

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004190.D
 Acq On : 24 Mar 2021 17:09
 Operator : SY/MD
 Sample : M1792-04
 Misc : 5.66g/5mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 25 01:21:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

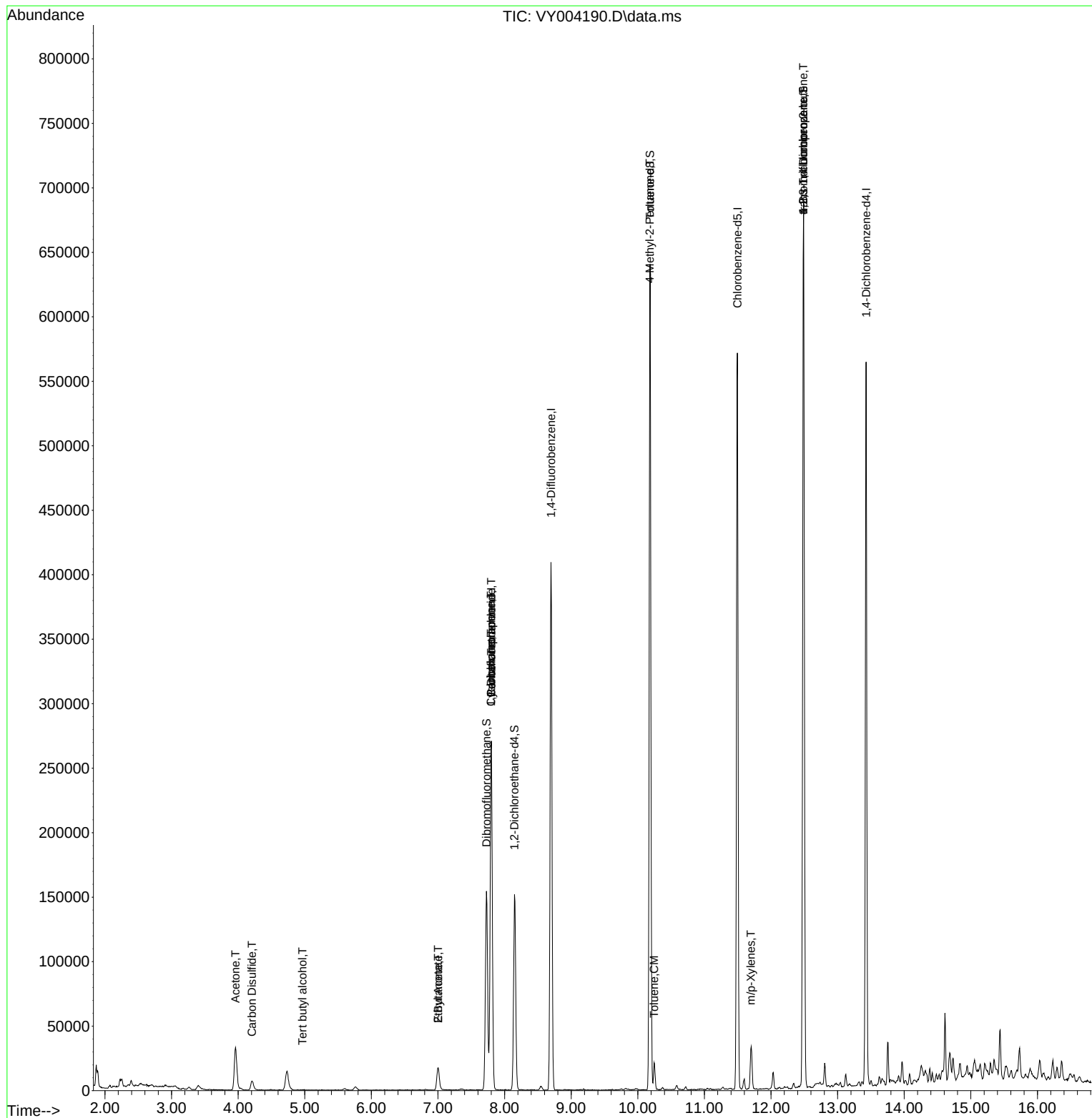
Internal Standards						
1) Pentafluorobenzene	7.801	168	214787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	352371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	311533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117911	55.63	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.26%			
35) Dibromofluoromethane	7.728	113	105454	53.07	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.14%			
50) Toluene-d8	10.185	98	413019	53.02	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.04%			
62) 4-Bromofluorobenzene	12.483	95	139876	48.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.24%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	510	Below Cal	#	53
11) Tert butyl alcohol	4.966	59	317	1.65 ug/l	#	76
16) Acetone	3.960	43	57309	112.01 ug/l		94
17) Carbon Disulfide	4.204	76	12089	2.18 ug/l		99
25) 2-Butanone	7.003	43	29152	39.53 ug/l		96
31) Cyclohexane	7.795	56	4569	1.23 ug/l	#	12
36) 1,1-Dichloropropene	7.795	75	15818	5.11 ug/l	#	51
37) Ethyl Acetate	7.003	43	29152	17.48 ug/l	#	70
38) Carbon Tetrachloride	7.801	117	20854	6.35 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.179	43	2227	1.31 ug/l	#	1
52) Toluene	10.246	92	8201	1.45 ug/l		100
68) m/p-Xylenes	11.697	106	10281	2.46 ug/l		92
76) 1,2,3-Trichloropropane	12.483	75	75164	57.43 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	75164	113.34 ug/l	#	14

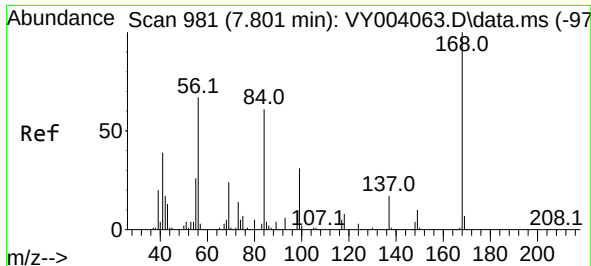
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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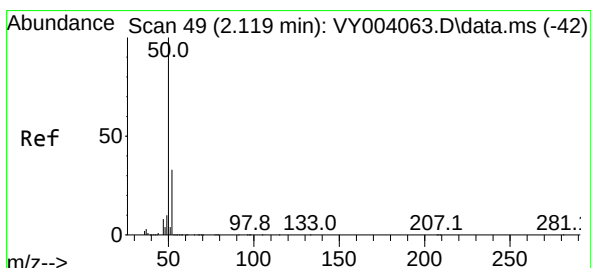
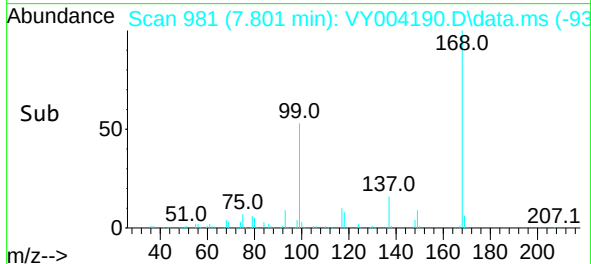
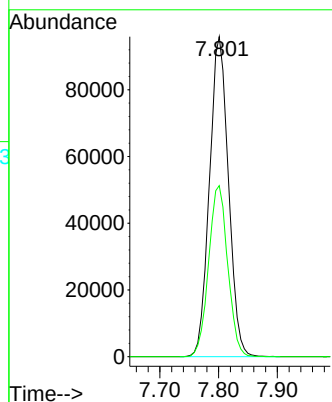
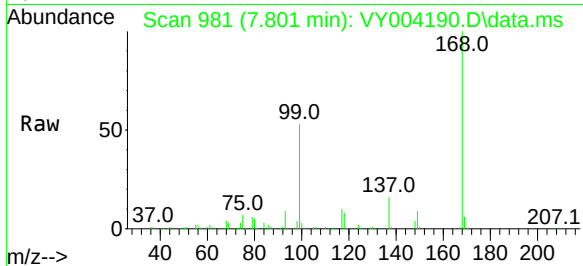




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

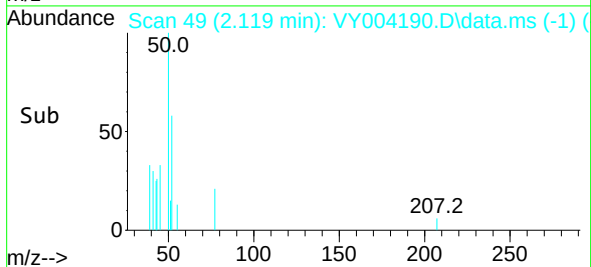
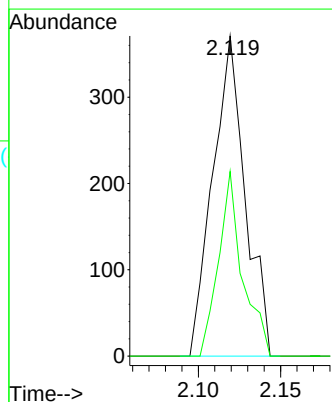
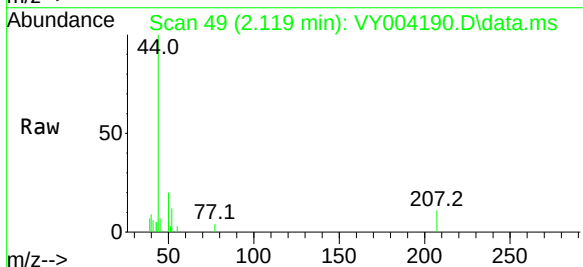
Instrument :
MSVOA_Y
ClientSampled :

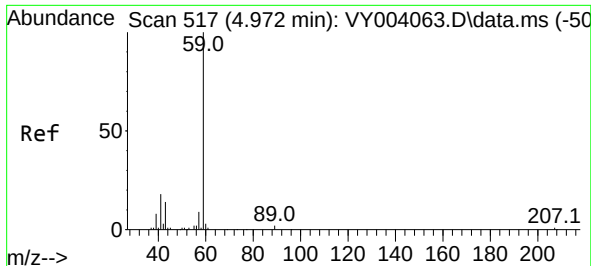
Tgt Ion:168 Resp: 214787
Ion Ratio Lower Upper
168 100
99 53.4 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

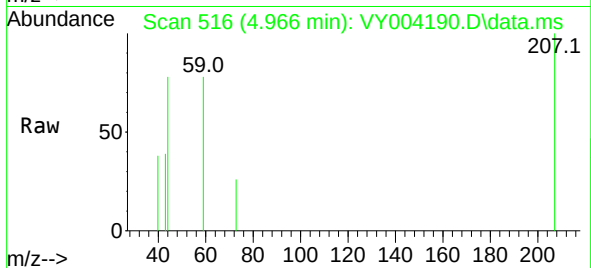
Tgt Ion: 50 Resp: 510
Ion Ratio Lower Upper
50 100
52 57.7 25.4 38.2#



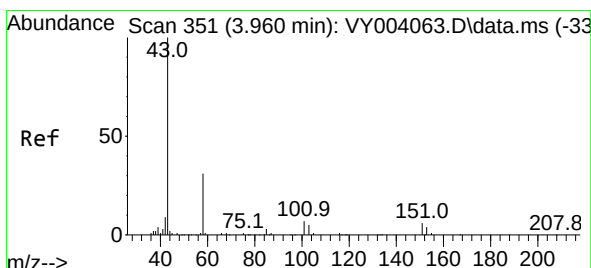
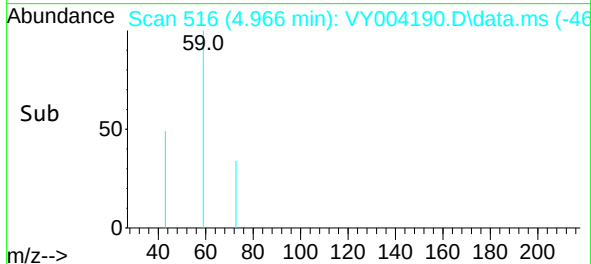
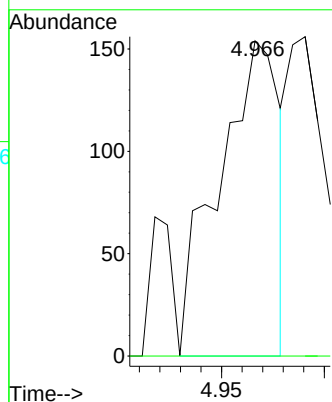


#11
Tert butyl alcohol
Concen: 1.65 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Instrument :
MSVOA_Y
ClientSampled :

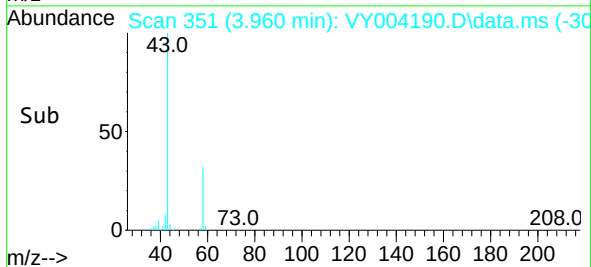
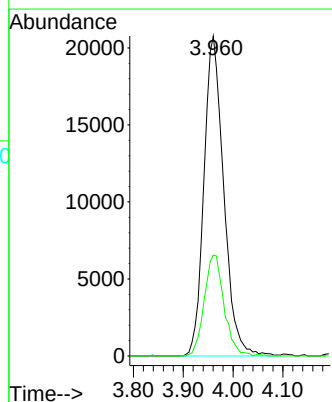
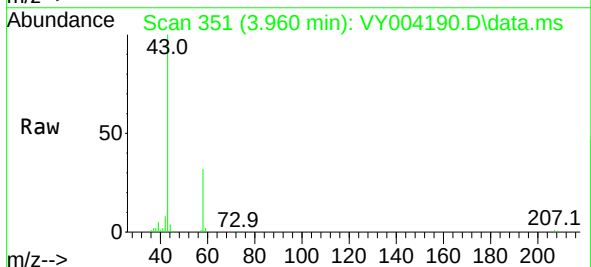


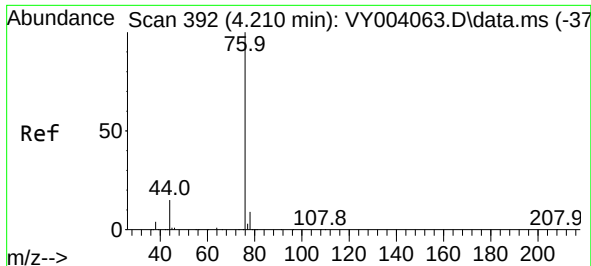
Tgt Ion: 59 Resp: 317
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#16
Acetone
Concen: 112.01 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion: 43 Resp: 57309
Ion Ratio Lower Upper
43 100
58 31.6 22.6 34.0

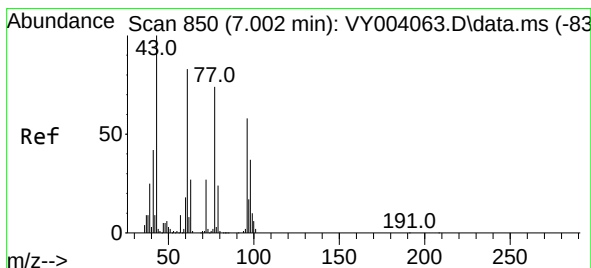
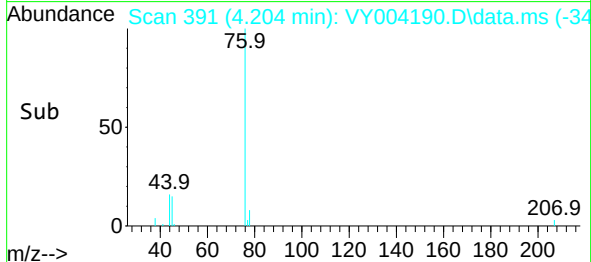
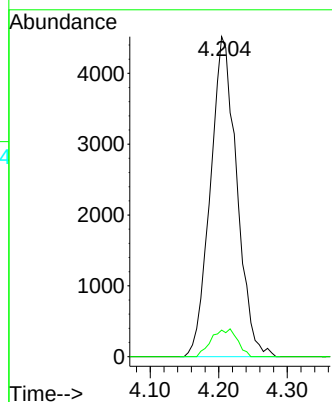
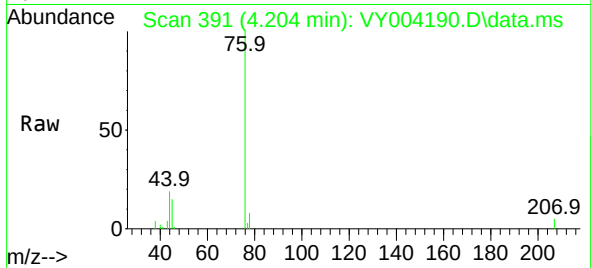




#17
Carbon Disulfide
Concen: 2.18 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

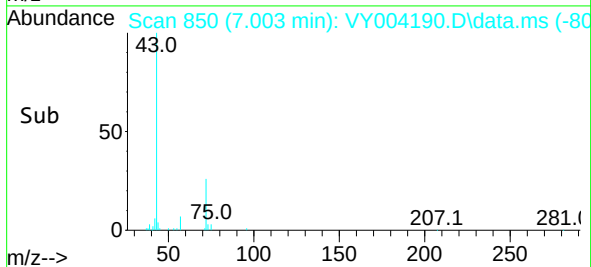
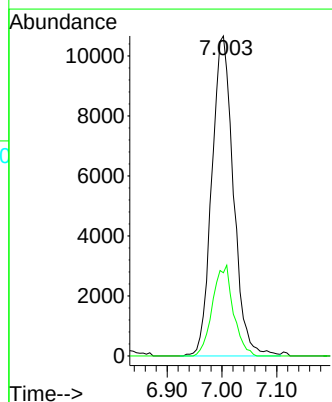
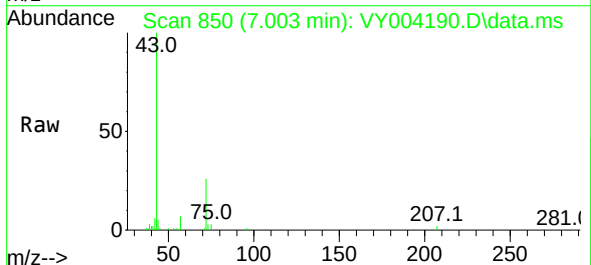
Instrument :
MSVOA_Y
ClientSampled :

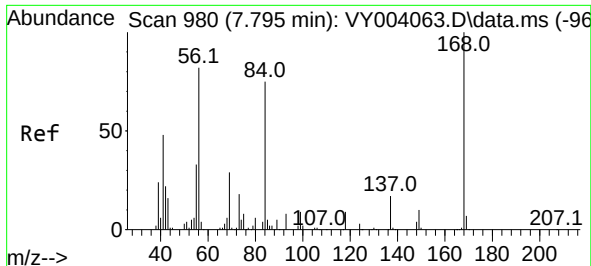
Tgt Ion: 76 Resp: 12089
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2



#25
2-Butanone
Concen: 39.53 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.001 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

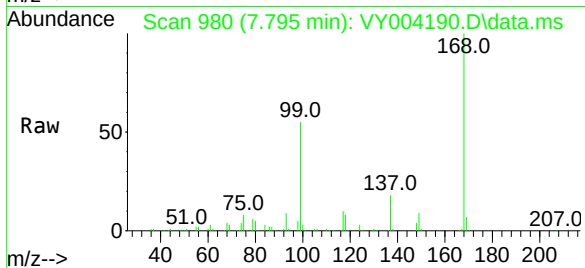
Tgt Ion: 43 Resp: 29152
Ion Ratio Lower Upper
43 100
72 26.0 19.4 29.0



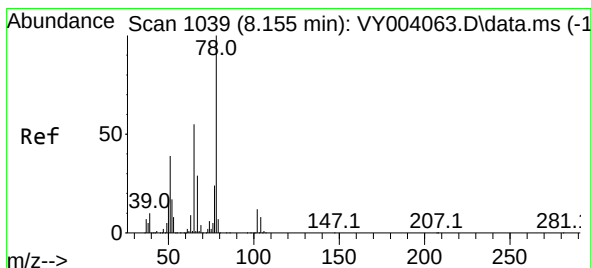
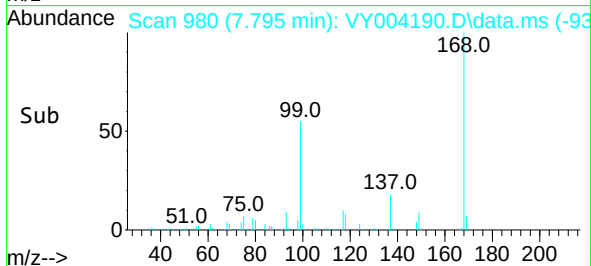
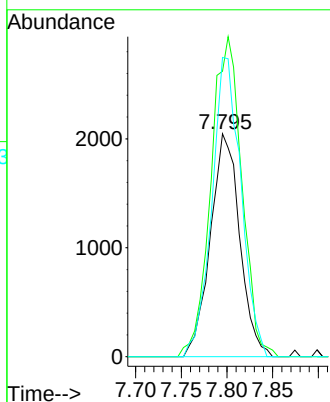


#31
Cyclohexane
Concen: 1.23 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Instrument :
MSVOA_Y
ClientSampleId :

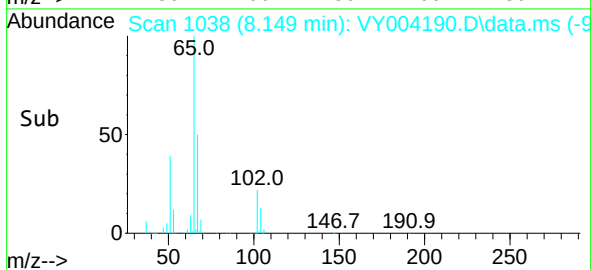
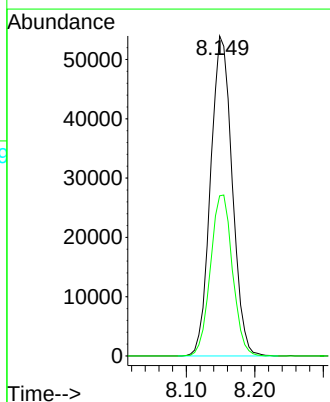
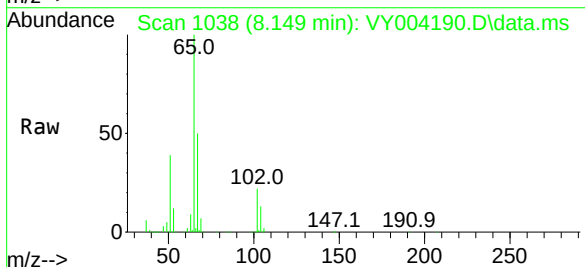


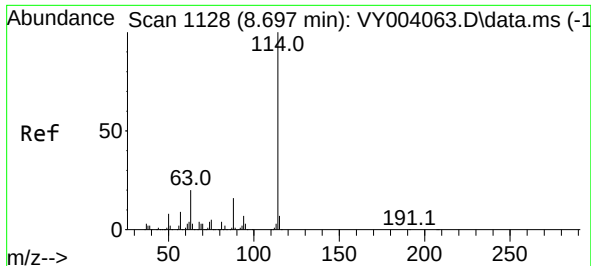
Tgt Ion: 56 Resp: 4569
Ion Ratio Lower Upper
56 100
69 128.1 25.3 37.9#
84 134.3 67.3 100.9#



#33
1,2-Dichloroethane-d4
Concen: 55.63 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion: 65 Resp: 117911
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.4

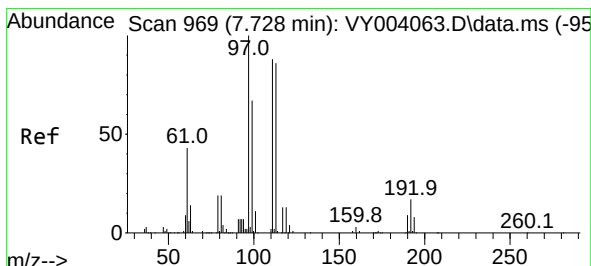
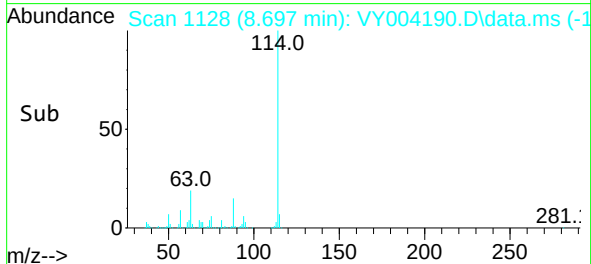
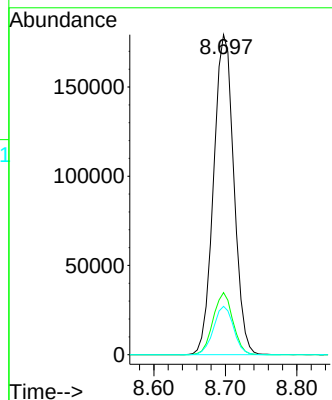
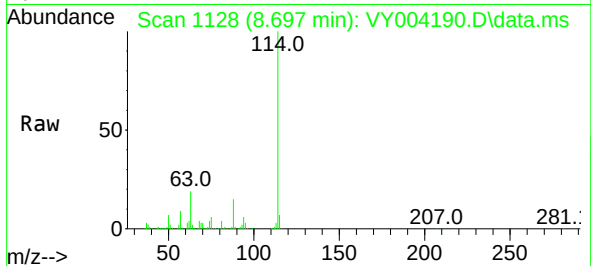




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

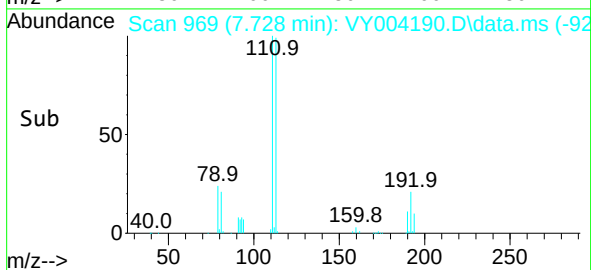
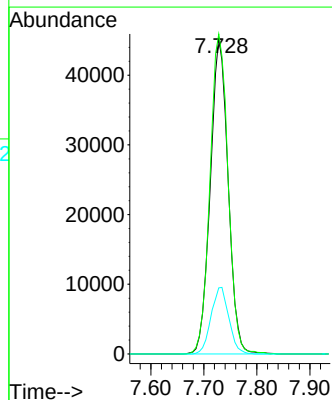
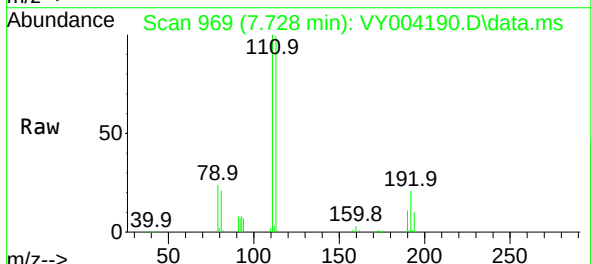
Instrument :
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ClientSampleId :

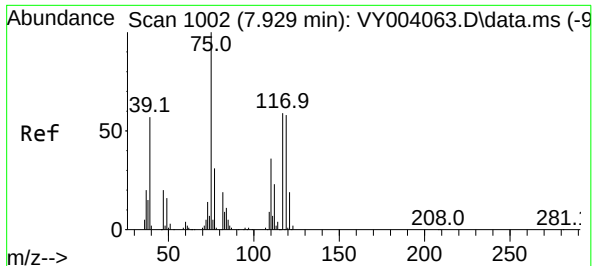
Tgt Ion:	114	Resp:	352371
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	41.6
88	15.1	0.0	31.4



#35
Dibromofluoromethane
Concen: 53.07 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion:	113	Resp:	105454
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.2	124.8
192	21.1	18.5	27.7

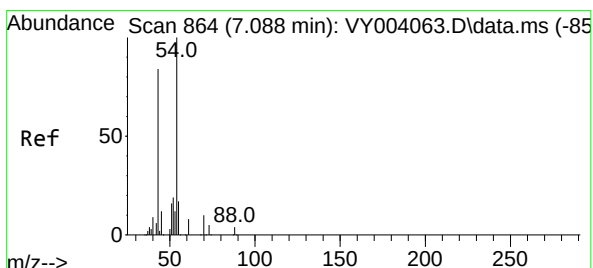
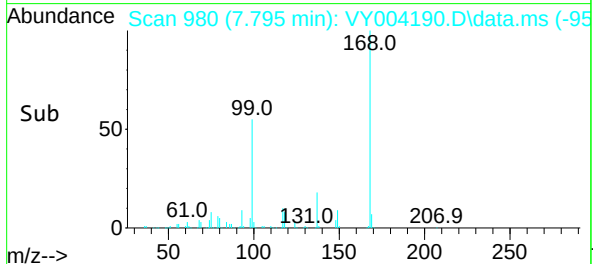
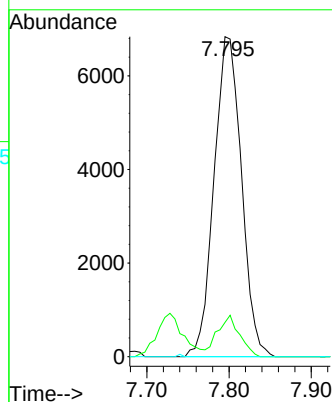
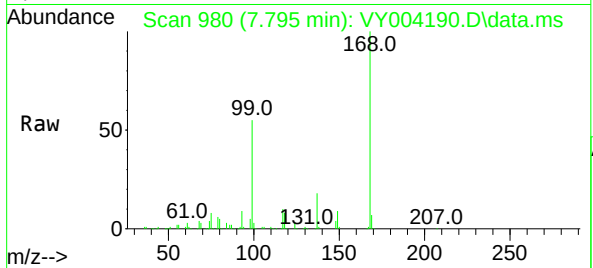




#36
1,1-Dichloropropene
Concen: 5.11 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

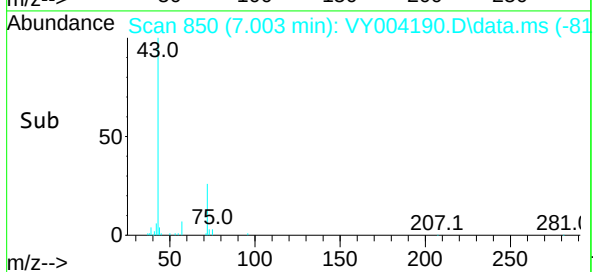
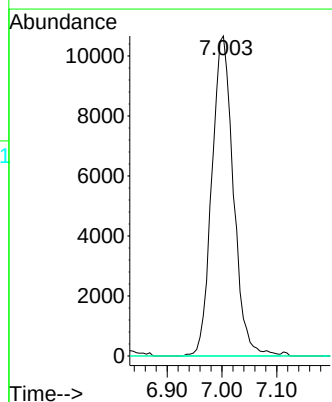
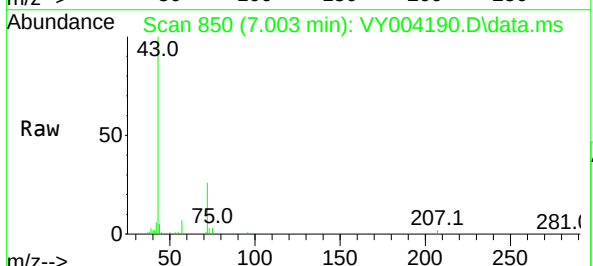
Instrument :
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ClientSampleId :

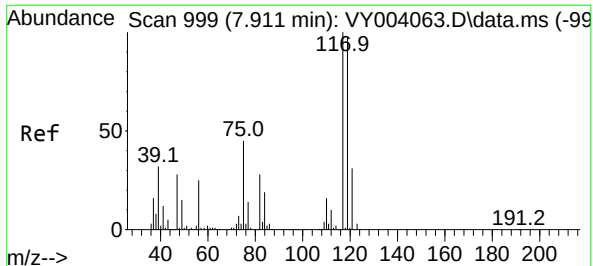
Tgt Ion: 75 Resp: 15818
Ion Ratio Lower Upper
75 100
110 10.4 17.4 52.3#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 17.48 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

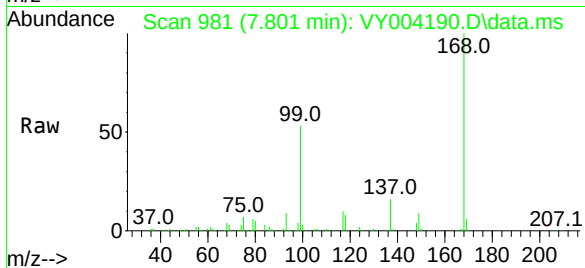
Tgt Ion: 43 Resp: 29152
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.7 11.5#



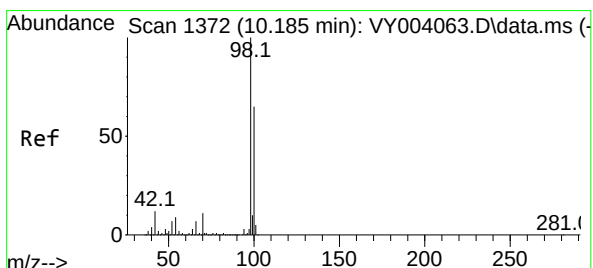
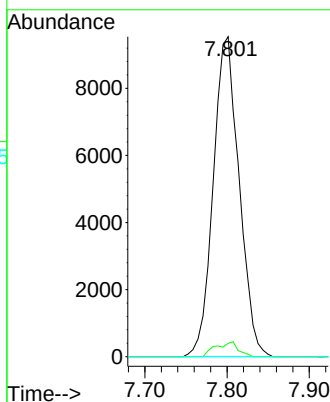
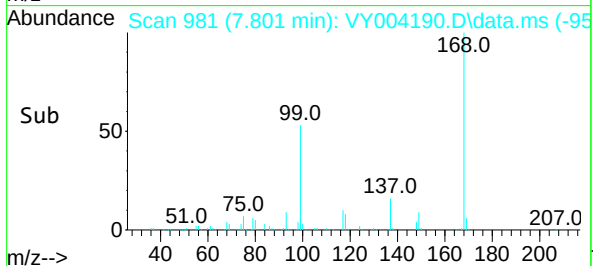


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

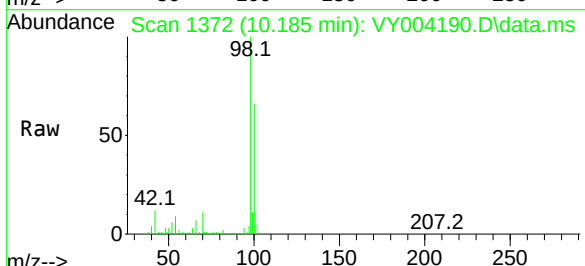
Instrument :
MSVOA_Y
ClientSampleId :



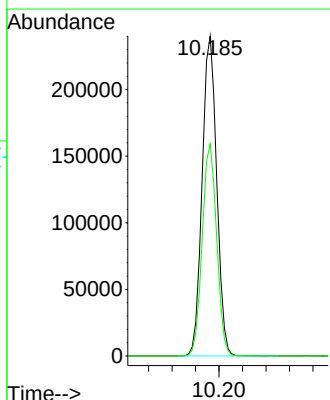
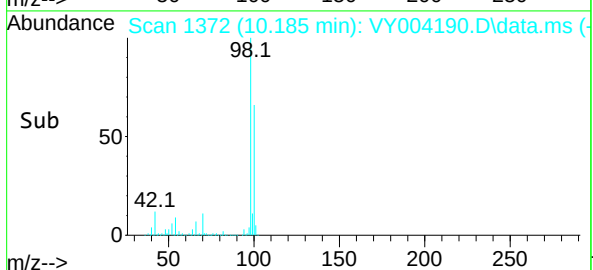
Tgt Ion:117 Resp: 20854
Ion Ratio Lower Upper
117 100
119 4.2 75.4 113.0#
121 0.0 24.2 36.2#

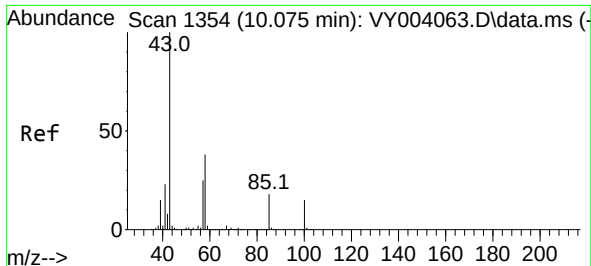


#50
Toluene-d8
Concen: 53.02 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09



Tgt Ion: 98 Resp: 413019
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.6

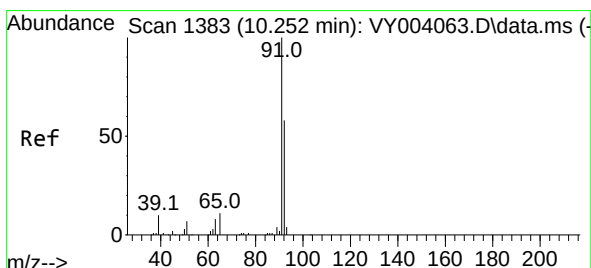
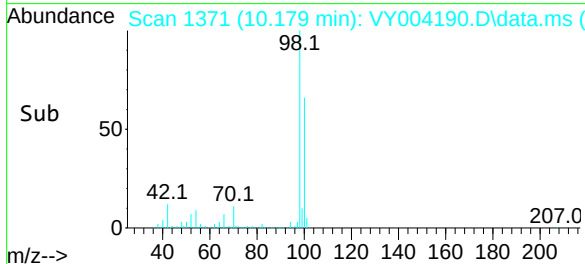
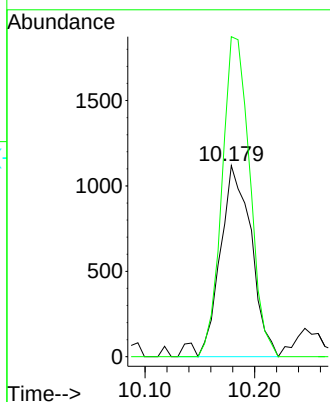
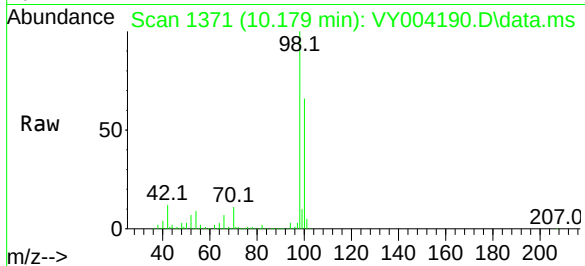




#51
4-Methyl-2-Pentanone
Concen: 1.31 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

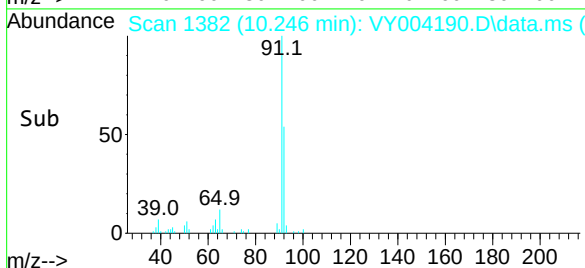
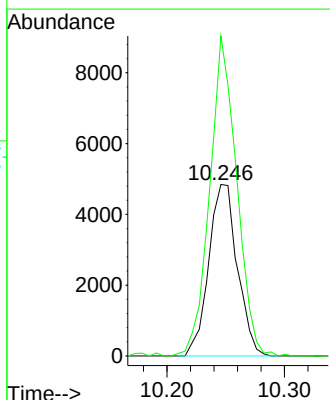
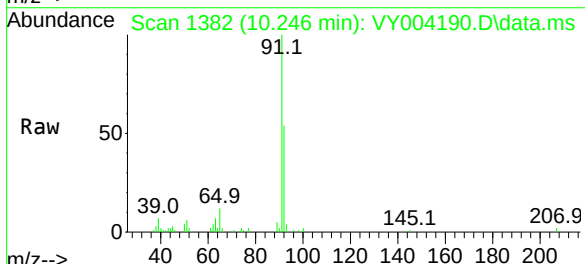
Instrument :
MSVOA_Y
ClientSampled :

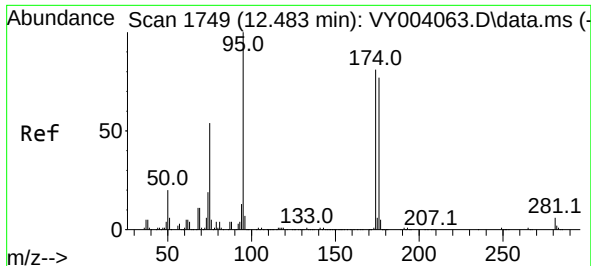
Tgt Ion: 43 Resp: 2227
Ion Ratio Lower Upper
43 100
58 148.2 29.8 44.8#



#52
Toluene
Concen: 1.45 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion: 92 Resp: 8201
Ion Ratio Lower Upper
92 100
91 176.1 141.0 211.4

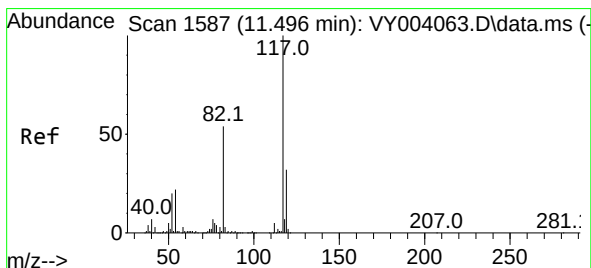
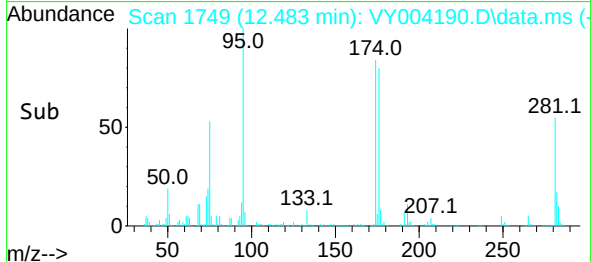
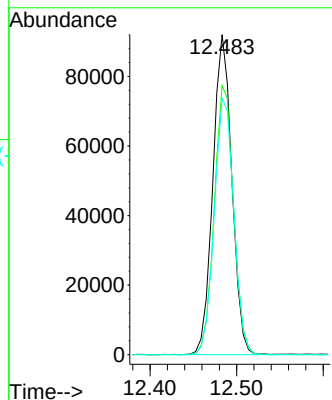
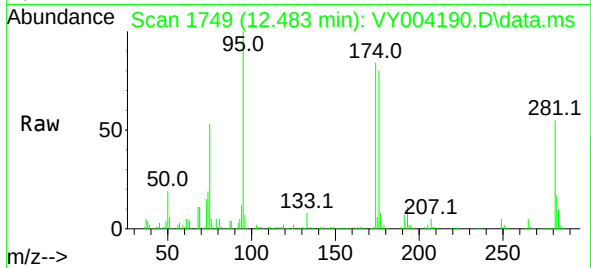




#62
4-Bromofluorobenzene
Concen: 48.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

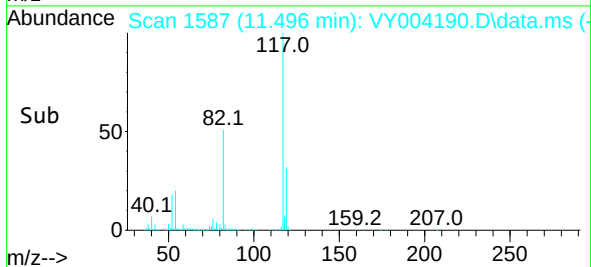
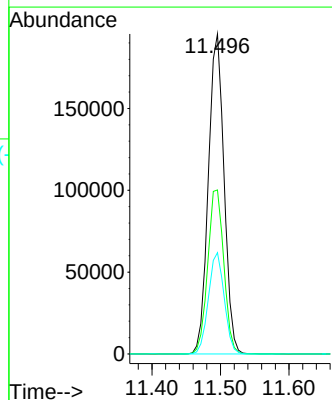
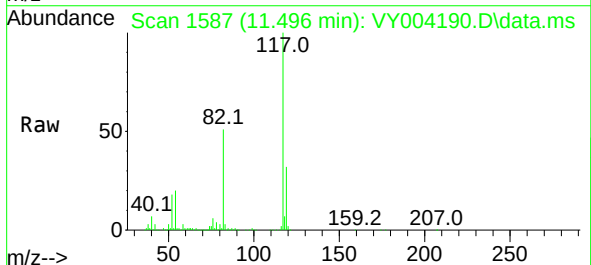
Instrument :
MSVOA_Y
ClientSampleId :

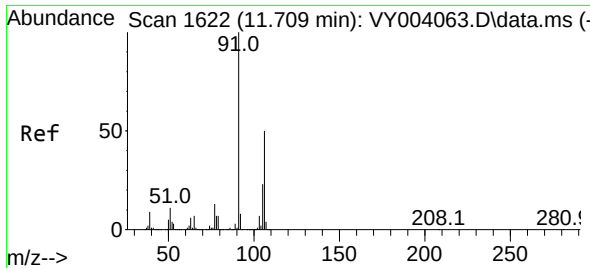
Tgt Ion: 95 Resp: 139876
Ion Ratio Lower Upper
95 100
174 85.6 0.0 179.0
176 82.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion: 117 Resp: 311533
Ion Ratio Lower Upper
117 100
82 51.2 43.8 65.6
119 31.6 26.2 39.2

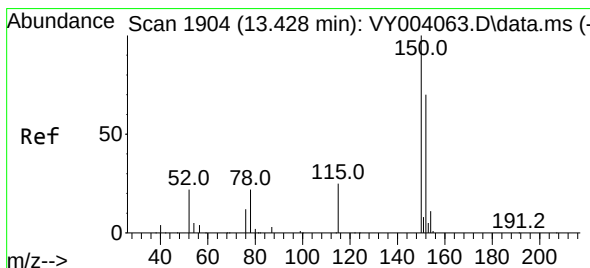
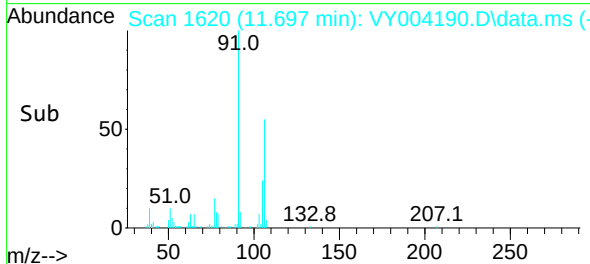
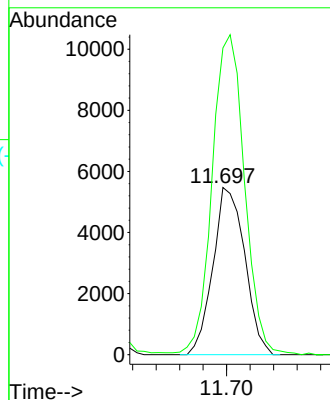
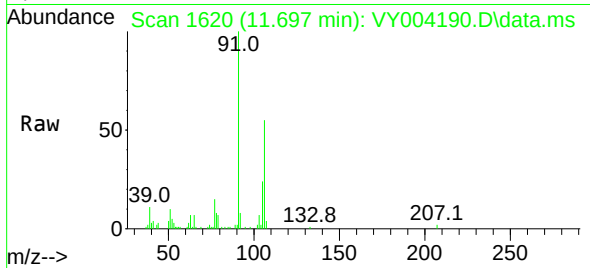




#68
m/p-Xylenes
Concen: 2.46 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.012 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

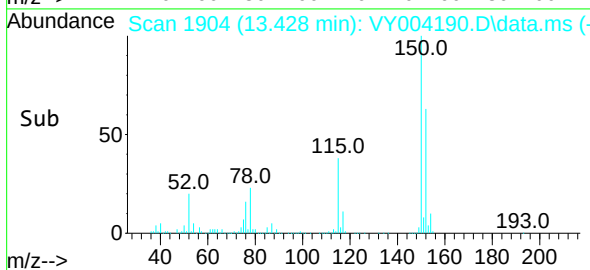
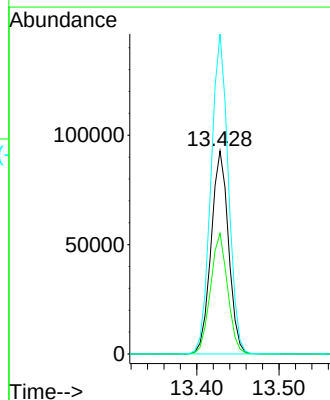
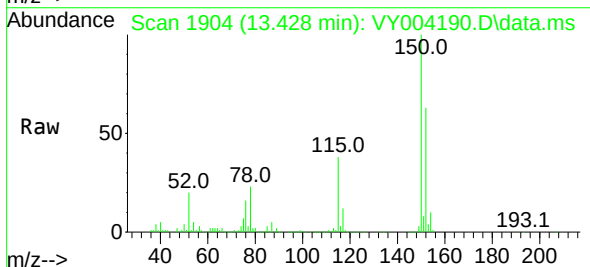
Instrument :
MSVOA_Y
ClientSampleId :

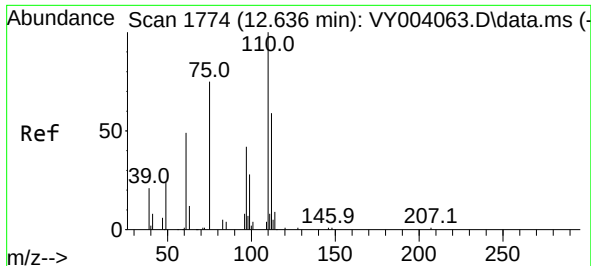
Tgt Ion:106 Resp: 10281
Ion Ratio Lower Upper
106 100
91 195.0 165.4 248.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion:152 Resp: 136502
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.6
150 157.0 0.0 347.2

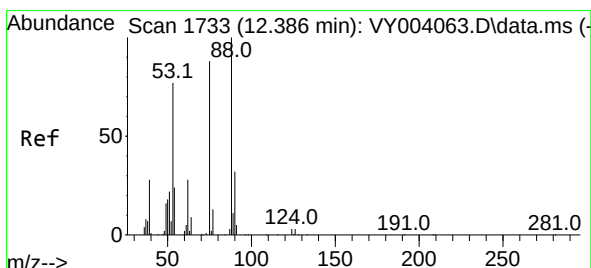
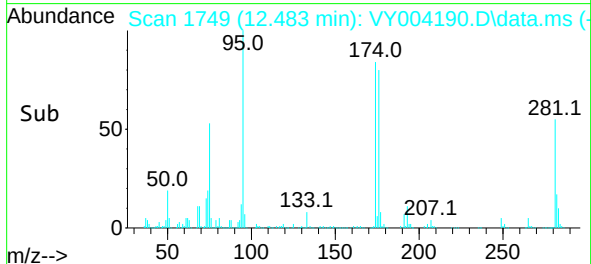
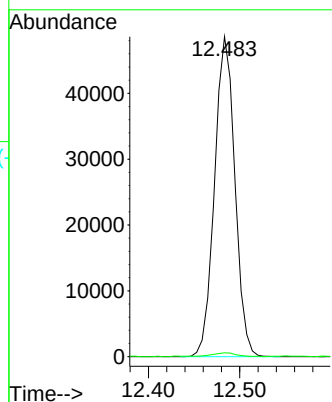
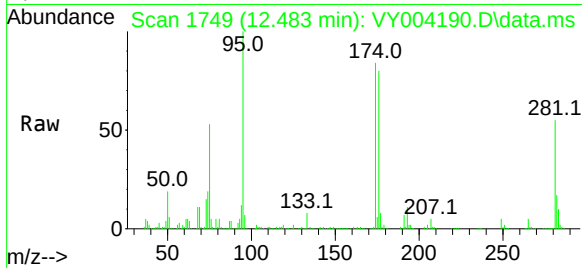




#76
1,2,3-Trichloropropane
Concen: 57.43 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75164
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.097 min
Lab File: VY004190.D
Acq: 24 Mar 2021 17:09

Tgt Ion: 75 Resp: 75164
Ion Ratio Lower Upper
75 100
53 0.1 73.5 110.3#
89 1.5 35.7 53.5#

