

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
 Data File : VY003909.D
 Acq On : 12 Jan 2021 18:26
 Operator : SY/MD
 Sample : M1075-01
 Misc : 5.58G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11977

Quant Time: Jan 13 02:35:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

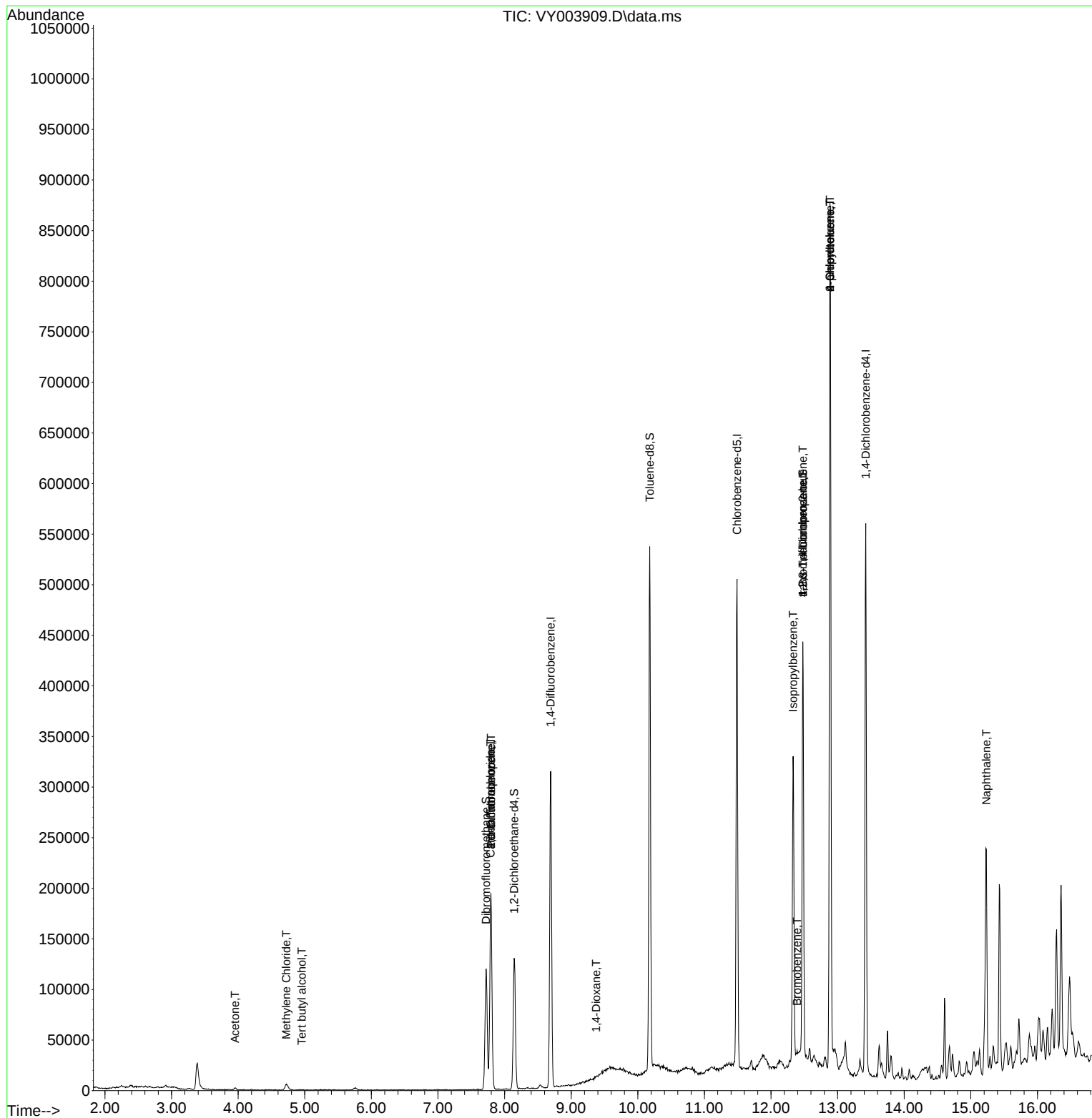
Internal Standards						
1) Pentafluorobenzene	7.795	168	150302	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	253299	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	130964	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	101133	43.32	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.64%		
35) Dibromofluoromethane	7.722	113	81152	39.20	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	78.40%		
50) Toluene-d8	10.179	98	326609	38.93	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	77.86%		
62) 4-Bromofluorobenzene	12.477	95	120678	39.39	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	78.78%		
Target Compounds					Qvalue	
3) Chloromethane	2.119	50	322	Below Cal		98
11) Tert butyl alcohol	4.954	59	264	1.09 ug/l #		73
16) Acetone	3.954	43	3187	5.52 ug/l		94
20) Methylene Chloride	4.722	84	4001	1.85 ug/l		97
36) 1,1-Dichloropropene	7.795	75	11206	3.23 ug/l #		52
38) Carbon Tetrachloride	7.789	117	14509	3.95 ug/l #		14
49) 1,4-Dioxane	9.374	88	23	1.24 ug/l #		1
73) Isopropylbenzene	12.331	105	14163	1.21 ug/l #		61
76) 1,2,3-Trichloropropane	12.477	75	65388	36.92 ug/l #		100
77) Bromobenzene	12.392	156	10374	3.61 ug/l #		1
78) n-propylbenzene	12.886	91	97155	6.90 ug/l #		53
79) 2-Chlorotoluene	12.886	91	98278	12.39 ug/l #		40
81) trans-1,4-Dichloro-2-b...	12.477	75	65388	70.10 ug/l #		3
82) 4-Chlorotoluene	12.886	91	98278	11.64 ug/l #		40
95) Naphthalene	15.233	128	174878	26.00 ug/l		98

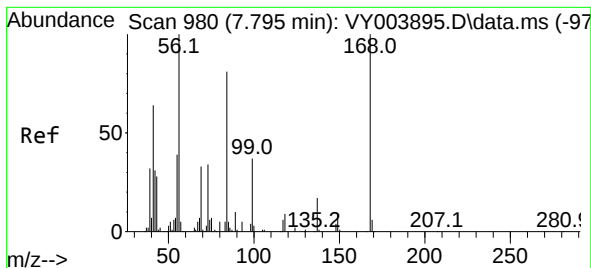
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011221\
Data File : VY003909.D
Acq On : 12 Jan 2021 18:26
Operator : SY/MD
Sample : M1075-01
Misc : 5.58G/5ML/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Quant Time: Jan 13 02:35:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 12 11:47:10 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY003909.D

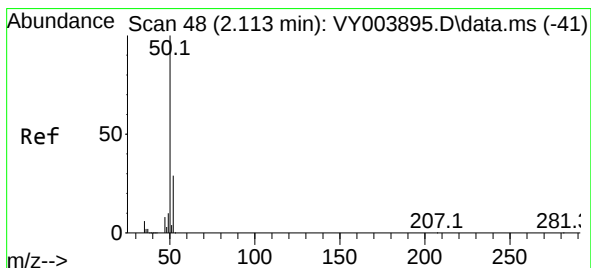
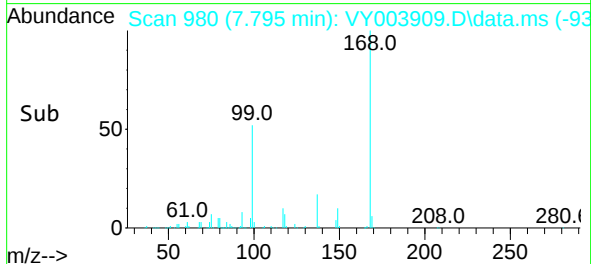
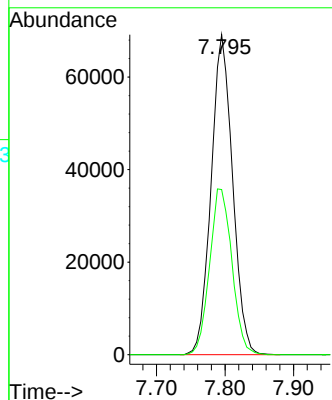
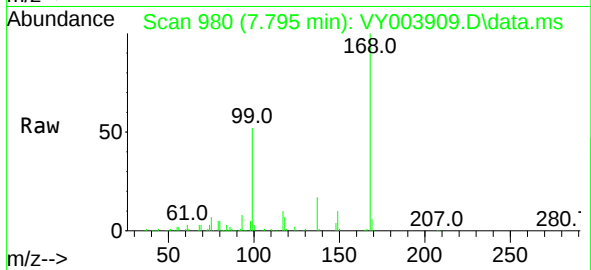
Acq: 12 Jan 2021 18:26

Tgt Ion:168 Resp: 150302

Ion Ratio Lower Upper

168 100

99 51.6 40.4 60.6



#3

Chloromethane

Concen: Below Cal

RT: 2.119 min Scan# 49

Delta R.T. 0.006 min

Lab File: VY003909.D

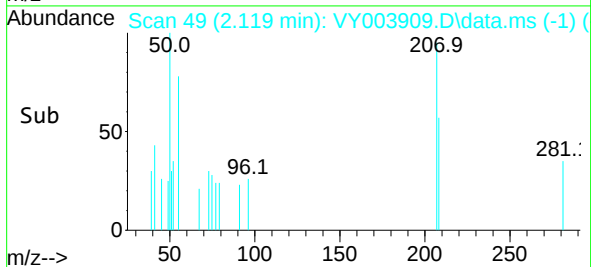
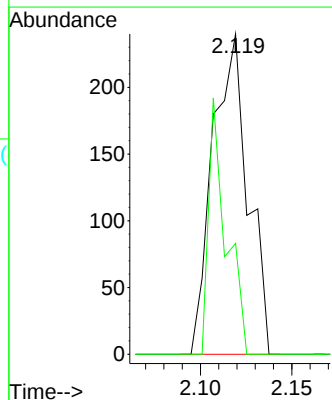
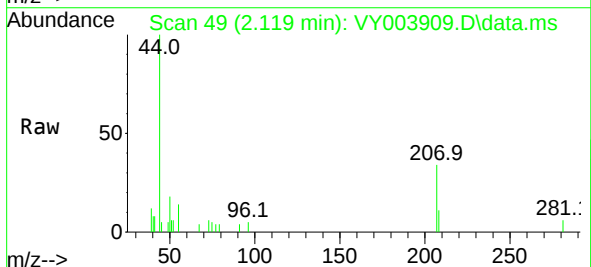
Acq: 12 Jan 2021 18:26

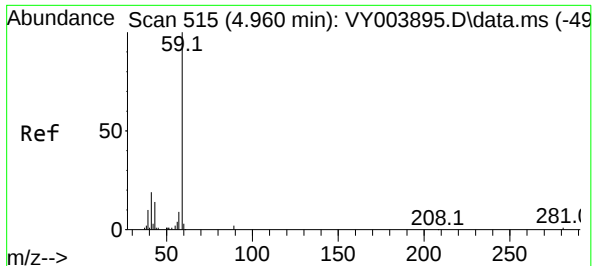
Tgt Ion: 50 Resp: 322

Ion Ratio Lower Upper

50 100

52 34.6 26.6 40.0



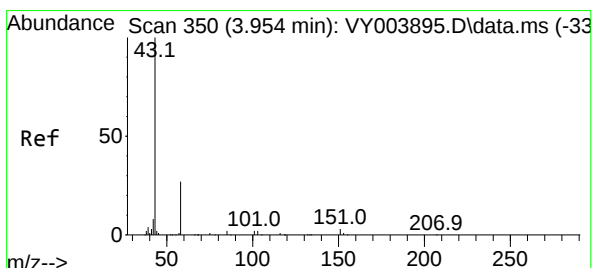
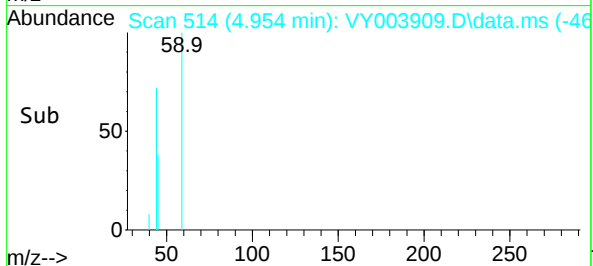
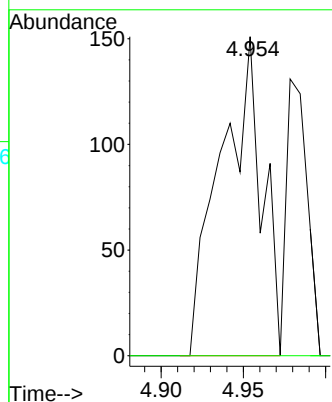
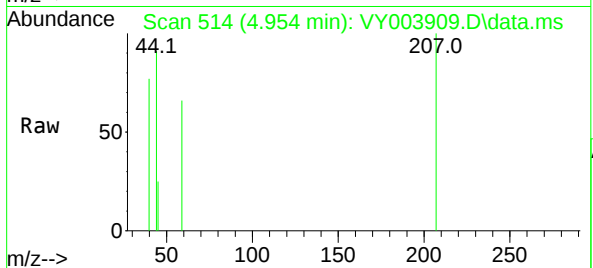


#11

Tert butyl alcohol
Concen: 1.09 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

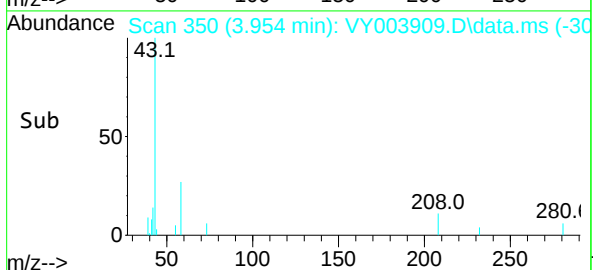
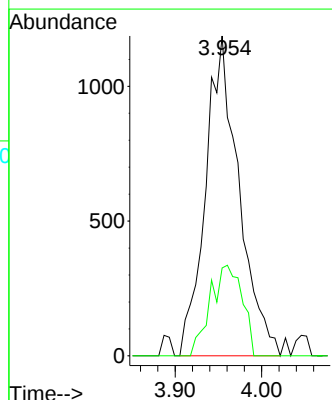
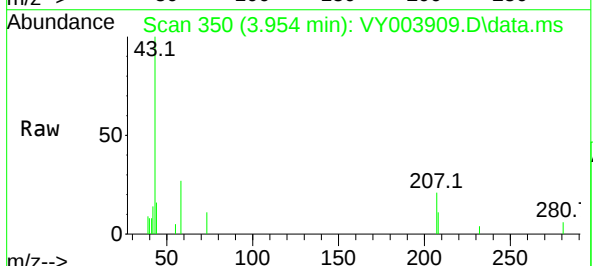
Tgt Ion: 59 Resp: 264
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

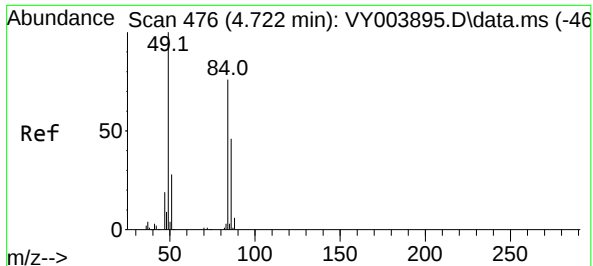


#16

Acetone
Concen: 5.52 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Tgt Ion: 43 Resp: 3187
Ion Ratio Lower Upper
43 100
58 27.5 24.5 36.7





#20

Methylene Chloride

Concen: 1.85 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY003909.D

Acq: 12 Jan 2021 18:26

Tgt Ion: 84 Resp: 4001

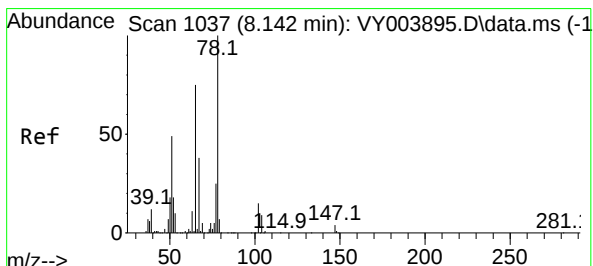
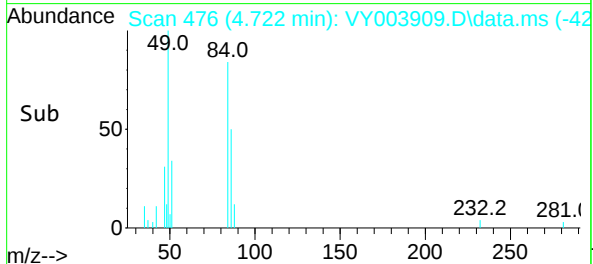
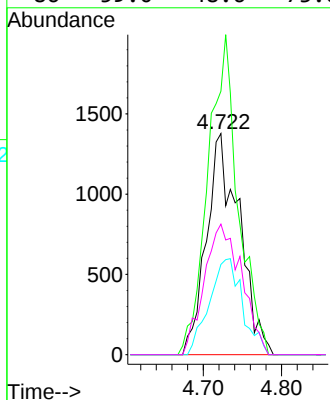
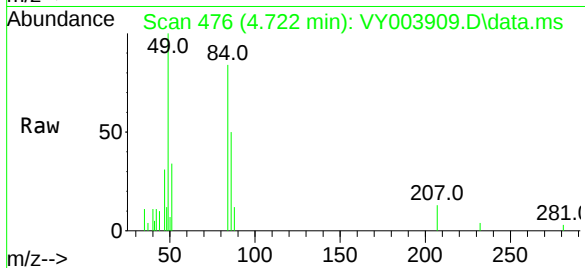
Ion Ratio Lower Upper

84 100

49 119.2 98.0 147.0

51 40.8 30.5 45.7

86 59.0 48.6 73.0



#33

1,2-Dichloroethane-d4

Concen: 43.32 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY003909.D

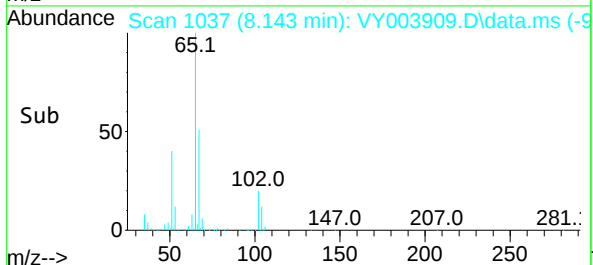
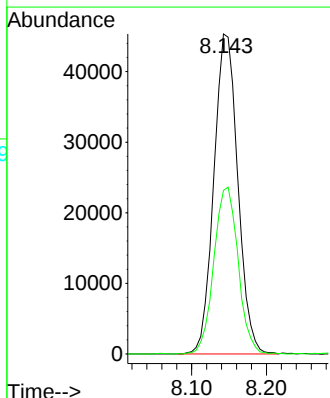
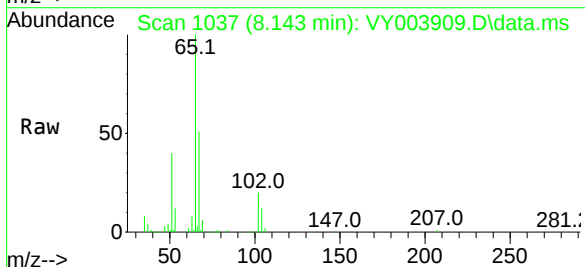
Acq: 12 Jan 2021 18:26

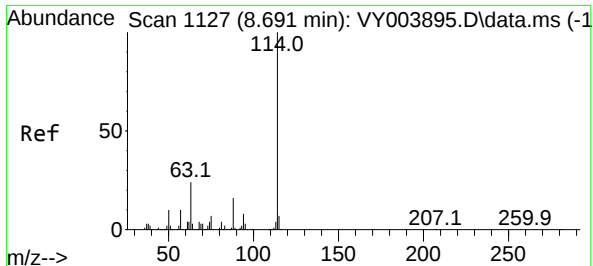
Tgt Ion: 65 Resp: 101133

Ion Ratio Lower Upper

65 100

67 52.8 0.0 102.2

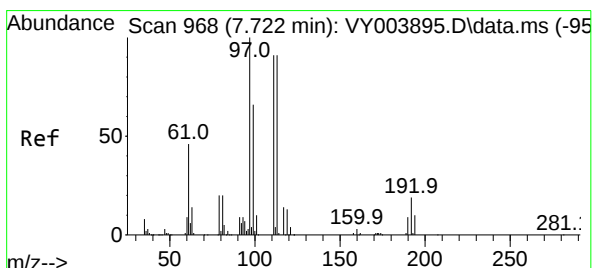
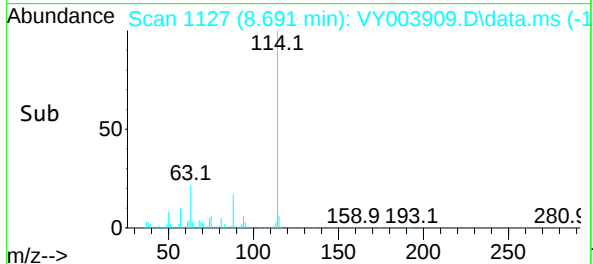
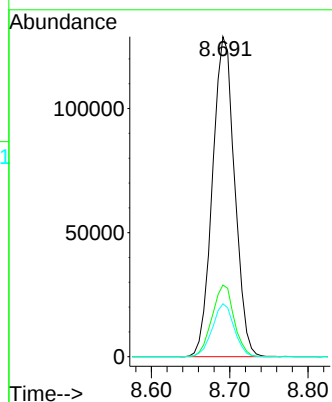
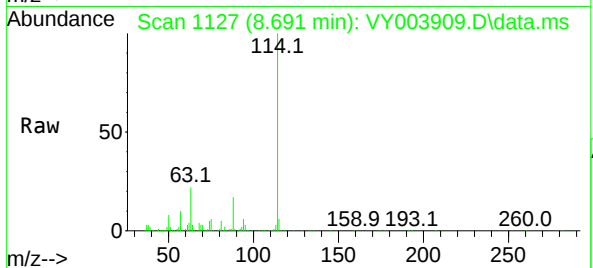




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

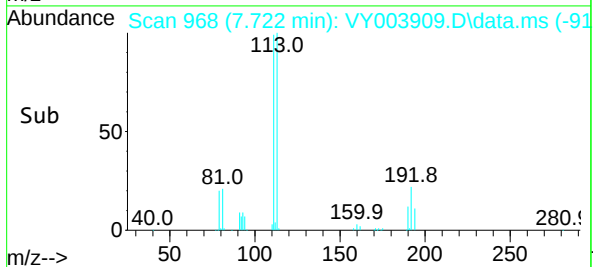
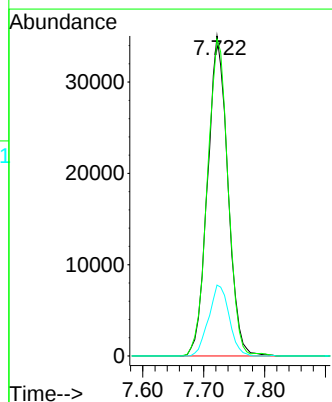
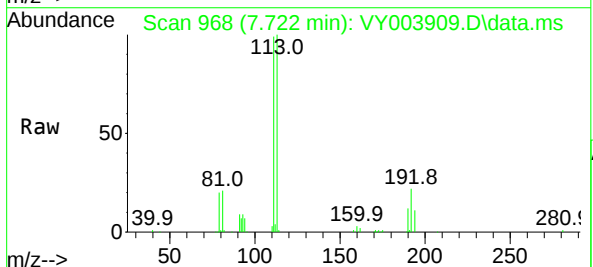
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

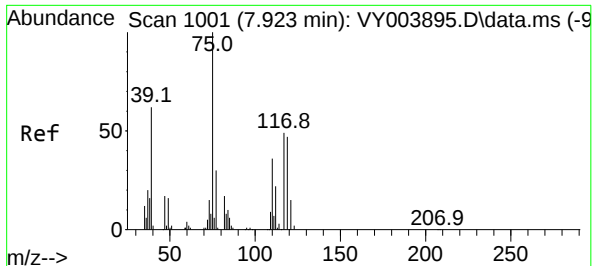
Tgt Ion:	114	Resp:	253299
Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	38.8
88	16.6	0.0	31.4



#35
Dibromofluoromethane
Concen: 39.20 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Tgt Ion:	113	Resp:	81152
Ion	Ratio	Lower	Upper
113	100		
111	100.7	83.0	124.6
192	22.3	19.8	29.6





#36

1,1-Dichloropropene

Concen: 3.23 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY003909.D

Acq: 12 Jan 2021 18:26

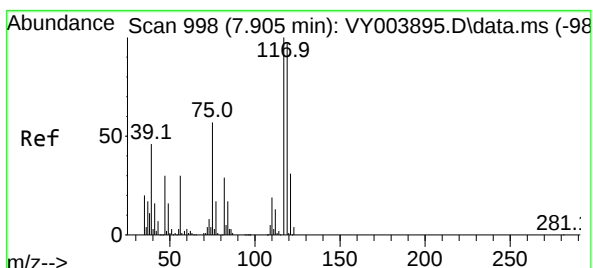
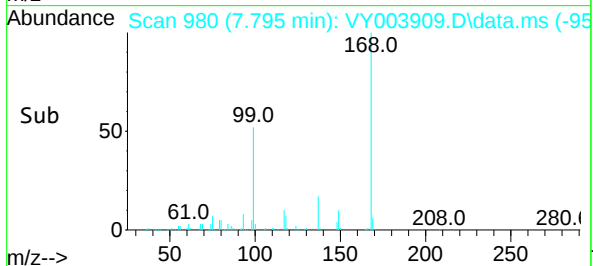
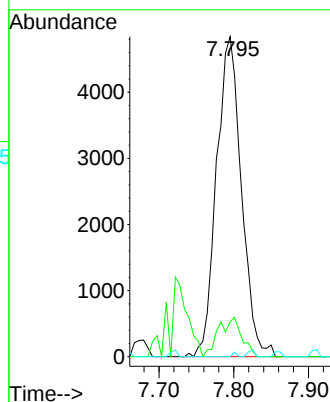
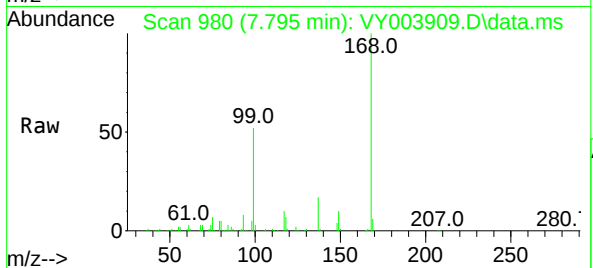
Tgt Ion: 75 Resp: 11206

Ion Ratio Lower Upper

75 100

110 11.4 17.7 53.1#

77 0.2 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 3.95 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY003909.D

Acq: 12 Jan 2021 18:26

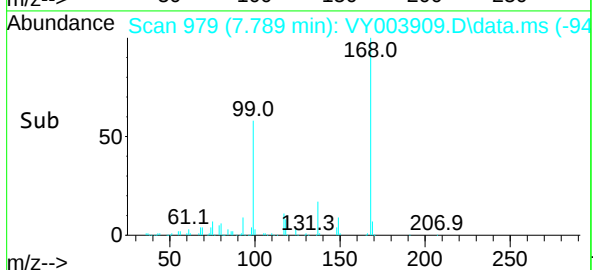
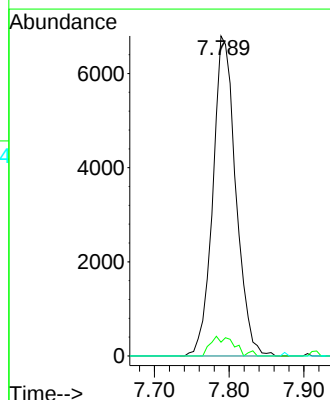
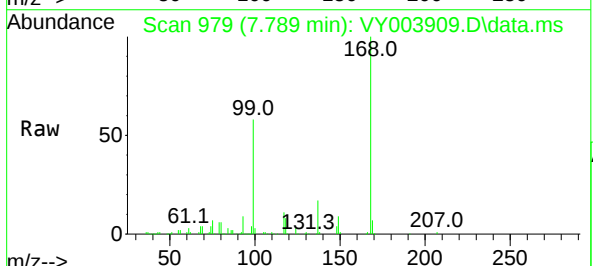
Tgt Ion: 117 Resp: 14509

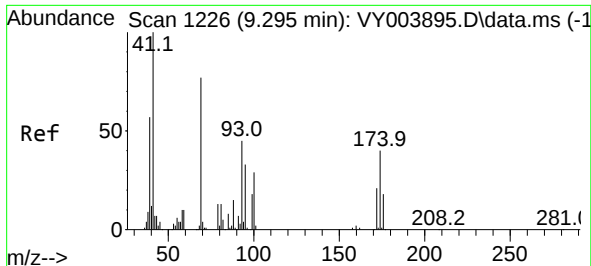
Ion Ratio Lower Upper

117 100

119 4.3 78.6 118.0#

121 0.0 25.8 38.6#

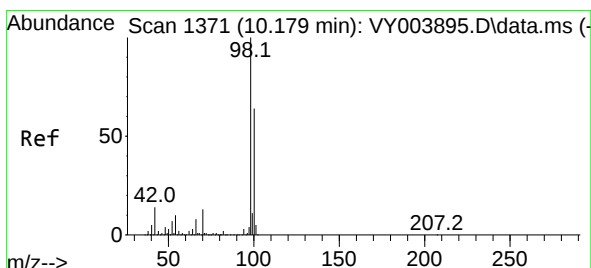
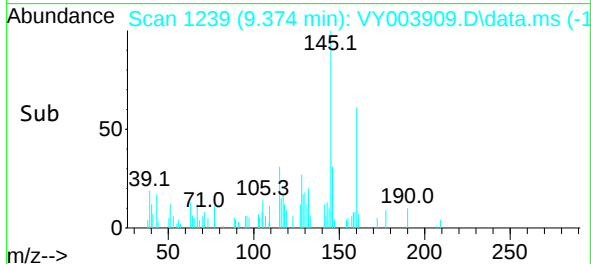
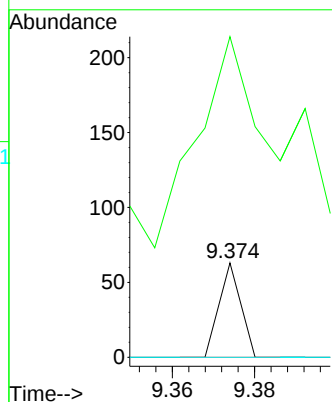
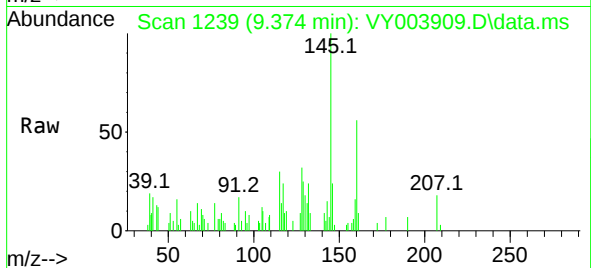




#49
1,4-Dioxane
Concen: 1.24 ug/l
RT: 9.374 min Scan# 1239
Delta R.T. 0.079 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

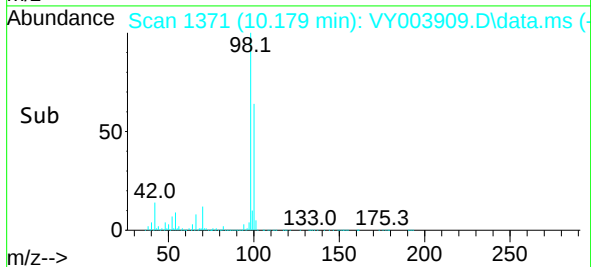
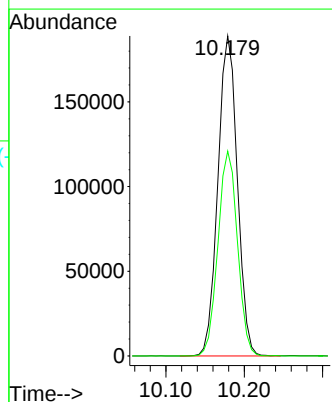
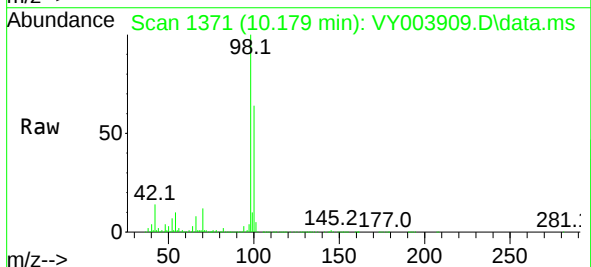
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

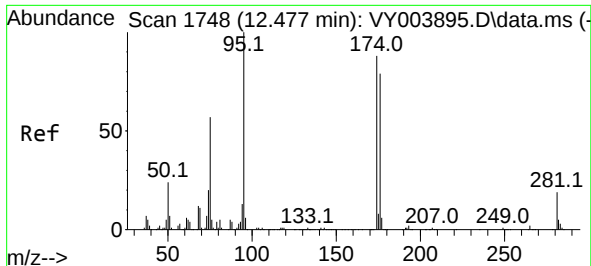
Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 847.8 27.9 41.9#
58 0.0 54.7 82.1#



#50
Toluene-d8
Concen: 38.93 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Tgt Ion: 98 Resp: 326609
Ion Ratio Lower Upper
98 100
100 64.2 51.4 77.0

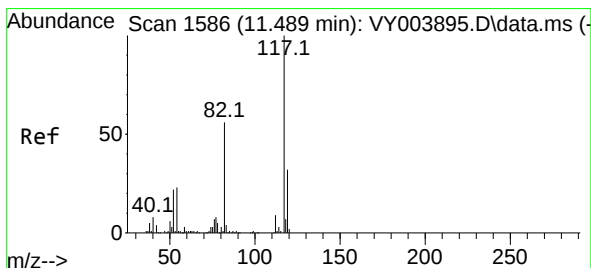
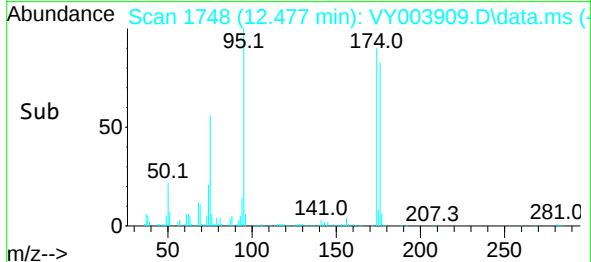
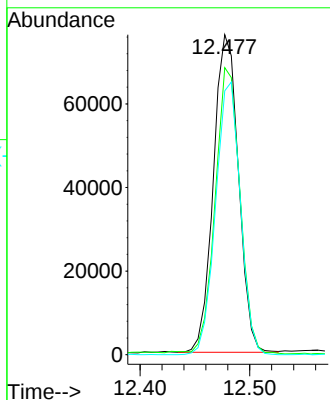
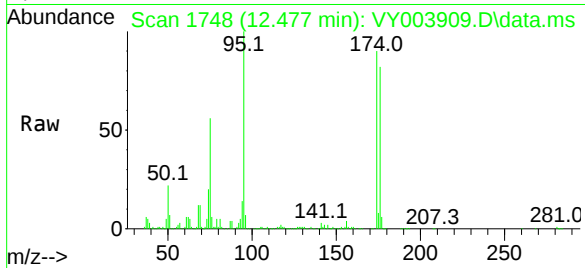




#62
4-Bromofluorobenzene
Concen: 39.39 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

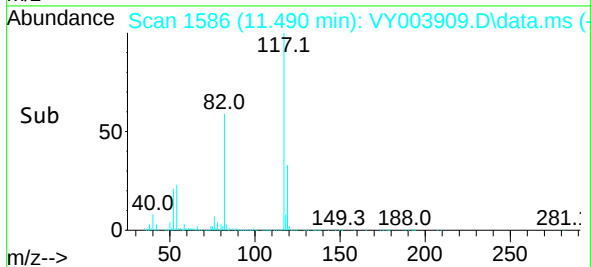
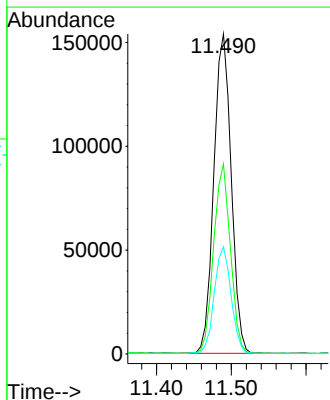
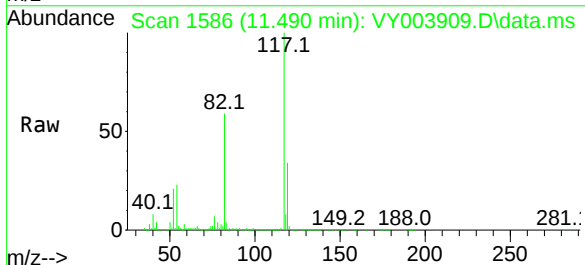
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

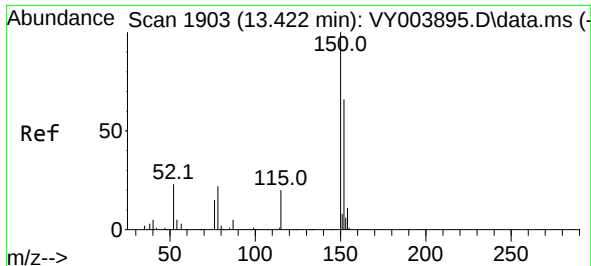
Tgt Ion:	95	Resp:	120678
Ion Ratio	Lower	Upper	
95	100		
174	89.5	0.0	193.2
176	84.8	0.0	187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Tgt Ion:	117	Resp:	248998
Ion Ratio	Lower	Upper	
117	100		
82	59.3	43.9	65.9
119	33.3	26.2	39.4

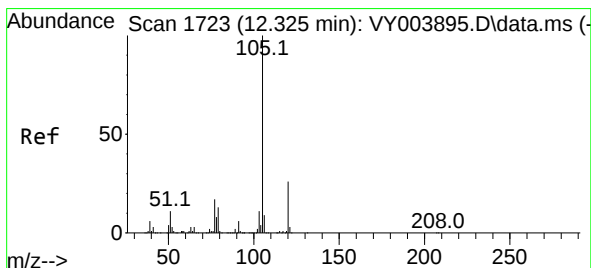
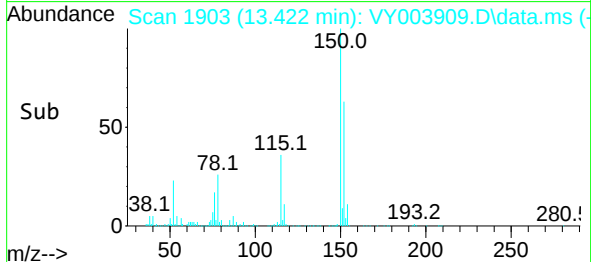
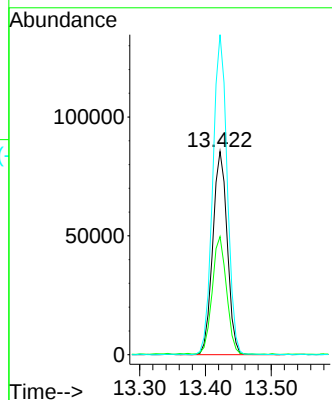
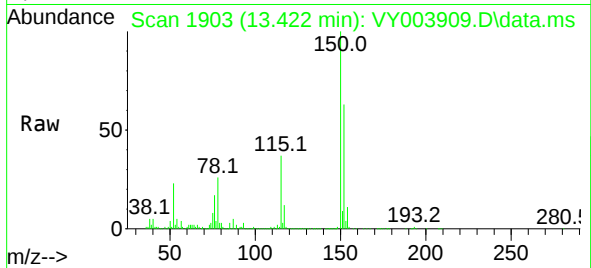




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

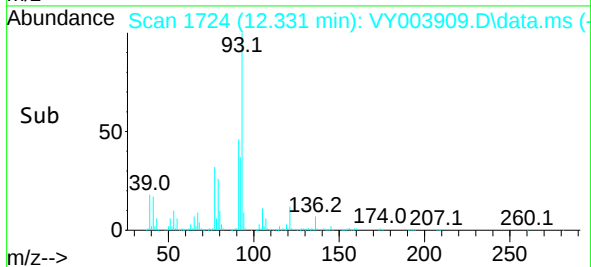
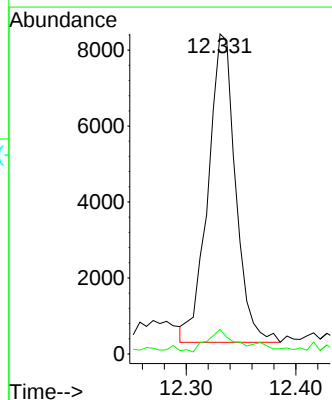
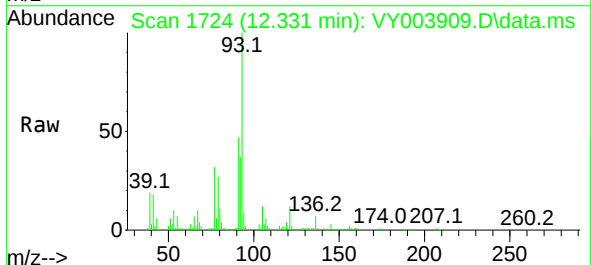
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

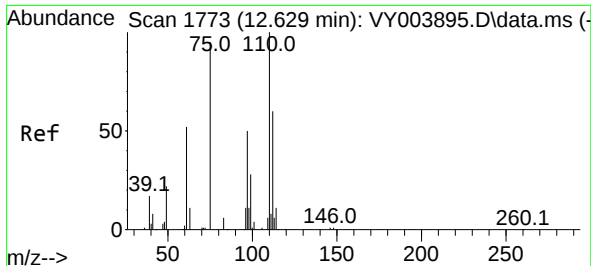
Tgt Ion:152 Resp: 130964
Ion Ratio Lower Upper
152 100
115 57.4 27.9 83.7
150 157.0 0.0 356.4



#73
Isopropylbenzene
Concen: 1.21 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Tgt Ion:105 Resp: 14163
Ion Ratio Lower Upper
105 100
120 6.7 13.4 40.2#

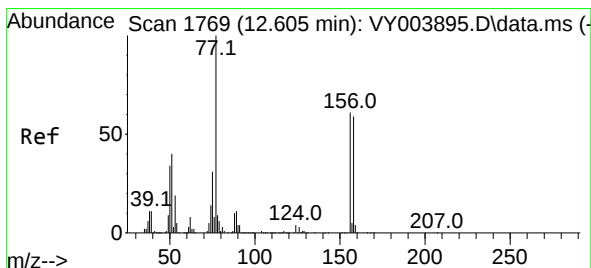
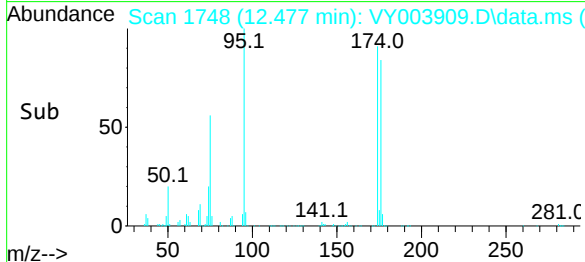
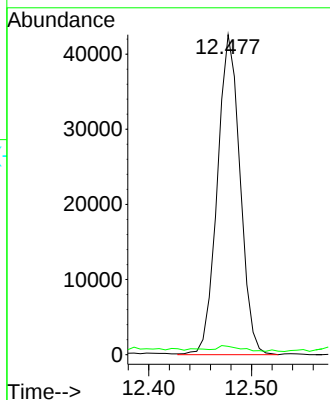
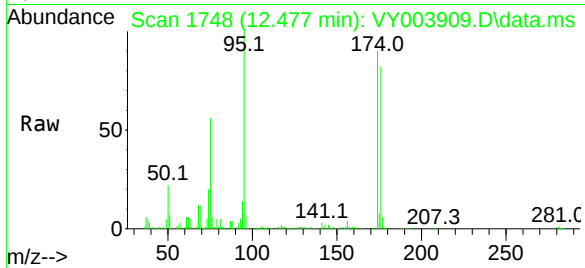




#76
1,2,3-Trichloropropane
Concen: 36.92 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

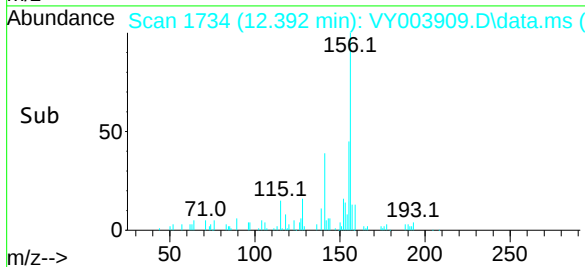
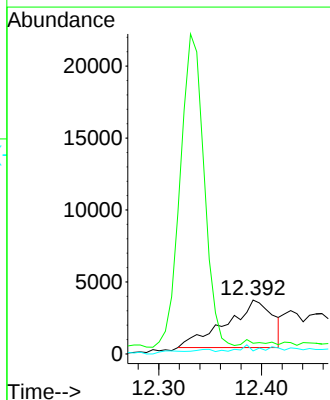
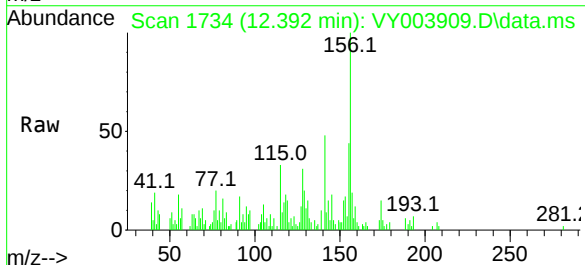
Instrument :
MSVOA_Y
ClientSampled :
72-11977

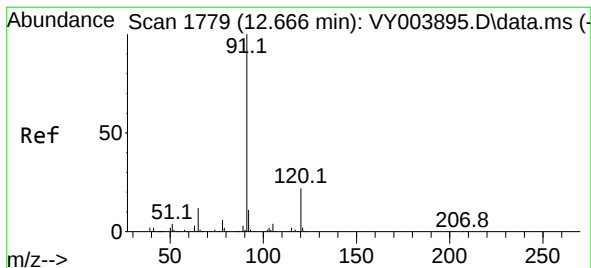
Tgt Ion: 75 Resp: 65388
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 3.61 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.213 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Tgt Ion: 156 Resp: 10374
Ion Ratio Lower Upper
156 100
77 0.0 83.6 250.8#
158 3.6 48.6 145.8#





#78

n-propylbenzene

Concen: 6.90 ug/l

RT: 12.886 min Scan# 1815

Delta R.T. 0.220 min

Lab File: VY003909.D

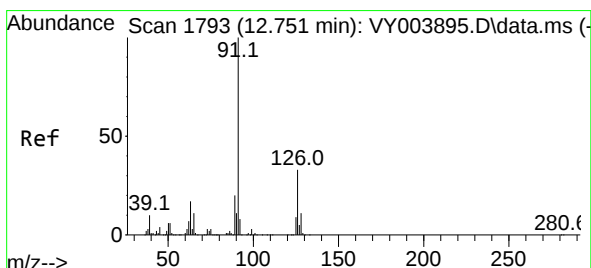
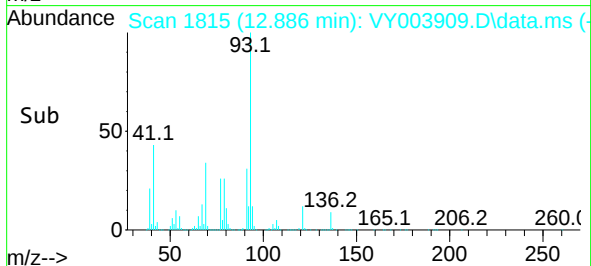
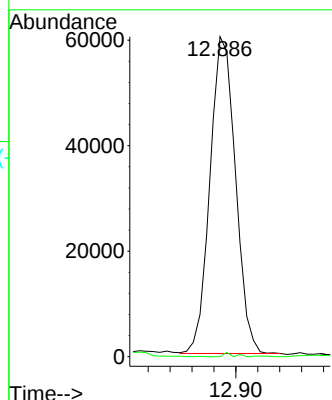
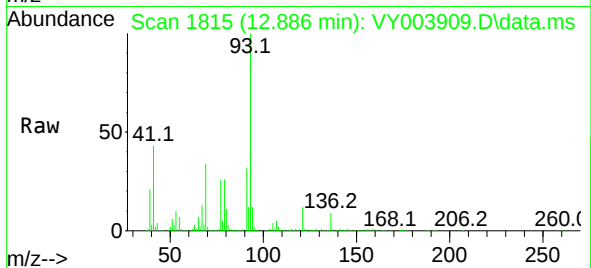
Acq: 12 Jan 2021 18:26

Tgt Ion: 91 Resp: 97155

Ion Ratio Lower Upper

91 100

120 0.5 11.8 35.4#



#79

2-Chlorotoluene

Concen: 12.39 ug/l

RT: 12.886 min Scan# 1815

Delta R.T. 0.134 min

Lab File: VY003909.D

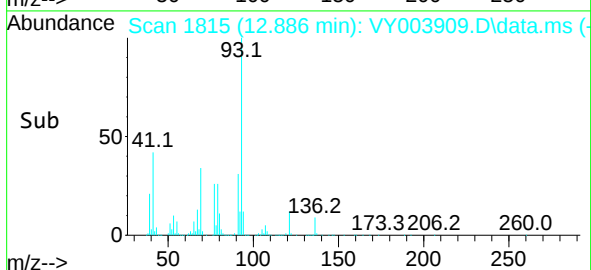
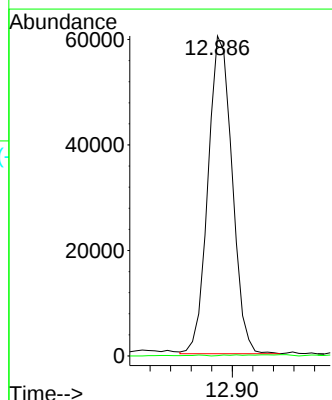
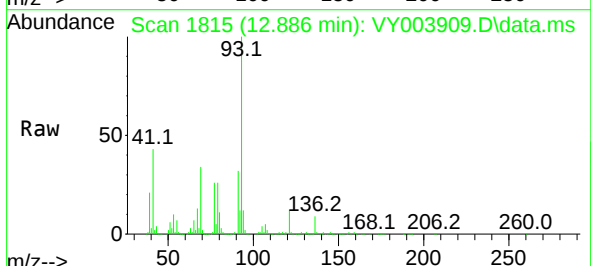
Acq: 12 Jan 2021 18:26

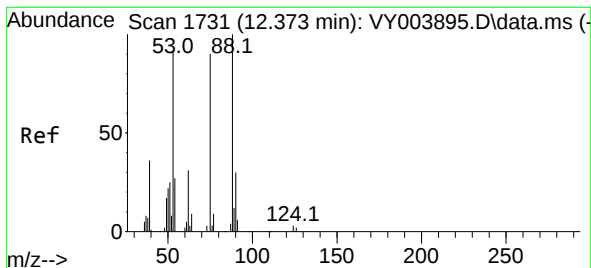
Tgt Ion: 91 Resp: 98278

Ion Ratio Lower Upper

91 100

126 0.3 17.5 52.5#

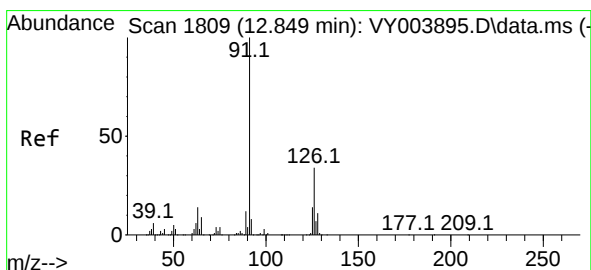
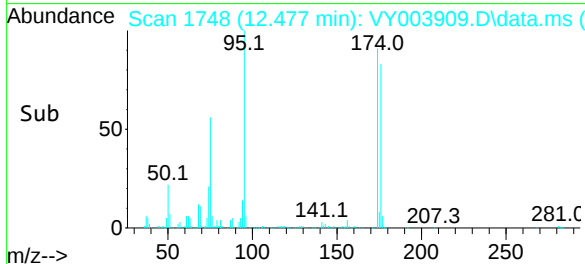
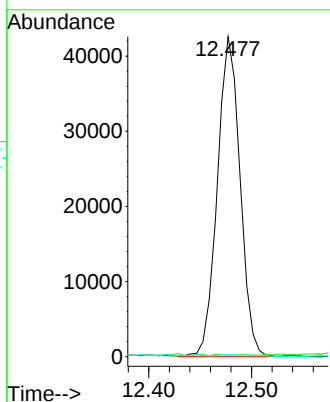
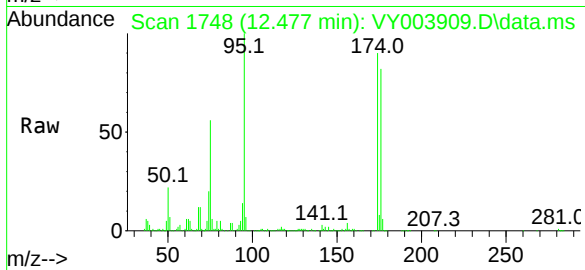




#81
trans-1,4-Dichloro-2-butene
Concen: 70.10 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

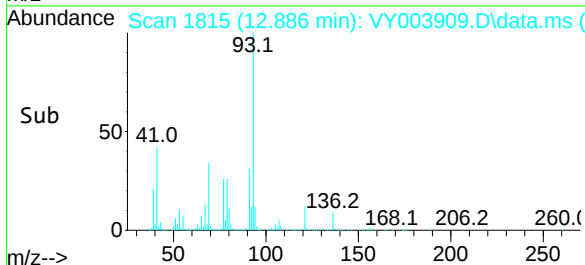
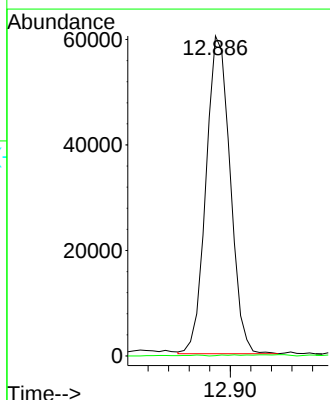
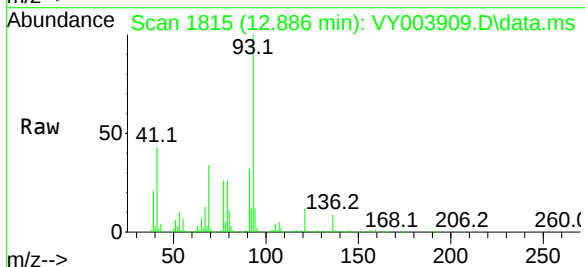
Instrument :
MSVOA_Y
ClientSampleId :
72-11977

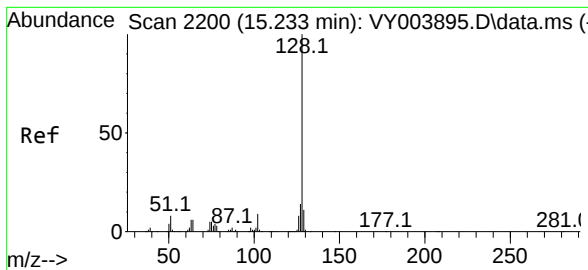
Tgt Ion: 75 Resp: 65388
Ion Ratio Lower Upper
75 100
53 0.0 75.0 112.6#
89 1.1 0.0 0.0#



#82
4-Chlorotoluene
Concen: 11.64 ug/l
RT: 12.886 min Scan# 1815
Delta R.T. 0.037 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Tgt Ion: 91 Resp: 98278
Ion Ratio Lower Upper
91 100
126 0.3 17.4 52.2#





#95
Naphthalene
Concen: 26.00 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY003909.D
Acq: 12 Jan 2021 18:26

Instrument :
MSVOA_Y
ClientSampleId :
72-11977

Tgt Ion:128 Resp: 174878
Ion Ratio Lower Upper
128 100
127 14.0 10.6 15.8
129 11.6 8.7 13.1

