

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005074.D
 Acq On : 10 Jun 2021 12:58
 Operator : SY/MD
 Sample : M2666-08RE
 Misc : 5.10G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:04:54 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)

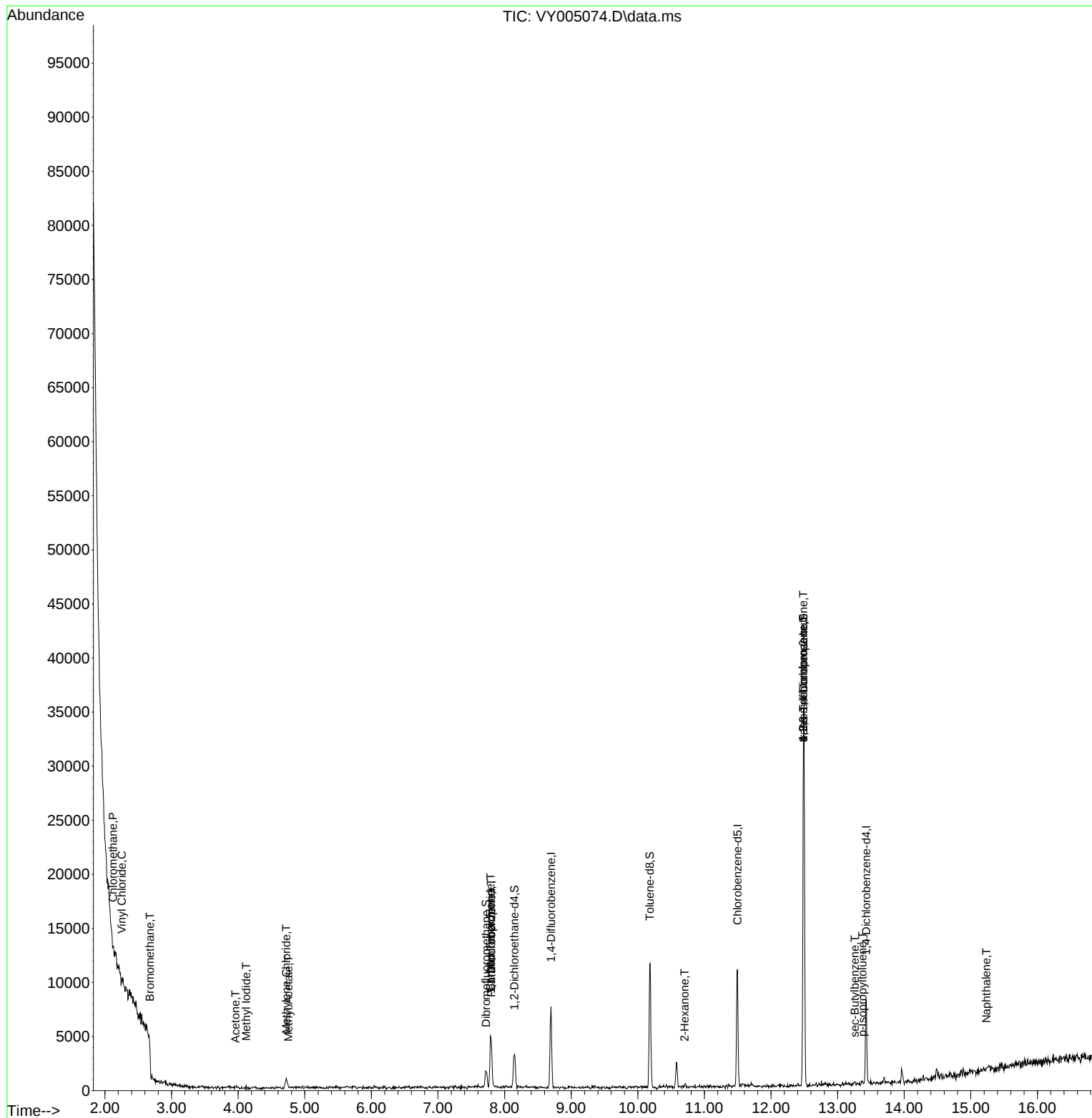
Internal Standards						
1) Pentafluorobenzene	7.801	168	4045	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	6259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	6254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	2652	62.017	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.040%	
35) Dibromofluoromethane	7.722	113	1216	36.111	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 72.220%	
50) Toluene-d8	10.179	98	7934	56.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.460%	
62) 4-Bromofluorobenzene	12.483	95	2076	43.162	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.320%	
Target Compounds						Qvalue
3) Chloromethane	2.119	50	318	6.340	ug/l	94
4) Vinyl Chloride	2.253	62	295	6.114	ug/l	# 43
5) Bromomethane	2.674	94	160	5.851	ug/l	84
10) Methyl Iodide	4.119	142	146	3.674	ug/l	# 41
16) Acetone	3.960	43	148	14.377	ug/l	# 43
18) Methyl Acetate	4.753	43	73	2.213	ug/l	# 53
20) Methylene Chloride	4.722	84	628	7.655	ug/l	# 68
36) 1,1-Dichloropropene	7.795	75	254	4.147	ug/l	# 41
38) Carbon Tetrachloride	7.789	117	428	8.029	ug/l	# 12
59) 2-Hexanone	10.703	43	180	7.022	ug/l	# 25
76) 1,2,3-Trichloropropane	12.483	75	1588	67.852	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	1588	124.698	ug/l	# 15
85) sec-Butylbenzene	13.257	105	165	1.007	ug/l	# 57
86) p-Isopropyltoluene	13.373	119	150	1.067	ug/l	# 50
95) Naphthalene	15.233	128	235	2.808	ug/l	# 69

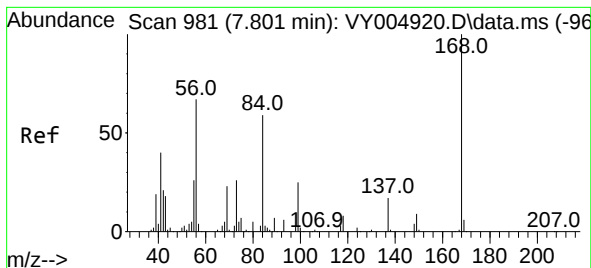
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

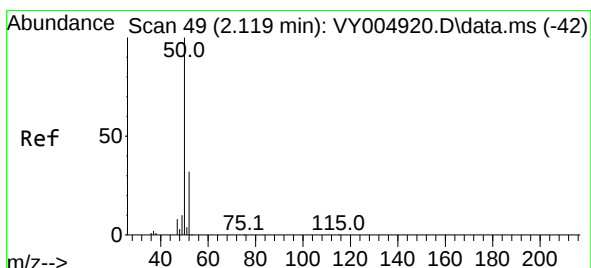
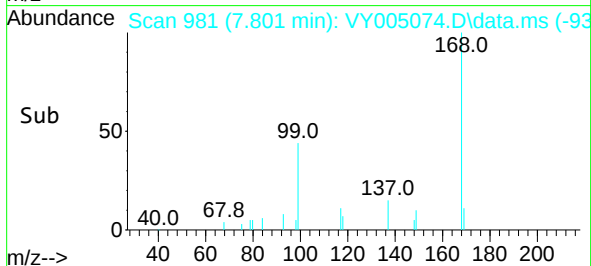
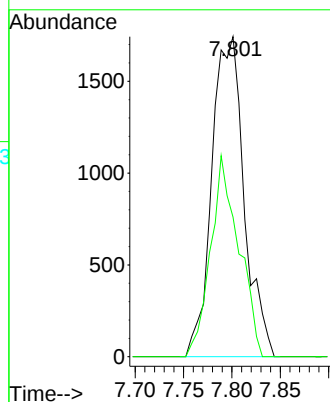
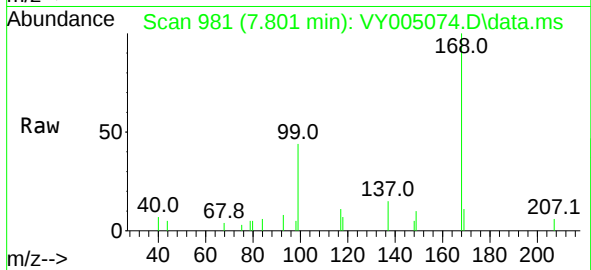




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

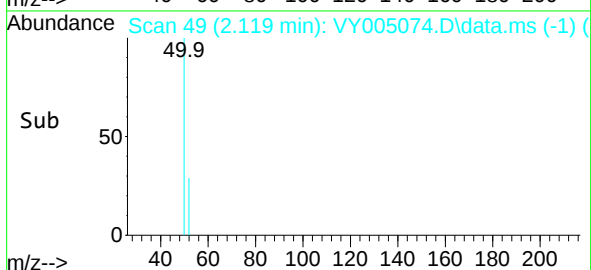
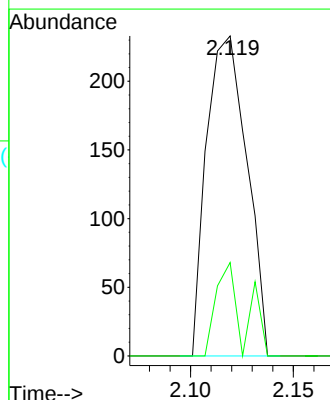
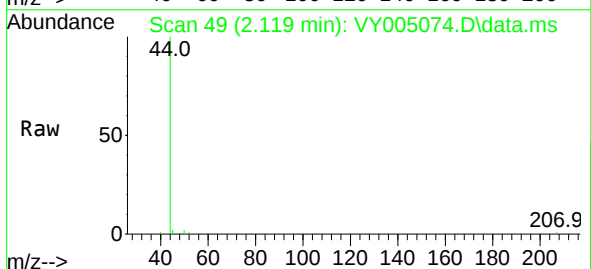
Instrument :
MSVOA_Y
ClientSampleId :

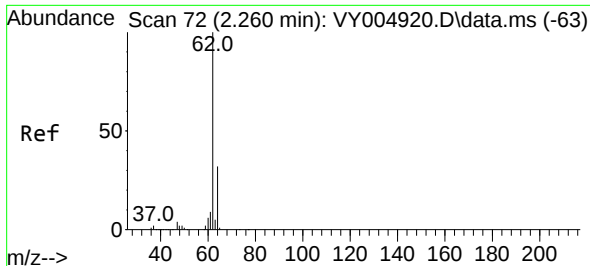
Tgt Ion:168 Resp: 4045
Ion Ratio Lower Upper
168 100
99 43.7 43.9 65.9#



#3
Chloromethane
Concen: 6.340 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

Tgt Ion: 50 Resp: 318
Ion Ratio Lower Upper
50 100
52 29.2 25.9 38.9

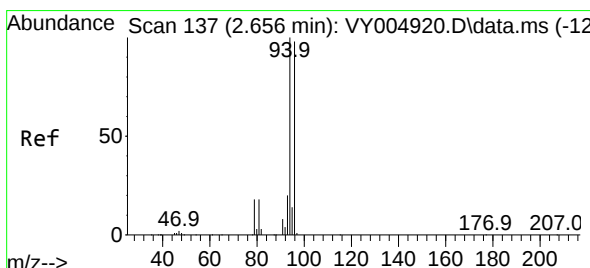
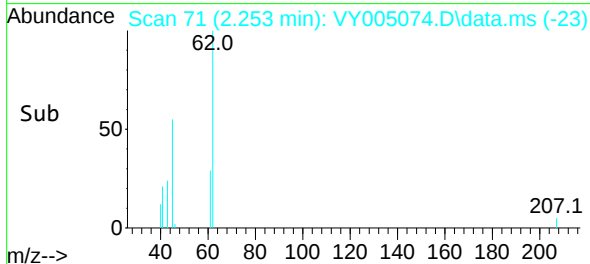
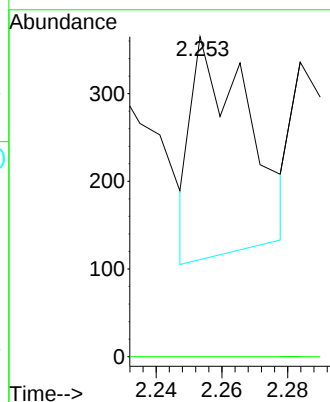
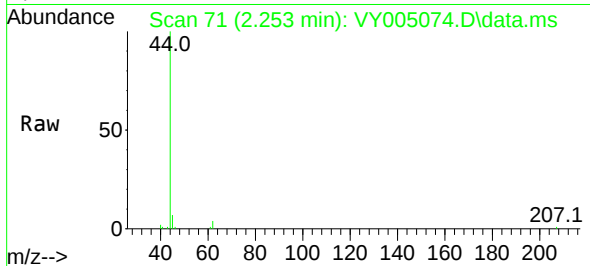




#4
 Vinyl Chloride
 Concen: 6.114 ug/l
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY005074.D
 Acq: 10 Jun 2021 12:58

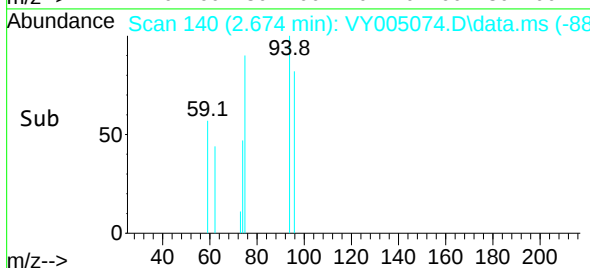
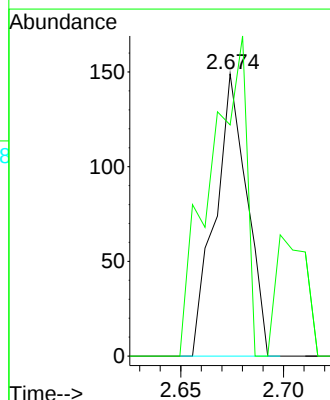
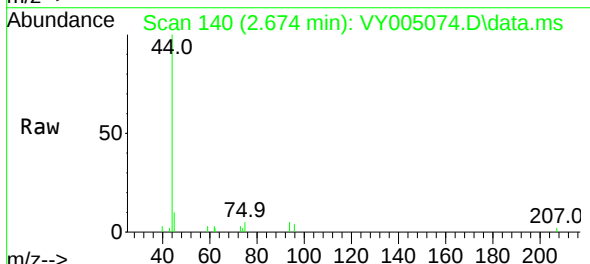
Instrument :
 MSVOA_Y
 ClientSampled :

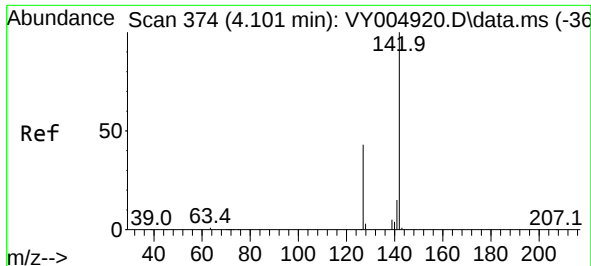
Tgt Ion: 62 Resp: 295
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.4 38.0#



#5
 Bromomethane
 Concen: 5.851 ug/l
 RT: 2.674 min Scan# 140
 Delta R.T. 0.018 min
 Lab File: VY005074.D
 Acq: 10 Jun 2021 12:58

Tgt Ion: 94 Resp: 160
 Ion Ratio Lower Upper
 94 100
 96 81.9 78.4 117.6





#10

Methyl Iodide

Concen: 3.674 ug/l

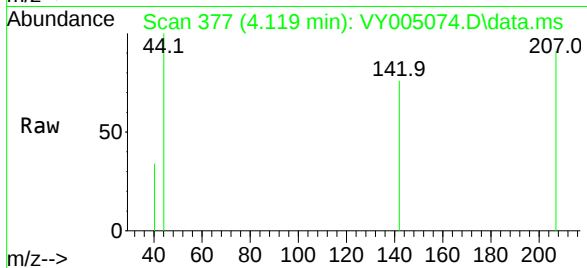
RT: 4.119 min Scan# 377

Delta R.T. 0.018 min

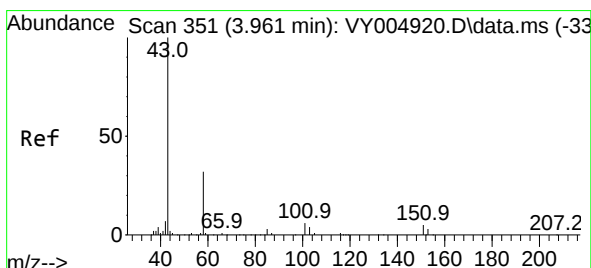
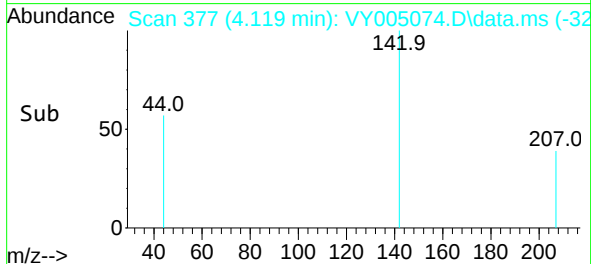
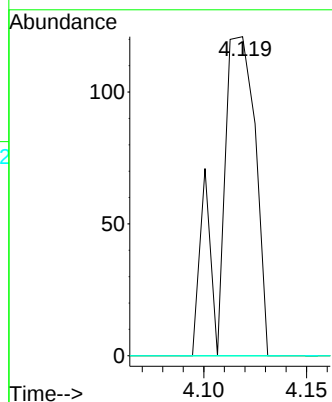
Lab File: VY005074.D

Acq: 10 Jun 2021 12:58

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	142	Resp:	146
Ion	Ratio	Lower	Upper
142	100		
127	0.0	34.4	51.6#
141	0.0	11.5	17.3#



#16

Acetone

Concen: 14.377 ug/l

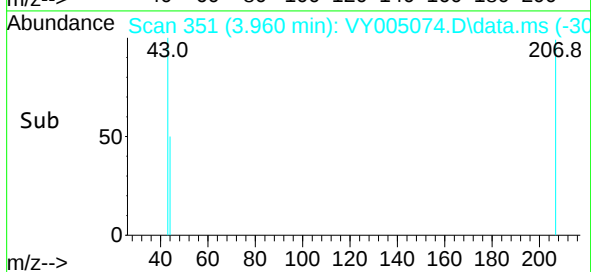
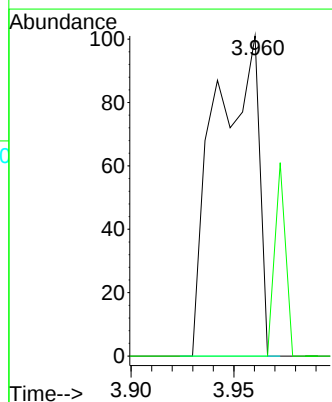
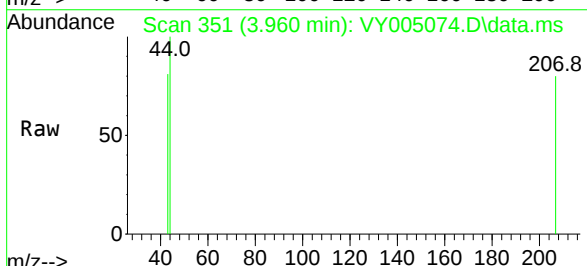
RT: 3.960 min Scan# 351

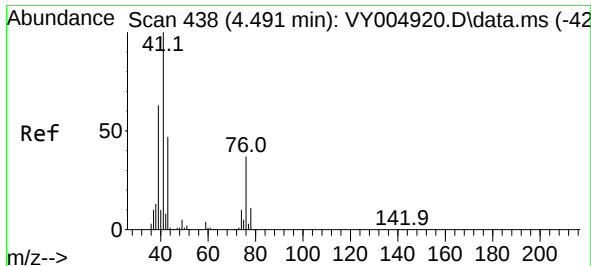
Delta R.T. -0.000 min

Lab File: VY005074.D

Acq: 10 Jun 2021 12:58

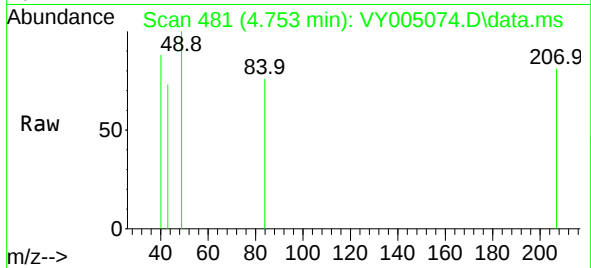
Tgt Ion:	43	Resp:	148
Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.3	37.9#



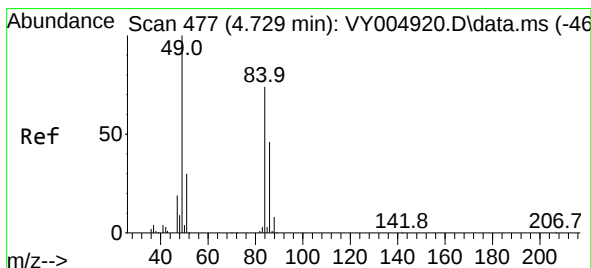
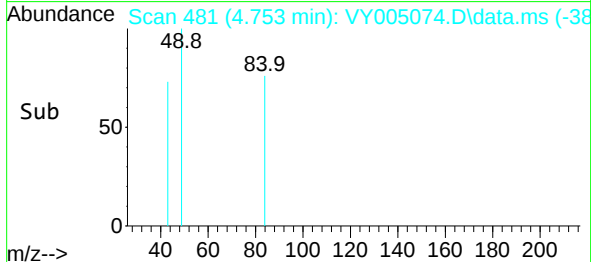
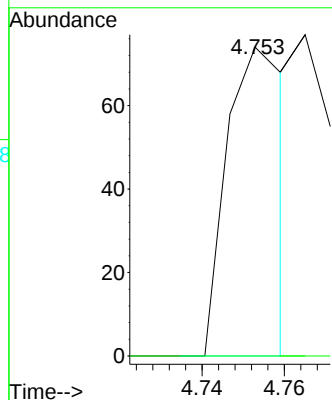


#18
Methyl Acetate
Concen: 2.213 ug/l
RT: 4.753 min Scan# 481
Delta R.T. 0.262 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

Instrument :
MSVOA_Y
ClientSampleId :

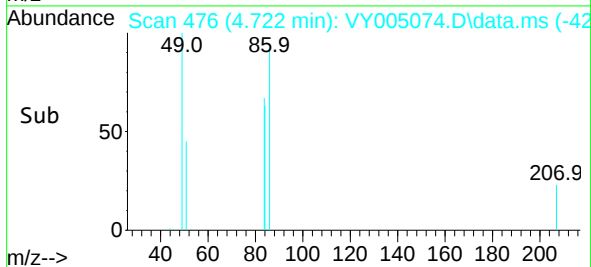
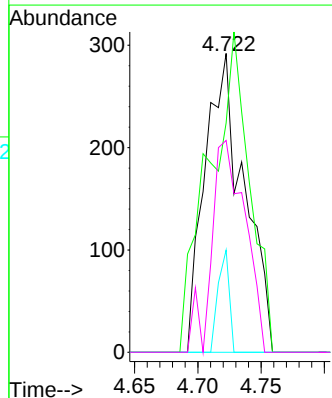
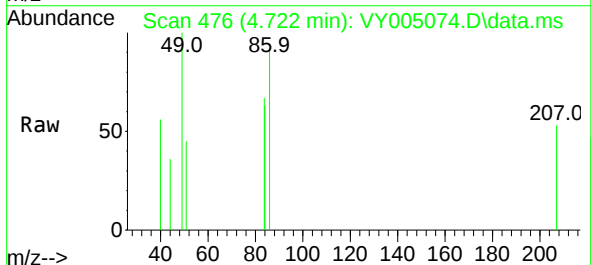


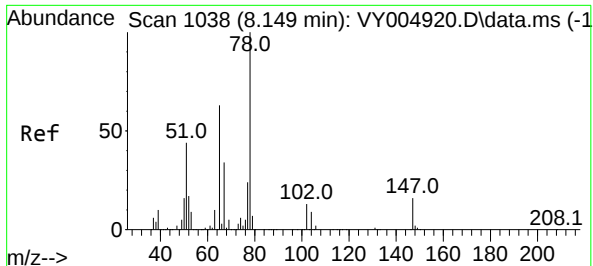
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#20
Methylene Chloride
Concen: 7.655 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

Tgt Ion: 84 Resp: 628
Ion Ratio Lower Upper
84 100
49 76.7 108.0 162.0#
51 34.2 32.6 48.8
86 70.9 49.9 74.9

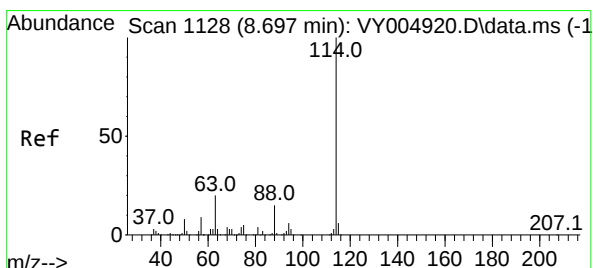
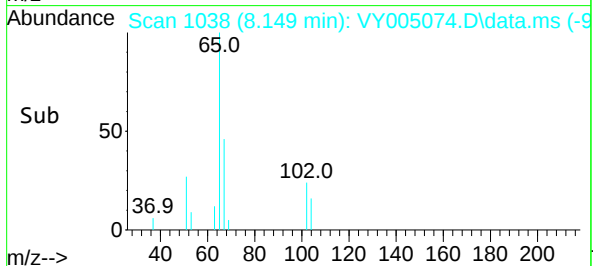
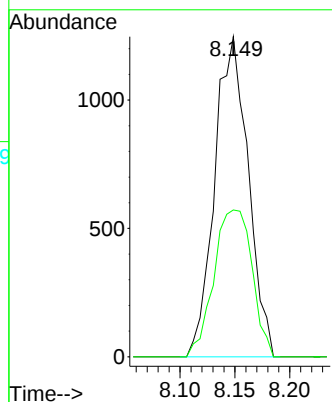
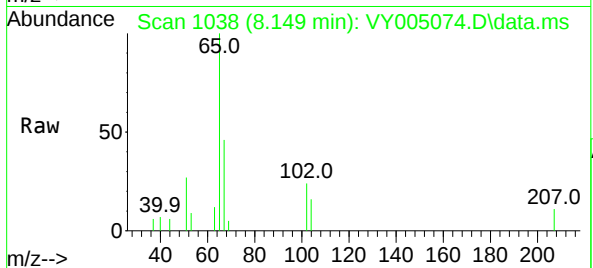




#33
1,2-Dichloroethane-d4
Concen: 62.017 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

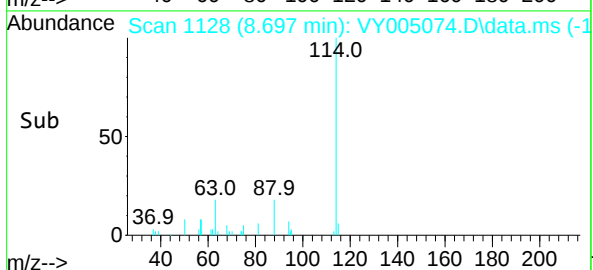
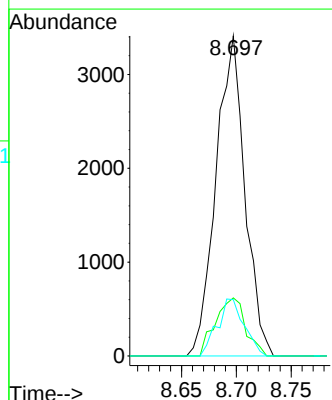
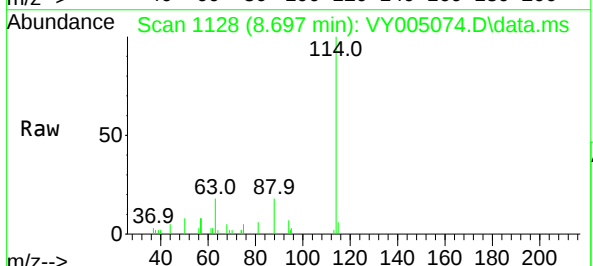
Instrument :
MSVOA_Y
ClientSampleId :

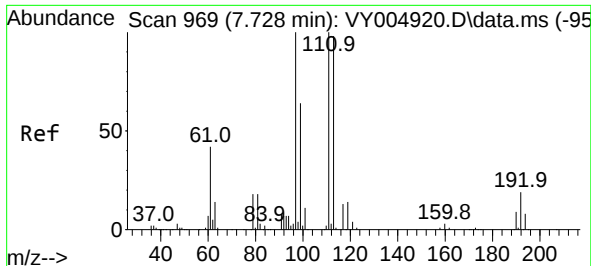
Tgt Ion: 65 Resp: 2652
Ion Ratio Lower Upper
65 100
67 52.2 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

Tgt Ion:114 Resp: 6259
Ion Ratio Lower Upper
114 100
63 18.2 0.0 41.0
88 17.6 0.0 30.6

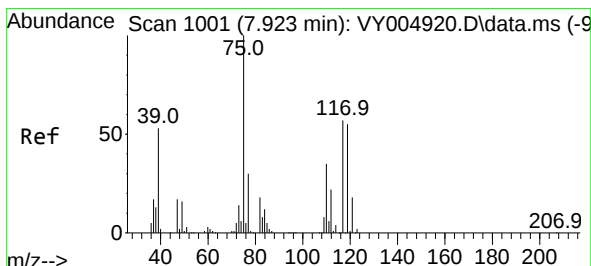
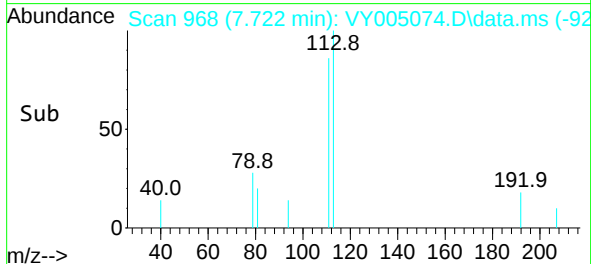
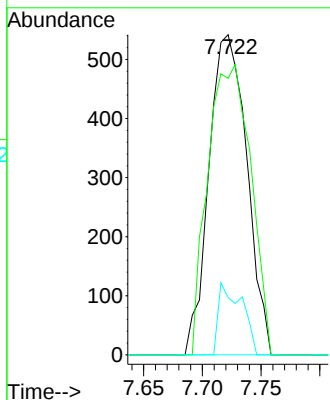
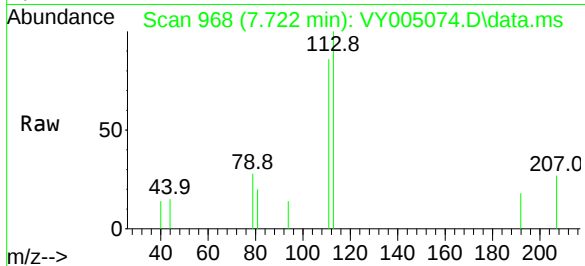




#35
Dibromofluoromethane
Concen: 36.111 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

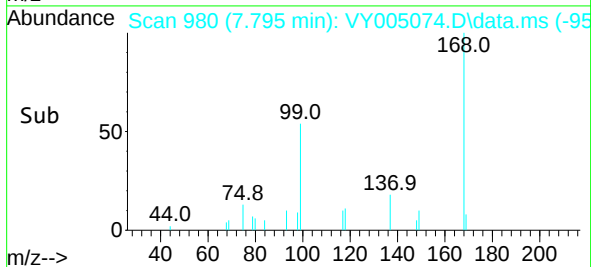
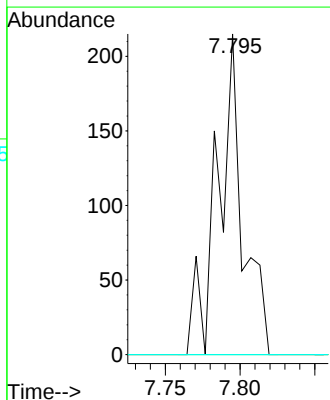
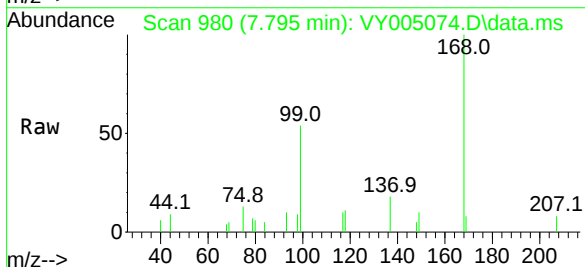
Instrument :
MSVOA_Y
ClientSampleId :

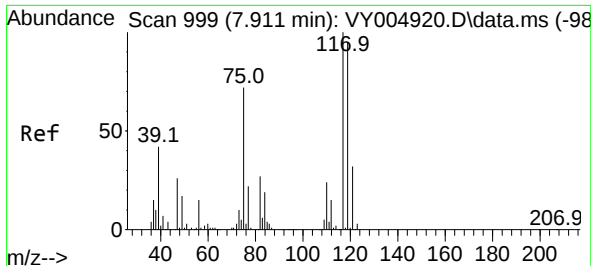
Tgt Ion:113 Resp: 1216
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 13.8 15.3 22.9#



#36
1,1-Dichloropropene
Concen: 4.147 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

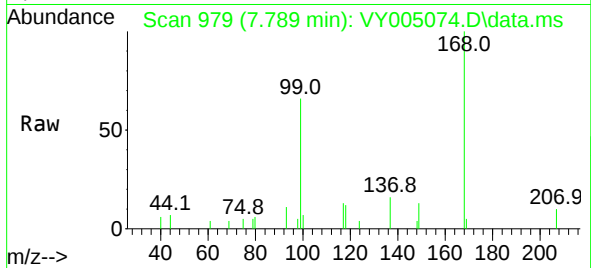
Tgt Ion: 75 Resp: 254
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.5#
77 0.0 25.1 37.7#



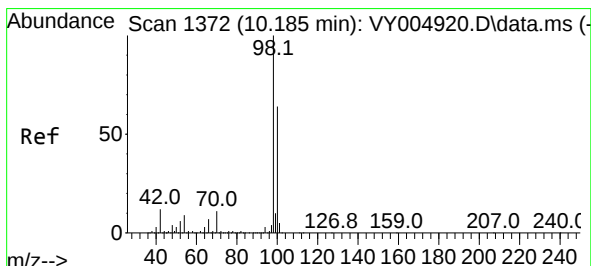
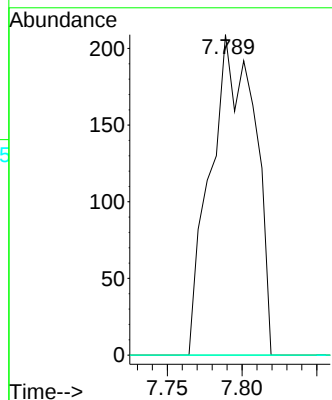
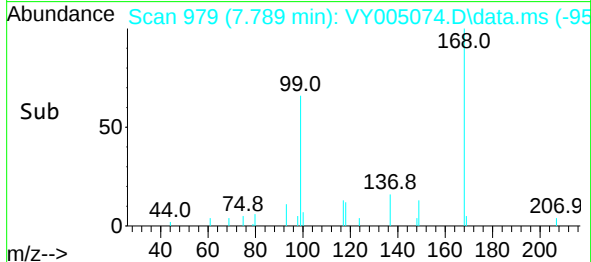


#38
Carbon Tetrachloride
Concen: 8.029 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

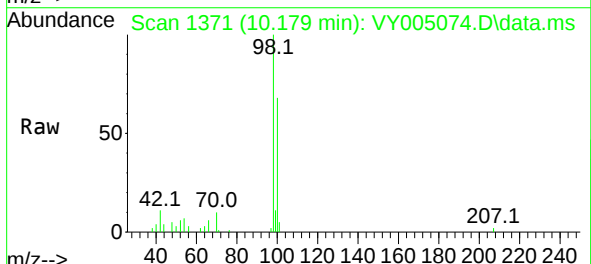
Instrument :
MSVOA_Y
ClientSampleId :



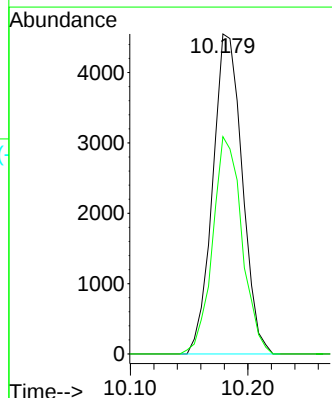
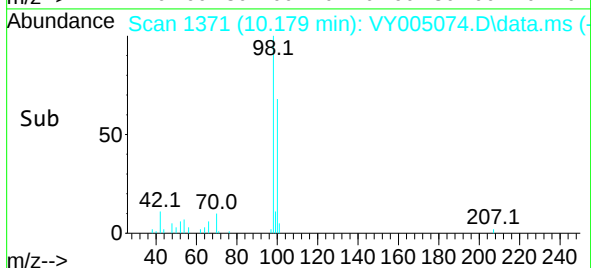
Tgt Ion:117 Resp: 428
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 25.5 38.3#

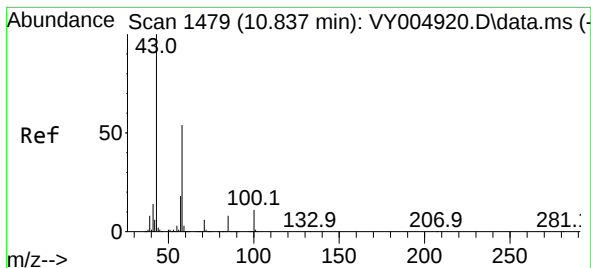


#50
Toluene-d8
Concen: 56.731 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58



Tgt Ion: 98 Resp: 7934
Ion Ratio Lower Upper
98 100
100 67.3 51.8 77.6

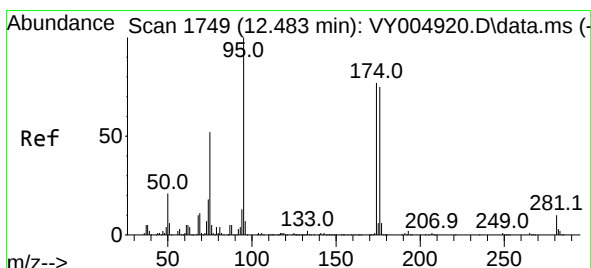
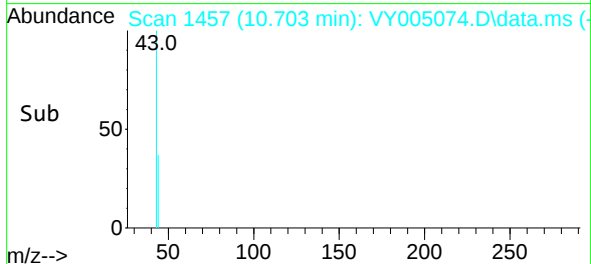
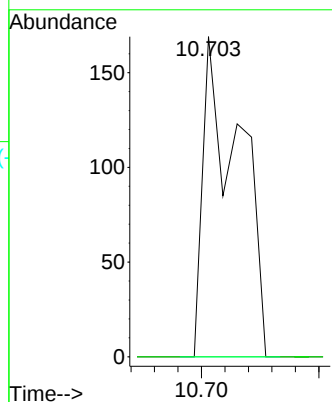
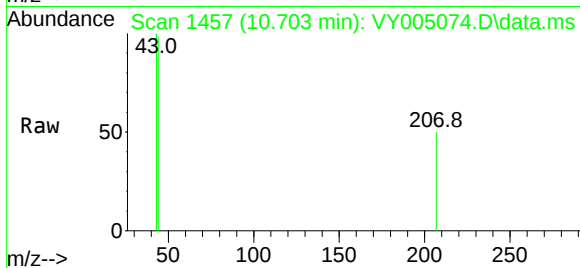




#59
2-Hexanone
Concen: 7.022 ug/l
RT: 10.703 min Scan# 1457
Delta R.T. -0.134 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

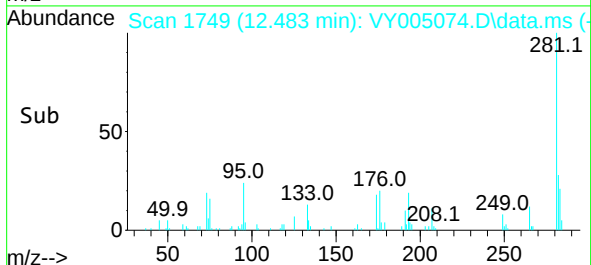
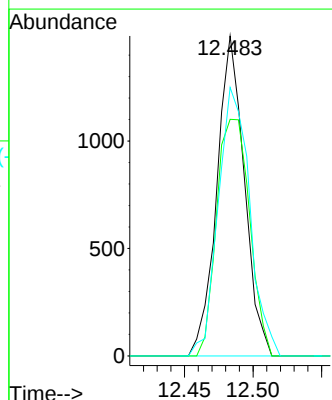
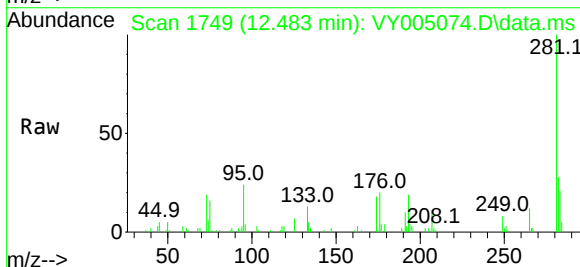
Instrument :
MSVOA_Y
ClientSampleId :

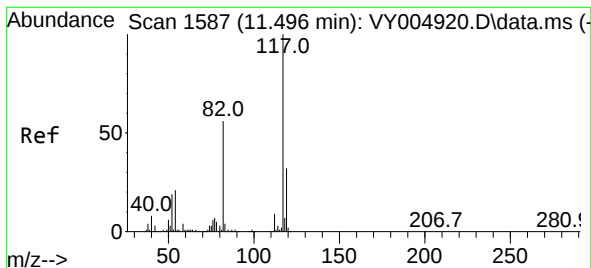
Tgt Ion: 43 Resp: 180
Ion Ratio Lower Upper
43 100
58 0.0 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 43.162 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

Tgt Ion: 95 Resp: 2076
Ion Ratio Lower Upper
95 100
174 88.7 0.0 160.8
176 96.0 0.0 155.6

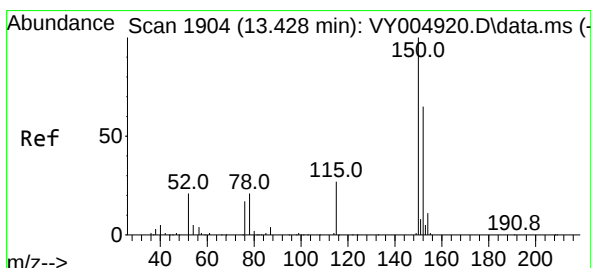
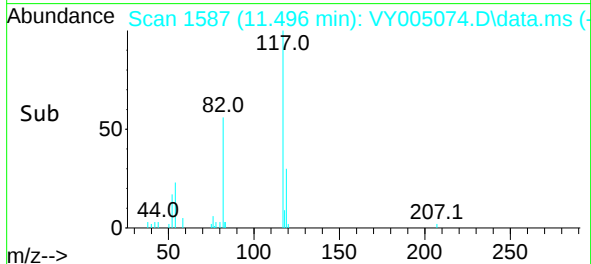
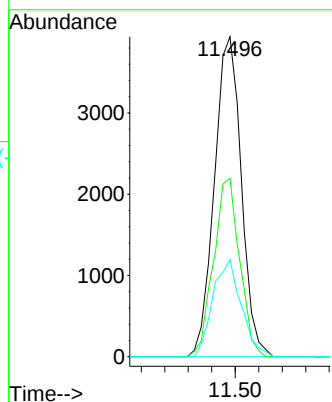
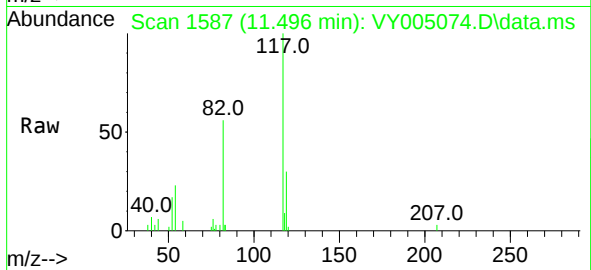




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

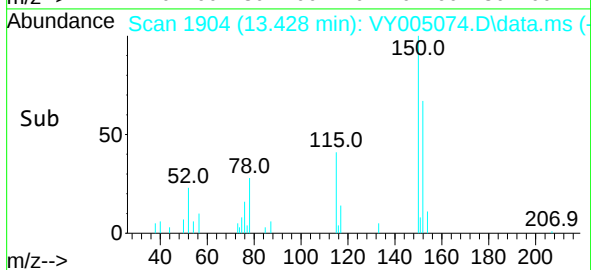
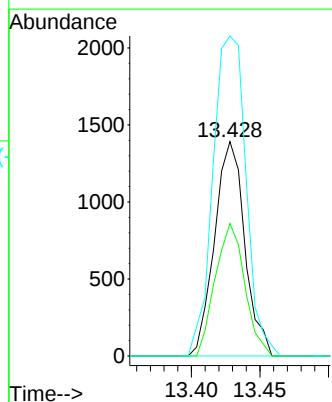
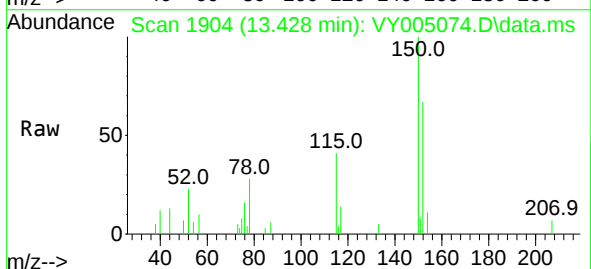
Instrument :
MSVOA_Y
ClientSampleId :

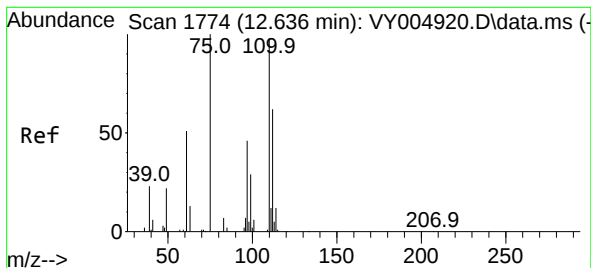
Tgt Ion:117 Resp: 6254
Ion Ratio Lower Upper
117 100
82 55.8 44.8 67.2
119 30.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

Tgt Ion:152 Resp: 2135
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.7
150 163.5 0.0 347.8

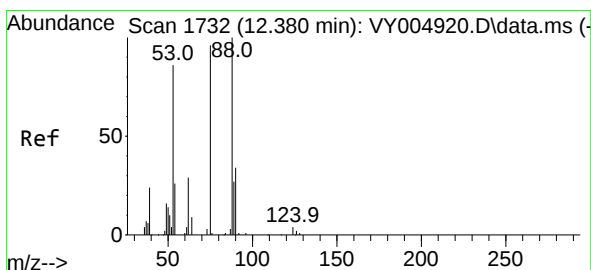
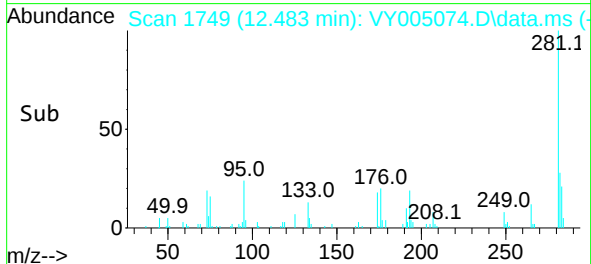
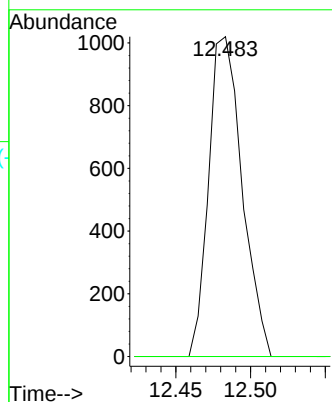
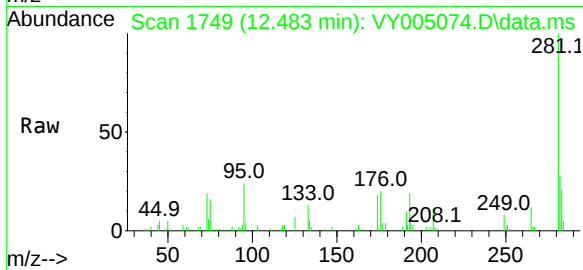




#76
1,2,3-Trichloropropane
Concen: 67.852 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

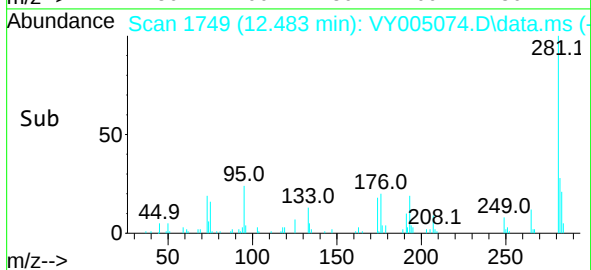
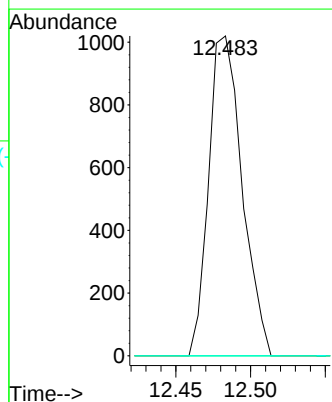
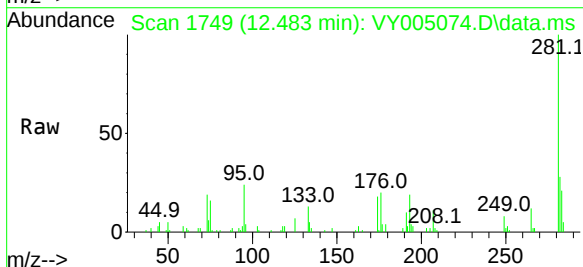
Instrument :
MSVOA_Y
ClientSampleId :

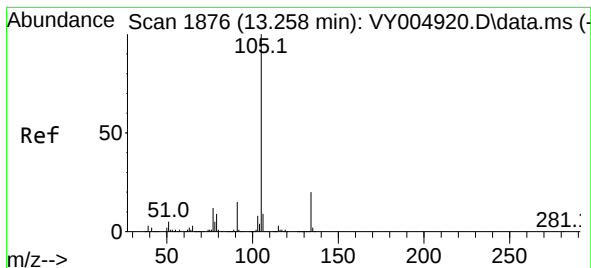
Tgt Ion: 75 Resp: 1588
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 124.698 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

Tgt Ion: 75 Resp: 1588
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 0.0 35.0 52.6#

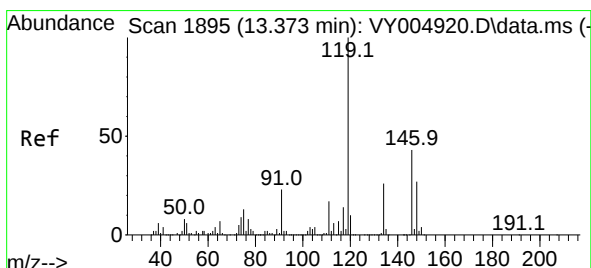
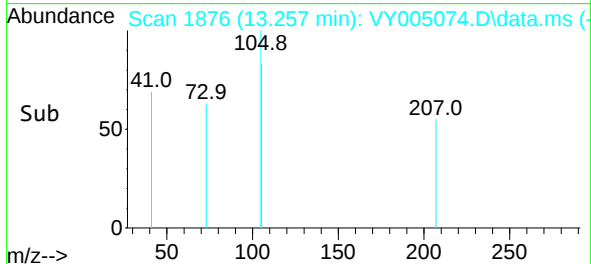
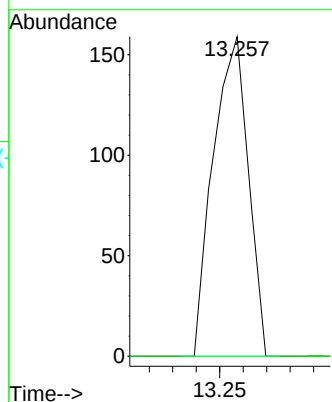
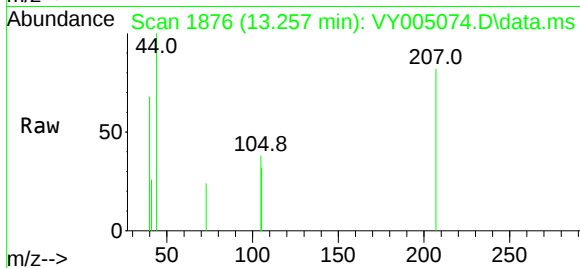




#85
 sec-Butylbenzene
 Concen: 1.007 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY005074.D
 Acq: 10 Jun 2021 12:58

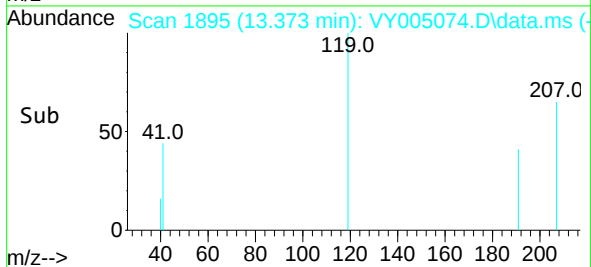
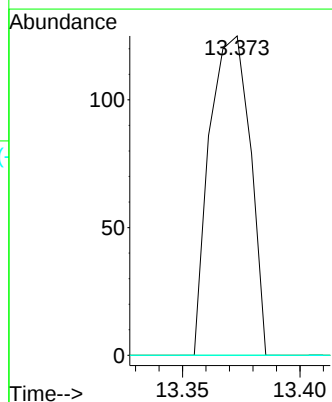
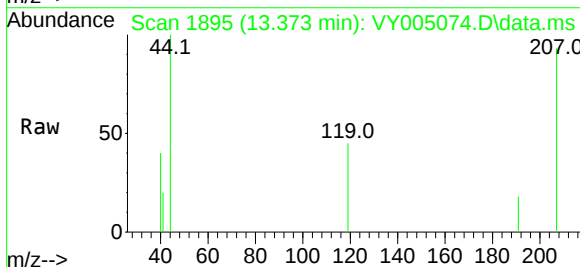
Instrument :
 MSVOA_Y
 ClientSampleId :

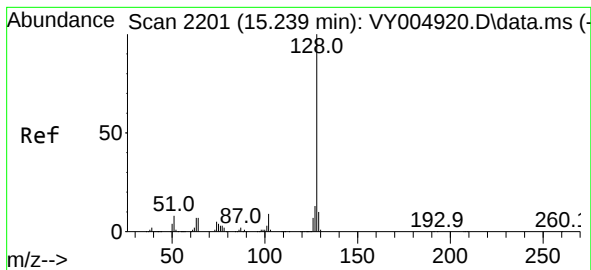
Tgt Ion:105 Resp: 165
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.9 29.7#



#86
 p-Isopropyltoluene
 Concen: 1.067 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY005074.D
 Acq: 10 Jun 2021 12:58

Tgt Ion:119 Resp: 150
 Ion Ratio Lower Upper
 119 100
 134 0.0 12.9 38.7#
 91 0.0 11.9 35.5#





#95
Naphthalene
Concen: 2.808 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY005074.D
Acq: 10 Jun 2021 12:58

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 235
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.7 13.1#

