

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060821\
 Data File : VY005015.D
 Acq On : 08 Jun 2021 12:20
 Operator : SY/MD
 Sample : M2612-20
 Misc : 15.19G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

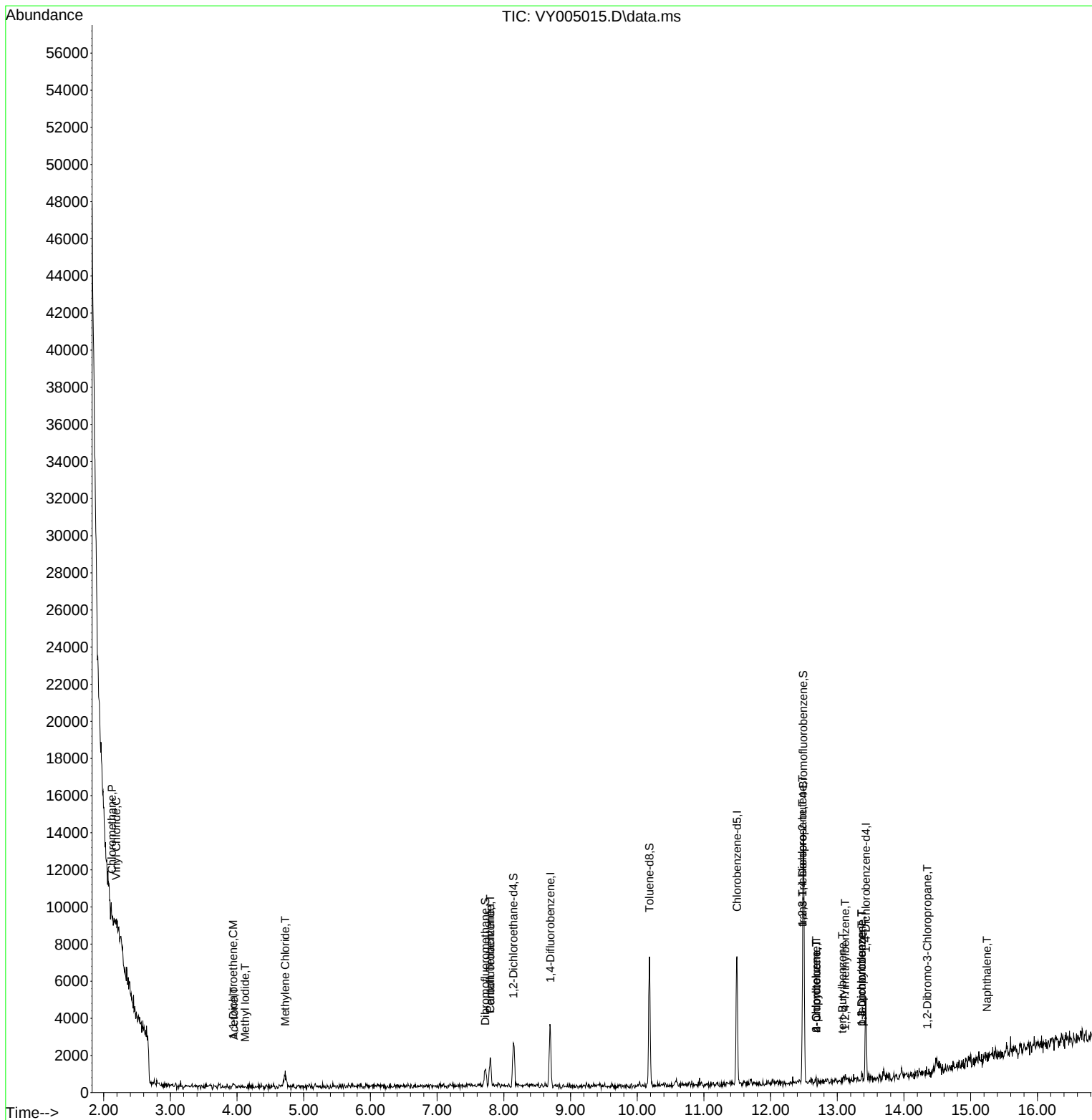
Quant Time: Jun 09 03:48:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

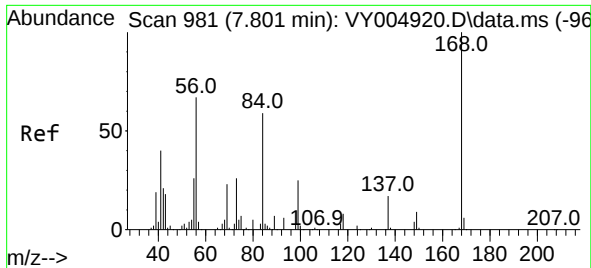
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	1488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	3420	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	4040	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1247	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1726	109.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 219.440%#	
35) Dibromofluoromethane	7.722	113	721	39.185	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.360%	
50) Toluene-d8	10.185	98	4616	60.405	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.800%	
62) 4-Bromofluorobenzene	12.489	95	1390	52.889	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	120	6.504	ug/l #	42
4) Vinyl Chloride	2.186	62	301	16.958	ug/l #	43
10) Methyl Iodide	4.119	142	55	3.763	ug/l #	41
12) 1,1-Dichloroethene	3.942	96	19	1.242	ug/l #	1
16) Acetone	3.954	43	259	68.395	ug/l #	82
20) Methylene Chloride	4.722	84	266	9.833	ug/l #	82
38) Carbon Tetrachloride	7.795	117	88	3.021	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	915	66.937	ug/l #	100
78) n-propylbenzene	12.684	91	186	1.638	ug/l #	53
79) 2-Chlorotoluene	12.684	91	186	2.939	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.477	75	915	123.016	ug/l #	17
82) 4-Chlorotoluene	12.684	91	186	2.876	ug/l #	41
83) tert-Butylbenzene	13.074	119	78	1.187	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.117	105	132	1.709	ug/l #	53
86) p-Isopropyltoluene	13.367	119	133	1.620	ug/l #	50
87) 1,3-Dichlorobenzene	13.367	146	83	2.072	ug/l #	25
88) 1,4-Dichlorobenzene	13.367	146	83	2.077	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.349	75	22	7.027	ug/l #	1
95) Naphthalene	15.245	128	89	1.821	ug/l #	69

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

Quant Time: Jun 09 03:48:25 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

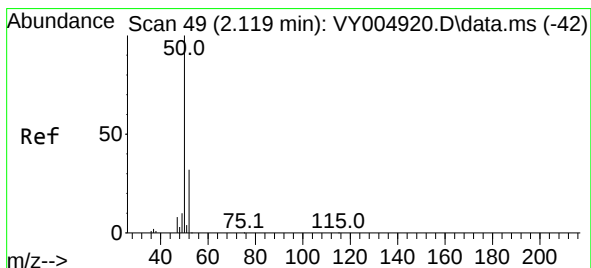
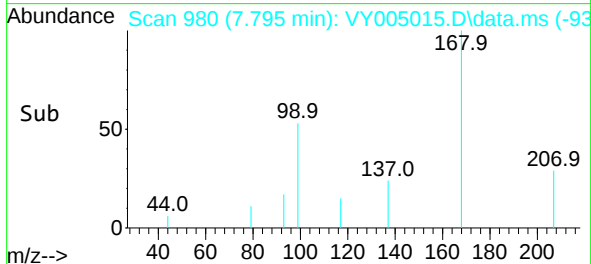
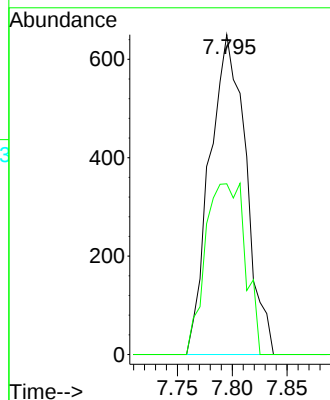
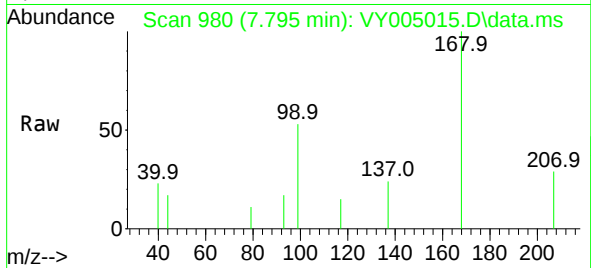




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

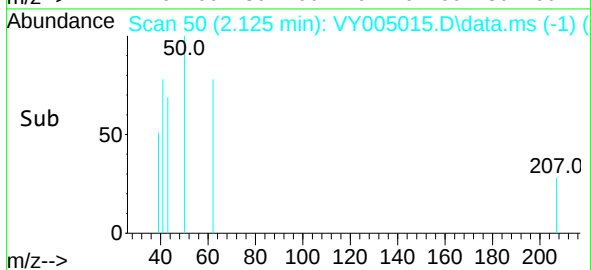
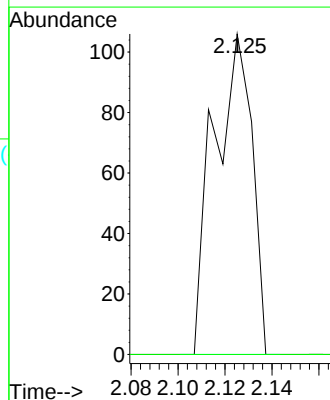
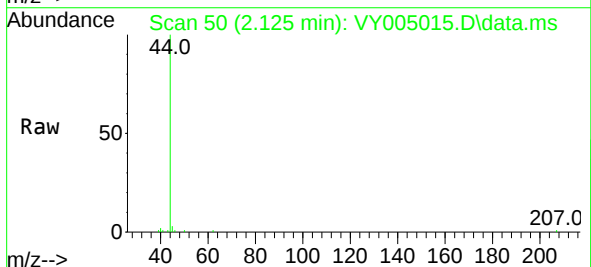
Instrument :
MSVOA_Y
ClientSampleId :

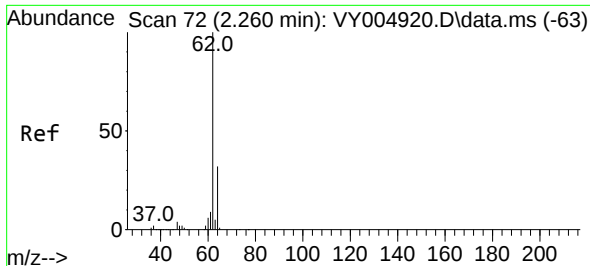
Tgt Ion:168 Resp: 1488
Ion Ratio Lower Upper
168 100
99 53.4 43.9 65.9



#3
Chloromethane
Concen: 6.504 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

Tgt Ion: 50 Resp: 120
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

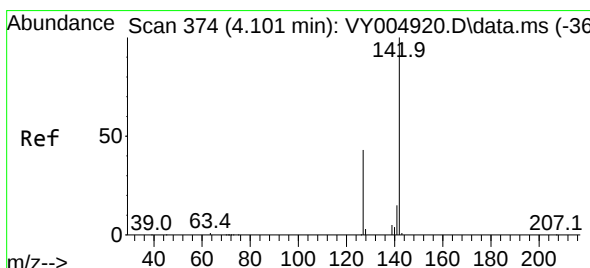
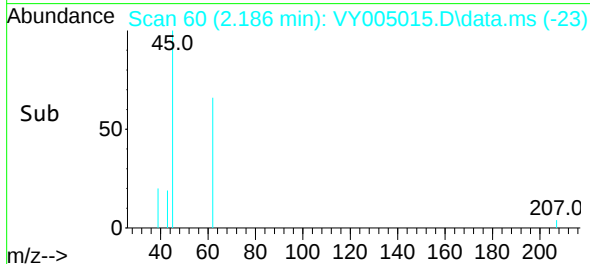
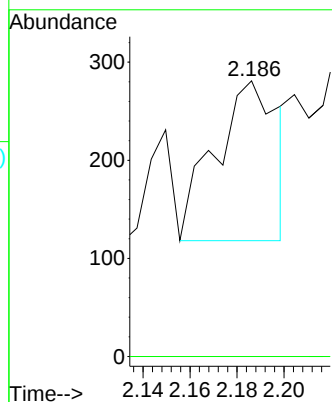
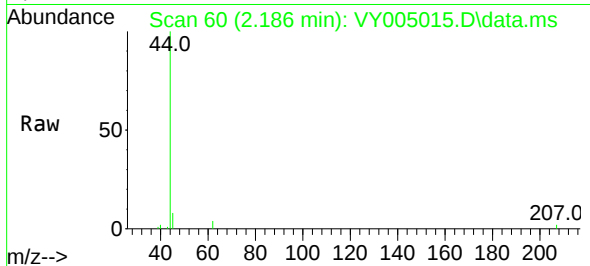




#4
 Vinyl Chloride
 Concen: 16.958 ug/l
 RT: 2.186 min Scan# 60
 Delta R.T. -0.073 min
 Lab File: VY005015.D
 Acq: 08 Jun 2021 12:20

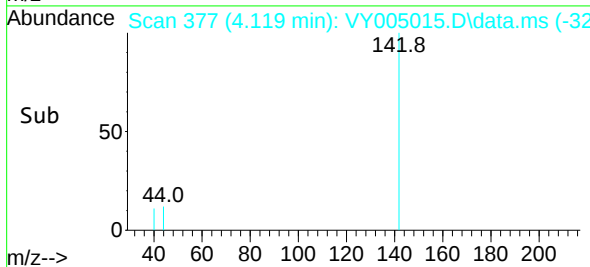
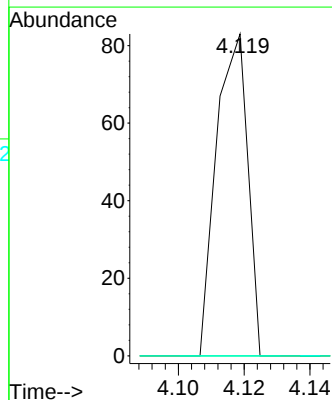
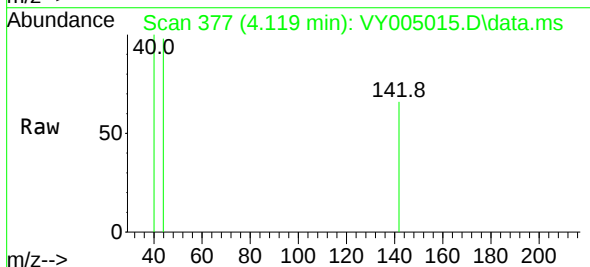
Instrument :
 MSVOA_Y
 ClientSampleId :

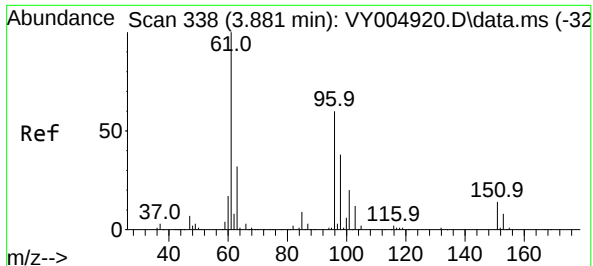
Tgt Ion: 62 Resp: 301
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#10
 Methyl Iodide
 Concen: 3.763 ug/l
 RT: 4.119 min Scan# 377
 Delta R.T. 0.018 min
 Lab File: VY005015.D
 Acq: 08 Jun 2021 12:20

Tgt Ion: 142 Resp: 55
 Ion Ratio Lower Upper
 142 100
 127 0.0 34.4 51.6#
 141 0.0 11.5 17.3#

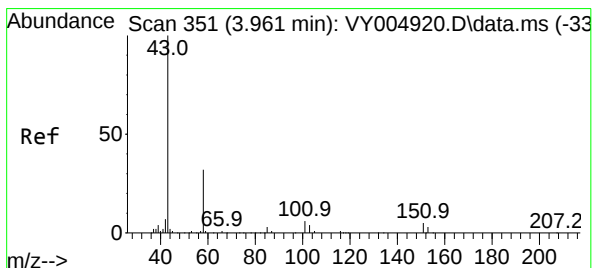
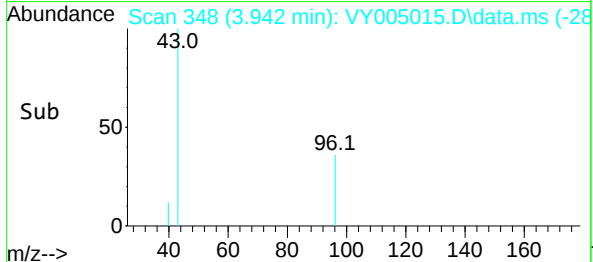
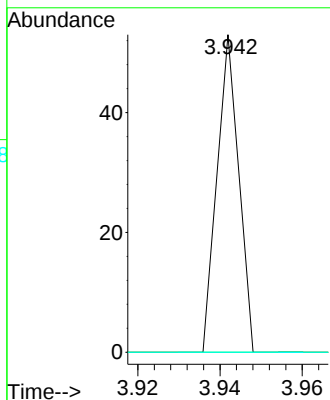
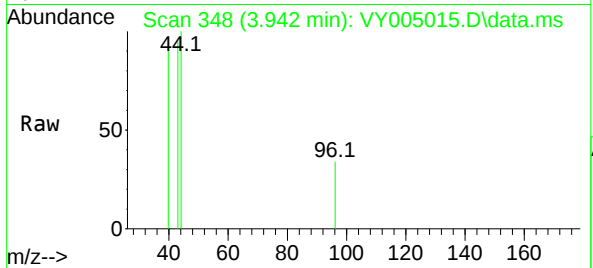




#12
1,1-Dichloroethene
Concen: 1.242 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.061 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

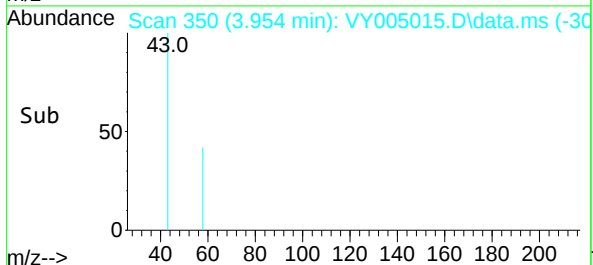
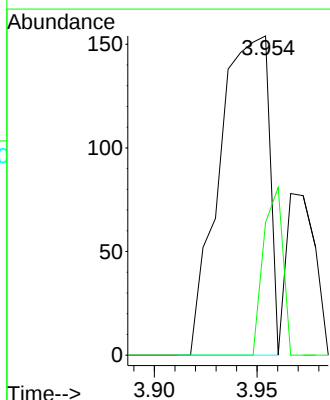
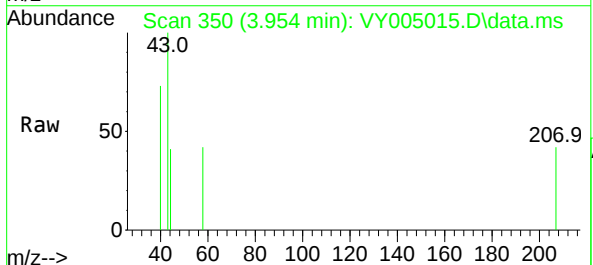
Instrument :
MSVOA_Y
ClientSampleId :

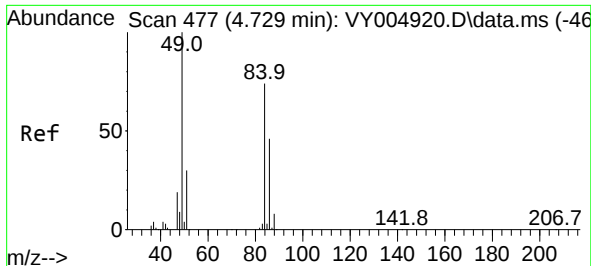
Tgt Ion: 96 Resp: 19
Ion Ratio Lower Upper
96 100
61 0.0 132.2 198.4#
98 0.0 49.8 74.6#



#16
Acetone
Concen: 68.395 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

Tgt Ion: 43 Resp: 259
Ion Ratio Lower Upper
43 100
58 41.6 25.3 37.9#





#20

Methylene Chloride

Concen: 9.833 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.007 min

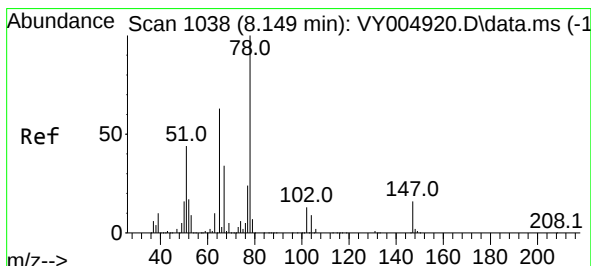
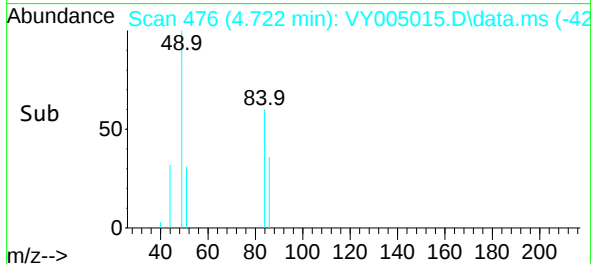
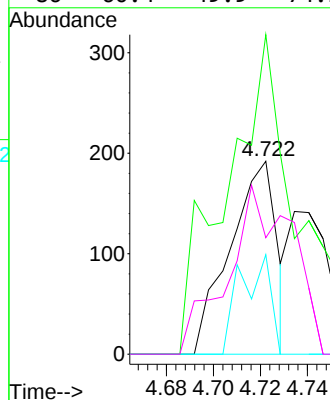
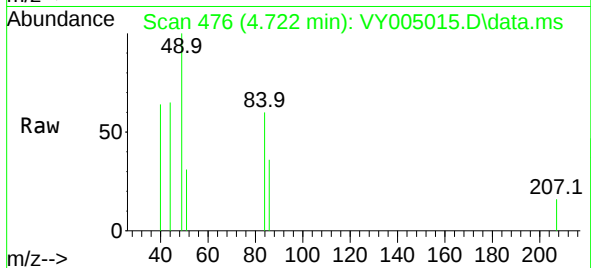
Lab File: VY005015.D

Acq: 08 Jun 2021 12:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 266

Ion	Ratio	Lower	Upper
84	100		
49	165.6	108.0	162.0#
51	51.6	32.6	48.8#
86	60.4	49.9	74.9



#33

1,2-Dichloroethane-d4

Concen: 109.721 ug/l

RT: 8.142 min Scan# 1037

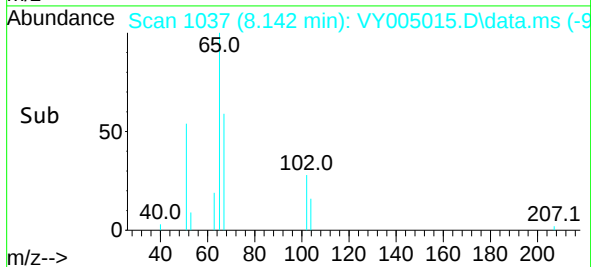
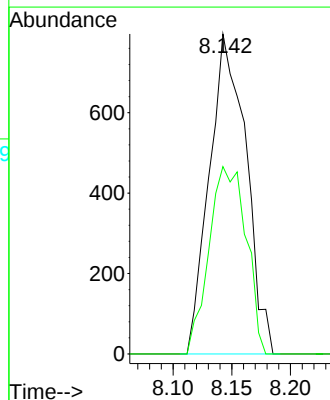
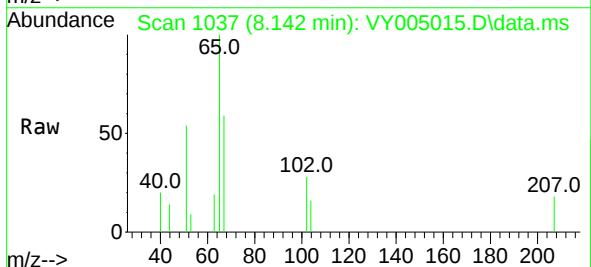
Delta R.T. -0.006 min

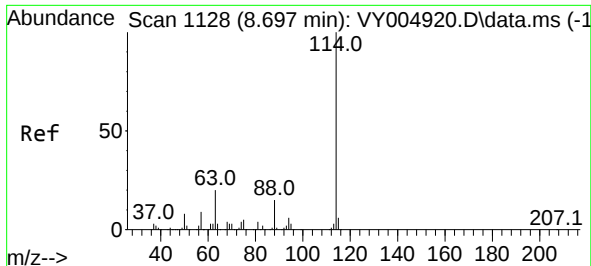
Lab File: VY005015.D

Acq: 08 Jun 2021 12:20

Tgt Ion: 65 Resp: 1726

Ion	Ratio	Lower	Upper
65	100		
67	59.4	0.0	110.6

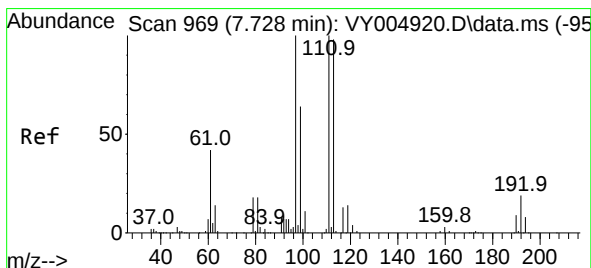
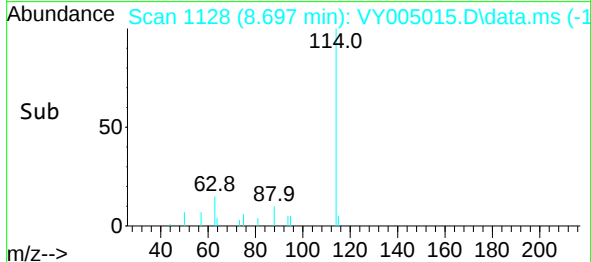
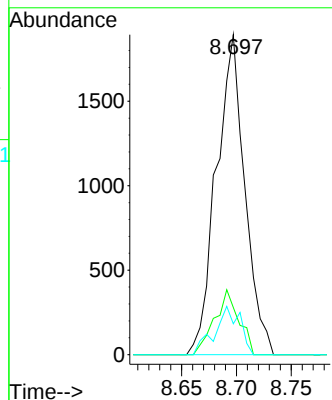
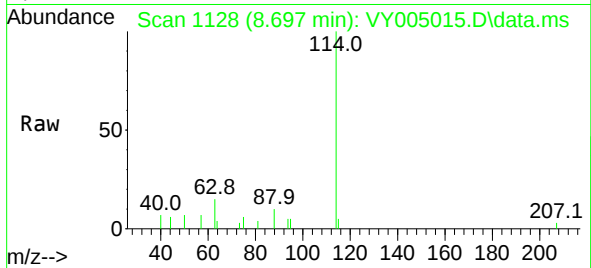




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

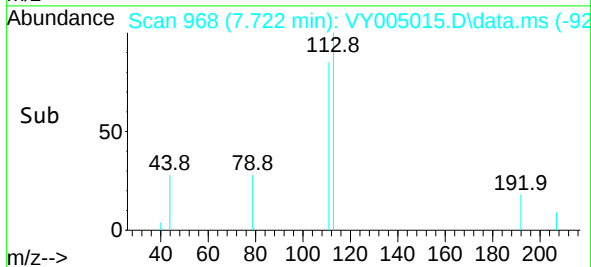
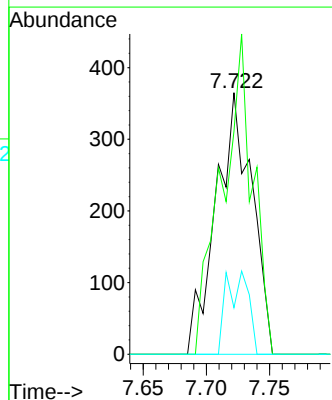
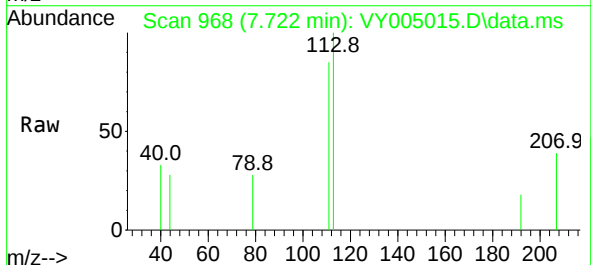
Instrument :
MSVOA_Y
ClientSampleId :

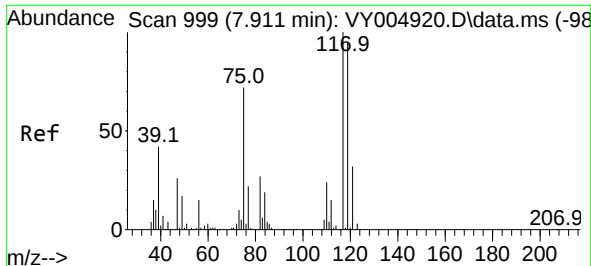
Tgt Ion:114	Resp:	3420
Ion	Ratio	Lower Upper
114	100	
63	14.7	0.0 41.0
88	9.7	0.0 30.6



#35
Dibromofluoromethane
Concen: 39.185 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

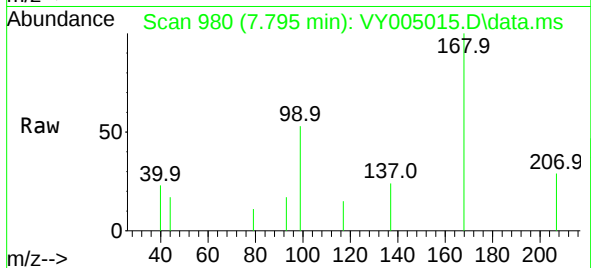
Tgt Ion:113	Resp:	721
Ion	Ratio	Lower Upper
113	100	
111	106.0	81.8 122.8
192	19.1	15.3 22.9



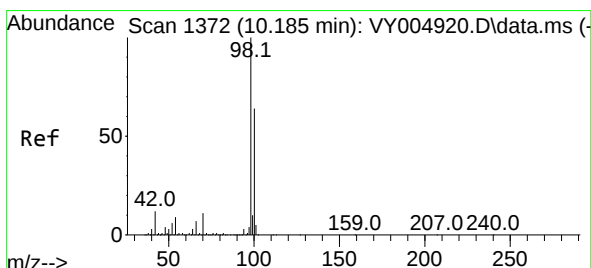
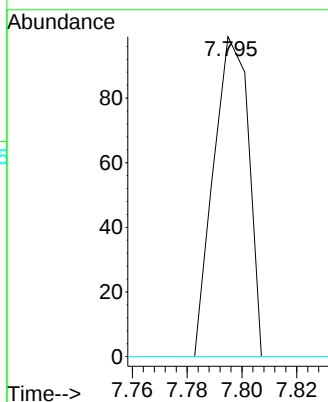
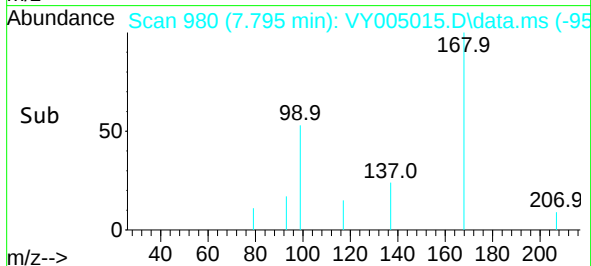


#38
Carbon Tetrachloride
Concen: 3.021 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

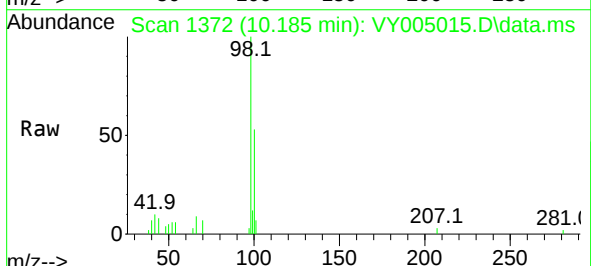
Instrument :
MSVOA_Y
ClientSampleId :



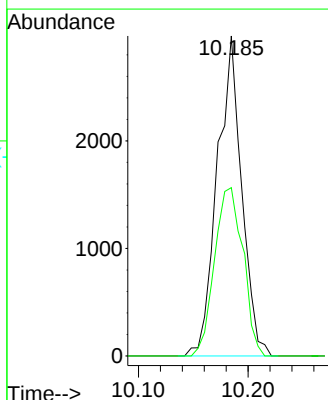
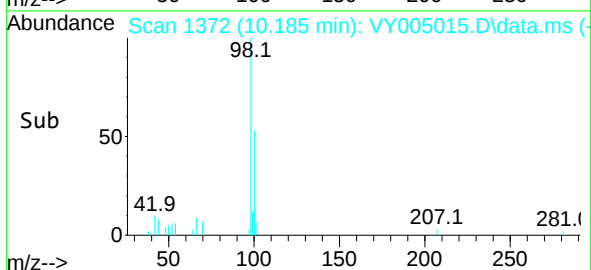
Tgt Ion:117 Resp: 88
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 25.5 38.3#

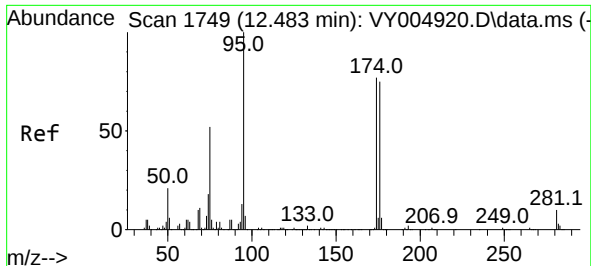


#50
Toluene-d8
Concen: 60.405 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20



Tgt Ion: 98 Resp: 4616
Ion Ratio Lower Upper
98 100
100 61.0 51.8 77.6

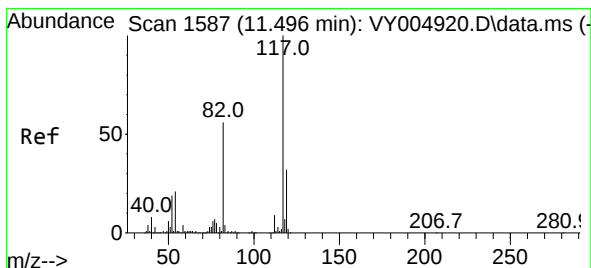
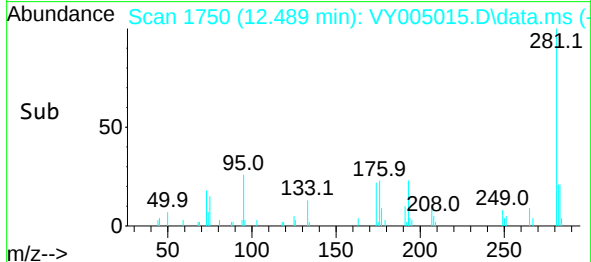
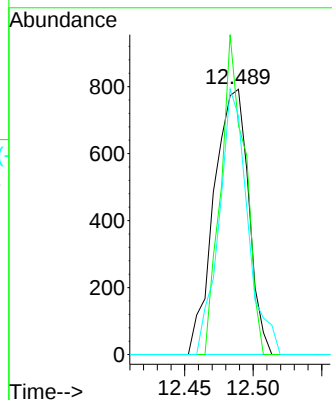
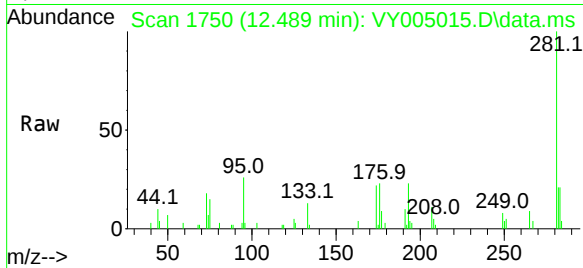




#62
4-Bromofluorobenzene
Concen: 52.889 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

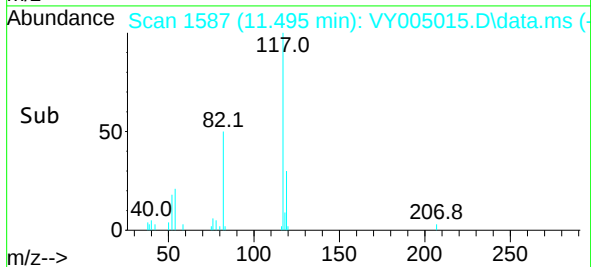
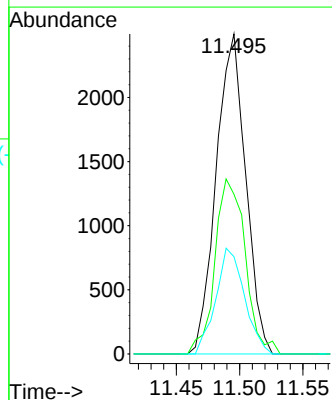
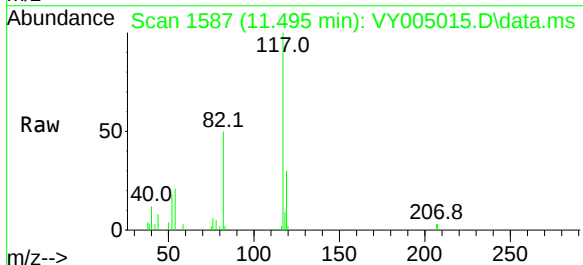
Instrument :
MSVOA_Y
ClientSampleId :

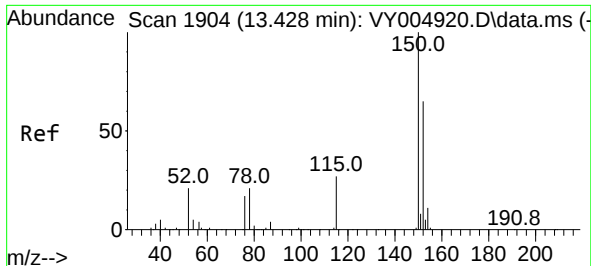
Tgt Ion: 95 Resp: 1390
Ion Ratio Lower Upper
95 100
174 84.3 0.0 160.8
176 82.8 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

Tgt Ion: 117 Resp: 4040
Ion Ratio Lower Upper
117 100
82 49.9 44.8 67.2
119 30.4 25.2 37.8

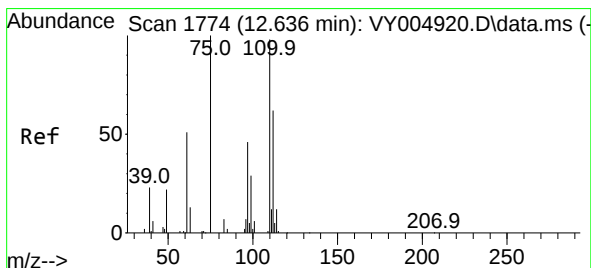
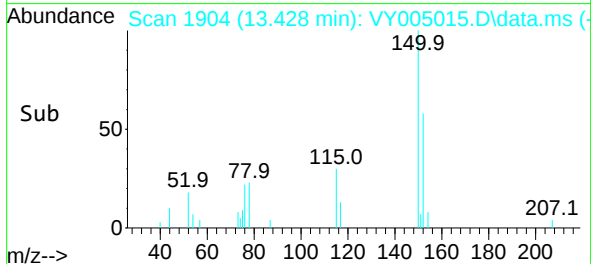
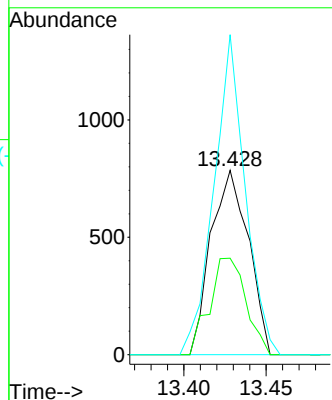
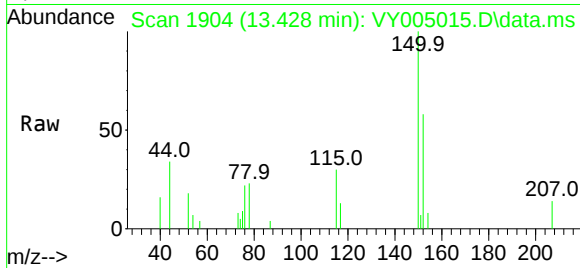




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005015.D
 Acq: 08 Jun 2021 12:20

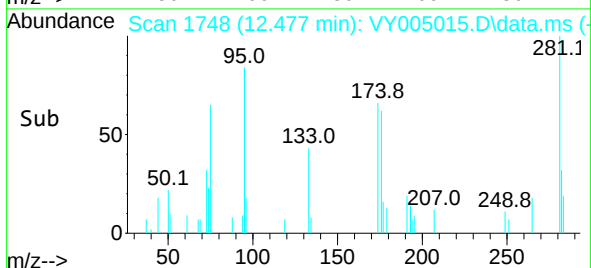
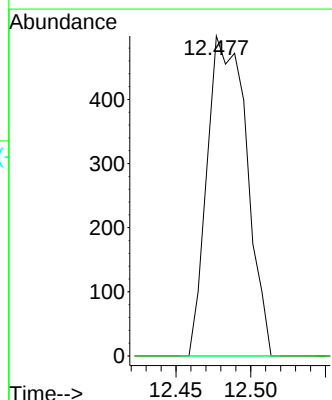
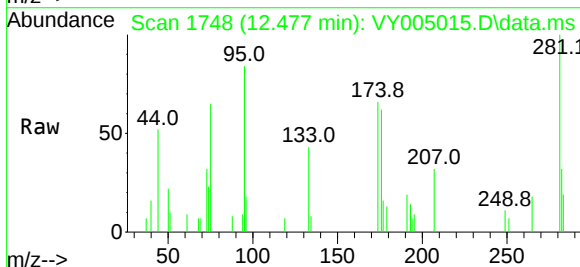
Instrument :
 MSVOA_Y
 ClientSampled :

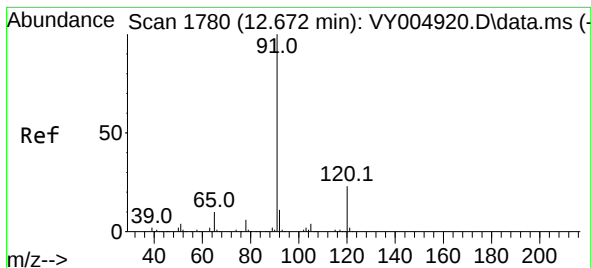
Tgt Ion:152 Resp: 1247
 Ion Ratio Lower Upper
 152 100
 115 50.8 29.9 89.7
 150 144.5 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 66.937 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY005015.D
 Acq: 08 Jun 2021 12:20

Tgt Ion: 75 Resp: 915
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 1.638 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.012 min

Lab File: VY005015.D

Acq: 08 Jun 2021 12:20

Tgt Ion: 91 Resp: 186

Ion Ratio Lower Upper

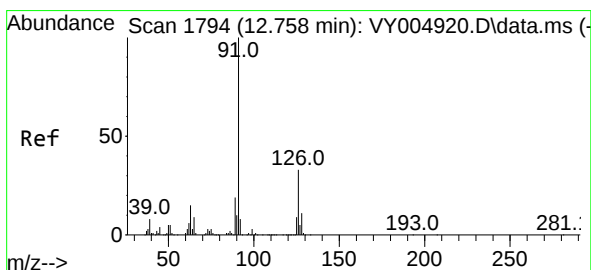
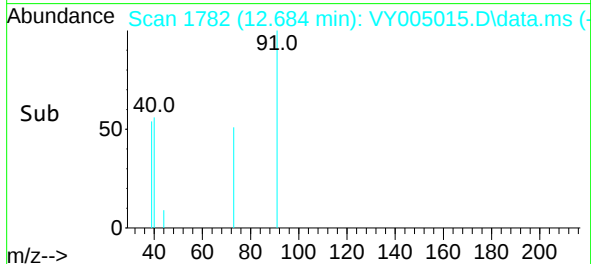
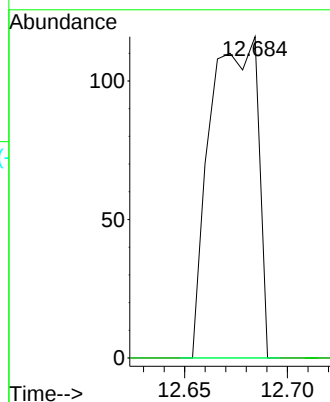
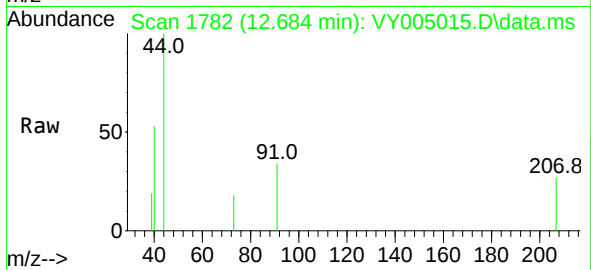
91 100

120 0.0 11.2 33.6#

Instrument :

MSVOA_Y

ClientSampled :



#79

2-Chlorotoluene

Concen: 2.939 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.073 min

Lab File: VY005015.D

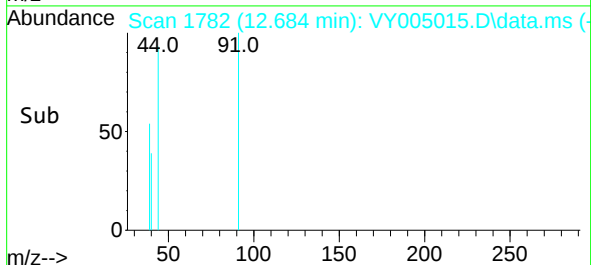
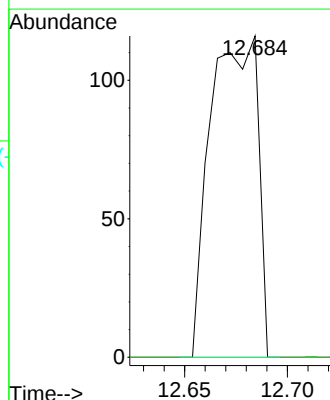
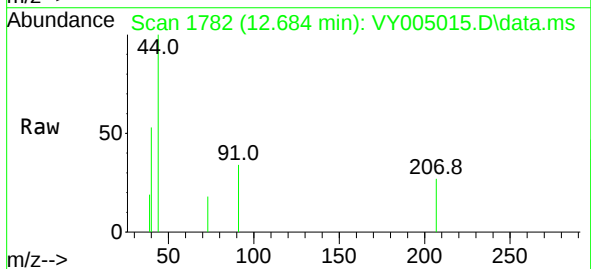
Acq: 08 Jun 2021 12:20

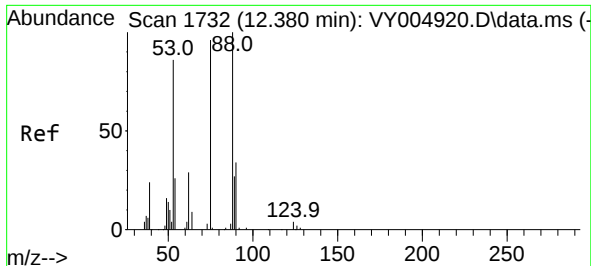
Tgt Ion: 91 Resp: 186

Ion Ratio Lower Upper

91 100

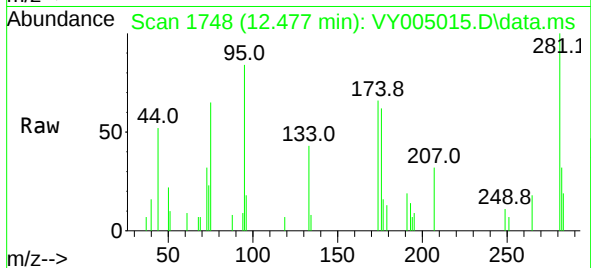
126 0.0 16.8 50.3#



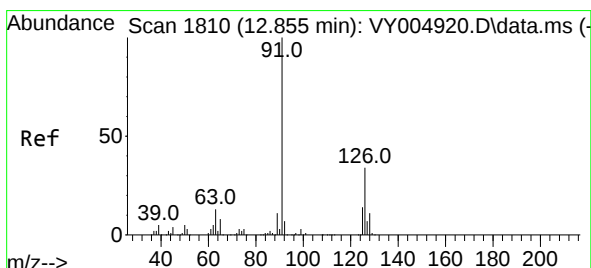
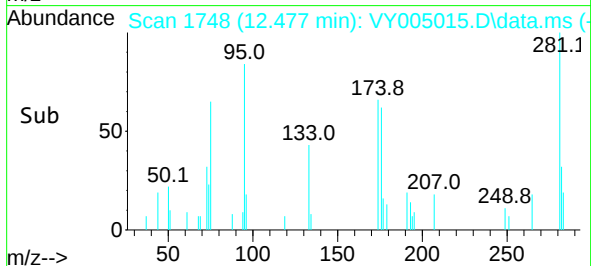
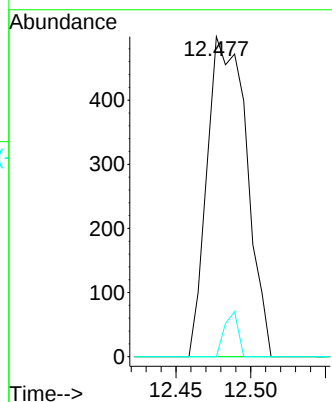


#81
trans-1,4-Dichloro-2-butene
Concen: 123.016 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

Instrument :
MSVOA_Y
ClientSampleId :

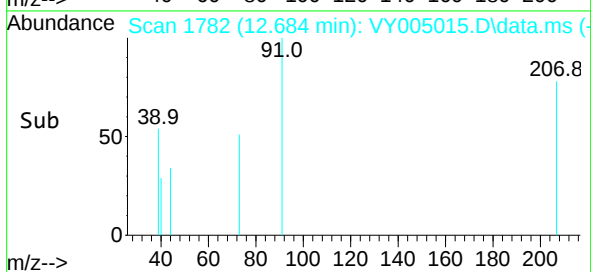
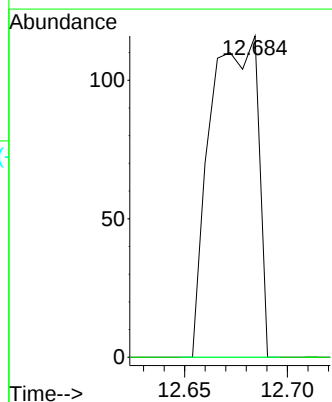
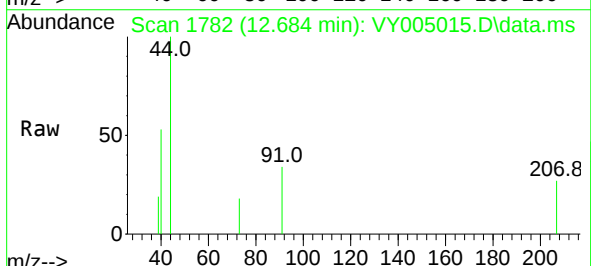


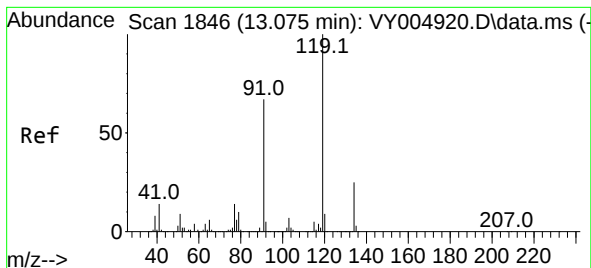
Tgt Ion: 75 Resp: 915
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 4.9 35.0 52.6#



#82
4-Chlorotoluene
Concen: 2.876 ug/l
RT: 12.684 min Scan# 1782
Delta R.T. -0.171 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

Tgt Ion: 91 Resp: 186
Ion Ratio Lower Upper
91 100
126 0.0 17.0 50.9#

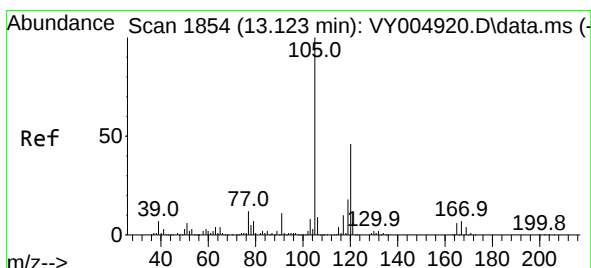
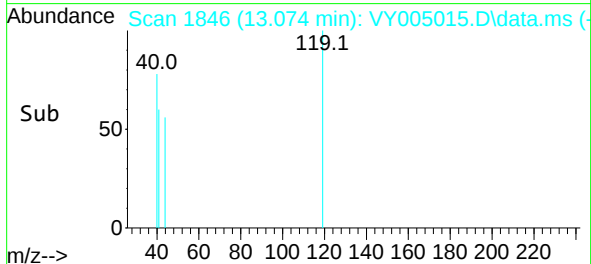
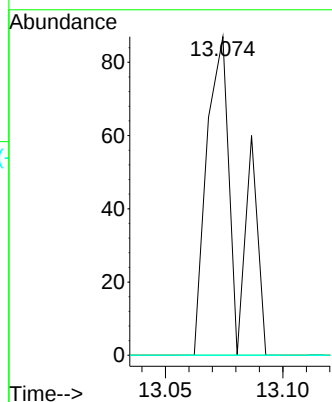
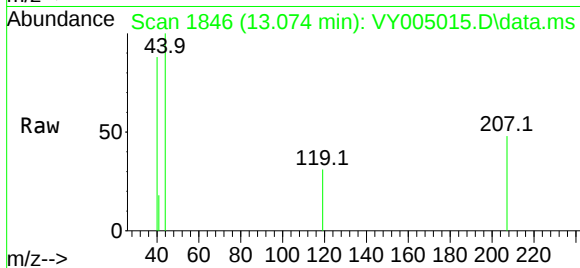




#83
tert-Butylbenzene
Concen: 1.187 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

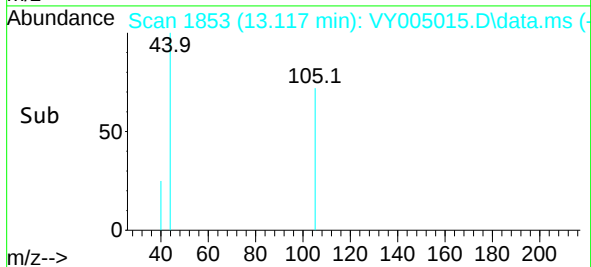
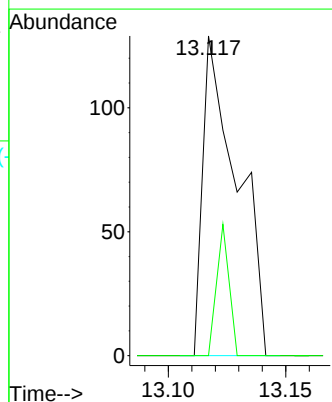
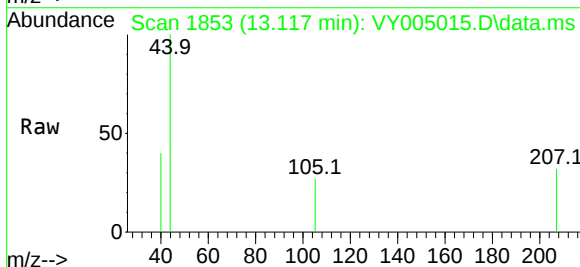
Instrument :
MSVOA_Y
ClientSampleId :

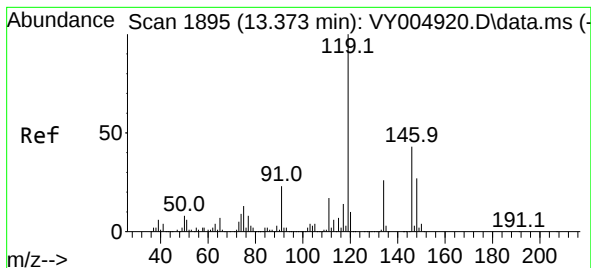
Tgt Ion:119 Resp: 78
Ion Ratio Lower Upper
119 100
91 0.0 32.3 96.9#
134 0.0 12.7 38.1#



#84
1,2,4-Trimethylbenzene
Concen: 1.709 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

Tgt Ion:105 Resp: 132
Ion Ratio Lower Upper
105 100
120 14.4 22.6 67.7#

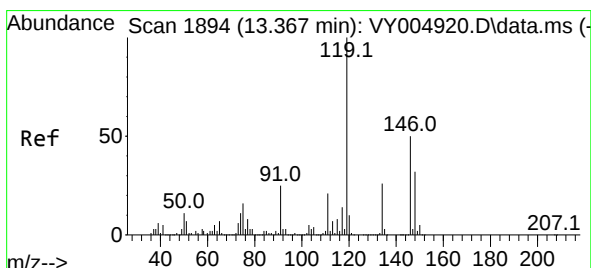
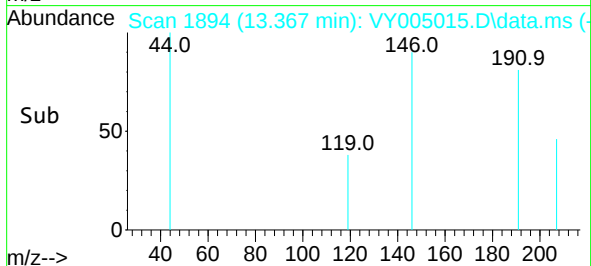
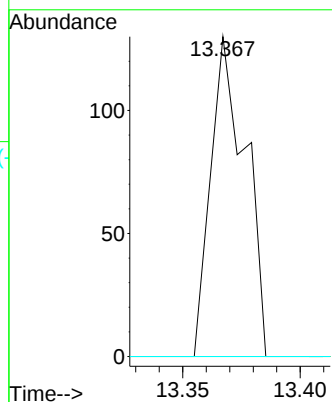
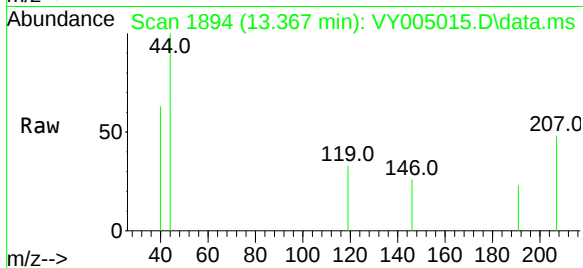




#86
p-Isopropyltoluene
Concen: 1.620 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.006 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

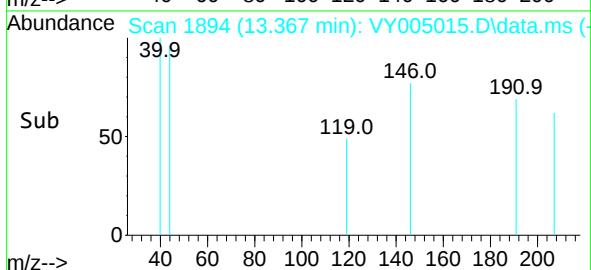
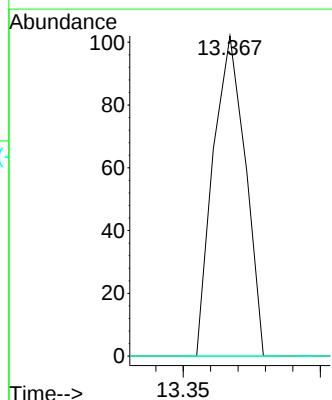
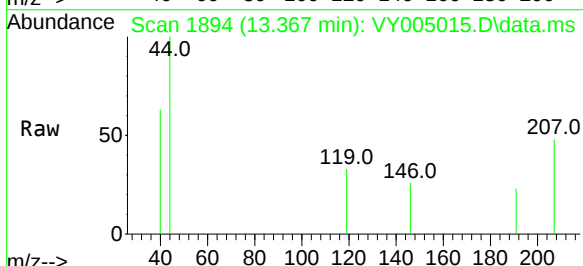
Instrument :
MSVOA_Y
ClientSampleId :

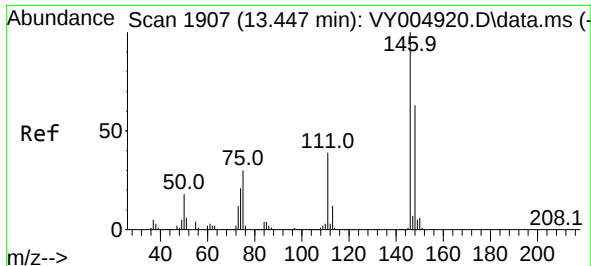
Tgt Ion:119 Resp: 133
Ion Ratio Lower Upper
119 100
134 0.0 12.9 38.7#
91 0.0 11.9 35.5#



#87
1,3-Dichlorobenzene
Concen: 2.072 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

Tgt Ion:146 Resp: 83
Ion Ratio Lower Upper
146 100
111 0.0 20.2 60.5#
148 0.0 31.6 94.8#

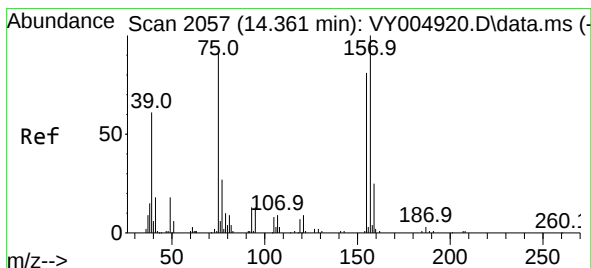
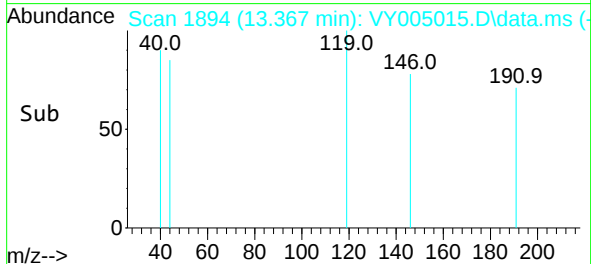
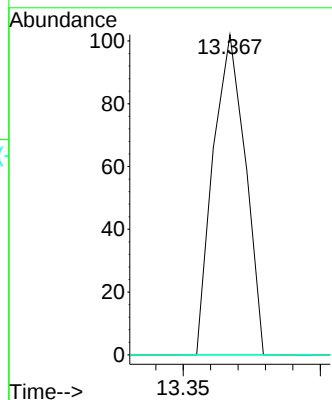
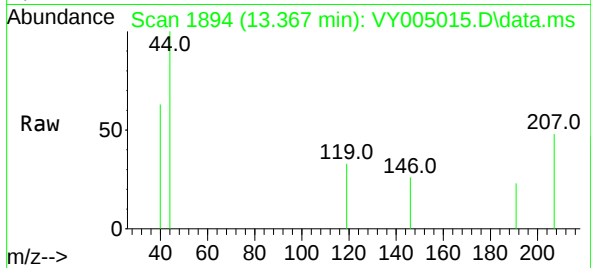




#88
1,4-Dichlorobenzene
Concen: 2.077 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.080 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

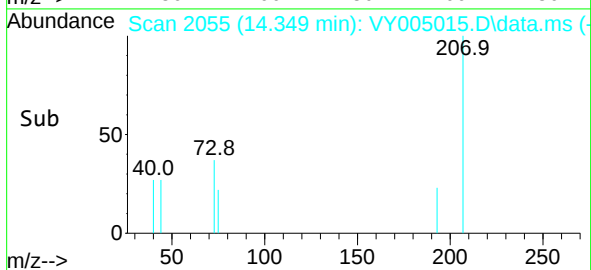
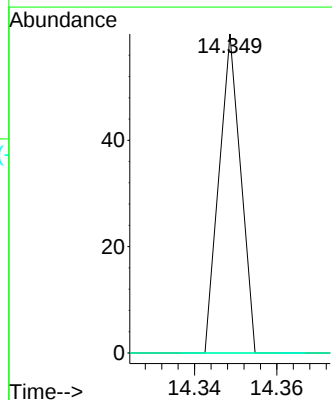
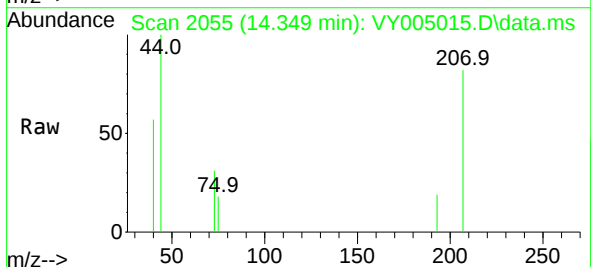
Instrument :
MSVOA_Y
ClientSampleId :

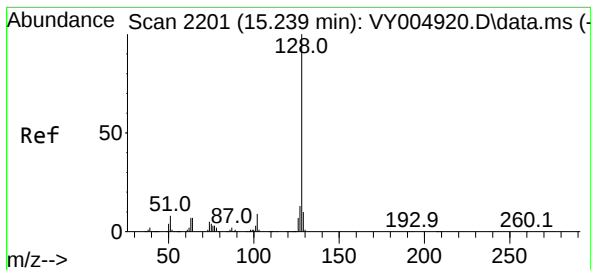
Tgt Ion:146 Resp: 83
Ion Ratio Lower Upper
146 100
111 0.0 20.0 60.0#
148 0.0 31.9 95.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.027 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.012 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
155 0.0 42.9 128.5#
157 0.0 54.1 162.4#





#95
Naphthalene
Concen: 1.821 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY005015.D
Acq: 08 Jun 2021 12:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 89
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.7 13.1#

