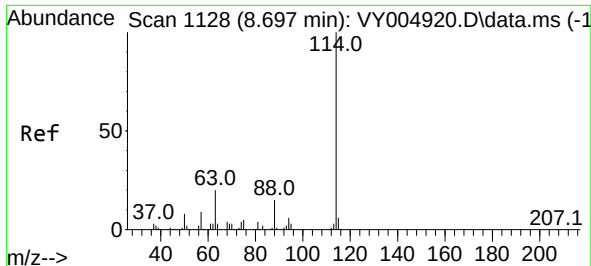


#33
1,2-Dichloroethane-d4
Concen: 54.482 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43



Tgt Ion: 65 Resp: 99823
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6

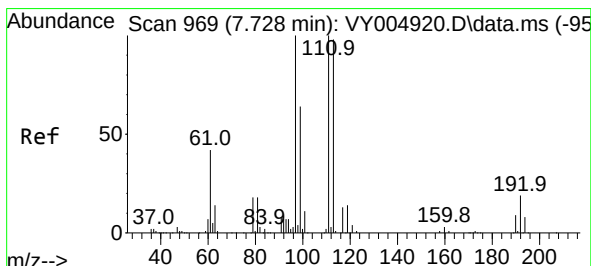
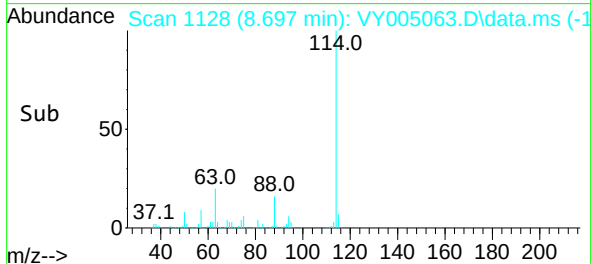
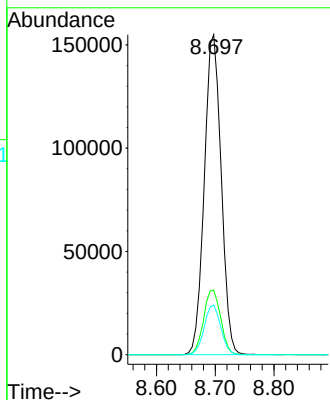
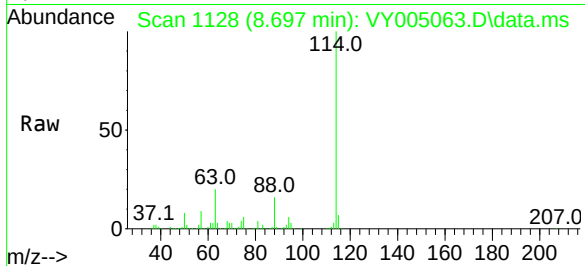




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

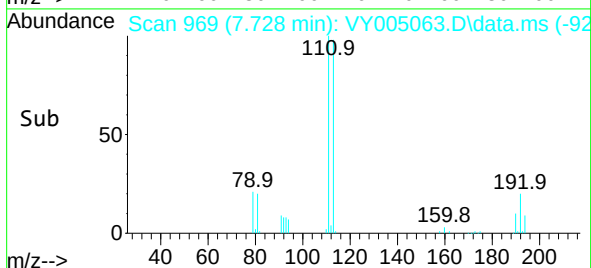
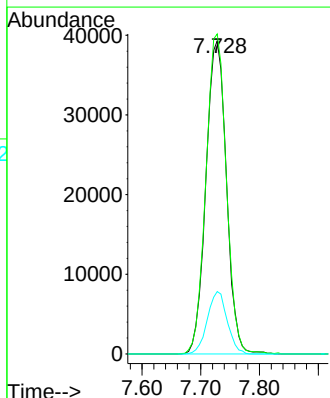
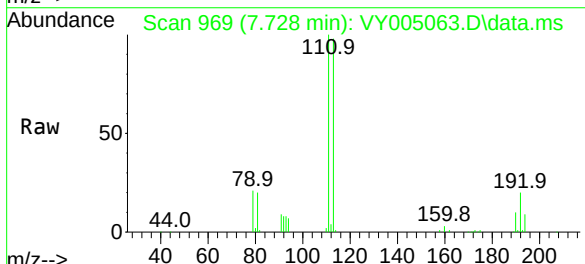
Instrument :
MSVOA_Y
ClientSampleId :

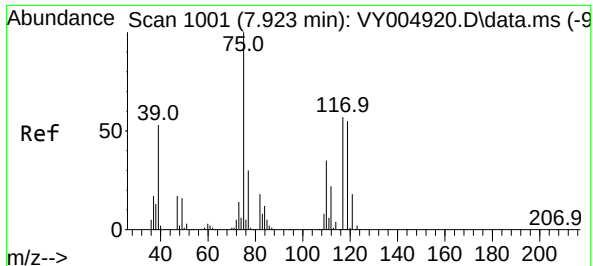
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	41.0
88	15.5	0.0	30.6



#35
Dibromofluoromethane
Concen: 57.252 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

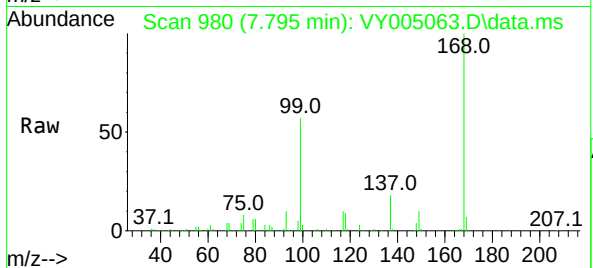
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.8	122.8
192	19.3	15.3	22.9



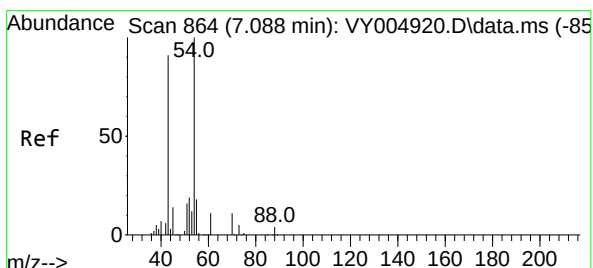
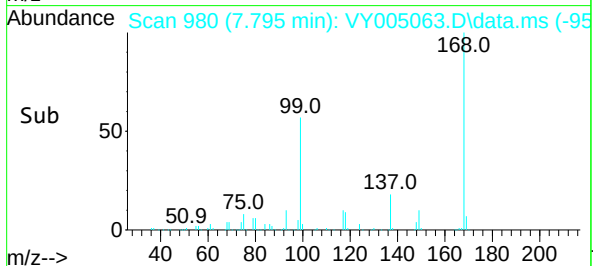
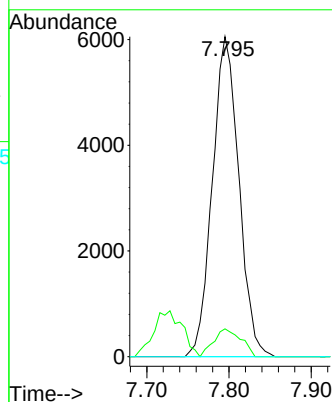


#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

Instrument :
MSVOA_Y
ClientSampleId :

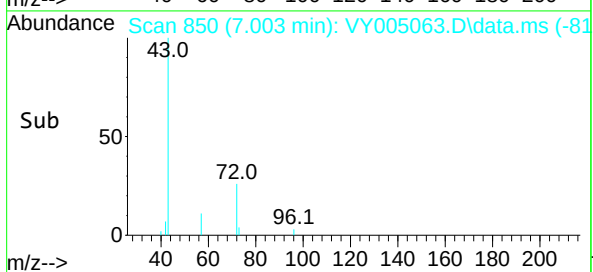
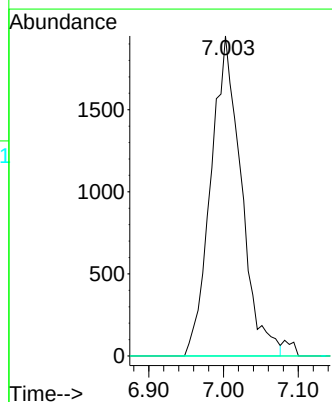
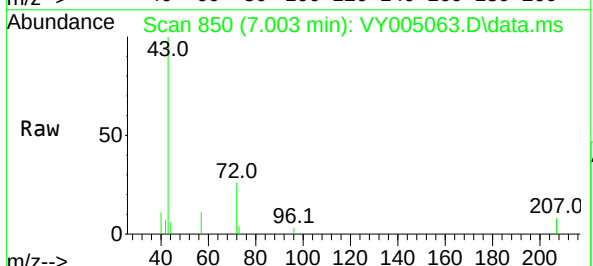


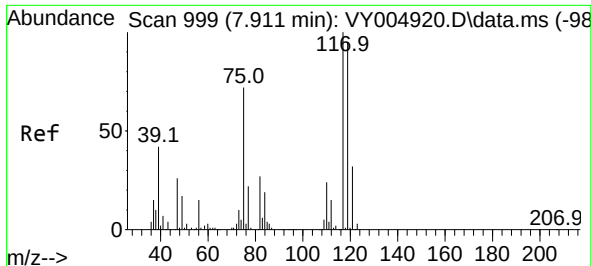
Tgt Ion: 75 Resp: 13554
Ion Ratio Lower Upper
75 100
110 8.9 17.5 52.5#
77 0.0 25.1 37.7#



#37
Ethyl Acetate
Concen: 2.773 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

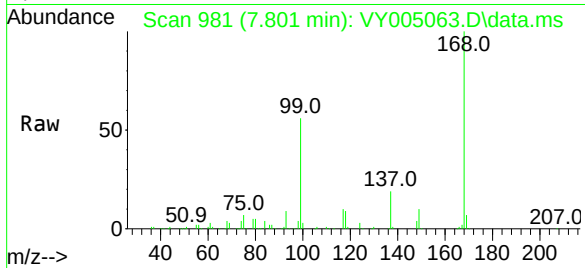
Tgt Ion: 43 Resp: 5516
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 0.0 7.9 11.9#



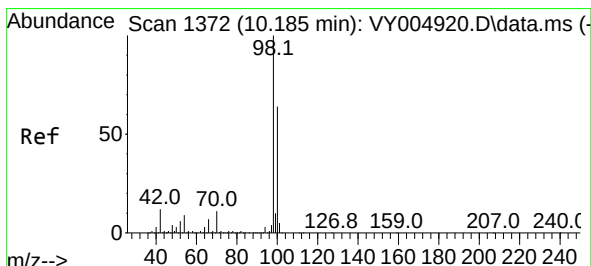
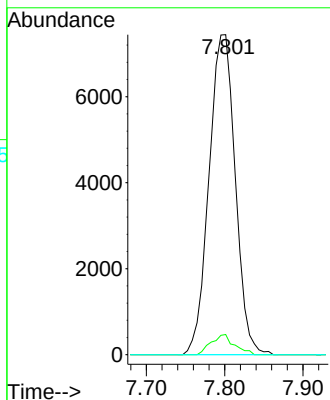
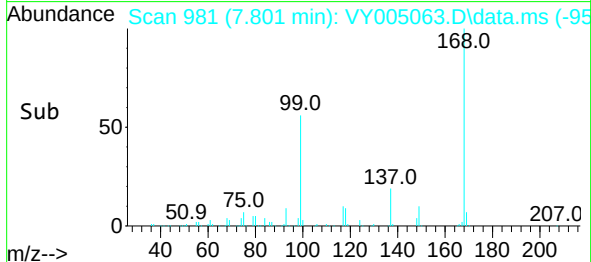


#38
Carbon Tetrachloride
Concen: 6.600 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

Instrument :
MSVOA_Y
ClientSampleId :

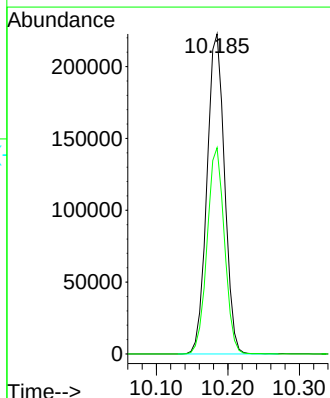
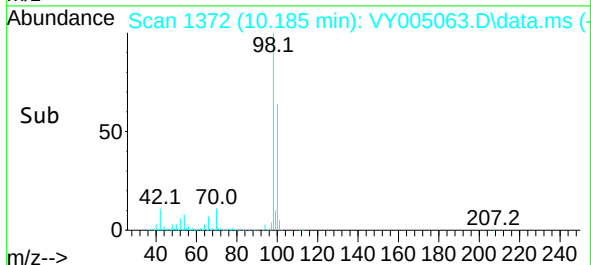
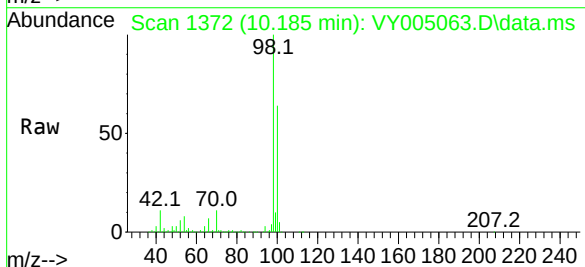


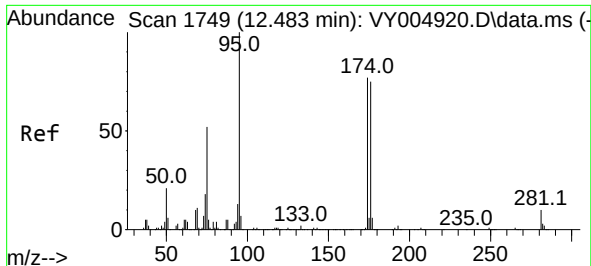
Tgt Ion:117 Resp: 17371
Ion Ratio Lower Upper
117 100
119 6.3 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 55.023 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

Tgt Ion: 98 Resp: 379922
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6

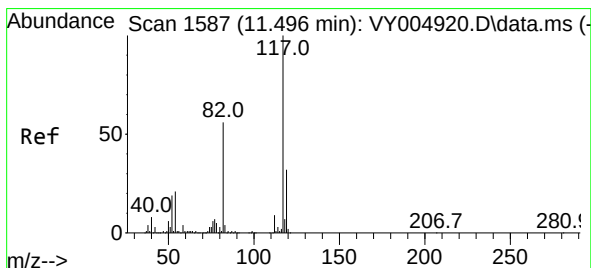
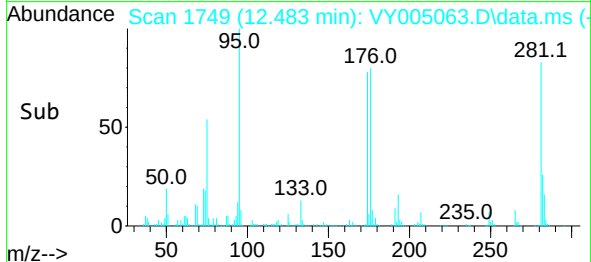
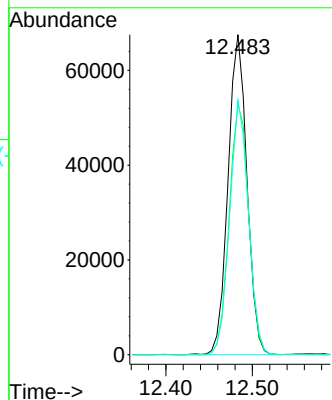
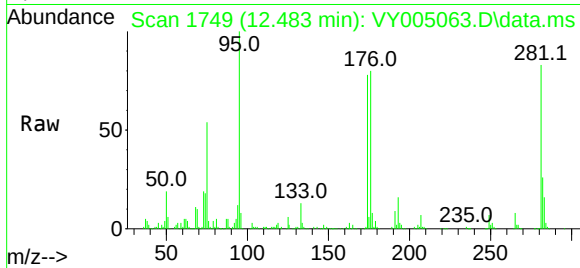




#62
4-Bromofluorobenzene
Concen: 43.113 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

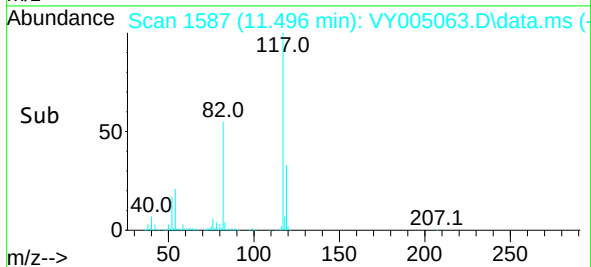
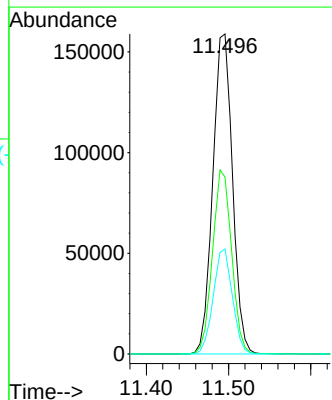
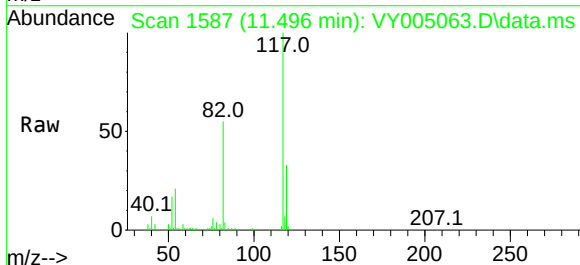
Instrument :
MSVOA_Y
ClientSampleId :

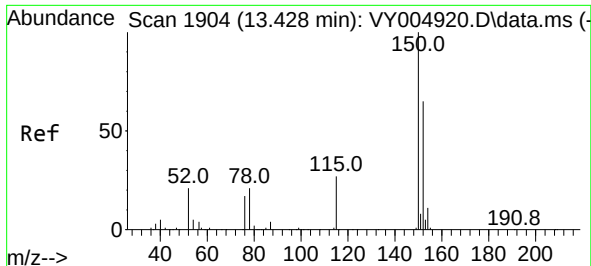
Tgt Ion: 95 Resp: 102379
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.8
176 79.1 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

Tgt Ion: 117 Resp: 263983
Ion Ratio Lower Upper
117 100
82 55.3 44.8 67.2
119 32.8 25.2 37.8

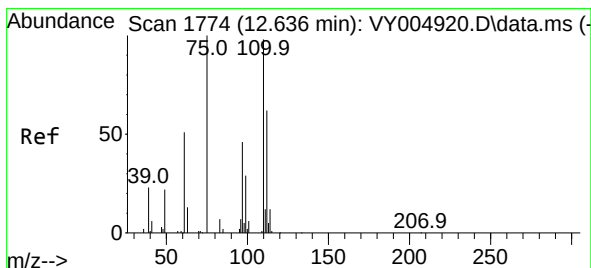
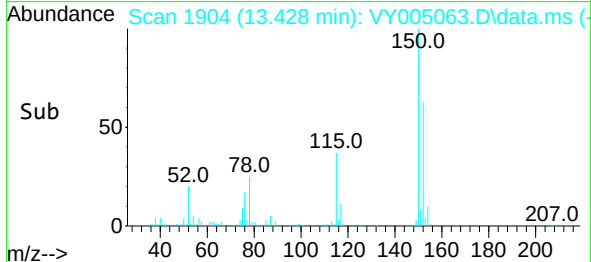
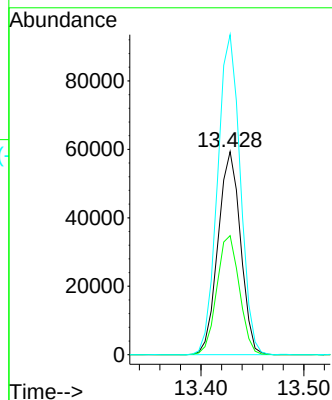
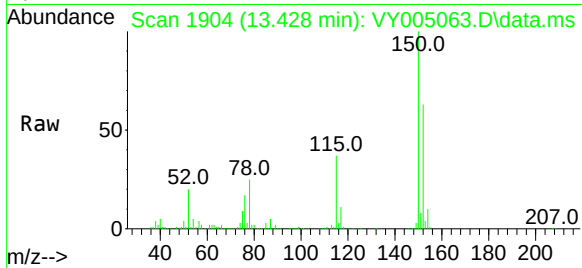




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

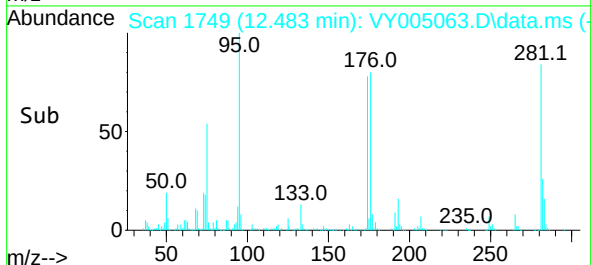
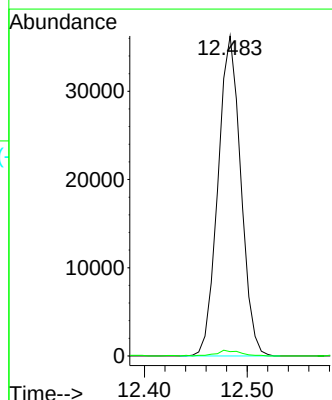
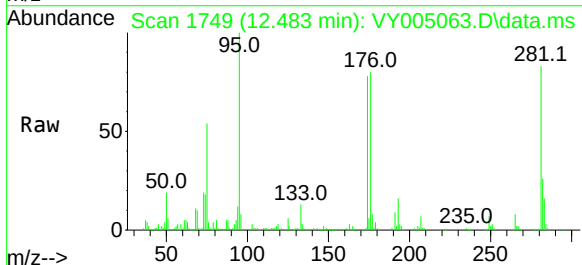
Instrument :
MSVOA_Y
ClientSampleId :

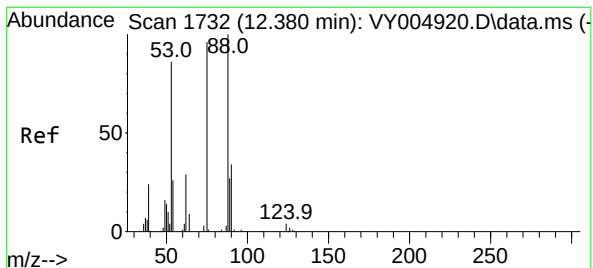
Tgt Ion:152 Resp: 90214
Ion Ratio Lower Upper
152 100
115 58.7 29.9 89.7
150 159.0 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 56.616 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

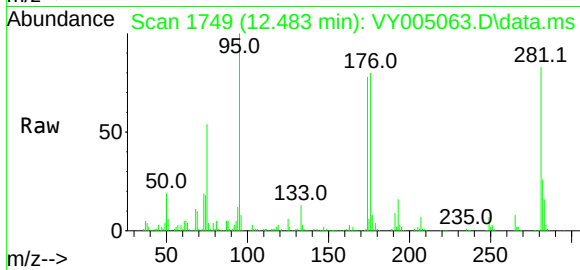
Tgt Ion: 75 Resp: 55989
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 104.048 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005063.D
Acq: 09 Jun 2021 21:43

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 55989
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.0 35.0 52.6#

