

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005256.D
 Acq On : 28 Jun 2021 17:56
 Operator : SY/MD
 Sample : M2856-01
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

Quant Time: Jun 29 01:19:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

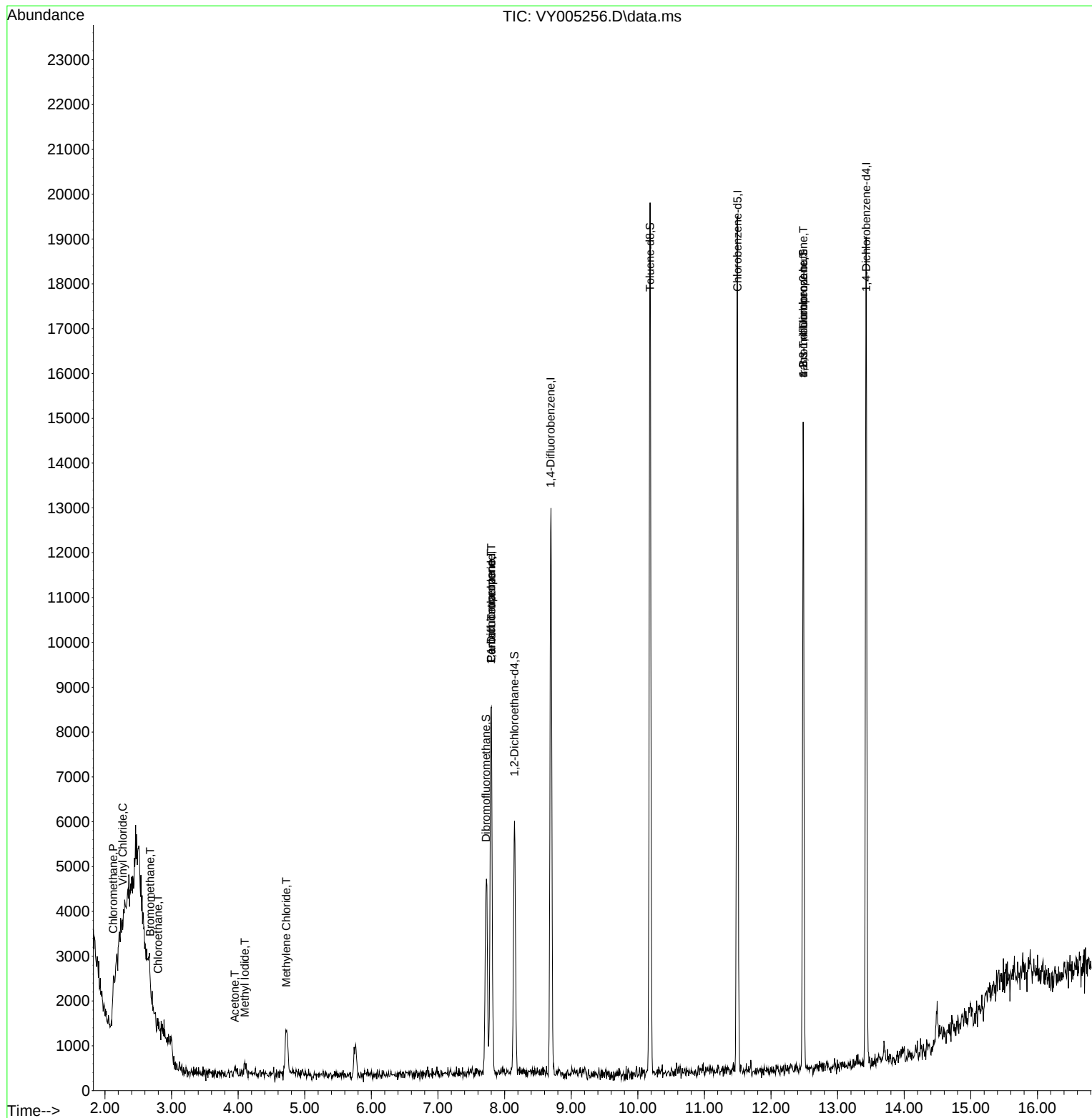
Internal Standards						
1) Pentafluorobenzene	7.801	168	7569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	11269	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	11225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5071	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4362	69.446	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.900%			
35) Dibromofluoromethane	7.722	113	3223	48.496	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.000%			
50) Toluene-d8	10.185	98	13141	49.444	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.880%			
62) 4-Bromofluorobenzene	12.483	95	4241	47.886	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 95.780%			
Target Compounds						Qvalue
3) Chloromethane	2.125	50	369	5.567	ug/l #	40
4) Vinyl Chloride	2.265	62	367	4.843	ug/l #	42
5) Bromomethane	2.680	94	318	6.615	ug/l #	79
6) Chloroethane	2.796	64	209	4.217	ug/l #	42
10) Methyl Iodide	4.101	142	482	5.463	ug/l #	68
16) Acetone	3.948	43	74	5.100	ug/l #	40
20) Methylene Chloride	4.722	84	807	2.080	ug/l	96
36) 1,1-Dichloropropene	7.795	75	480	4.837	ug/l #	40
38) Carbon Tetrachloride	7.801	117	618	5.949	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1931	42.936	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1931	80.108	ug/l #	17

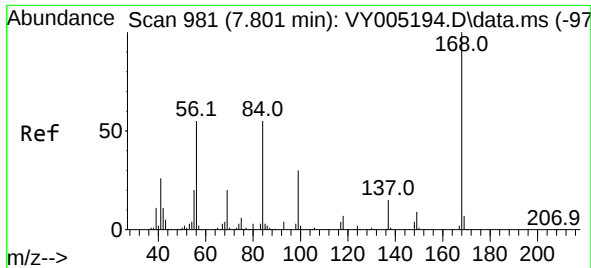
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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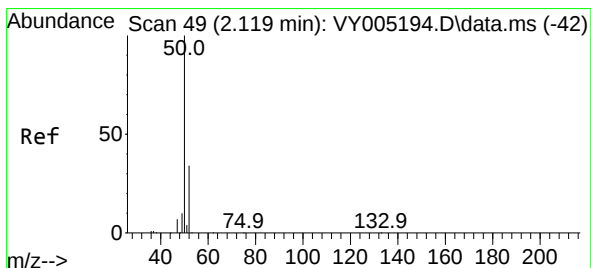
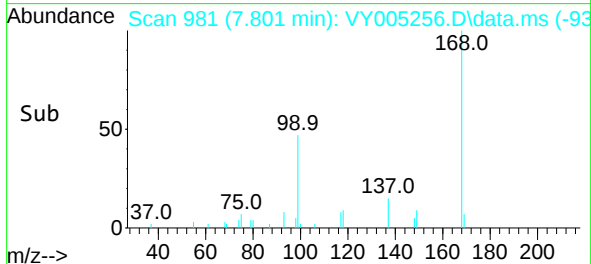
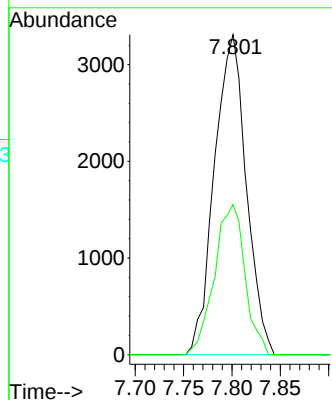
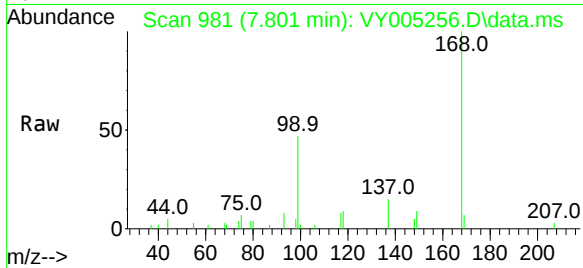




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

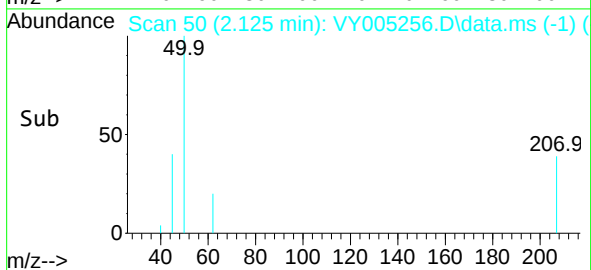
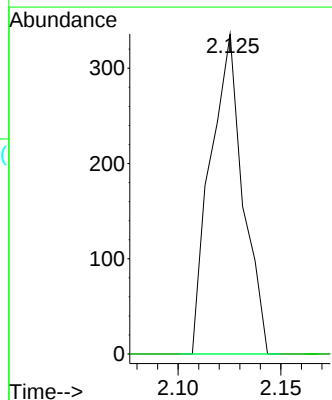
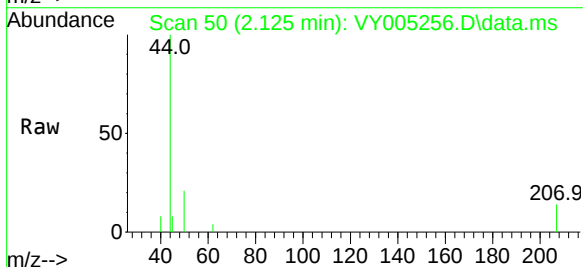
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

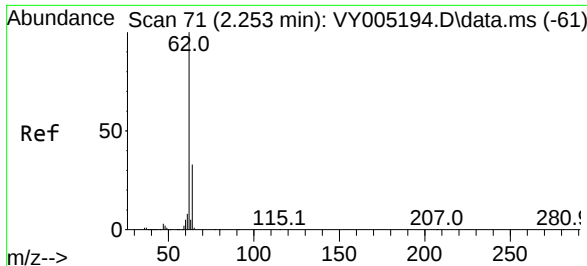
Tgt Ion:168 Resp: 7569
Ion Ratio Lower Upper
168 100
99 47.0 36.2 54.4



#3
Chloromethane
Concen: 5.567 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

Tgt Ion: 50 Resp: 369
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.2#

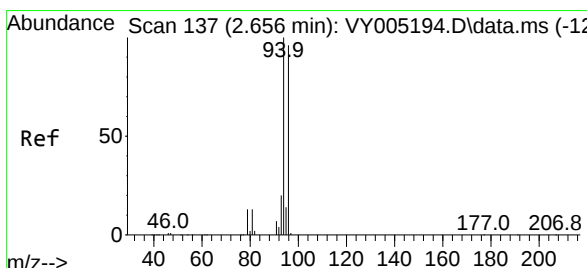
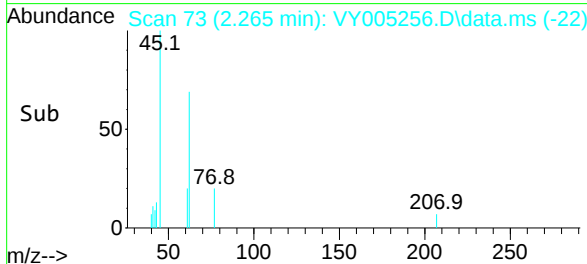
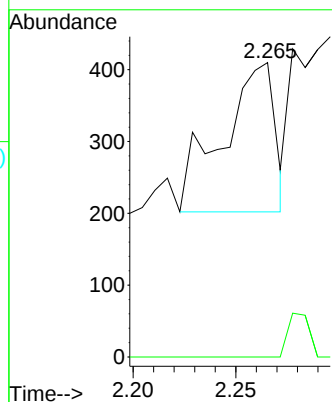
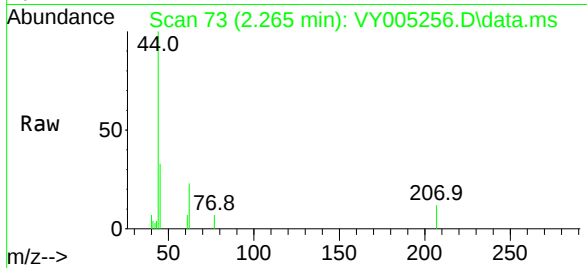




#4
 Vinyl Chloride
 Concen: 4.843 ug/l
 RT: 2.265 min Scan# 73
 Delta R.T. 0.012 min
 Lab File: VY005256.D
 Acq: 28 Jun 2021 17:56

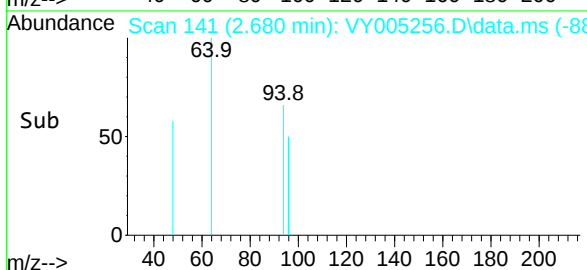
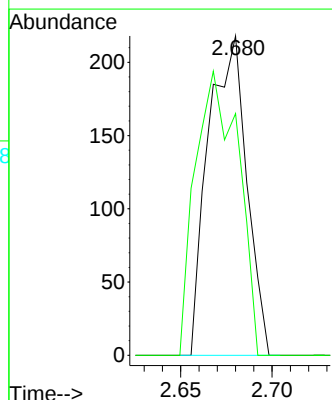
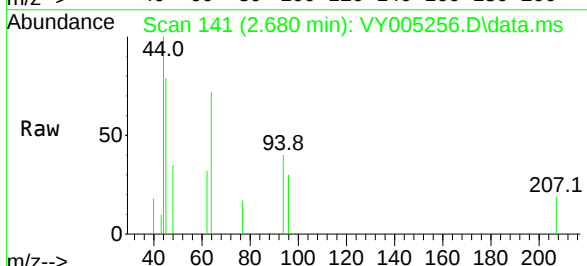
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

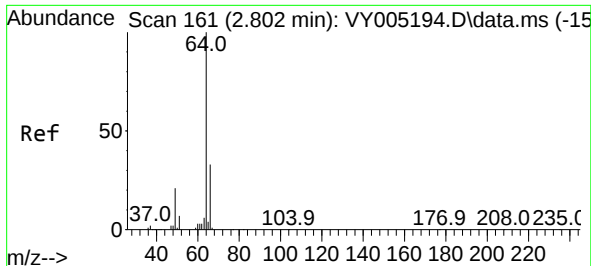
Tgt Ion: 62 Resp: 367
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#5
 Bromomethane
 Concen: 6.615 ug/l
 RT: 2.680 min Scan# 141
 Delta R.T. 0.024 min
 Lab File: VY005256.D
 Acq: 28 Jun 2021 17:56

Tgt Ion: 94 Resp: 318
 Ion Ratio Lower Upper
 94 100
 96 75.7 76.9 115.3#

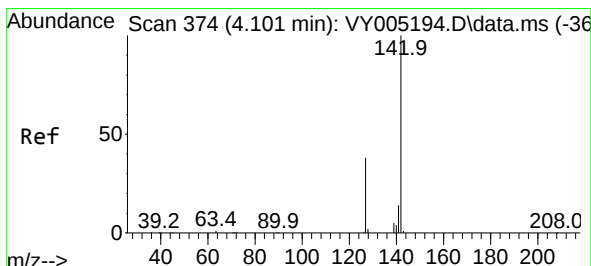
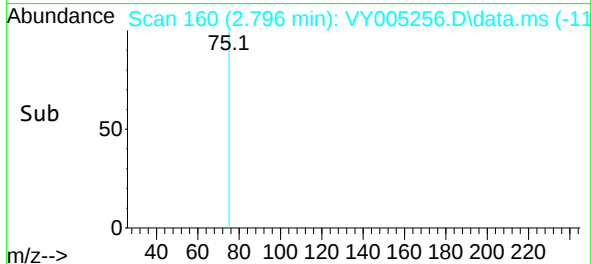
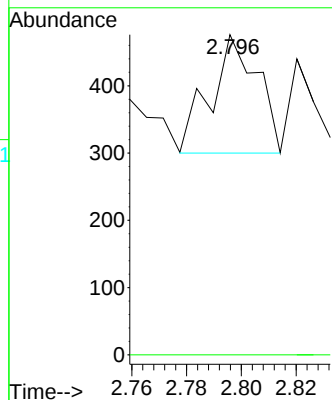
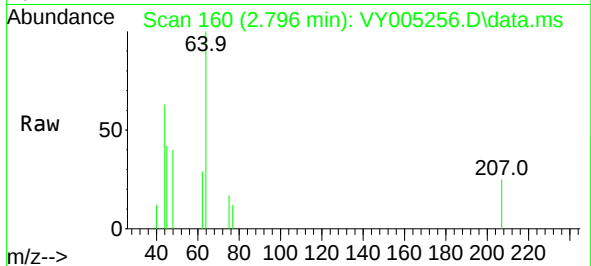




#6
Chloroethane
Concen: 4.217 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

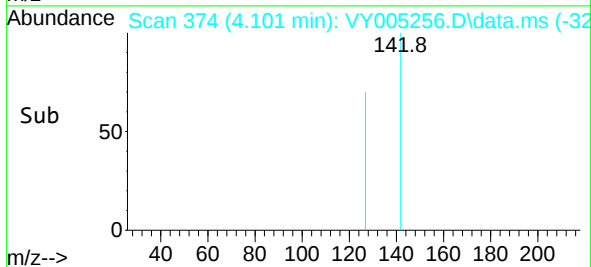
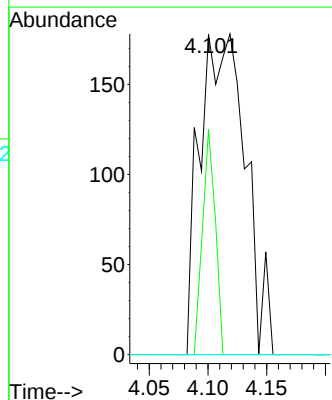
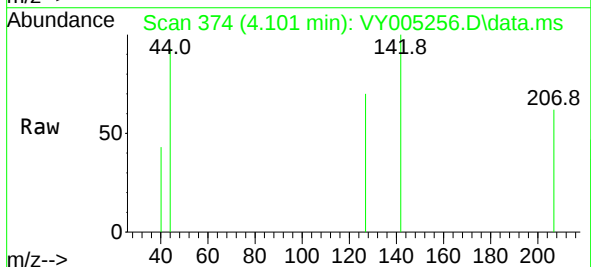
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

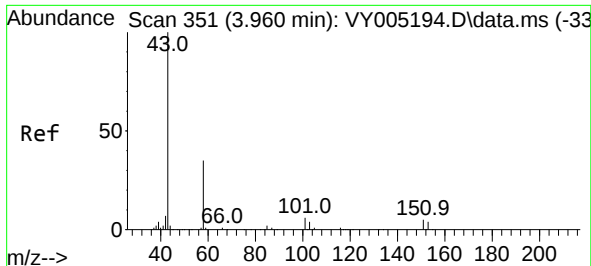
Tgt Ion: 64 Resp: 209
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#



#10
Methyl Iodide
Concen: 5.463 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

Tgt Ion: 142 Resp: 482
Ion Ratio Lower Upper
142 100
127 19.7 31.3 46.9#
141 0.0 11.3 16.9#

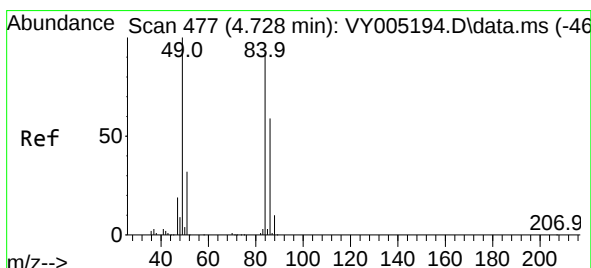
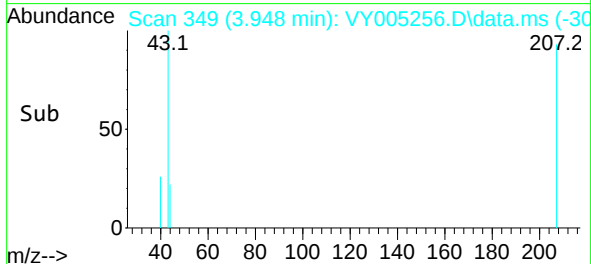
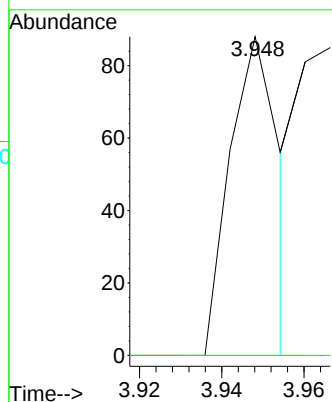
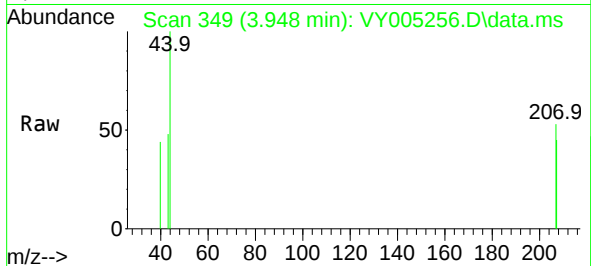




#16
Acetone
Concen: 5.100 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

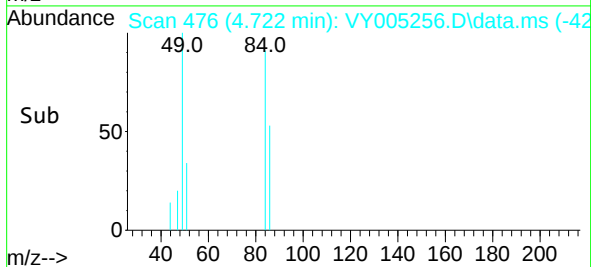
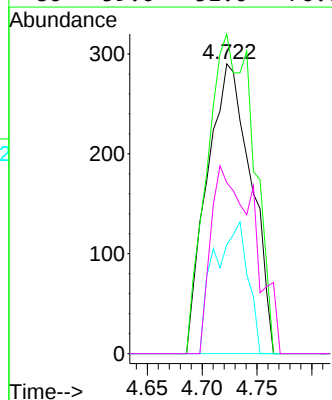
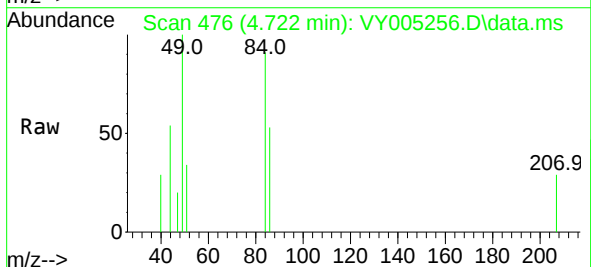
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

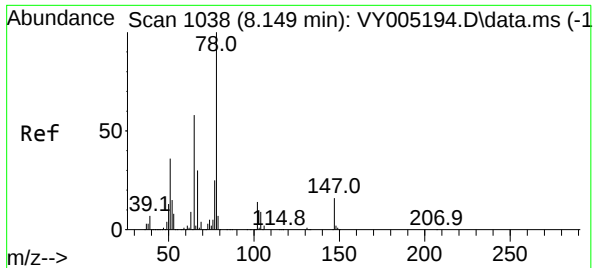
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



#20
Methylene Chloride
Concen: 2.080 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

Tgt Ion: 84 Resp: 807
Ion Ratio Lower Upper
84 100
49 110.3 86.9 130.3
51 37.6 27.4 41.2
86 59.0 51.0 76.6

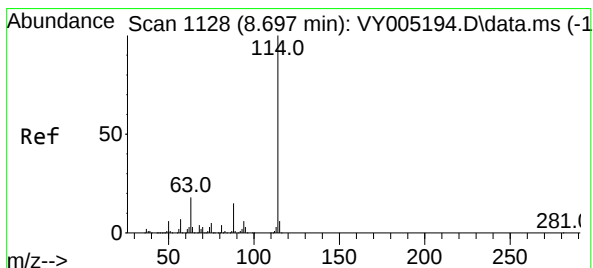
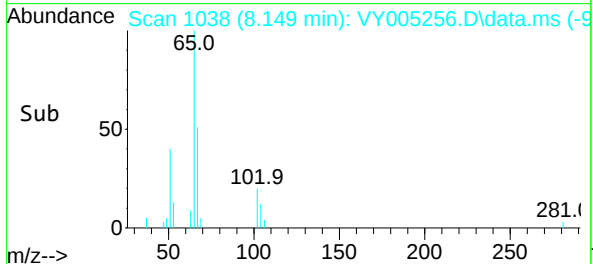
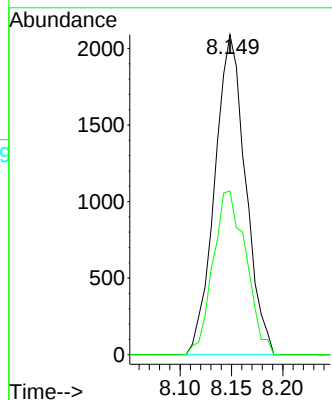
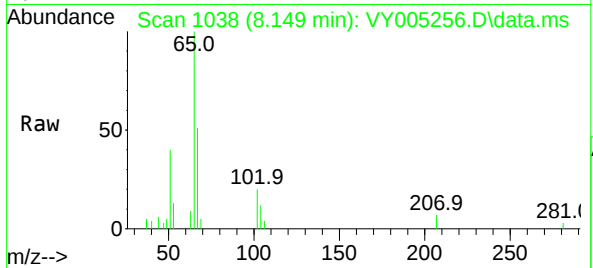




#33
1,2-Dichloroethane-d4
Concen: 69.446 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

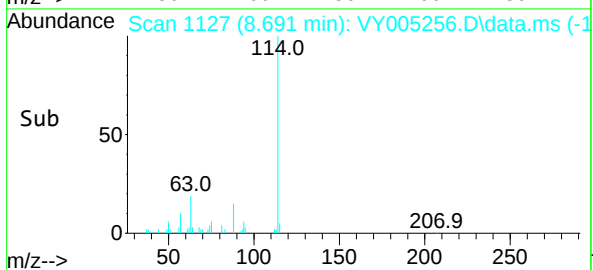
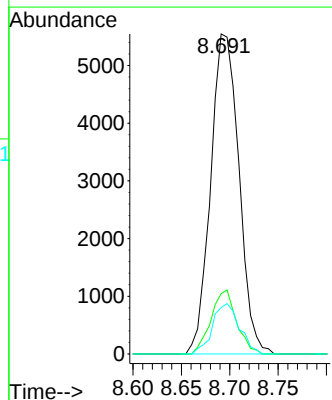
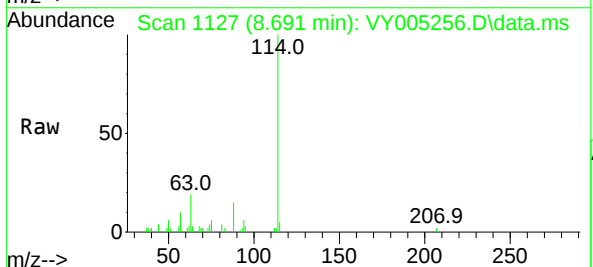
Instrument :
MSVOA_Y
ClientSampled :
SB-01-9.5-10.0

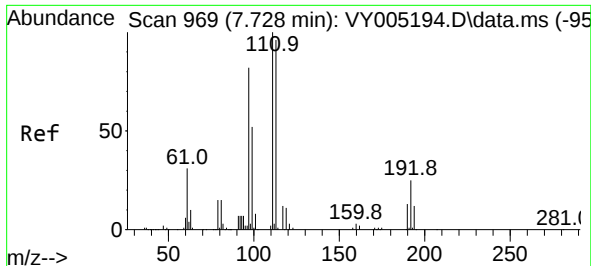
Tgt Ion: 65 Resp: 4362
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

Tgt Ion:114 Resp: 11269
Ion Ratio Lower Upper
114 100
63 18.9 0.0 35.2
88 14.5 0.0 29.4

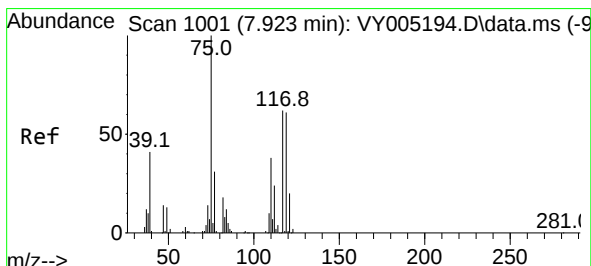
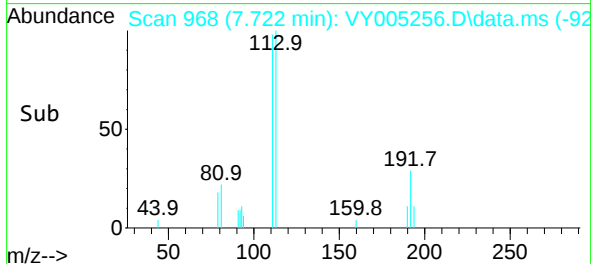
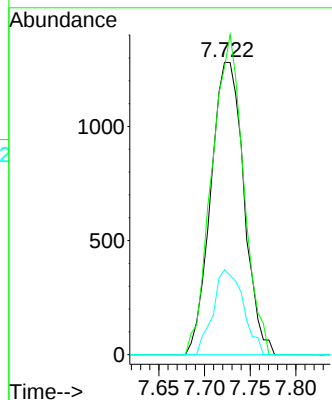
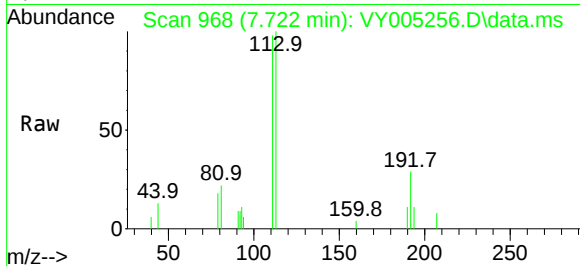




#35
Dibromofluoromethane
Concen: 48.496 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

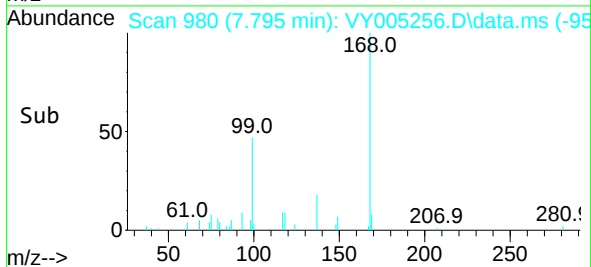
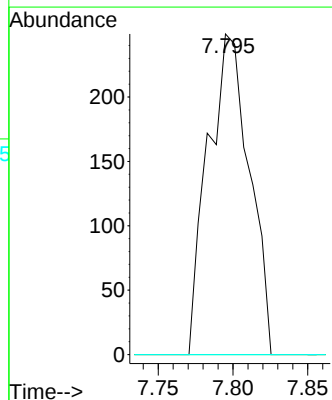
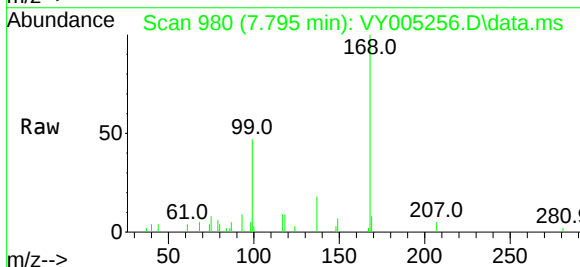
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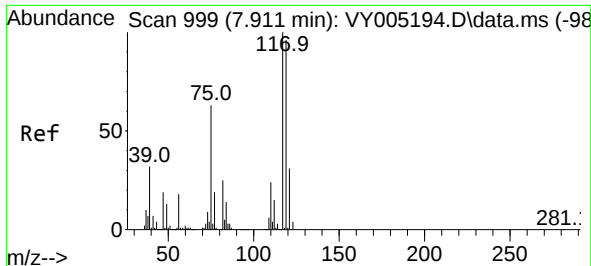
Tgt Ion:113 Resp: 3223
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 26.5 20.2 30.2



#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

Tgt Ion: 75 Resp: 480
Ion Ratio Lower Upper
75 100
110 0.0 19.1 57.5#
77 0.0 25.2 37.8#

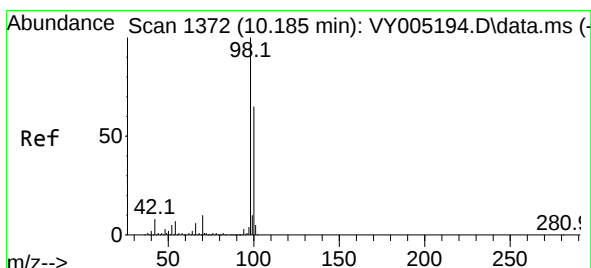
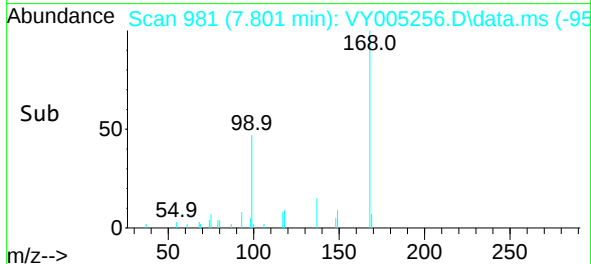
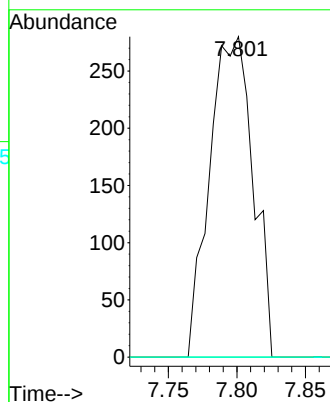
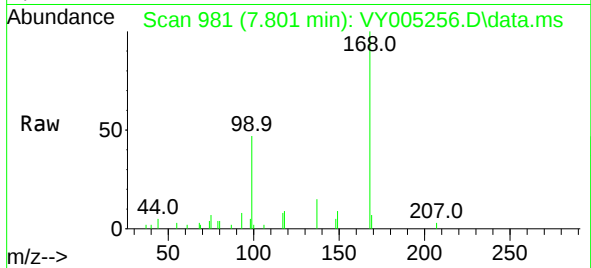




#38
Carbon Tetrachloride
Concen: 5.949 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

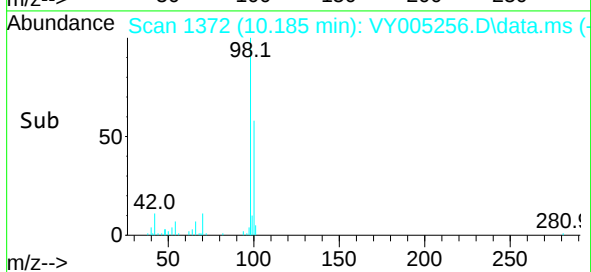
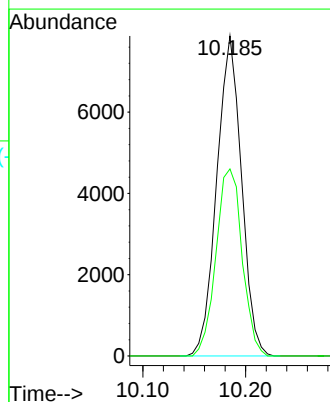
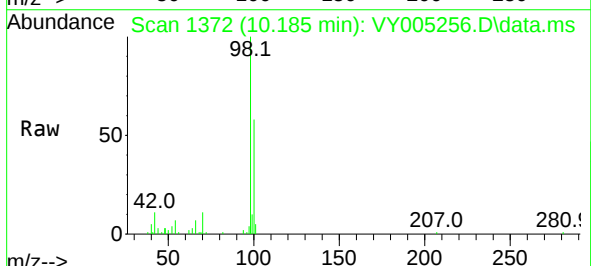
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

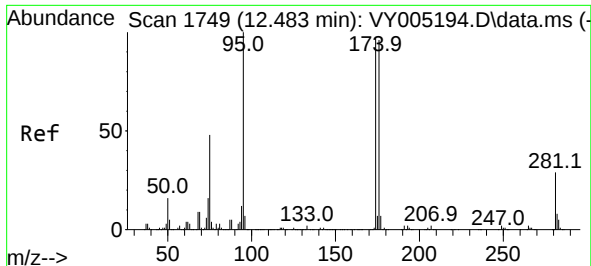
Tgt Ion:117 Resp: 618
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 49.444 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

Tgt Ion: 98 Resp: 13141
Ion Ratio Lower Upper
98 100
100 61.8 51.9 77.9

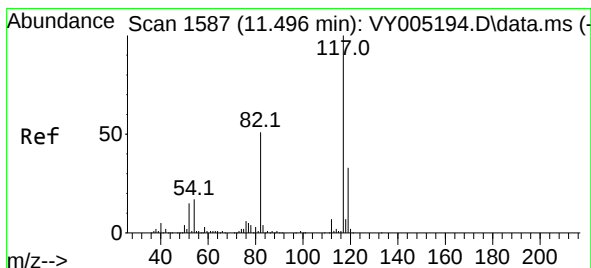
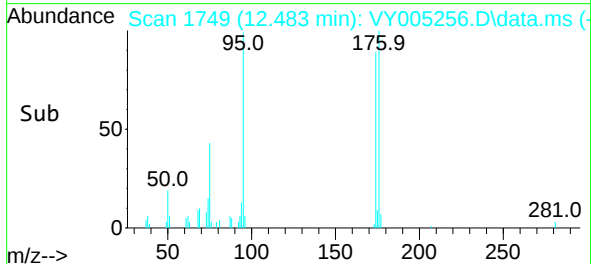
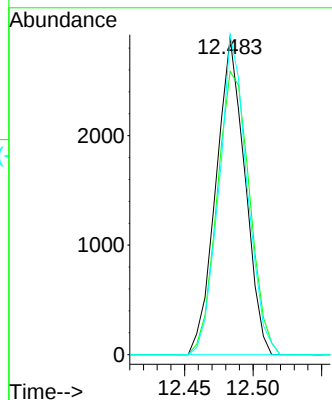
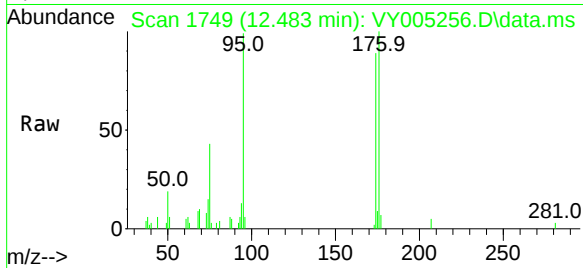




#62
4-Bromofluorobenzene
Concen: 47.886 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

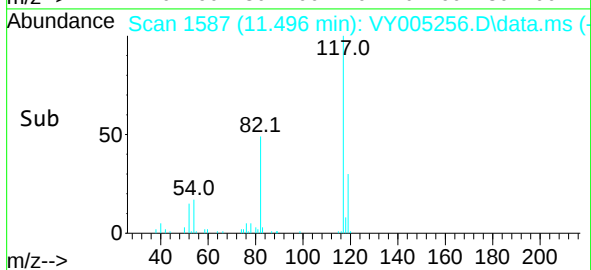
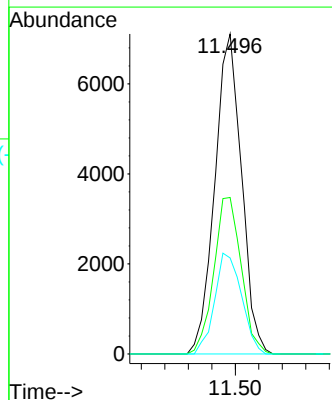
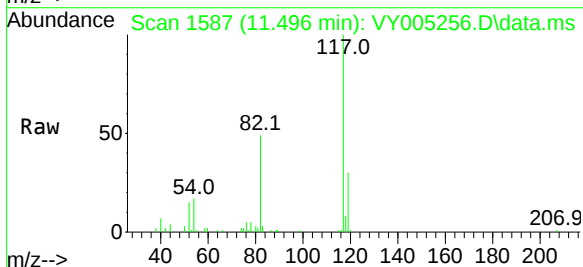
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-9.5-10.0

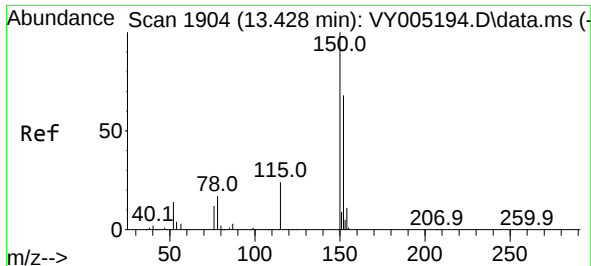
Tgt Ion:	95	Resp:	4241
Ion	Ratio	Lower	Upper
95	100		
174	100.3	0.0	201.6
176	98.4	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005256.D
Acq: 28 Jun 2021 17:56

Tgt Ion:	117	Resp:	11225
Ion	Ratio	Lower	Upper
117	100		
82	48.9	40.6	60.8
119	30.0	26.1	39.1

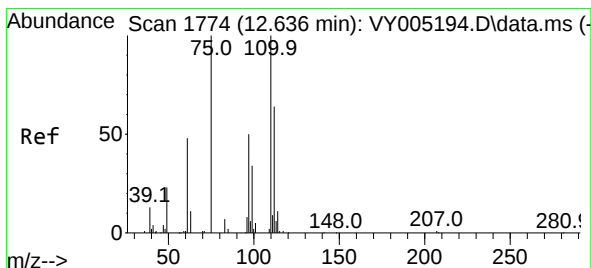
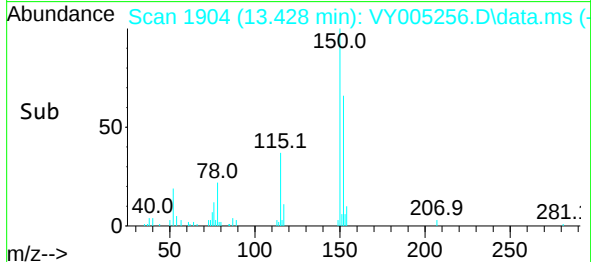
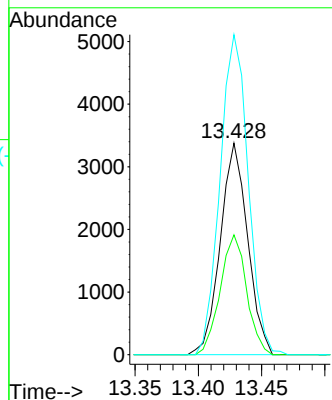
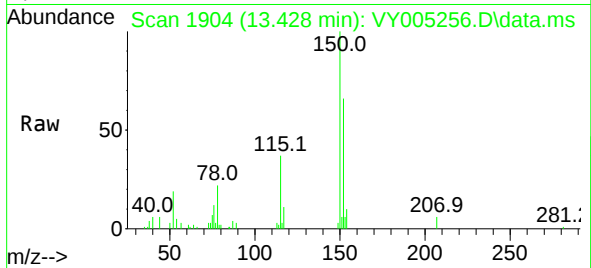




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005256.D
 Acq: 28 Jun 2021 17:56

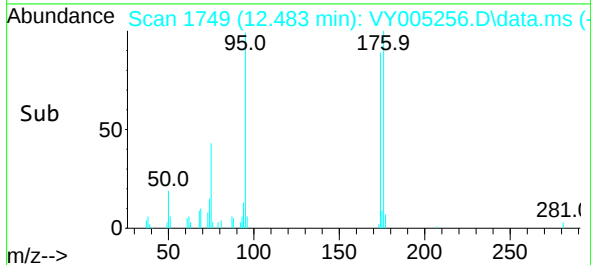
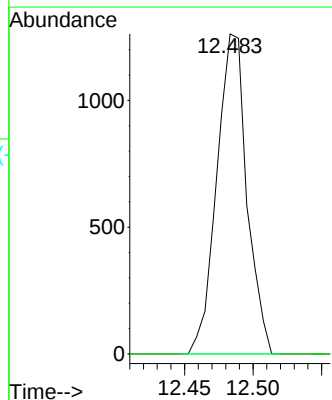
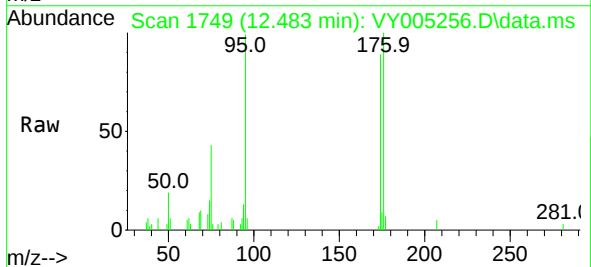
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0

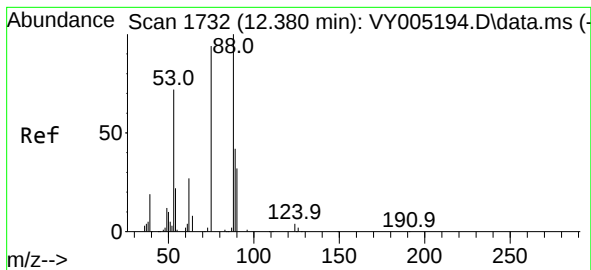
Tgt Ion:152 Resp: 5071
 Ion Ratio Lower Upper
 152 100
 115 54.7 26.3 78.8
 150 155.8 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 42.936 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005256.D
 Acq: 28 Jun 2021 17:56

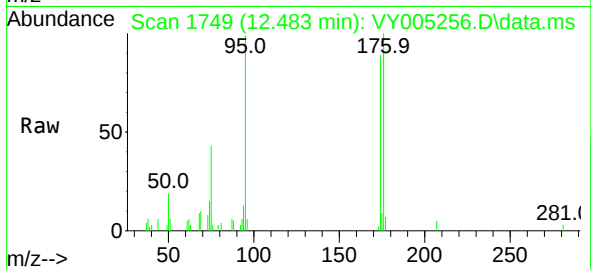
Tgt Ion: 75 Resp: 1931
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.108 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005256.D
 Acq: 28 Jun 2021 17:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-9.5-10.0



Tgt Ion:	75	Resp:	1931
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	38.0	57.0#

