

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004520.D
 Acq On : 20 Apr 2021 11:52
 Operator : SY/MD
 Sample : M2076-18
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:49:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

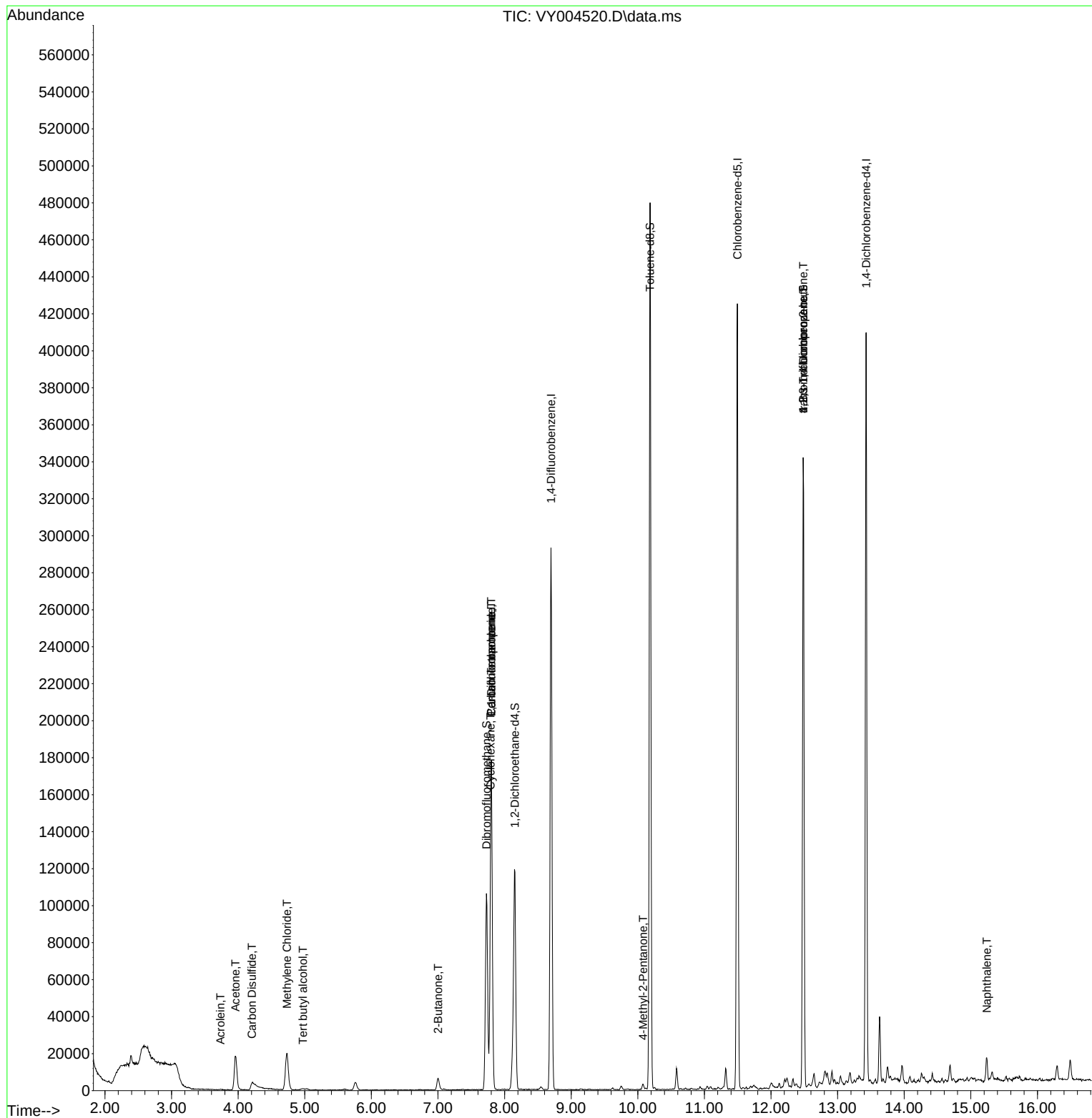
Internal Standards						
1) Pentafluorobenzene	7.801	168	132693	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	236677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	219018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	96909	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	86452	58.64	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.28%
35) Dibromofluoromethane	7.728	113	71795	54.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.32%
50) Toluene-d8	10.185	98	290978	52.08	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.16%
62) 4-Bromofluorobenzene	12.483	95	95834	50.55	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.10%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	1501	10.33	ug/l #	73
13) Acrolein	3.735	56	327	2.02	ug/l #	81
16) Acetone	3.960	43	33403	94.81	ug/l	95
17) Carbon Disulfide	4.204	76	6304	1.59	ug/l	97
20) Methylene Chloride	4.735	84	13937	9.79	ug/l	98
25) 2-Butanone	7.002	43	10787	19.21	ug/l #	89
31) Cyclohexane	7.789	56	3202	1.18	ug/l #	31
36) 1,1-Dichloropropene	7.801	75	10887	4.63	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13377	6.58	ug/l #	17
51) 4-Methyl-2-Pentanone	10.081	43	2243	1.52	ug/l	89
76) 1,2,3-Trichloropropane	12.483	75	53382	51.32	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53382	91.81	ug/l #	12
95) Naphthalene	15.239	128	10694	2.67	ug/l	98

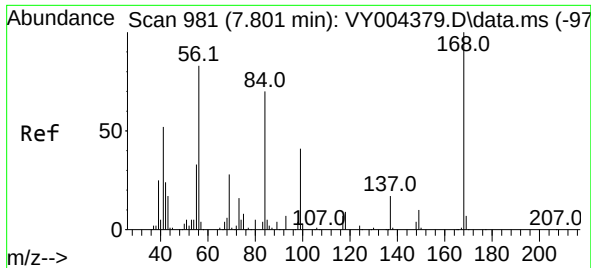
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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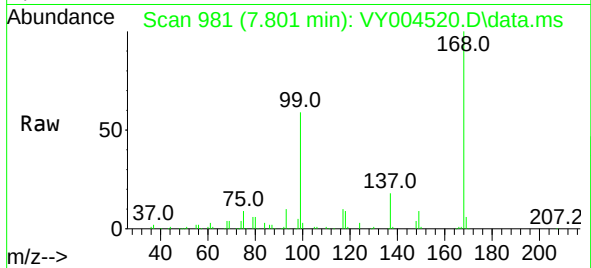
Quant Time: Apr 21 08:49:14 2021
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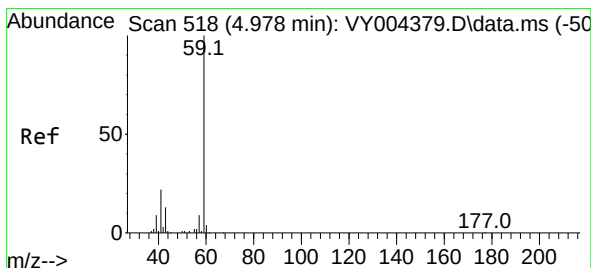
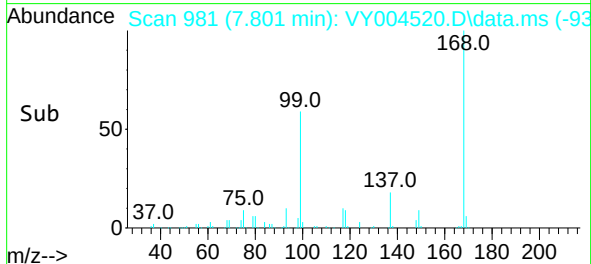
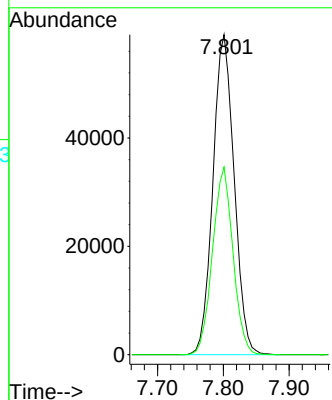


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Instrument :
MSVOA_Y
ClientSampled :

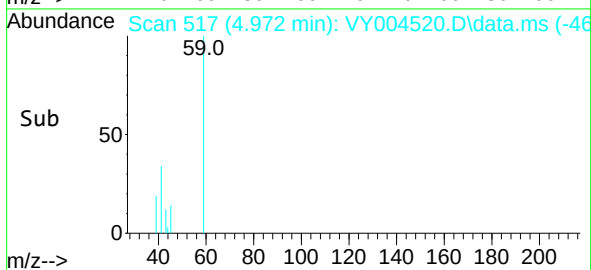
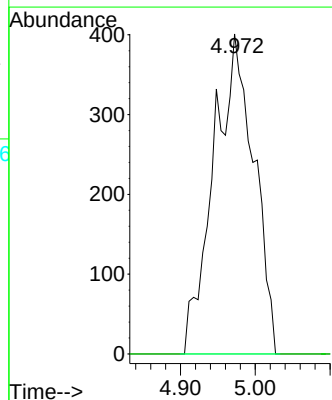
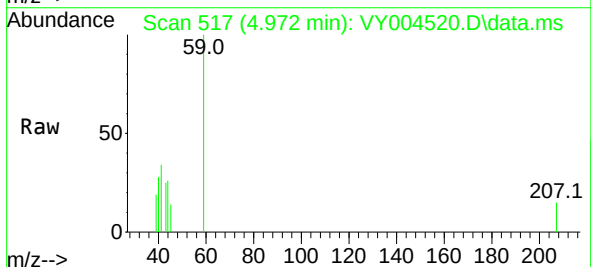


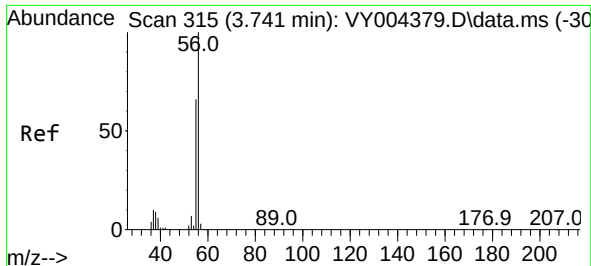
Tgt Ion:168 Resp: 132693
Ion Ratio Lower Upper
168 100
99 58.6 45.5 68.3



#11
Tert butyl alcohol
Concen: 10.33 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 59 Resp: 1501
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

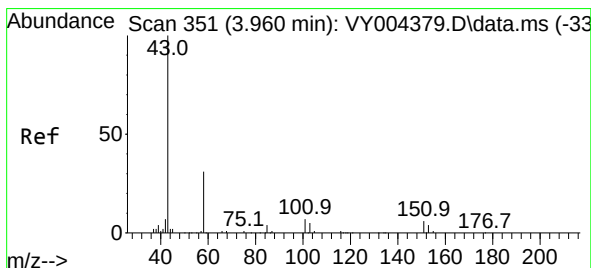
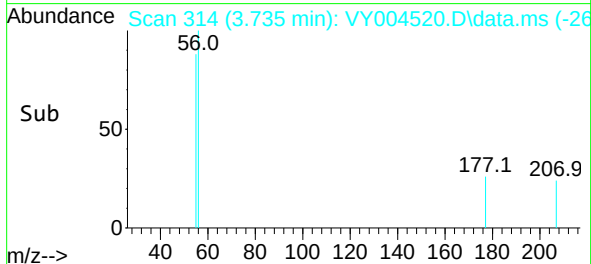
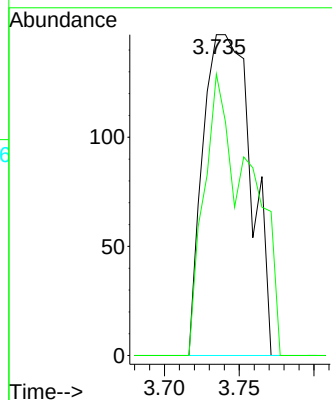
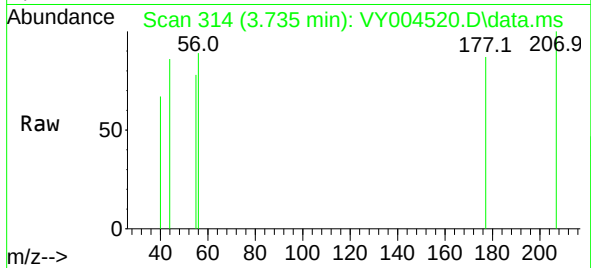




#13
Acrolein
Concen: 2.02 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

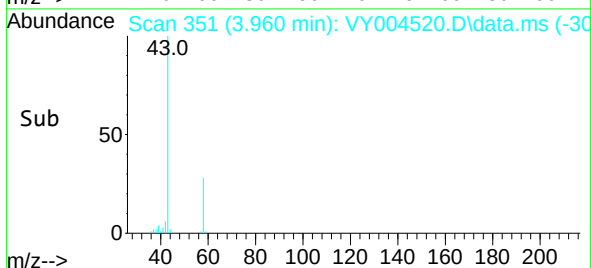
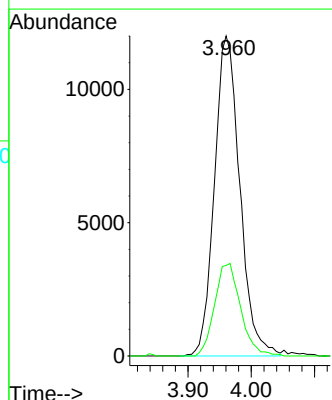
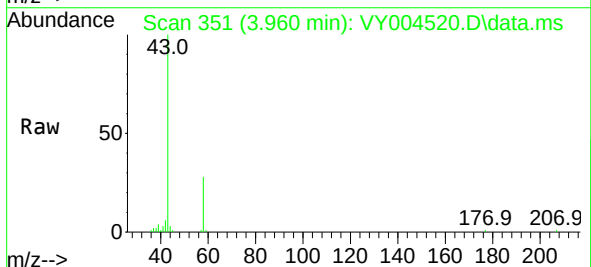
Instrument :
MSVOA_Y
ClientSampled :

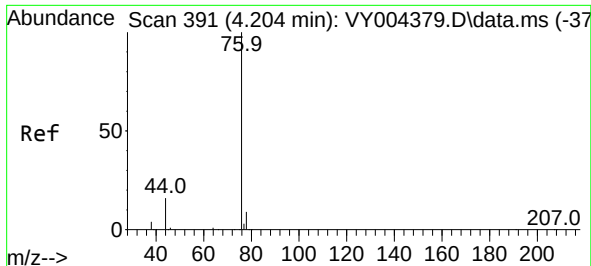
Tgt Ion: 56 Resp: 327
Ion Ratio Lower Upper
56 100
55 84.7 55.4 83.2#



#16
Acetone
Concen: 94.81 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

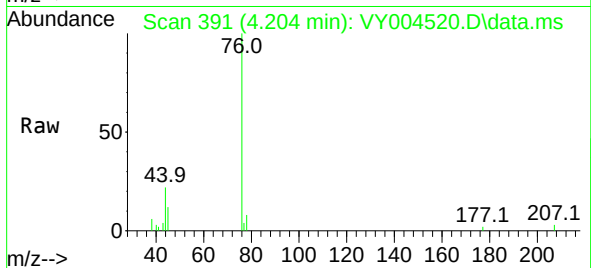
Tgt Ion: 43 Resp: 33403
Ion Ratio Lower Upper
43 100
58 28.3 24.6 37.0



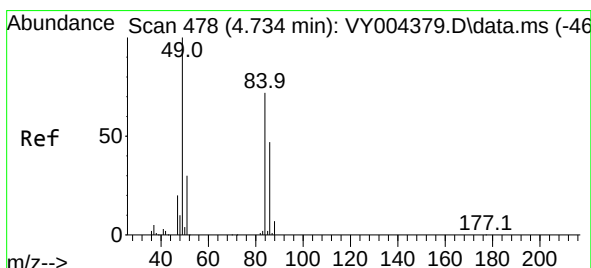
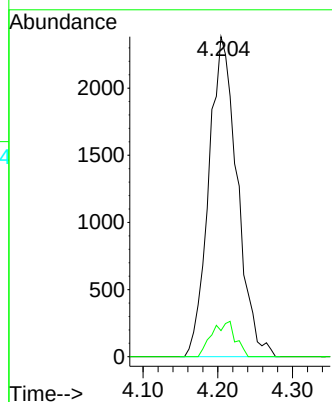
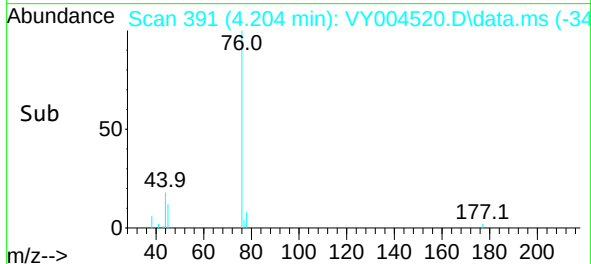


#17
Carbon Disulfide
Concen: 1.59 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

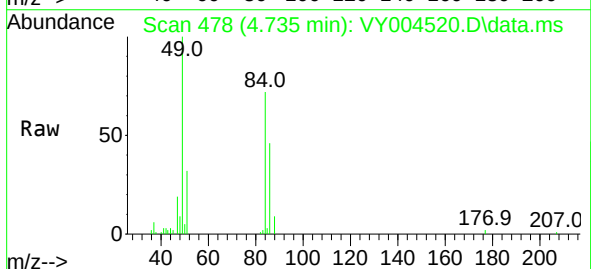
Instrument :
MSVOA_Y
ClientSampled :



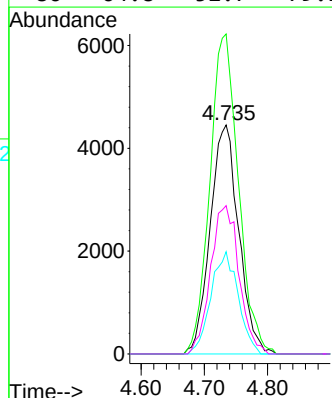
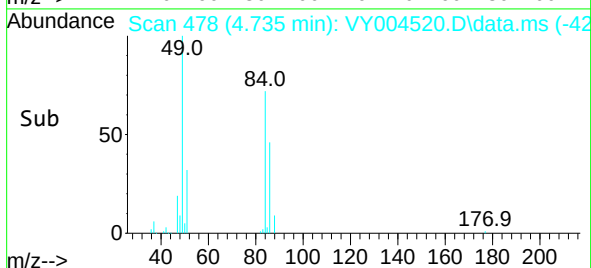
Tgt Ion: 76 Resp: 6304
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.2

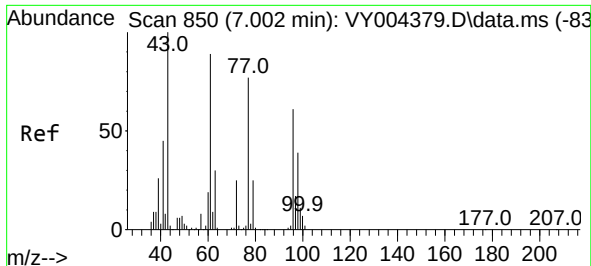


#20
Methylene Chloride
Concen: 9.79 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52



Tgt Ion: 84 Resp: 13937
Ion Ratio Lower Upper
84 100
49 139.8 111.2 166.8
51 44.7 33.4 50.2
86 64.8 52.7 79.1

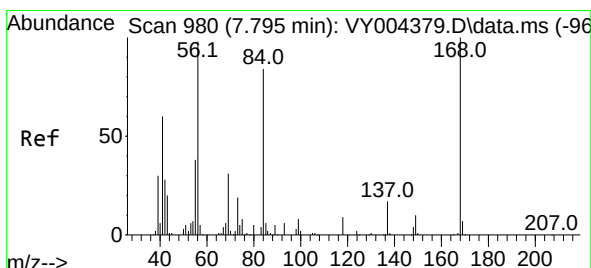
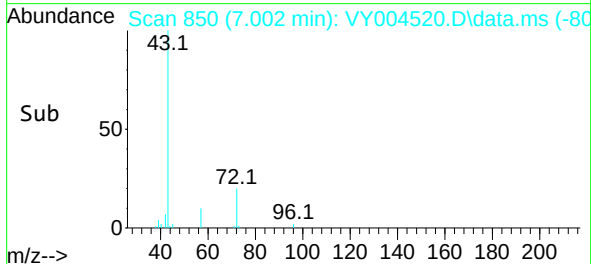
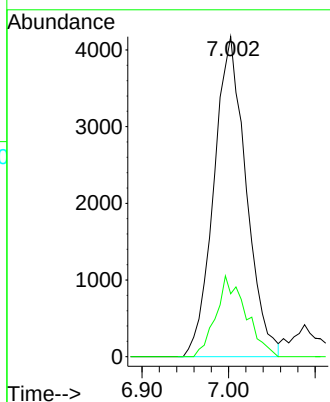
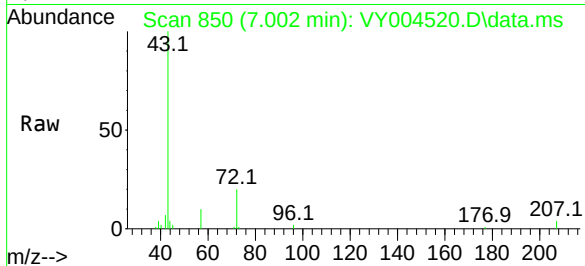




#25
2-Butanone
Concen: 19.21 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

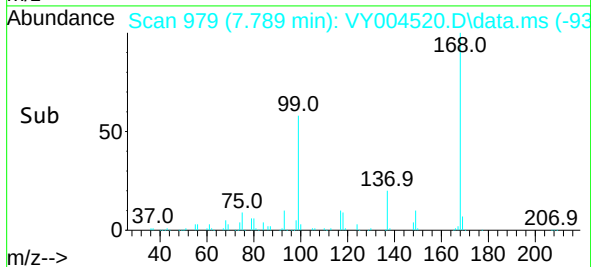
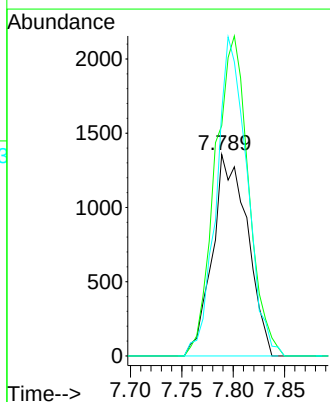
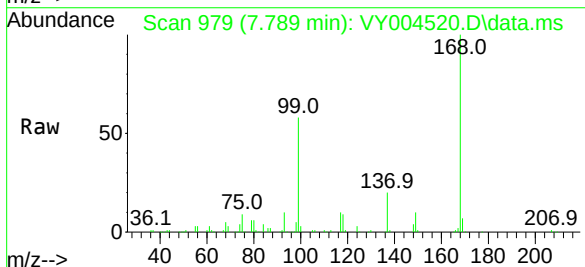
Instrument :
MSVOA_Y
ClientSampled :

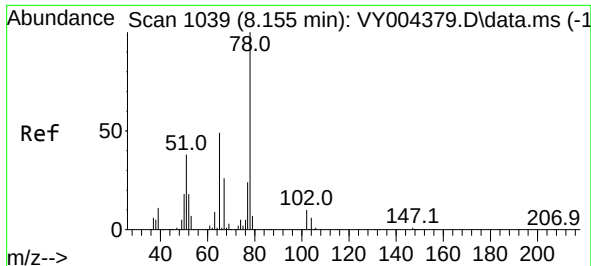
Tgt Ion: 43 Resp: 10787
Ion Ratio Lower Upper
43 100
72 19.7 20.2 30.2#



#31
Cyclohexane
Concen: 1.18 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 56 Resp: 3202
Ion Ratio Lower Upper
56 100
69 114.4 25.8 38.6#
84 121.3 68.2 102.4#

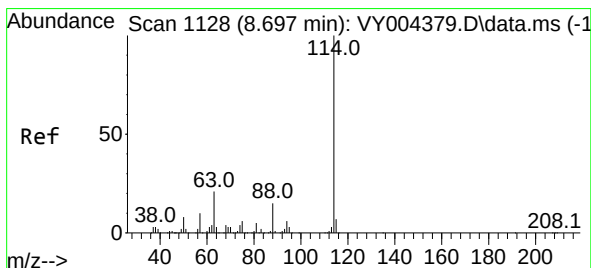
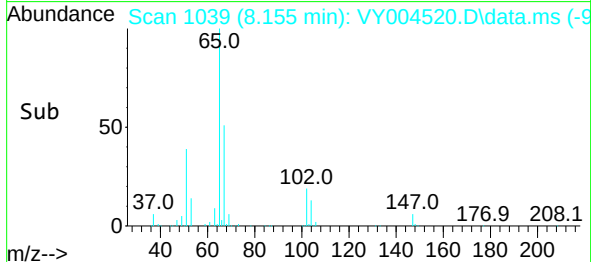
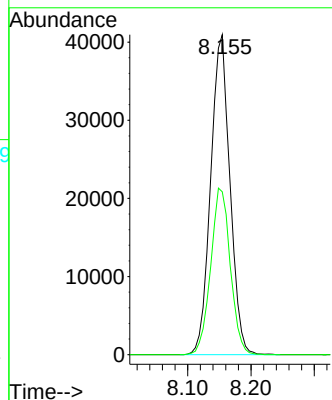
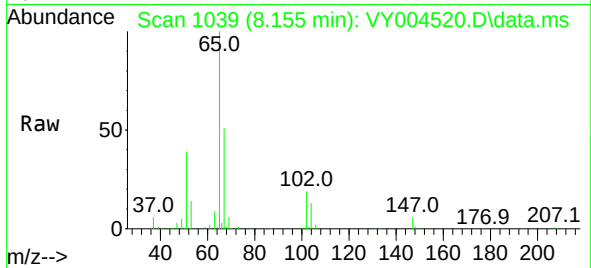




#33
 1,2-Dichloroethane-d4
 Concen: 58.64 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY004520.D
 Acq: 20 Apr 2021 11:52

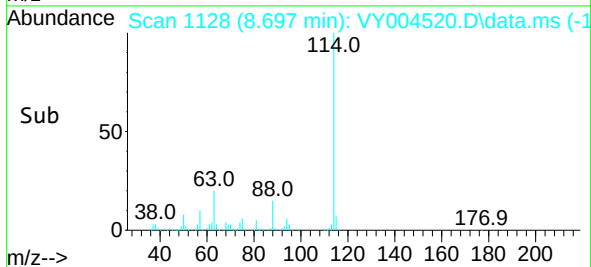
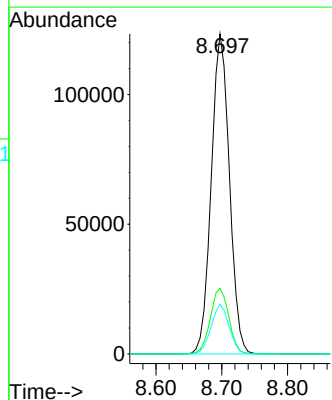
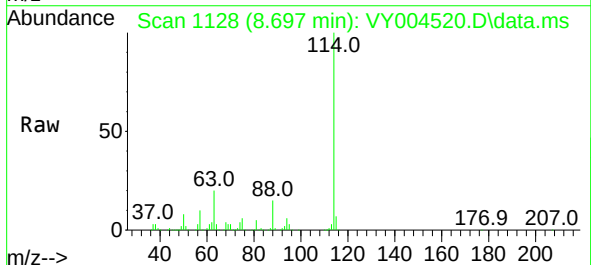
Instrument :
 MSVOA_Y
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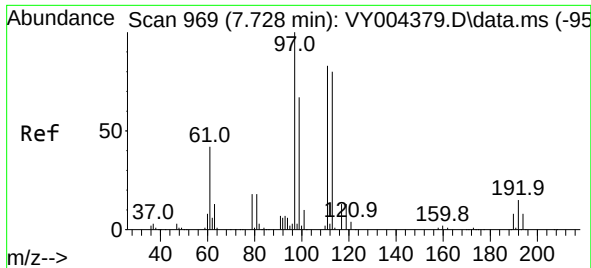
Tgt Ion: 65 Resp: 86452
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004520.D
 Acq: 20 Apr 2021 11:52

Tgt Ion:114 Resp: 236677
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 42.4
 88 15.4 0.0 30.8

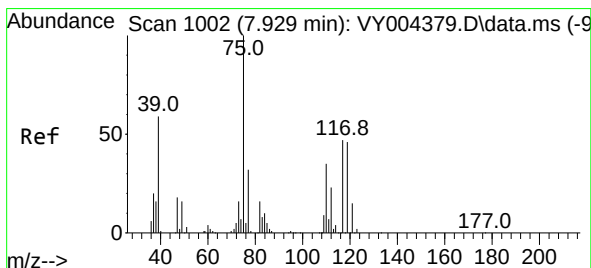
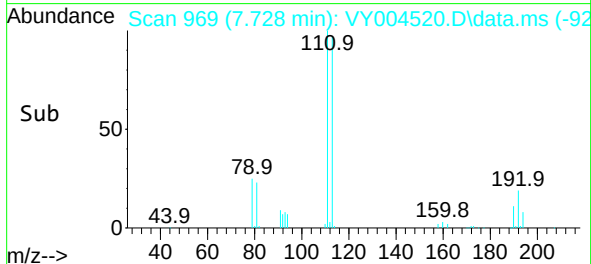
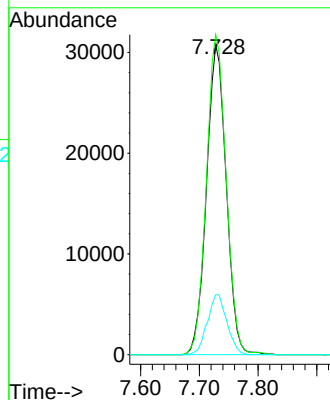
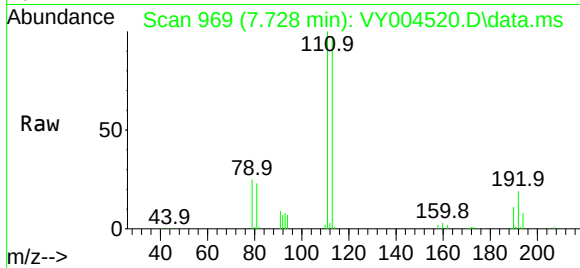




#35
Dibromofluoromethane
Concen: 54.66 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

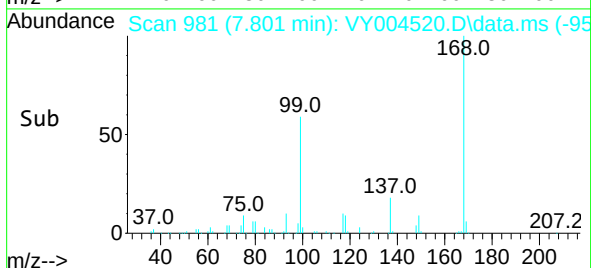
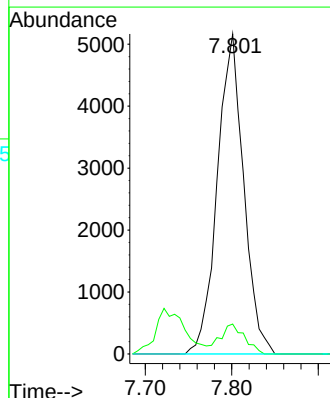
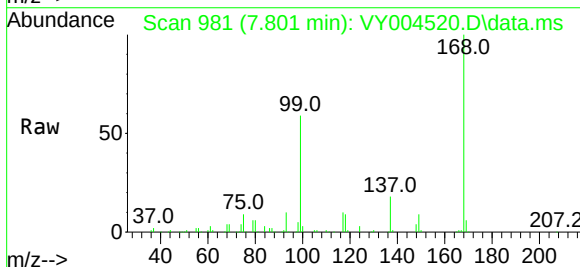
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MSVOA_Y
ClientSampleId :

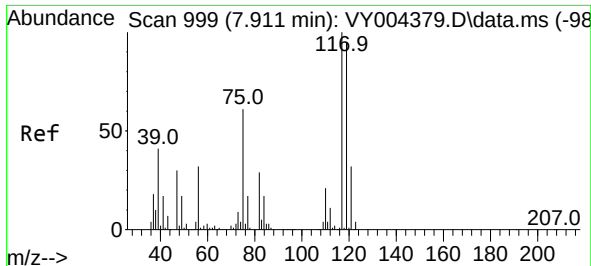
Tgt Ion:	113	Resp:	71795
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	123.8
192	19.2	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

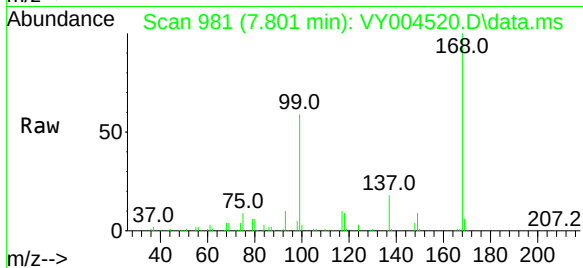
Tgt Ion:	75	Resp:	10887
Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.3	51.7#
77	0.0	24.3	36.5#



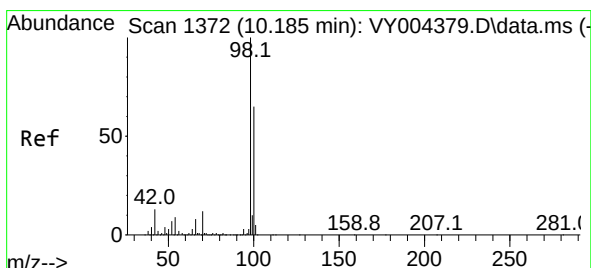
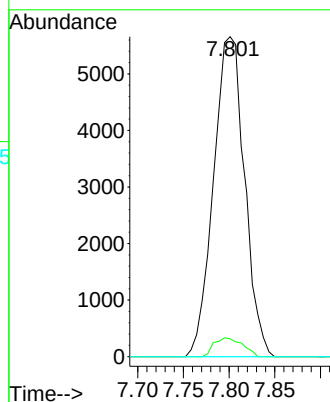
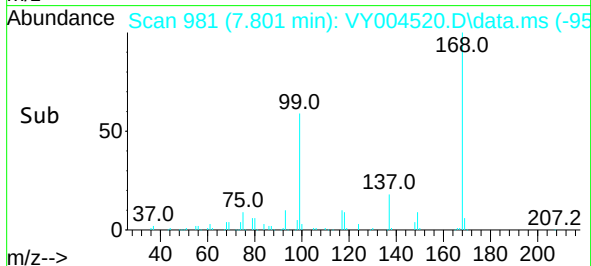


#38
Carbon Tetrachloride
Concen: 6.58 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

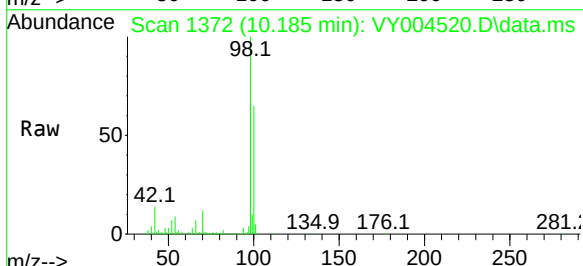
Instrument :
MSVOA_Y
ClientSampleId :



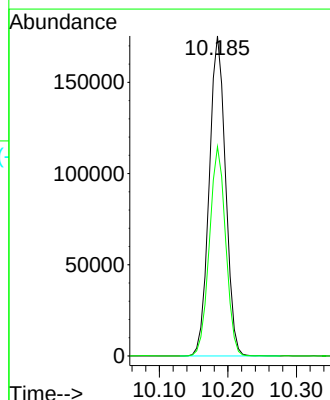
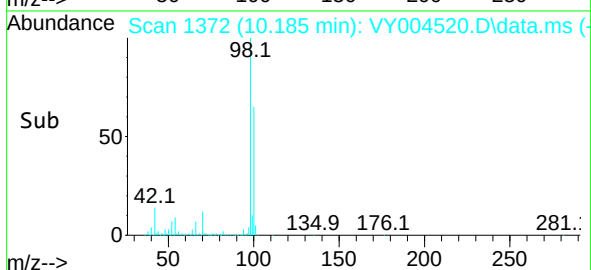
Tgt Ion:117 Resp: 13377
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 25.3 37.9#

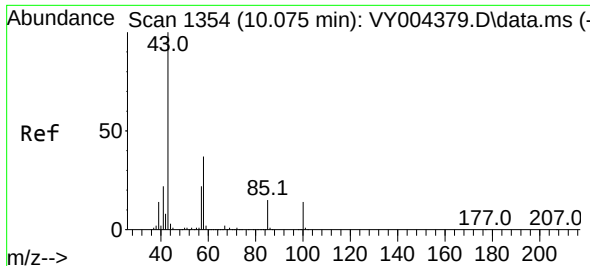


#50
Toluene-d8
Concen: 52.08 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52



Tgt Ion: 98 Resp: 290978
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6

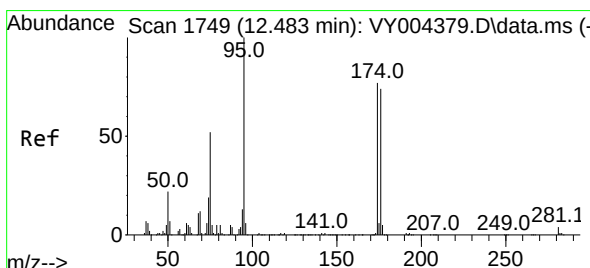
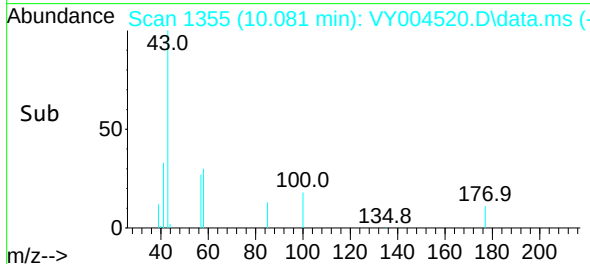
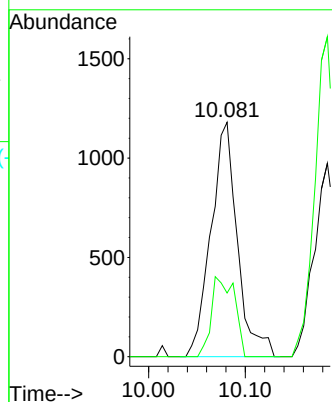
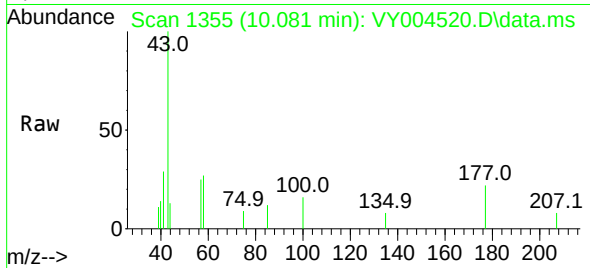




#51
4-Methyl-2-Pentanone
Concen: 1.52 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

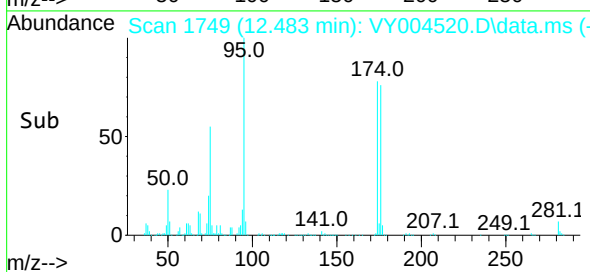
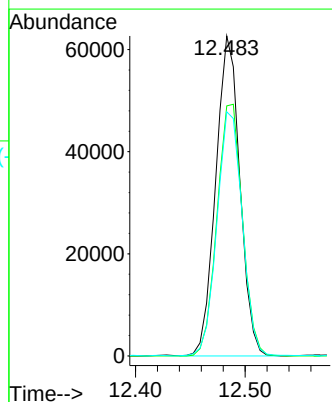
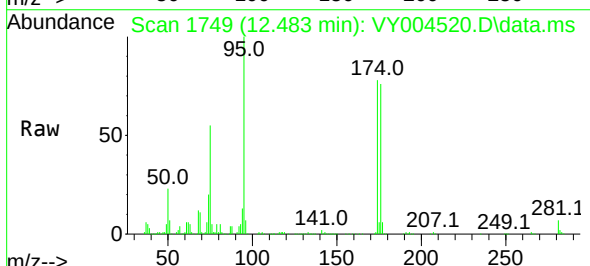
Instrument :
MSVOA_Y
ClientSampled :

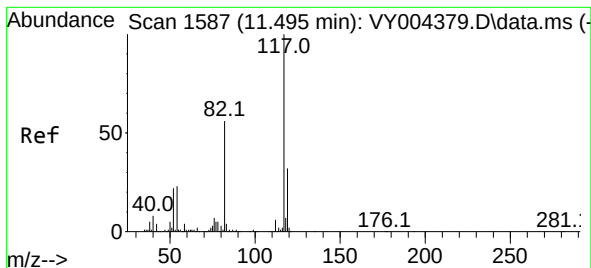
Tgt Ion: 43 Resp: 2243
Ion Ratio Lower Upper
43 100
58 29.7 29.2 43.8



#62
4-Bromofluorobenzene
Concen: 50.55 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 95 Resp: 95834
Ion Ratio Lower Upper
95 100
174 82.6 0.0 162.4
176 80.2 0.0 156.0

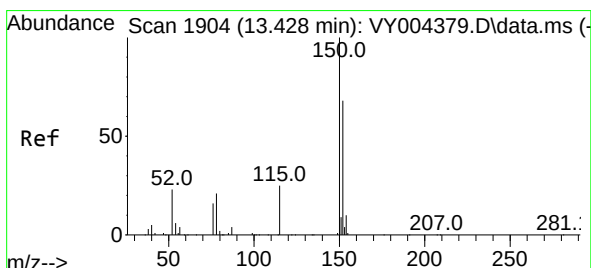
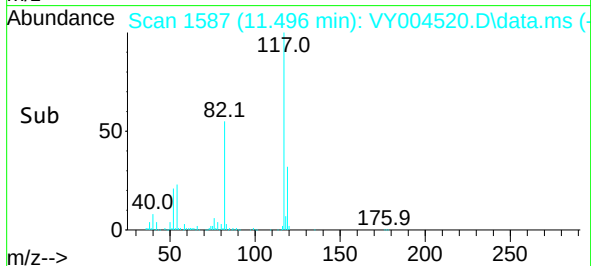
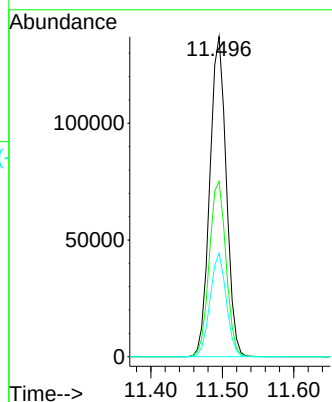
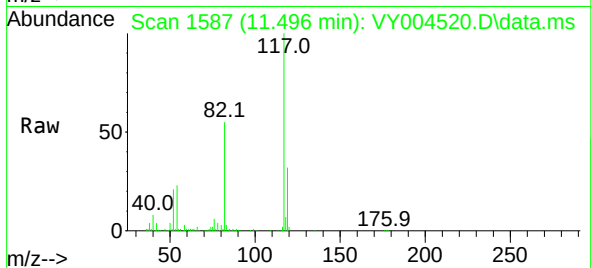




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

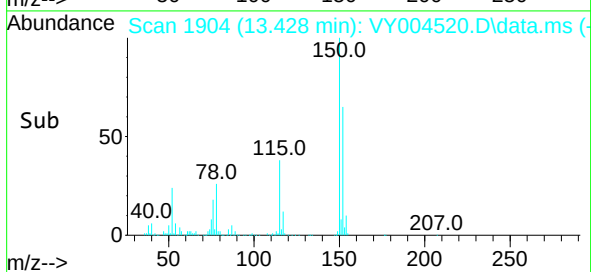
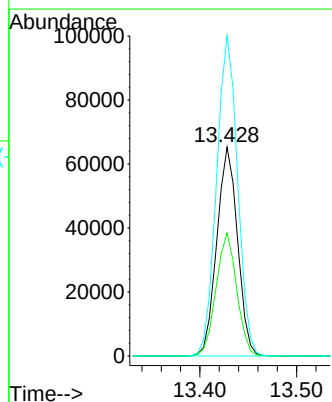
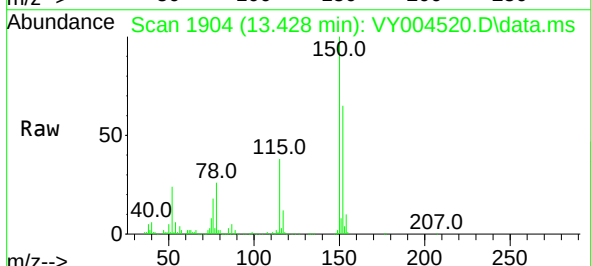
Instrument :
MSVOA_Y
ClientSampleId :

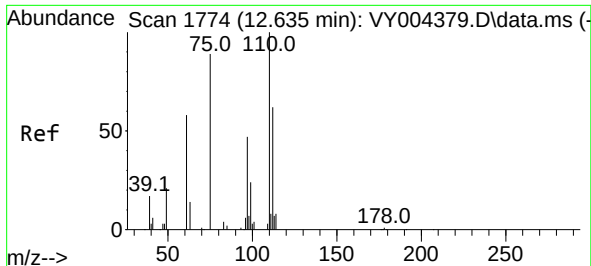
Tgt Ion:117 Resp: 219018
Ion Ratio Lower Upper
117 100
82 54.8 44.9 67.3
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Tgt Ion:152 Resp: 96909
Ion Ratio Lower Upper
152 100
115 58.7 29.6 88.8
150 155.6 0.0 348.4

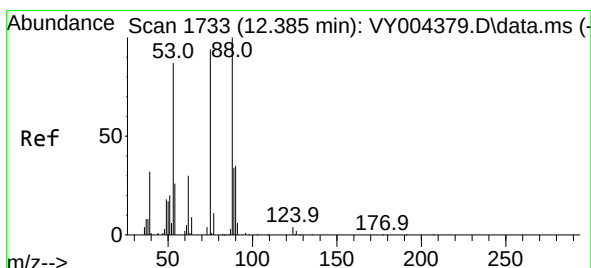
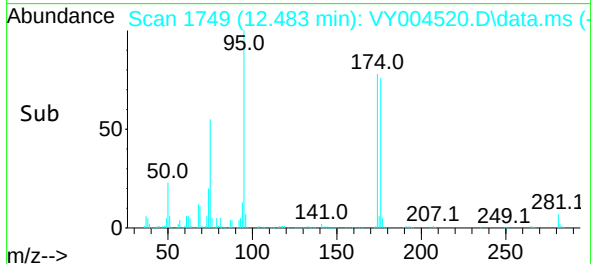
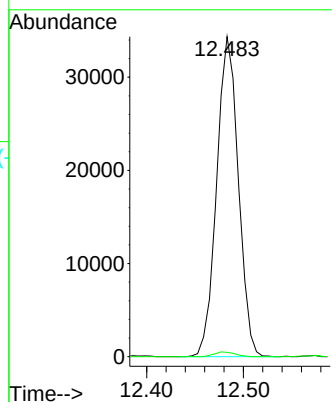
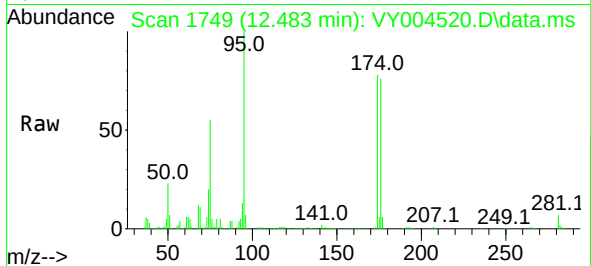




#76
1,2,3-Trichloropropane
Concen: 51.32 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

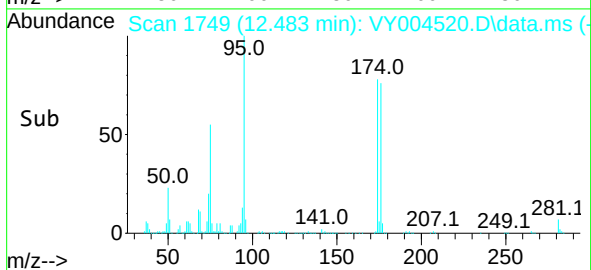
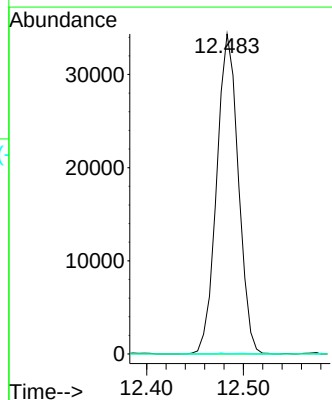
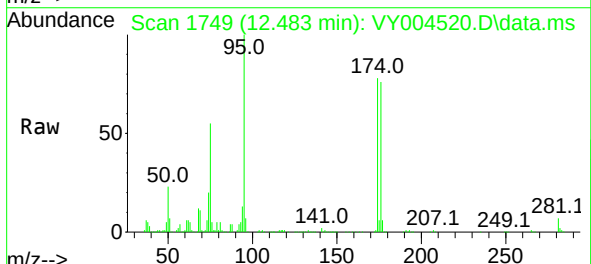
Instrument :
MSVOA_Y
ClientSampled :

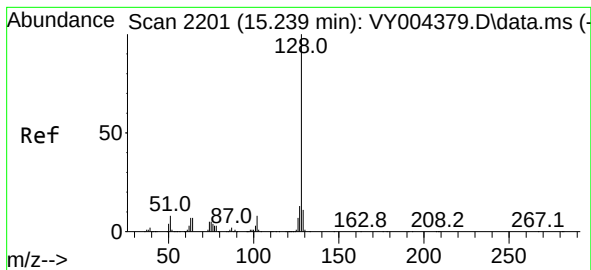
Tgt Ion: 75 Resp: 53382
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.81 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Tgt Ion: 75 Resp: 53382
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 0.1 36.1 54.1#





#95
Naphthalene
Concen: 2.67 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004520.D
Acq: 20 Apr 2021 11:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 10694
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 12.1 8.8 13.2

