

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021121\
 Data File : VY004007.D
 Acq On : 11 Feb 2021 17:33
 Operator : SY/MD
 Sample : M1363-05RE
 Misc : 4.47g/5mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 12 00:11:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

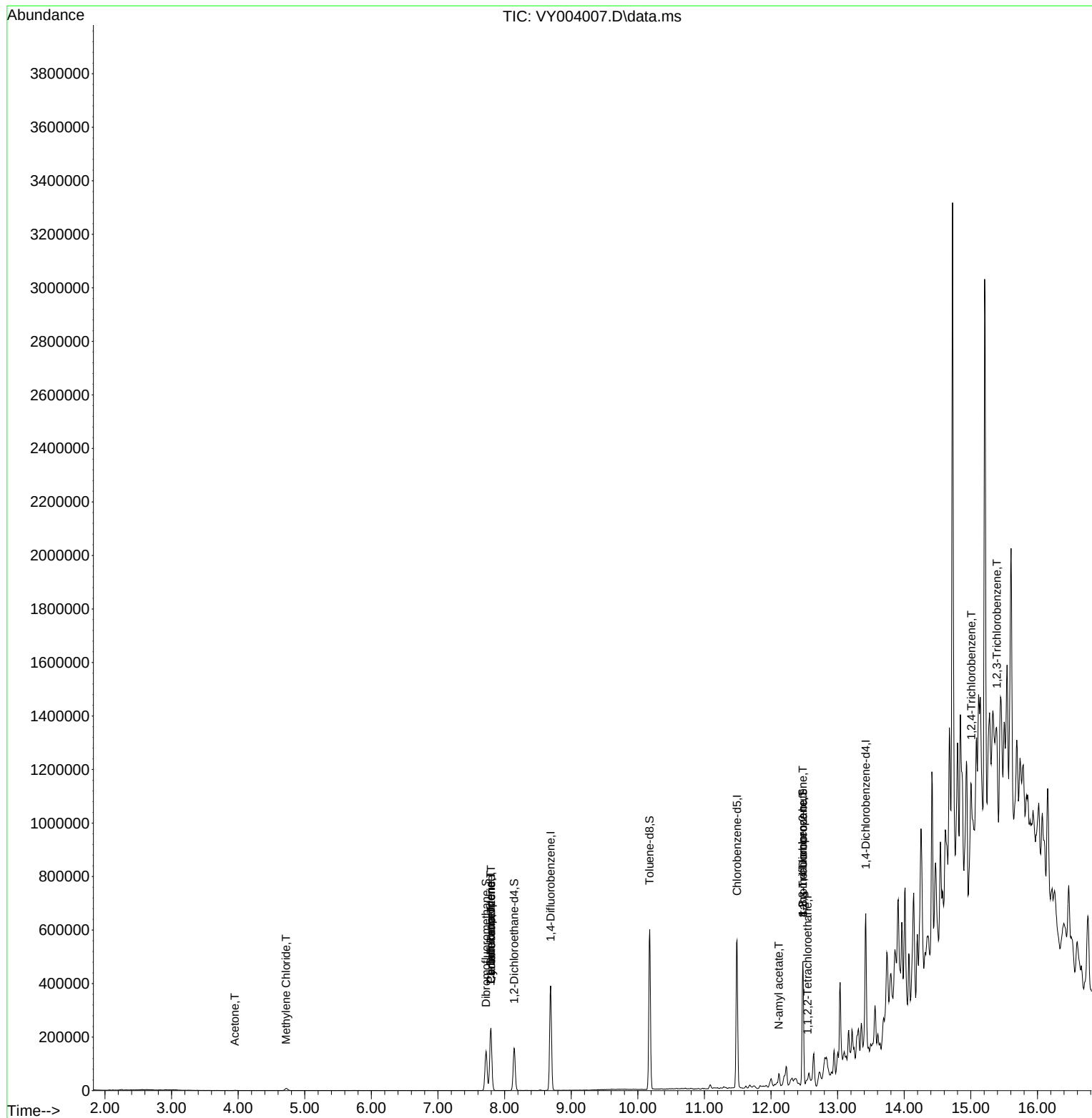
Internal Standards						
1) Pentafluorobenzene	7.795	168	181580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	320764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	293345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	134471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	124696	62.45	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.90%			
35) Dibromofluoromethane	7.722	113	100358	53.51	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.02%			
50) Toluene-d8	10.179	98	381022	51.77	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.54%			
62) 4-Bromofluorobenzene	12.477	95	135103	50.36	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.72%			
Target Compounds						
11) Tert butyl alcohol	4.954	59	197	Below Cal	#	77
16) Acetone	3.948	43	1187	2.42	ug/l #	70
20) Methylene Chloride	4.716	84	5978	2.87	ug/l	86
31) Cyclohexane	7.795	56	3867	1.15	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14418	4.44	ug/l #	50
38) Carbon Tetrachloride	7.795	117	17529	5.00	ug/l #	16
74) N-amyl acetate	12.117	43	11811	4.17	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.550	83	3463	1.98	ug/l #	28
76) 1,2,3-Trichloropropane	12.477	75	72948	53.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	72948	102.92	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.007	180	3279	1.18	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.391	180	20374	8.53	ug/l #	29

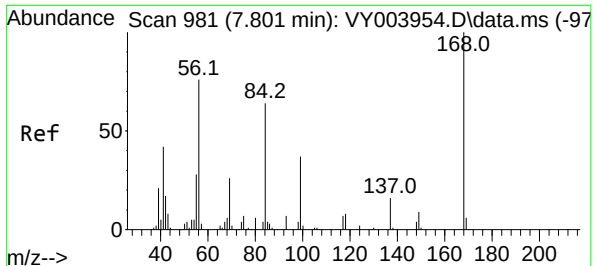
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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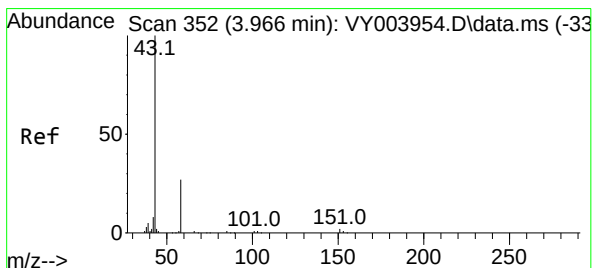
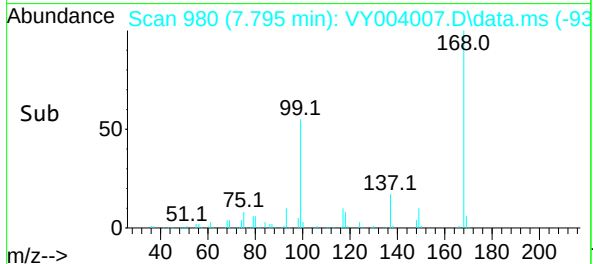
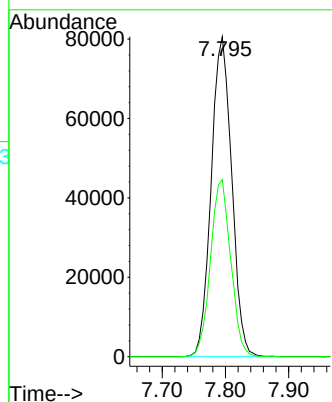
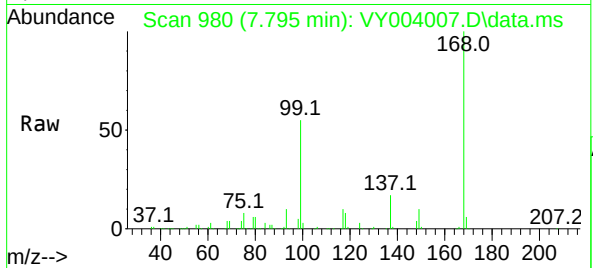




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

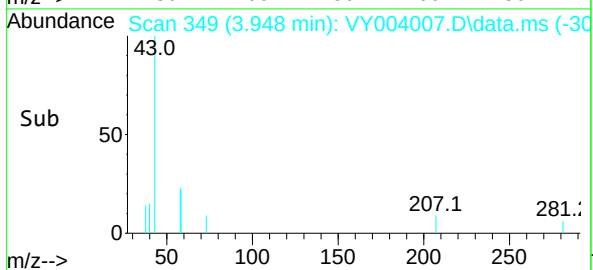
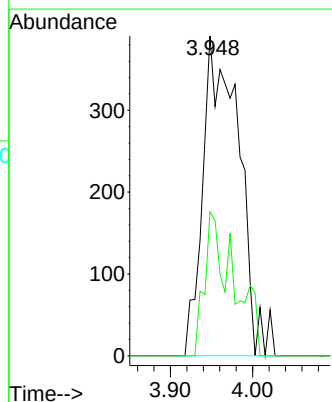
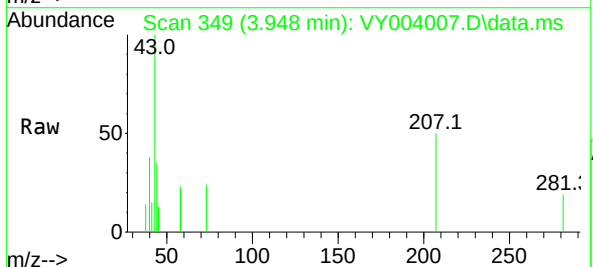
Instrument :
MSVOA_Y
ClientSampled :

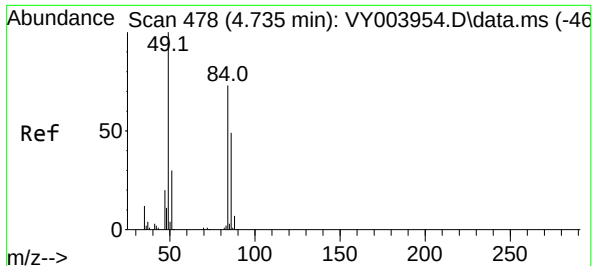
Tgt Ion:168 Resp: 181580
Ion Ratio Lower Upper
168 100
99 55.3 46.1 69.1



#16
Acetone
Concen: 2.42 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.018 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

Tgt Ion: 43 Resp: 1187
Ion Ratio Lower Upper
43 100
58 45.0 23.4 35.0#





#20

Methylene Chloride

Concen: 2.87 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.018 min

Lab File: VY004007.D

Acq: 11 Feb 2021 17:33

Tgt Ion: 84 Resp: 5978

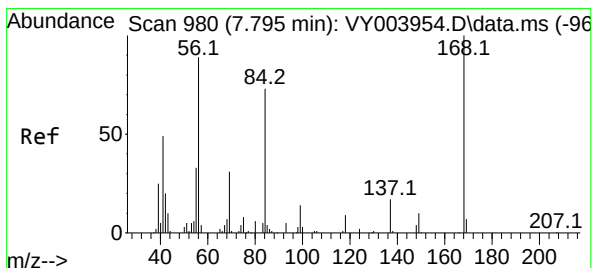
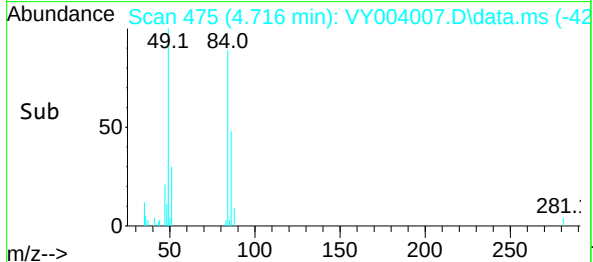
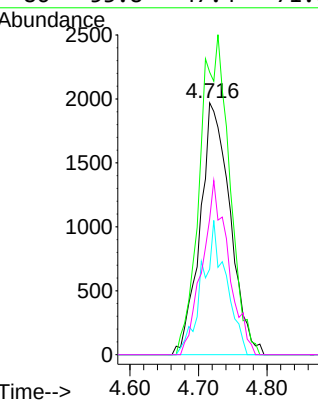
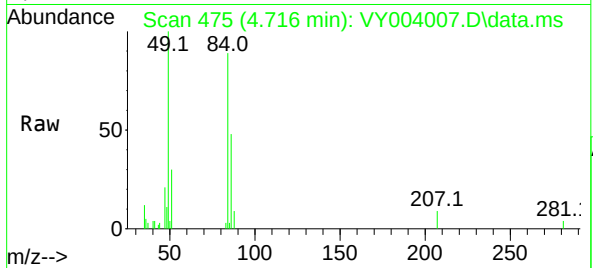
Ion Ratio Lower Upper

84 100

49 112.2 107.0 160.4

51 34.0 31.9 47.9

86 53.8 47.4 71.0



#31

Cyclohexane

Concen: 1.15 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY004007.D

Acq: 11 Feb 2021 17:33

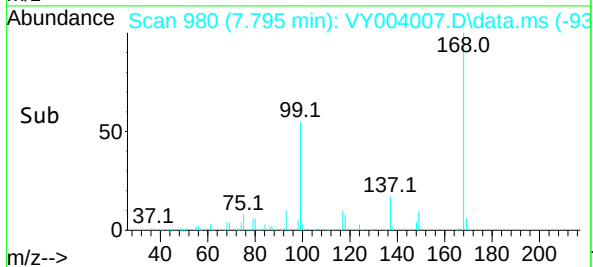
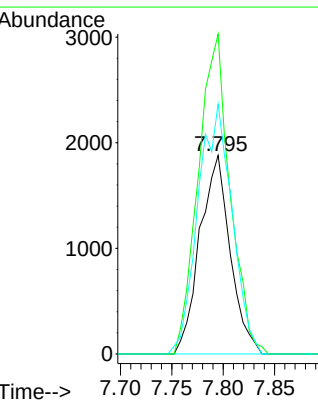
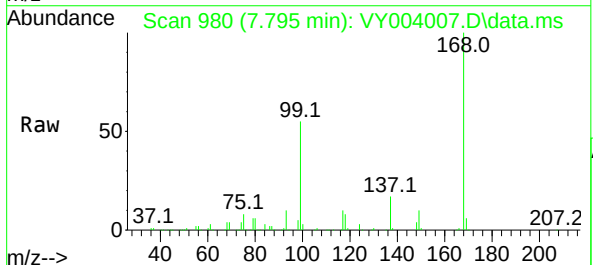
Tgt Ion: 56 Resp: 3867

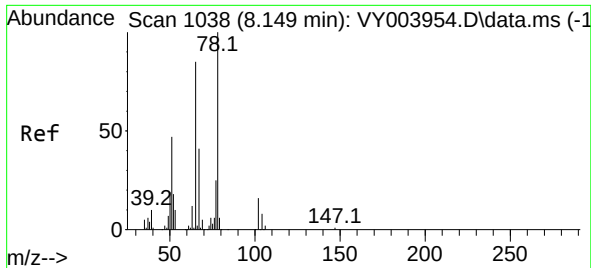
Ion Ratio Lower Upper

56 100

69 161.2 25.0 37.4#

84 126.0 64.5 96.7#

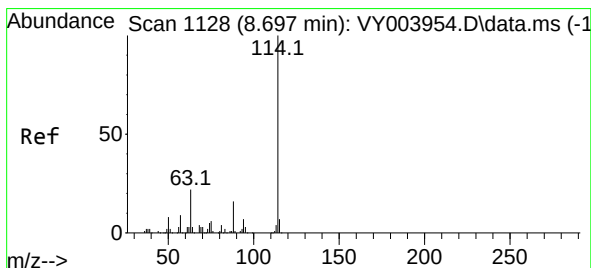
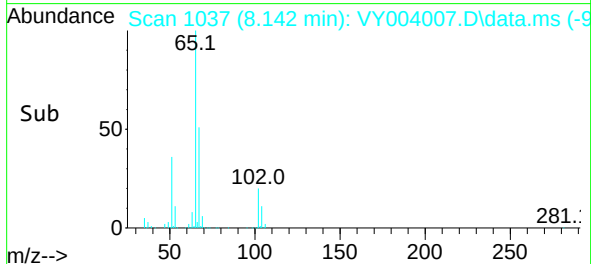
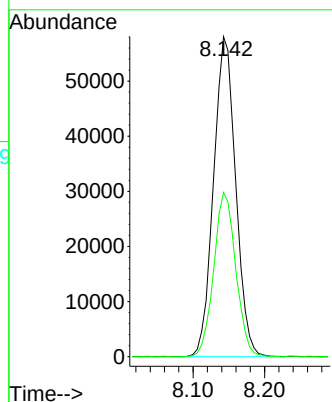
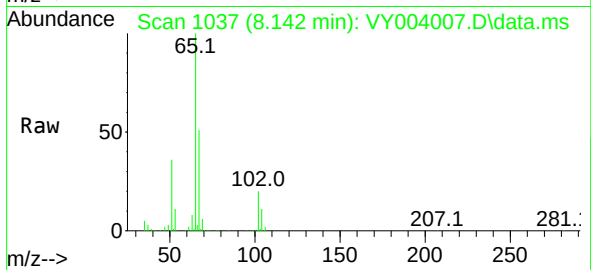




#33
1,2-Dichloroethane-d4
Concen: 62.45 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

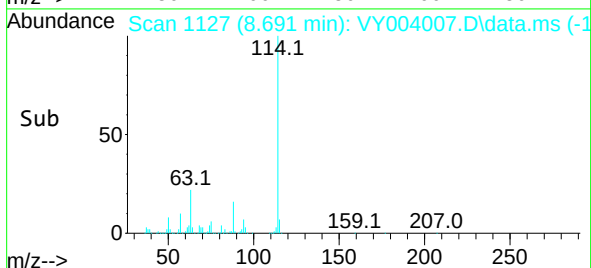
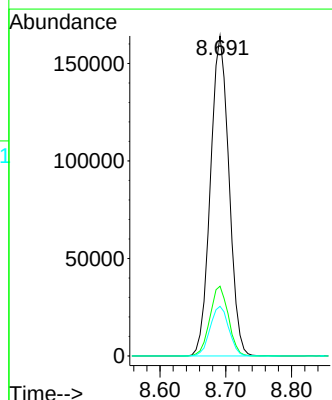
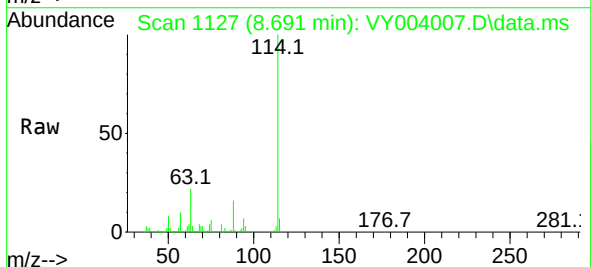
Instrument :
MSVOA_Y
ClientSampled :

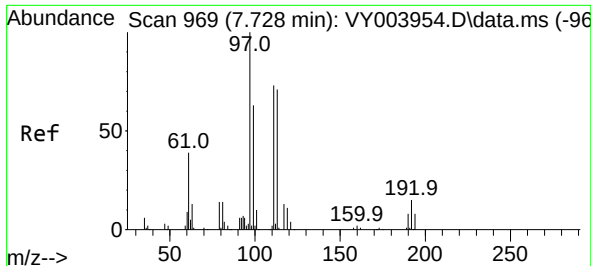
Tgt Ion: 65 Resp: 124696
Ion Ratio Lower Upper
65 100
67 51.1 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

Tgt Ion: 114 Resp: 320764
Ion Ratio Lower Upper
114 100
63 21.8 0.0 47.2
88 15.5 0.0 30.2

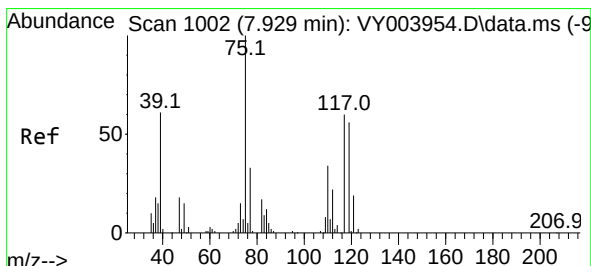
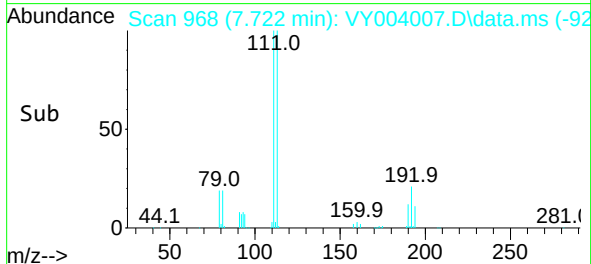
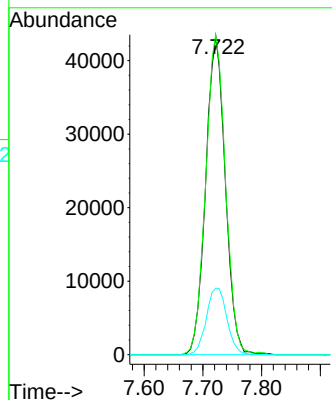
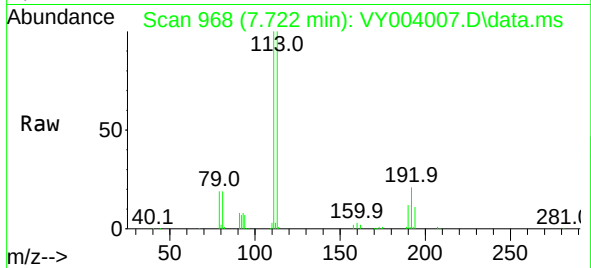




#35
Dibromofluoromethane
Concen: 53.51 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

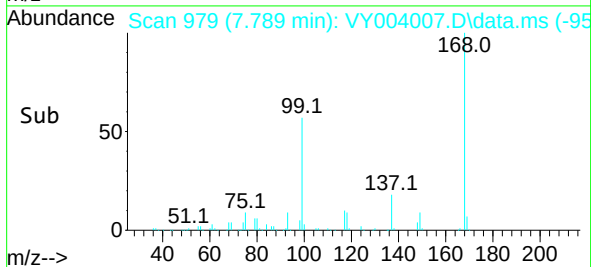
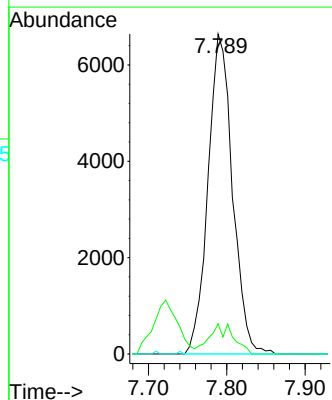
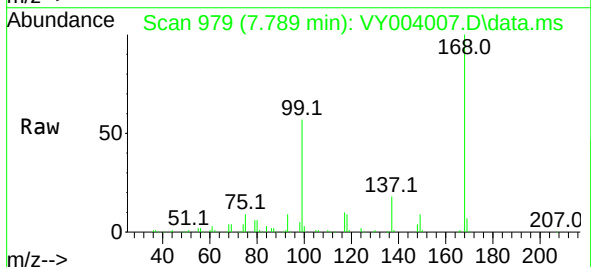
Instrument :
MSVOA_Y
ClientSampled :

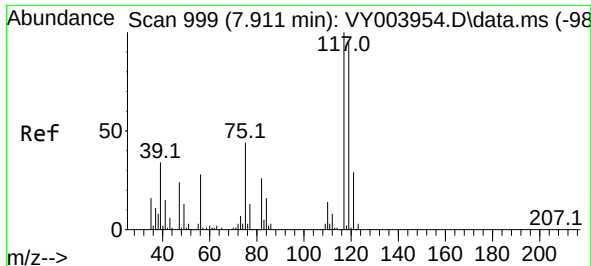
Tgt Ion:113 Resp: 100358
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 21.9 18.3 27.5



#36
1,1-Dichloropropene
Concen: 4.44 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

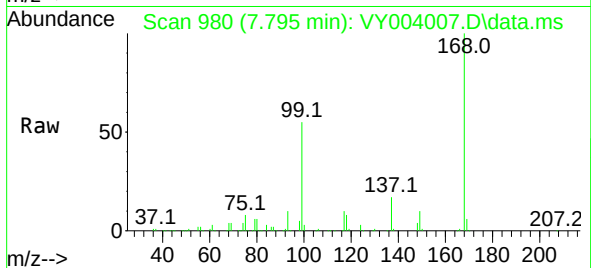
Tgt Ion: 75 Resp: 14418
Ion Ratio Lower Upper
75 100
110 9.3 17.9 53.8#
77 0.0 24.8 37.2#



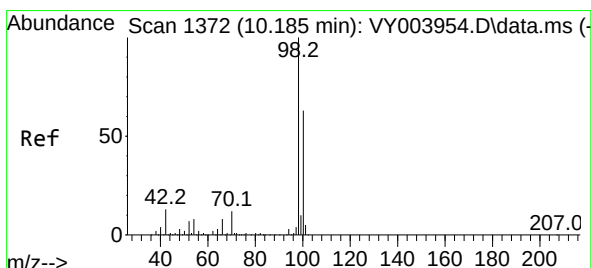
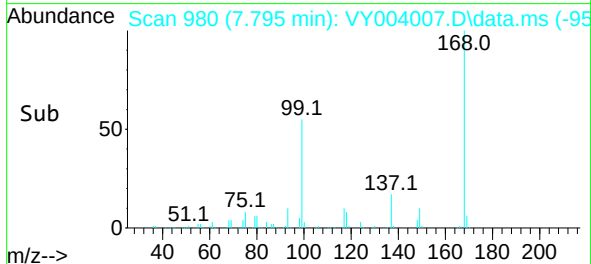
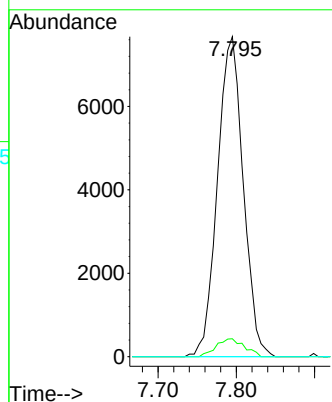


#38
Carbon Tetrachloride
Concen: 5.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

Instrument :
MSVOA_Y
ClientSampleId :

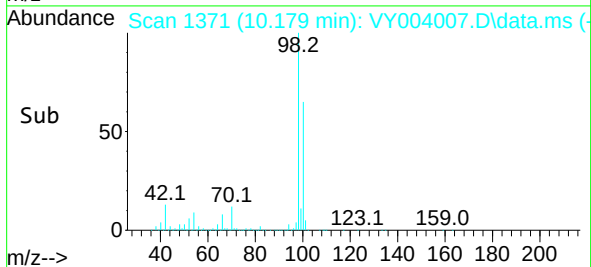
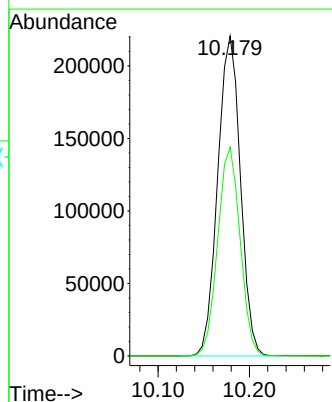
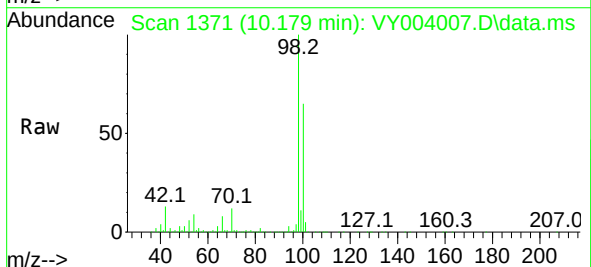


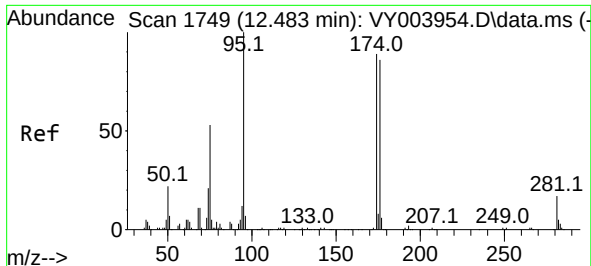
Tgt Ion:117 Resp: 17529
Ion Ratio Lower Upper
117 100
119 5.6 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 51.77 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

Tgt Ion: 98 Resp: 381022
Ion Ratio Lower Upper
98 100
100 64.4 50.5 75.7

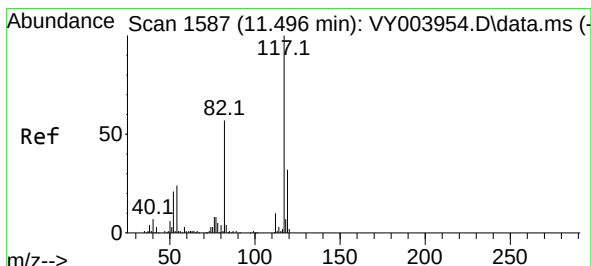
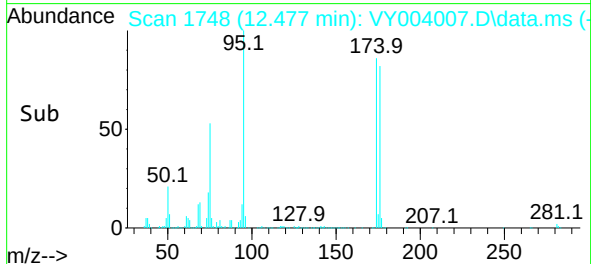
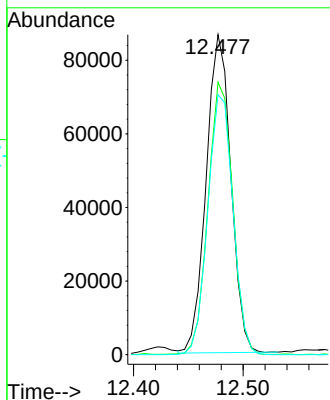
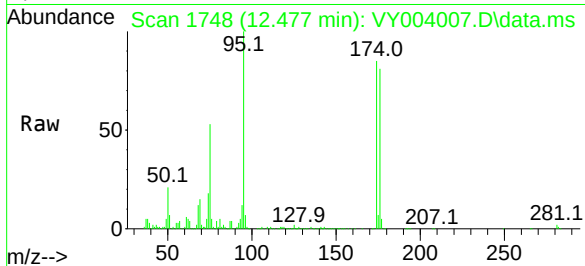




#62
4-Bromofluorobenzene
Concen: 50.36 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

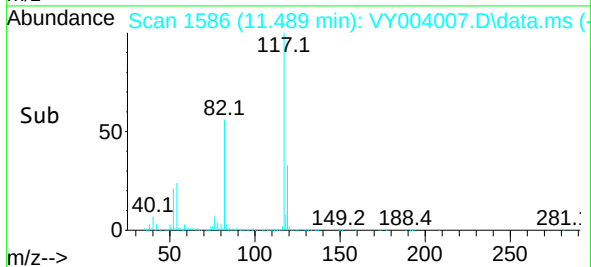
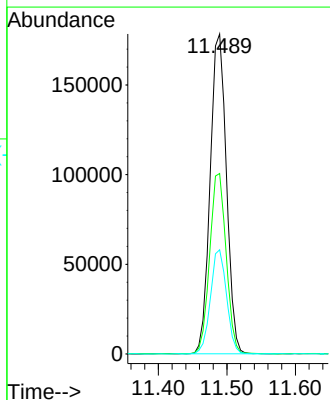
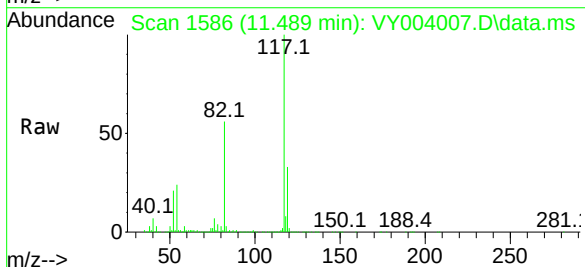
Instrument :
MSVOA_Y
ClientSampleId :

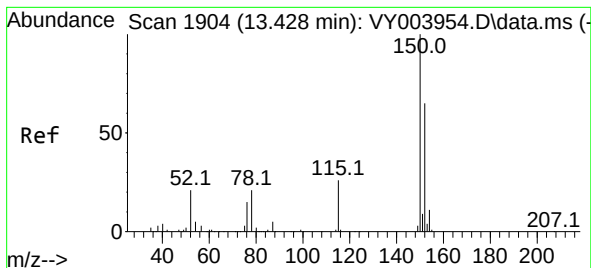
Tgt Ion: 95 Resp: 135103
Ion Ratio Lower Upper
95 100
174 85.6 0.0 184.4
176 83.6 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.007 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

Tgt Ion: 117 Resp: 293345
Ion Ratio Lower Upper
117 100
82 56.3 44.3 66.5
119 32.5 25.0 37.6

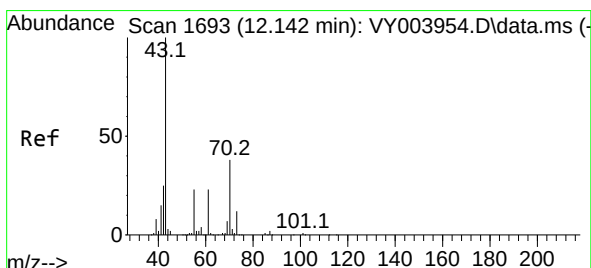
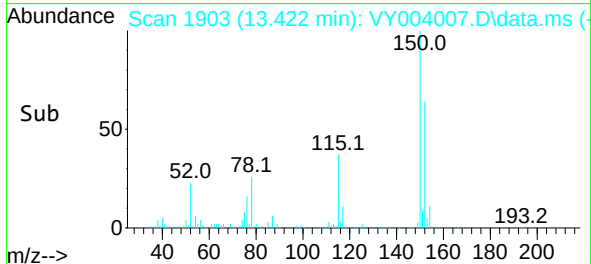
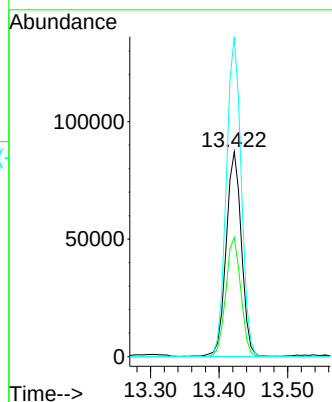
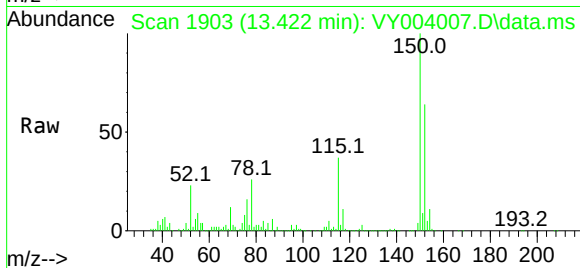




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

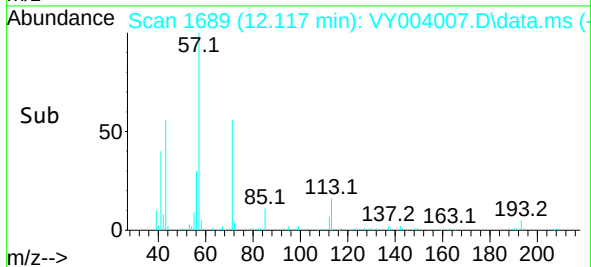
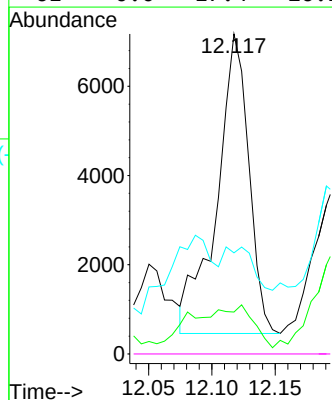
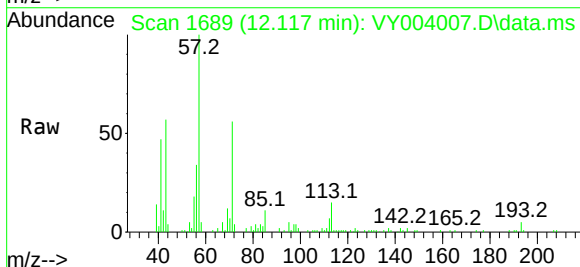
Instrument :
MSVOA_Y
ClientSampled :

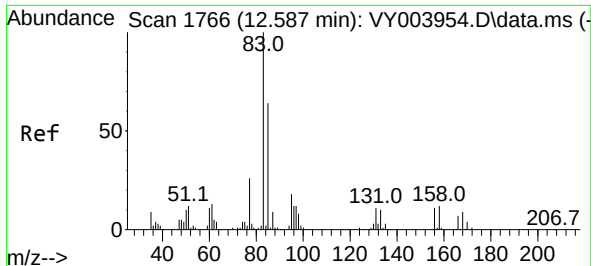
Tgt Ion:152 Resp: 134471
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.6
150 152.2 0.0 356.2



#74
N-ethyl acetate
Concen: 4.17 ug/l
RT: 12.117 min Scan# 1689
Delta R.T. -0.024 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

Tgt Ion: 43 Resp: 11811
Ion Ratio Lower Upper
43 100
70 0.0 29.6 44.4#
55 21.2 18.4 27.6
61 0.0 17.4 26.2#

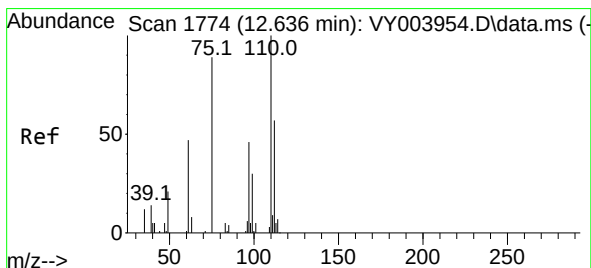
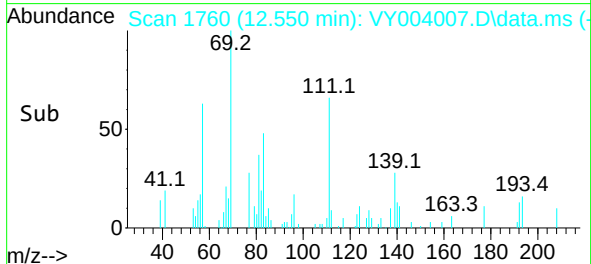
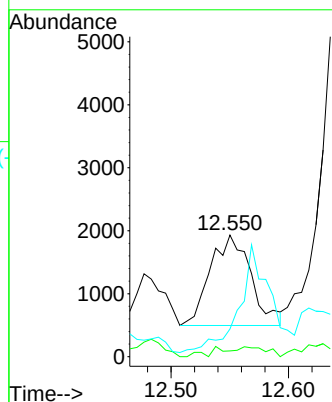
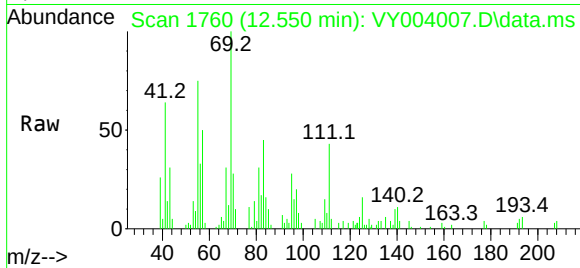




#75
1,1,2,2-Tetrachloroethane
Concen: 1.98 ug/l
RT: 12.550 min Scan# 1760
Delta R.T. -0.037 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

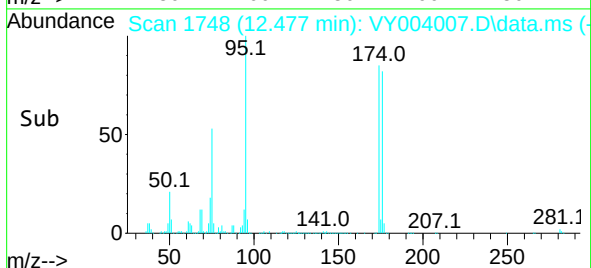
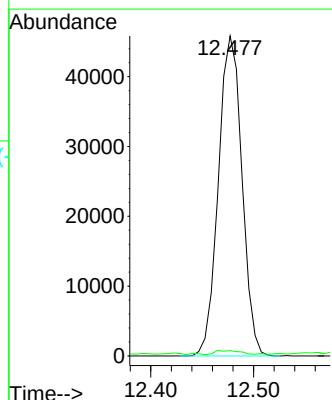
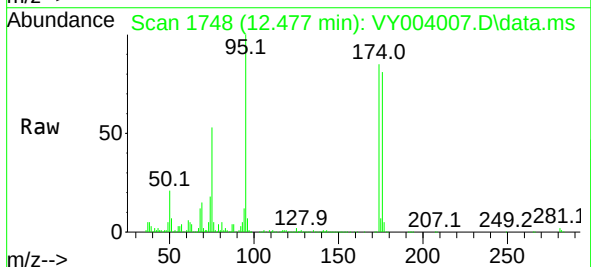
Instrument :
MSVOA_Y
ClientSampleId :

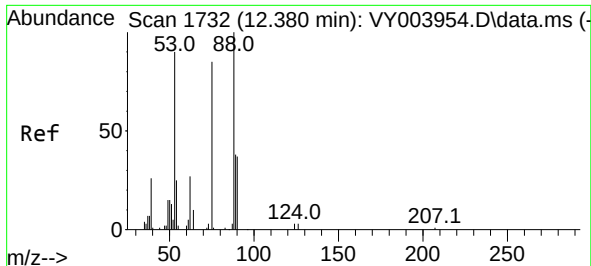
Tgt Ion: 83 Resp: 3463
Ion Ratio Lower Upper
83 100
131 5.1 5.3 16.1#
85 0.0 31.6 94.8#



#76
1,2,3-Trichloropropane
Concen: 53.85 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

Tgt Ion: 75 Resp: 72948
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

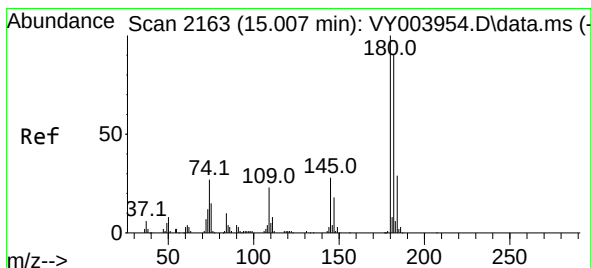
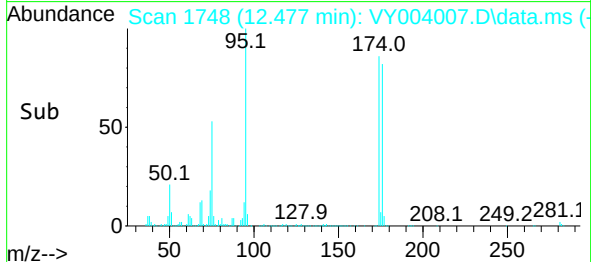
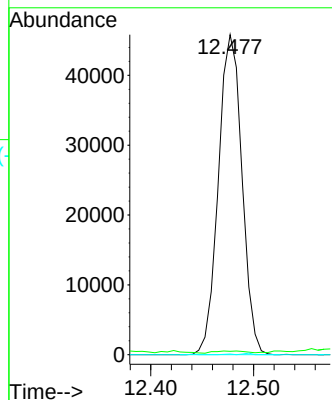
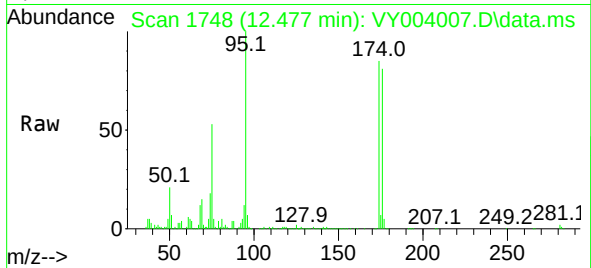




#81
trans-1,4-Dichloro-2-butene
Concen: 102.92 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

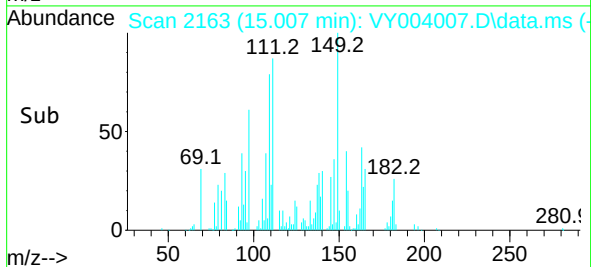
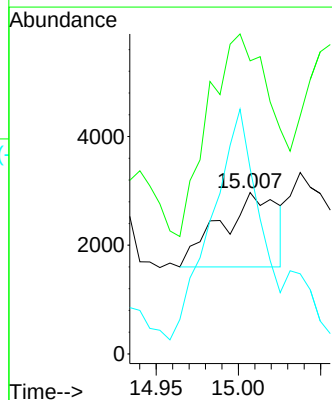
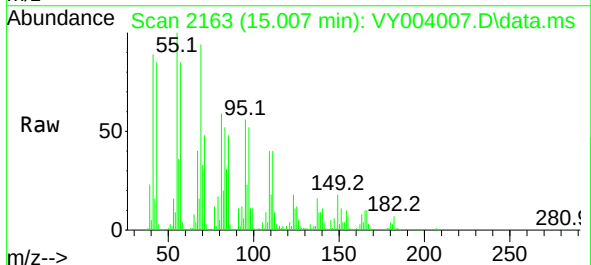
Instrument :
MSVOA_Y
ClientSampleId :

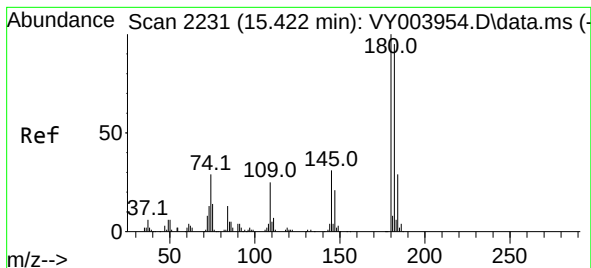
Tgt Ion: 75 Resp: 72948
Ion Ratio Lower Upper
75 100
53 0.9 78.2 117.2#
89 0.0 34.8 52.2#



#93
1,2,4-Trichlorobenzene
Concen: 1.18 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004007.D
Acq: 11 Feb 2021 17:33

Tgt Ion:180 Resp: 3279
Ion Ratio Lower Upper
180 100
182 309.6 48.1 144.3#
145 261.4 14.8 44.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 8.53 ug/l
 RT: 15.391 min Scan# 2226
 Delta R.T. -0.030 min
 Lab File: VY004007.D
 Acq: 11 Feb 2021 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:180 Resp: 20374
 Ion Ratio Lower Upper
 180 100
 182 22.6 47.7 143.1#
 145 61.6 15.2 45.6#

