

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005052.D
 Acq On : 09 Jun 2021 17:28
 Operator : SY/MD
 Sample : M2651-01
 Misc : 14.51G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:43:13 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)

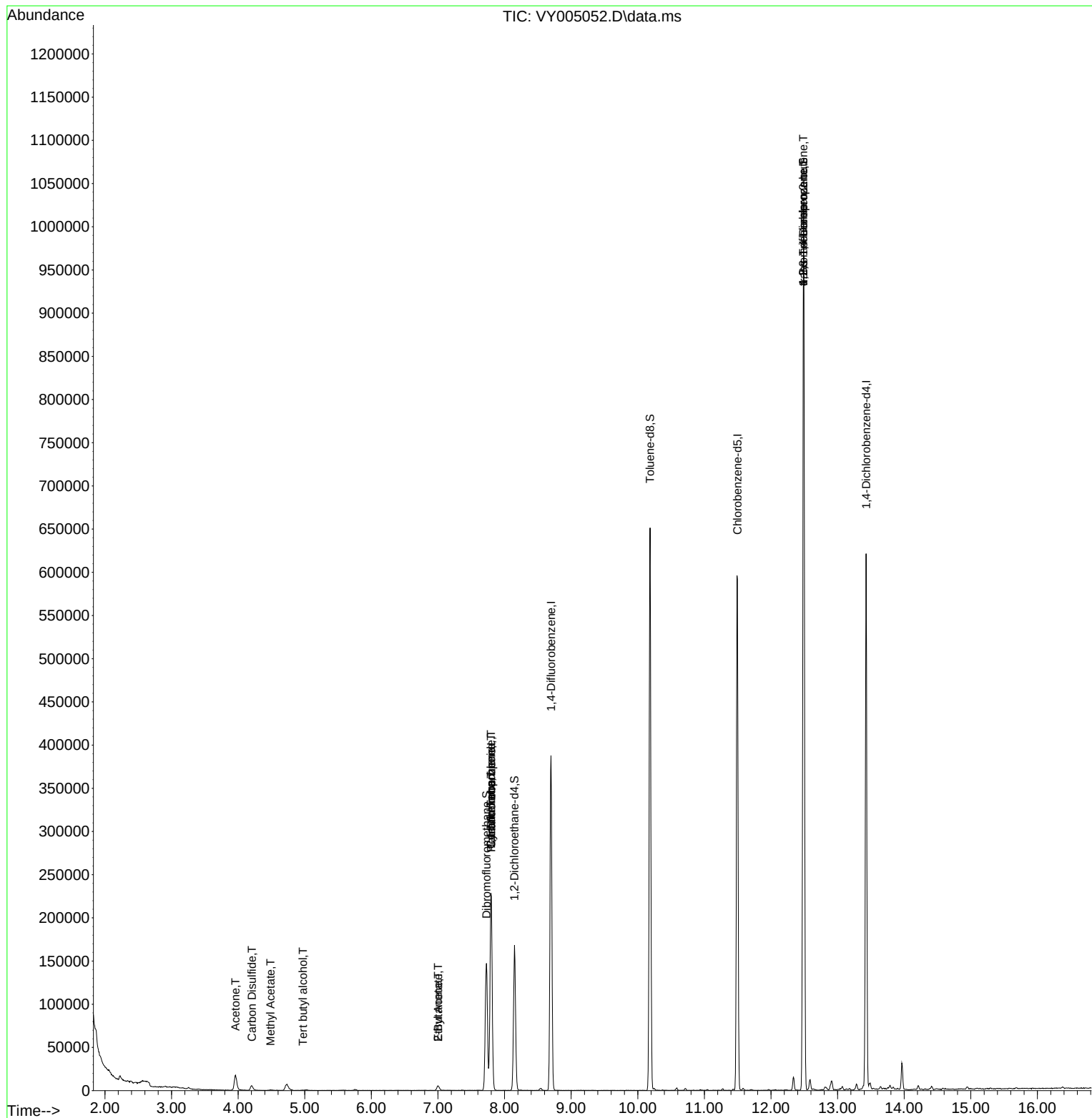
Internal Standards						
1) Pentafluorobenzene	7.801	168	176458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	329425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122059	65.431	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.860%			
35) Dibromofluoromethane	7.728	113	106619	60.013	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.020%			
50) Toluene-d8	10.185	98	418911	56.775	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 113.560%			
62) 4-Bromofluorobenzene	12.483	95	147882	58.277	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.560%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	531	2.475	ug/l #	74
16) Acetone	3.960	43	30603	68.148	ug/l	99
17) Carbon Disulfide	4.204	76	9966	1.787	ug/l #	95
18) Methyl Acetate	4.485	43	1532	1.065	ug/l #	71
20) Methylene Chloride	4.723	84	5277	Below Cal		85
25) 2-Butanone	7.003	43	9721	12.873	ug/l	91
31) Cyclohexane	7.795	56	3721	1.133	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	14053	4.348	ug/l #	51
37) Ethyl Acetate	7.003	43	9721	4.573	ug/l #	70
38) Carbon Tetrachloride	7.795	117	17484	6.217	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	83709	50.638	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83709	93.062	ug/l #	16

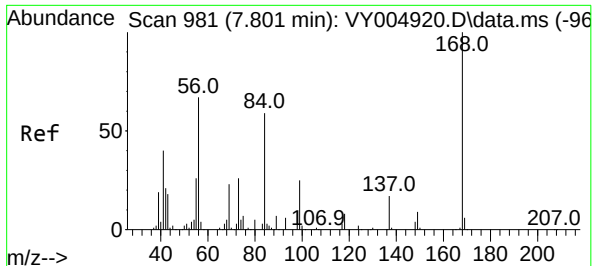
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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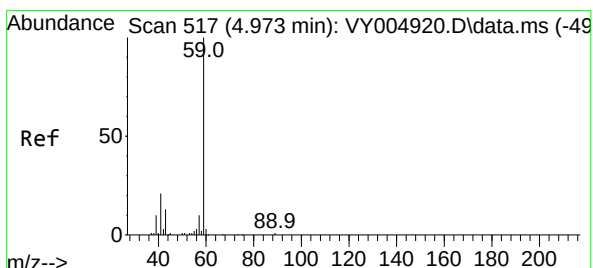
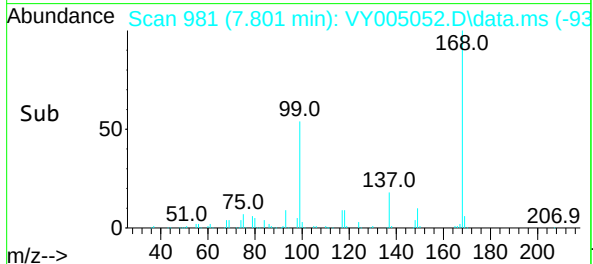
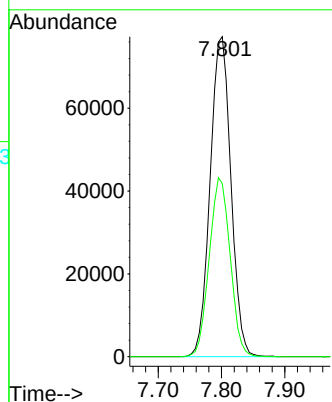
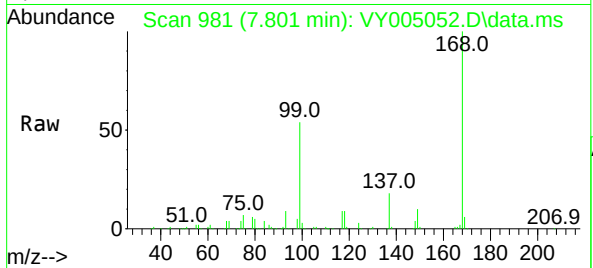




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

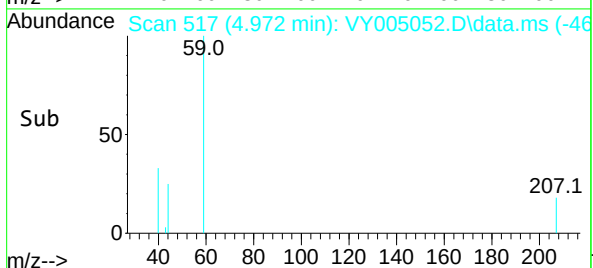
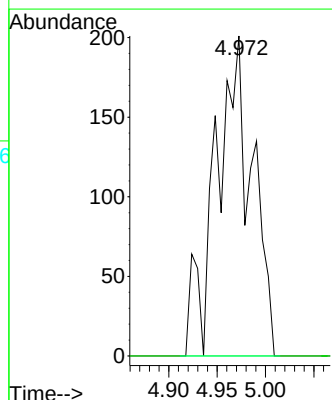
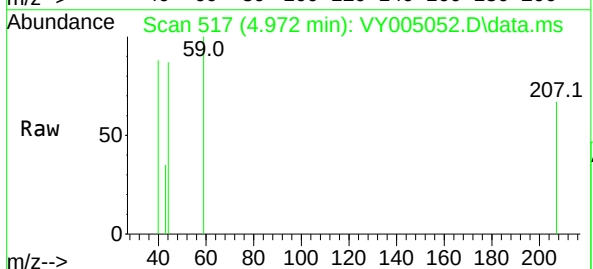
Instrument :
MSVOA_Y
ClientSampleId :

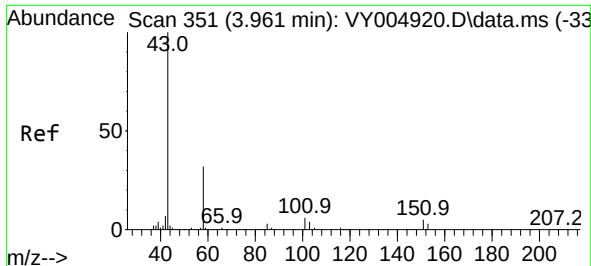
Tgt Ion:168 Resp: 176458
Ion Ratio Lower Upper
168 100
99 54.1 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.475 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

Tgt Ion: 59 Resp: 531
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

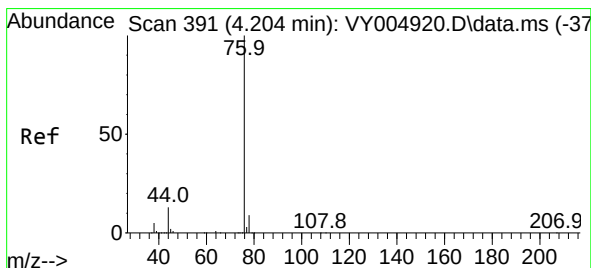
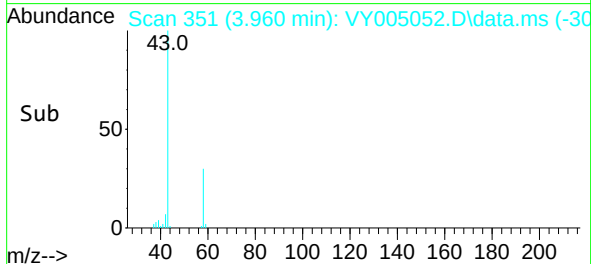
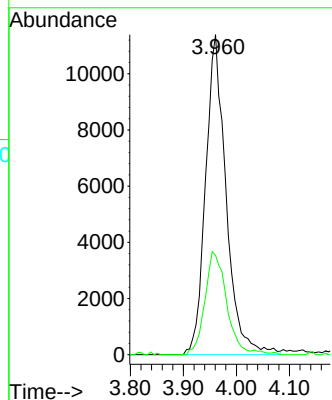
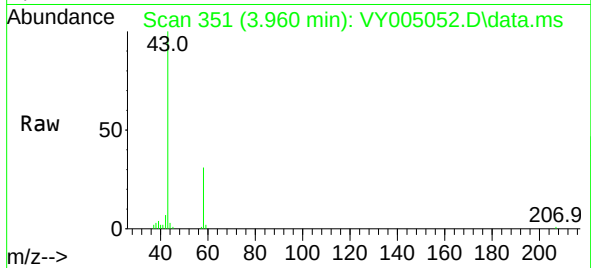




#16
Acetone
Concen: 68.148 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

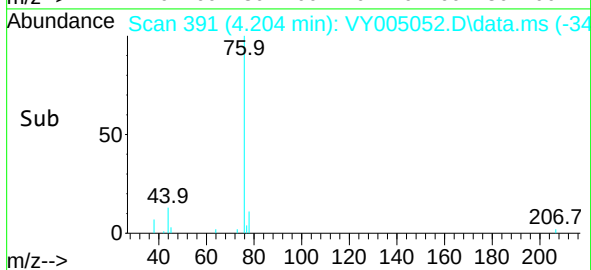
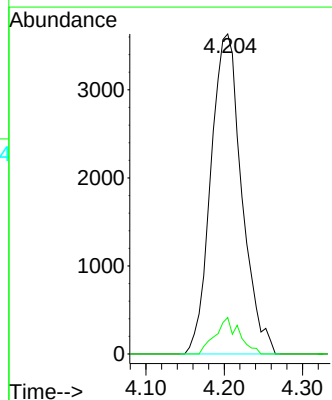
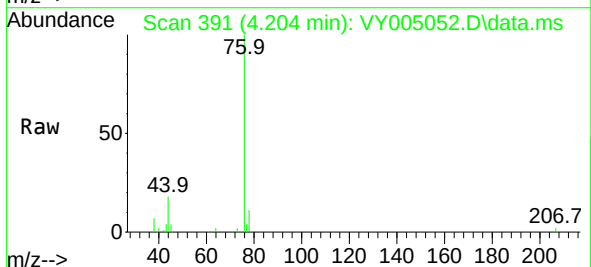
Instrument :
MSVOA_Y
ClientSampled :

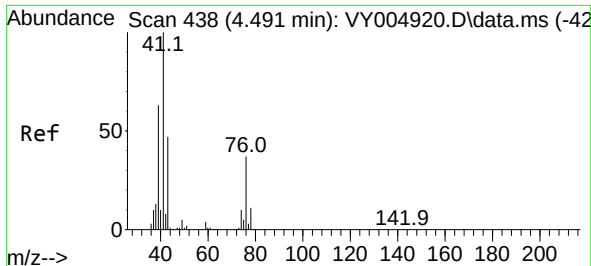
Tgt Ion: 43 Resp: 30603
Ion Ratio Lower Upper
43 100
58 31.0 25.3 37.9



#17
Carbon Disulfide
Concen: 1.787 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

Tgt Ion: 76 Resp: 9966
Ion Ratio Lower Upper
76 100
78 11.4 7.6 11.4#

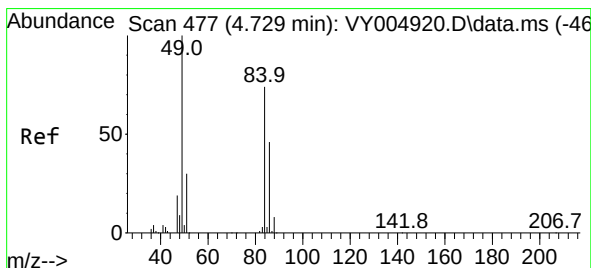
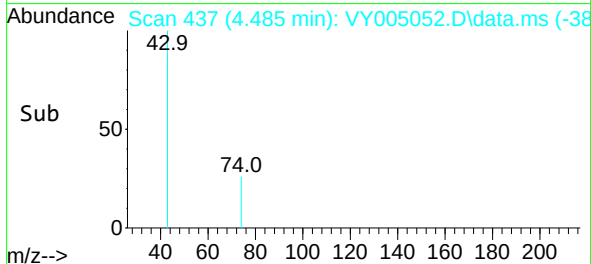
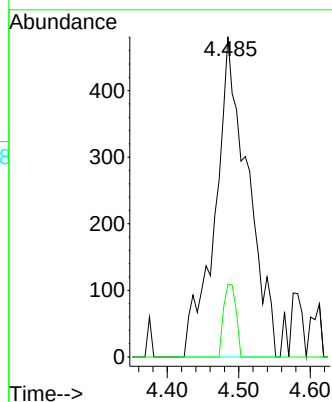
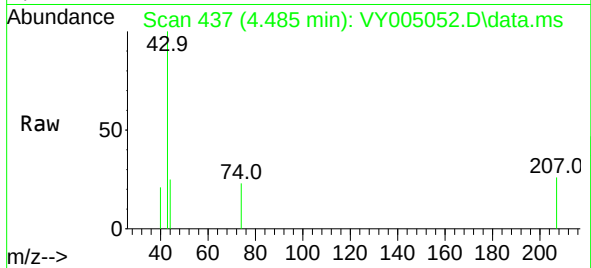




#18
Methyl Acetate
Concen: 1.065 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

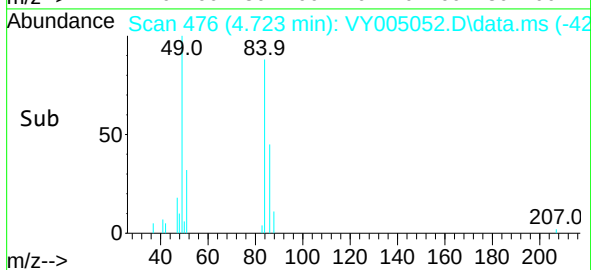
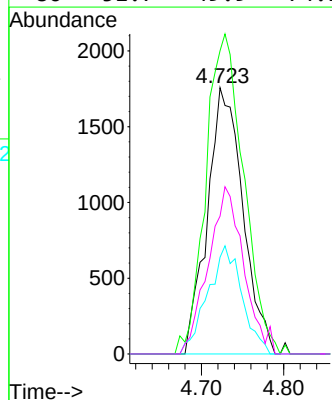
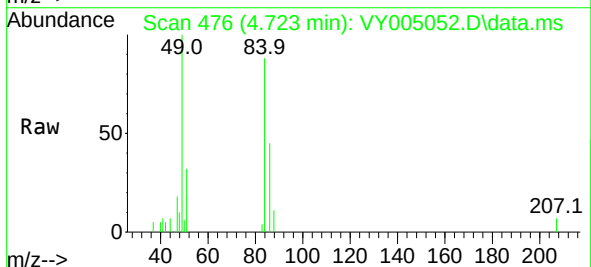
Instrument :
MSVOA_Y
ClientSampled :

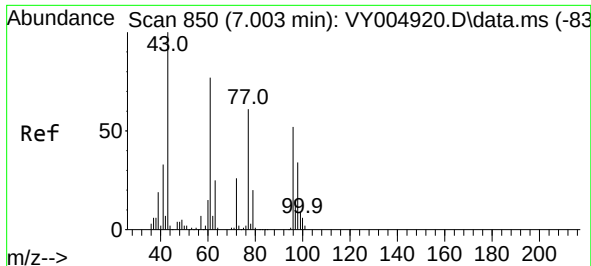
Tgt Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
74 8.6 18.0 27.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

Tgt Ion: 84 Resp: 5277
Ion Ratio Lower Upper
84 100
49 113.9 108.0 162.0
51 36.3 32.6 48.8
86 51.7 49.9 74.9

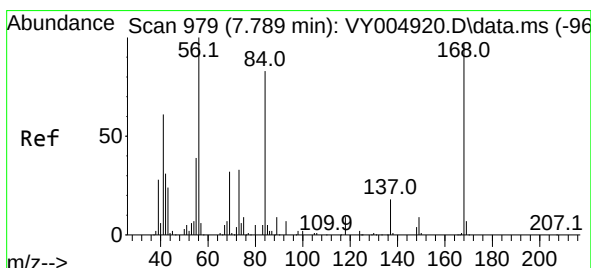
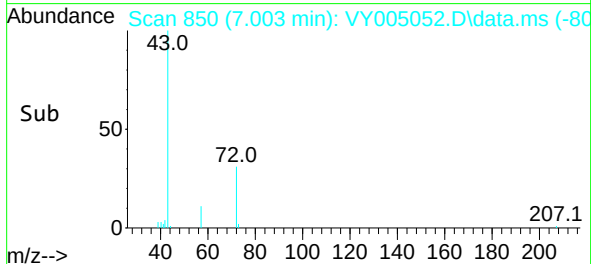
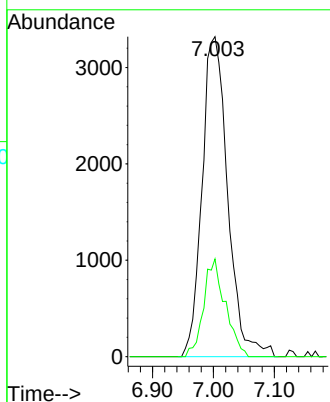
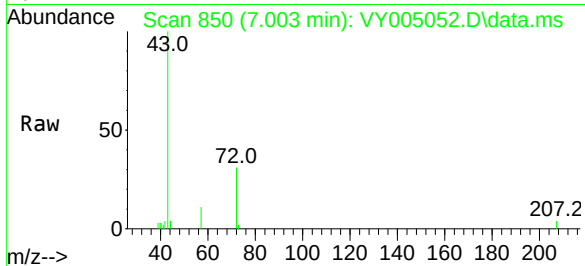




#25
2-Butanone
Concen: 12.873 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

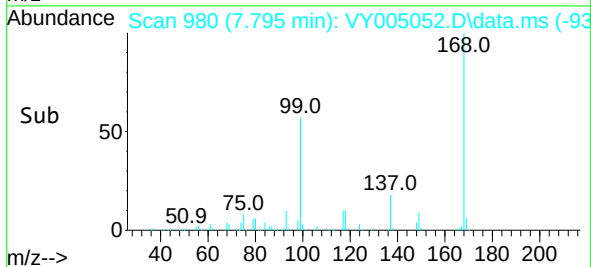
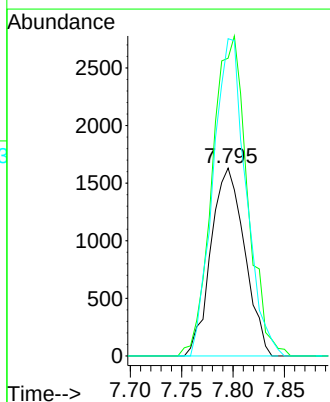
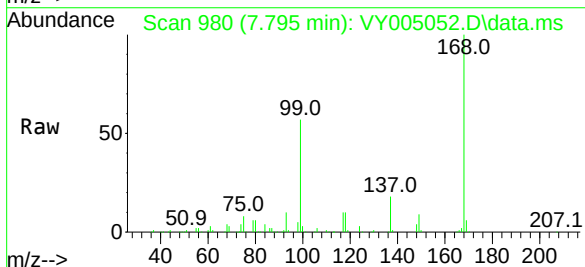
Instrument :
MSVOA_Y
ClientSampled :

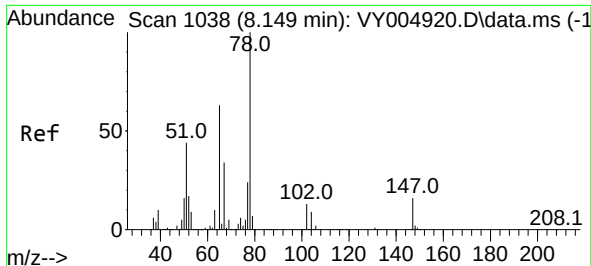
Tgt Ion: 43 Resp: 9721
Ion Ratio Lower Upper
43 100
72 30.5 20.6 31.0



#31
Cyclohexane
Concen: 1.133 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

Tgt Ion: 56 Resp: 3721
Ion Ratio Lower Upper
56 100
69 158.5 25.3 37.9#
84 168.9 66.2 99.4#

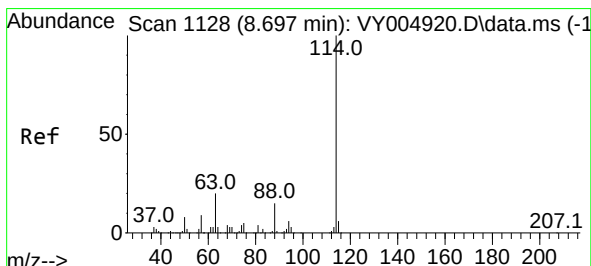
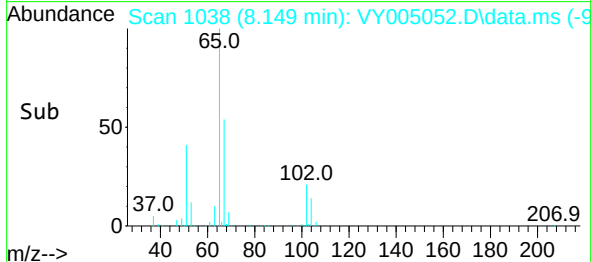
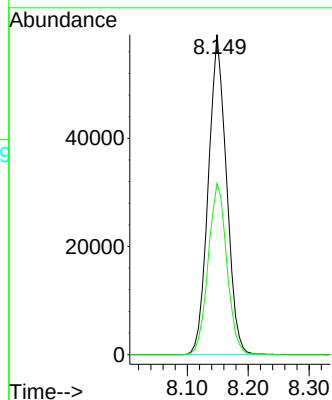
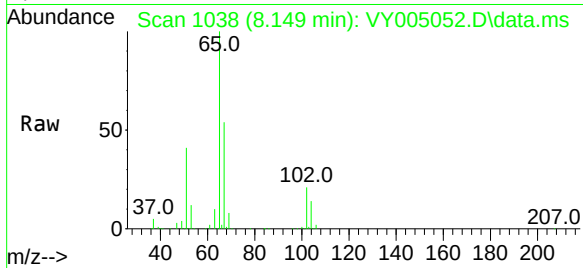




#33
 1,2-Dichloroethane-d4
 Concen: 65.431 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005052.D
 Acq: 09 Jun 2021 17:28

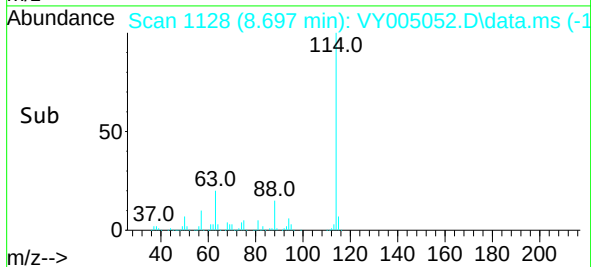
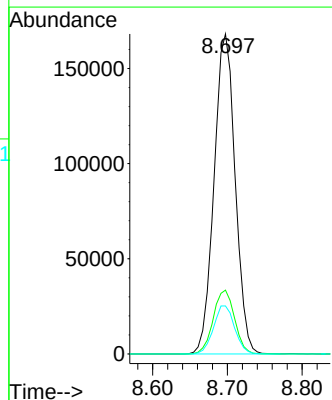
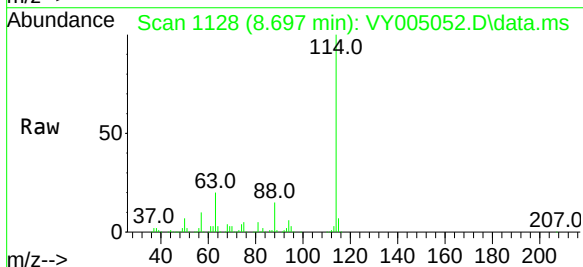
Instrument :
 MSVOA_Y
 ClientSampled :

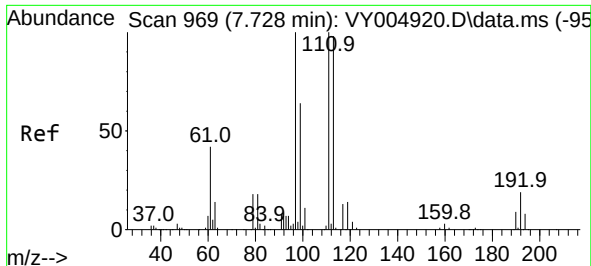
Tgt Ion: 65 Resp: 122059
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005052.D
 Acq: 09 Jun 2021 17:28

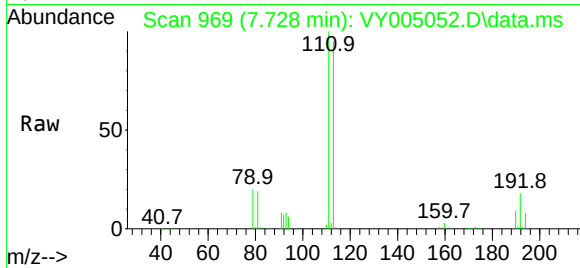
Tgt Ion: 114 Resp: 330213
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.0
 88 15.0 0.0 30.6



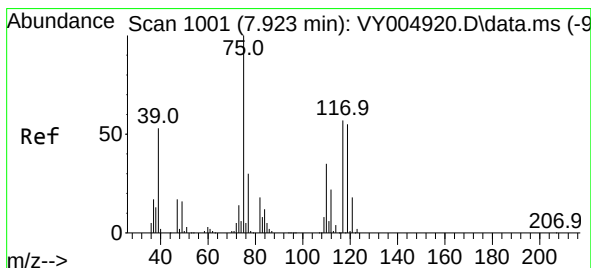
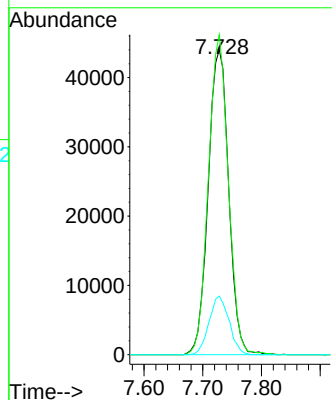
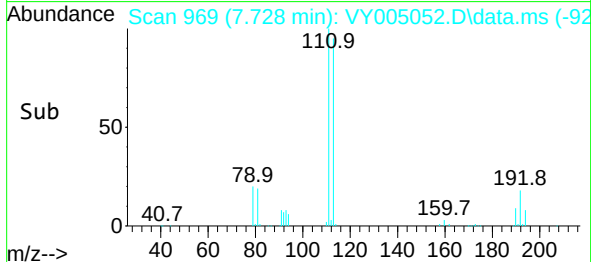


#35
Dibromofluoromethane
Concen: 60.013 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

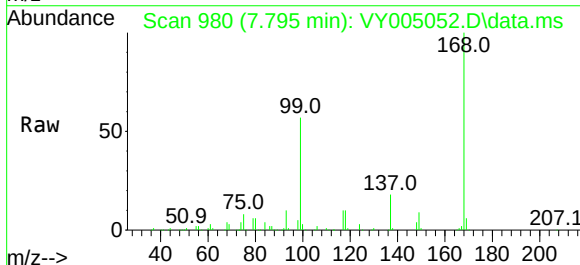
Instrument :
MSVOA_Y
ClientSampleId :



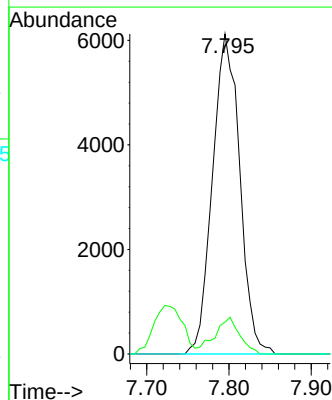
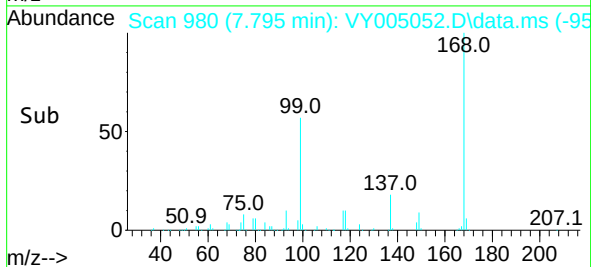
Tgt Ion:113 Resp: 106619
Ion Ratio Lower Upper
113 100
111 101.9 81.8 122.8
192 18.7 15.3 22.9

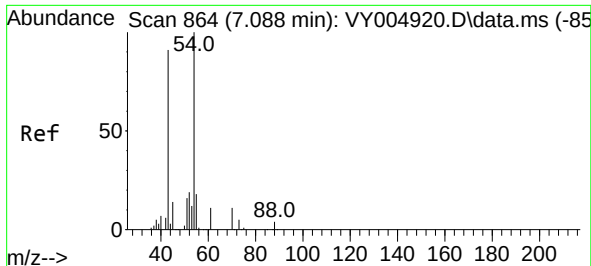


#36
1,1-Dichloropropene
Concen: 4.348 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28



Tgt Ion: 75 Resp: 14053
Ion Ratio Lower Upper
75 100
110 10.6 17.5 52.5#
77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 4.573 ug/l

RT: 7.003 min Scan# 850

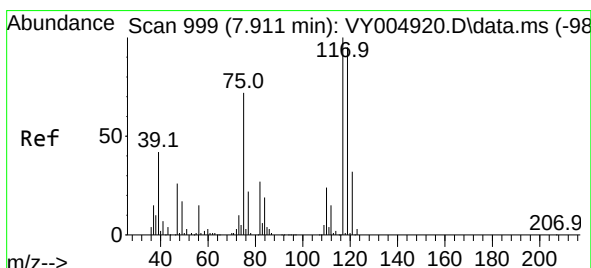
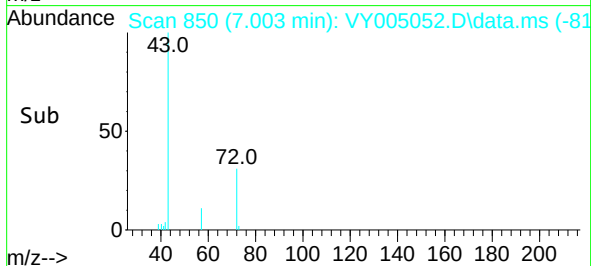
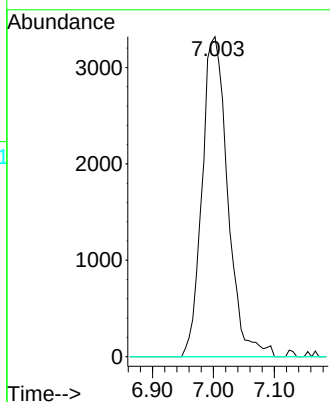
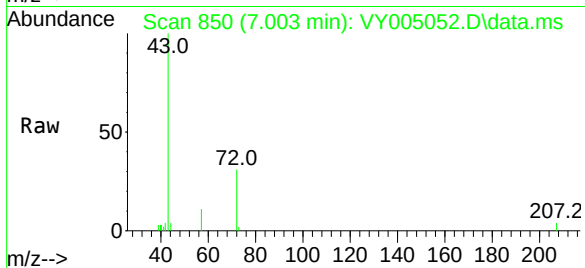
Delta R.T. -0.085 min

Lab File: VY005052.D

Acq: 09 Jun 2021 17:28

Tgt Ion: 43	Resp: 9721
Ion Ratio	Lower Upper
43 100	
61 0.0	10.5 15.7#
70 0.0	7.9 11.9#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 6.217 ug/l

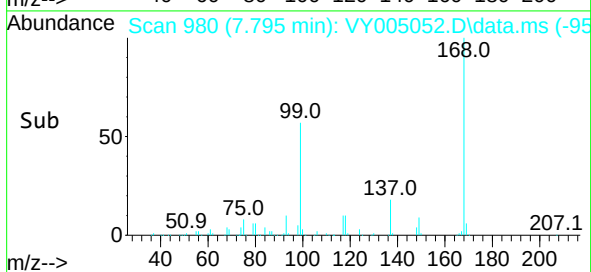
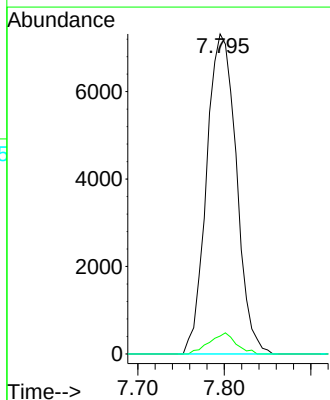
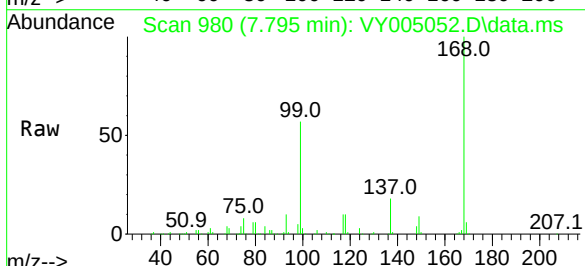
RT: 7.795 min Scan# 980

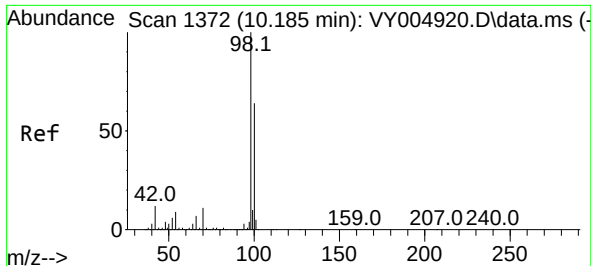
Delta R.T. -0.116 min

Lab File: VY005052.D

Acq: 09 Jun 2021 17:28

Tgt Ion: 117	Resp: 17484
Ion Ratio	Lower Upper
117 100	
119 5.6	76.1 114.1#
121 0.0	25.5 38.3#

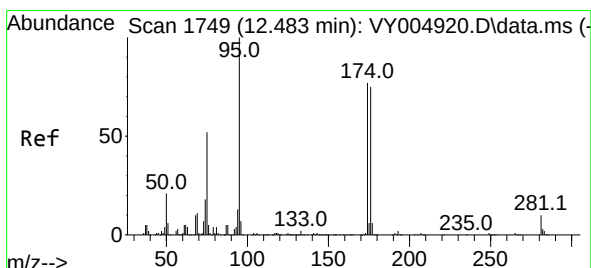
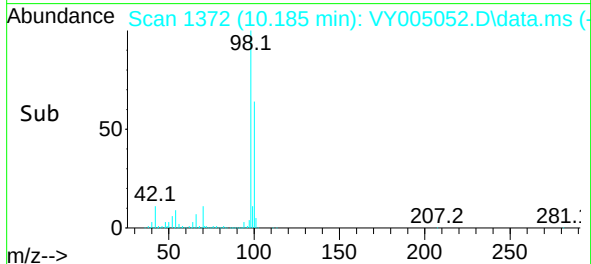
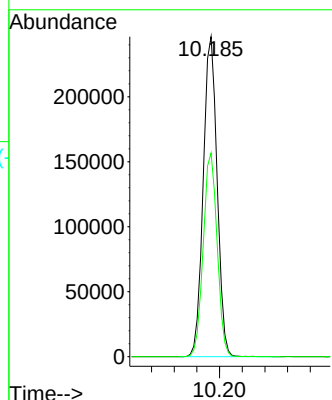
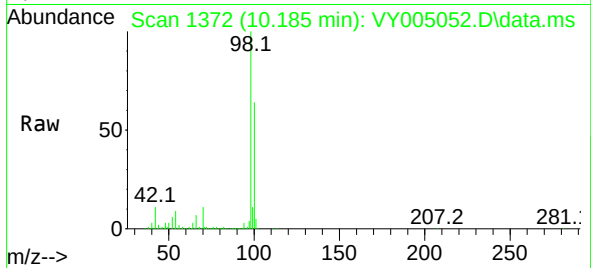




#50
Toluene-d8
Concen: 56.775 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

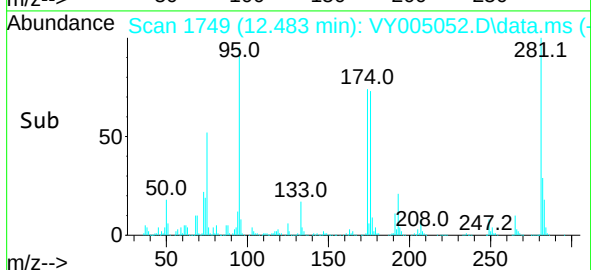
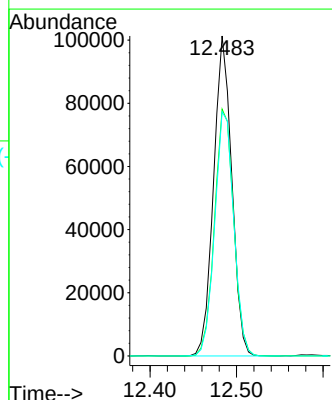
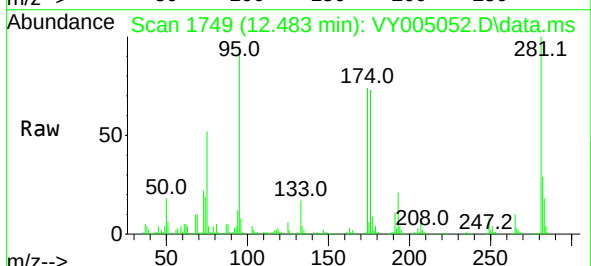
Instrument :
MSVOA_Y
ClientSampleId :

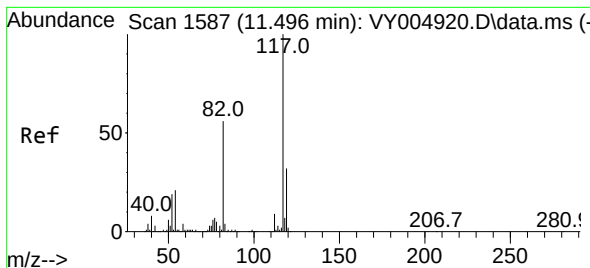
Tgt Ion: 98 Resp: 418911
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 58.277 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

Tgt Ion: 95 Resp: 147882
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.8
176 79.7 0.0 155.6

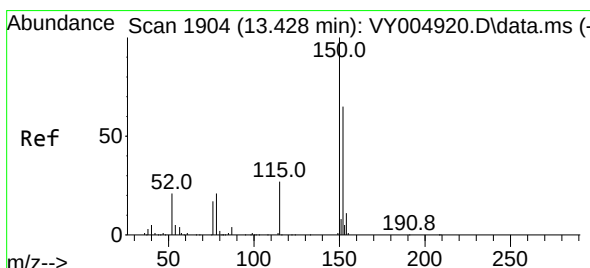
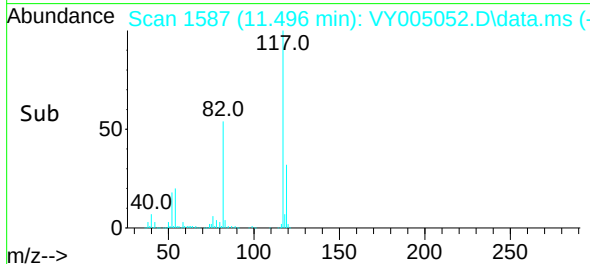
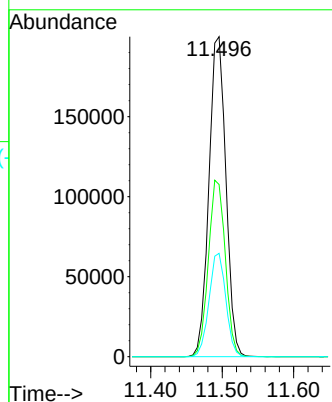
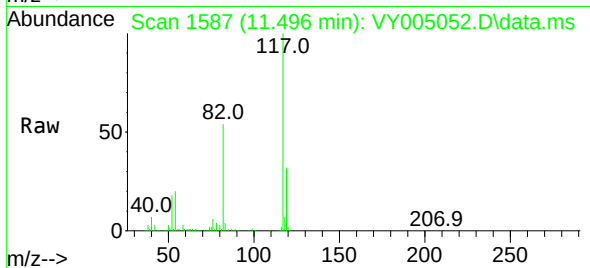




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

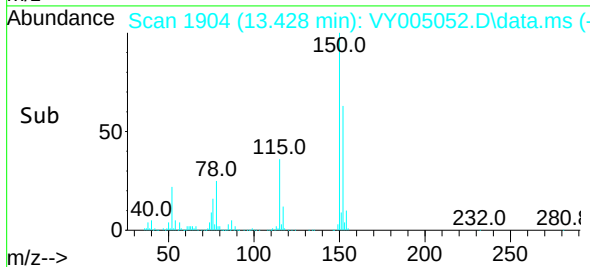
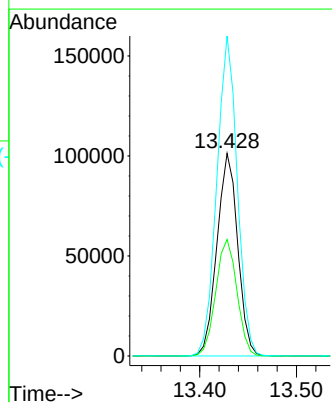
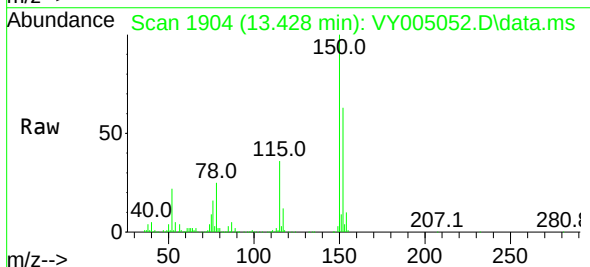
Instrument :
MSVOA_Y
ClientSampleId :

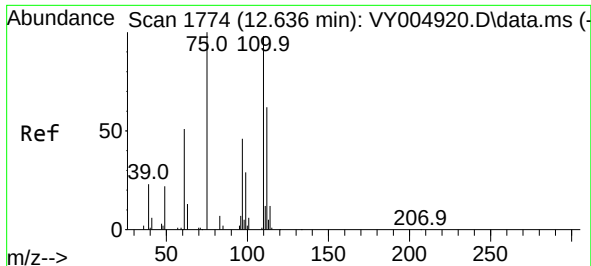
Tgt Ion:117 Resp: 329425
Ion Ratio Lower Upper
117 100
82 53.8 44.8 67.2
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

Tgt Ion:152 Resp: 150801
Ion Ratio Lower Upper
152 100
115 58.6 29.9 89.7
150 155.7 0.0 347.8

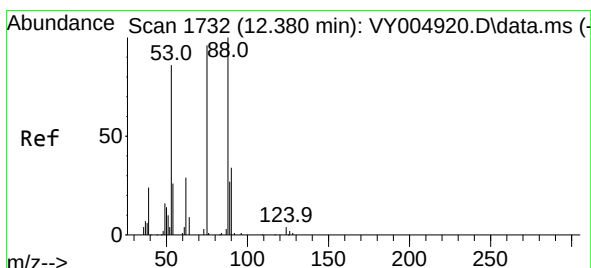
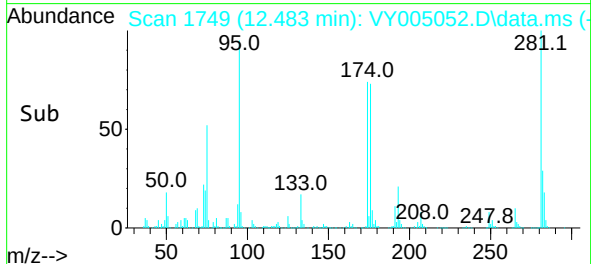
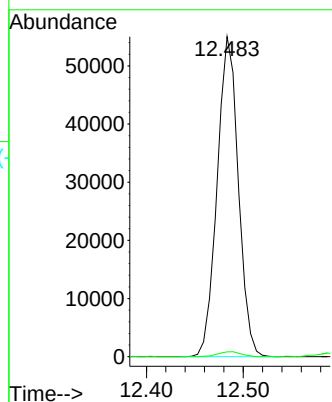
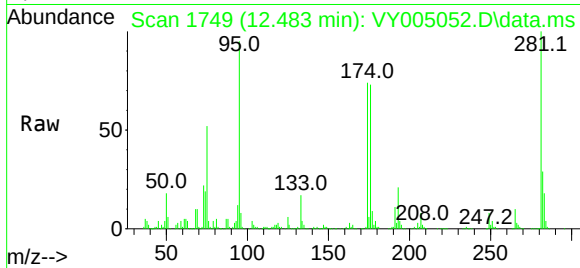




#76
1,2,3-Trichloropropane
Concen: 50.638 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 83709
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.062 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005052.D
Acq: 09 Jun 2021 17:28

Tgt Ion: 75 Resp: 83709
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.6 35.0 52.6#

