

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005102.D
 Acq On : 11 Jun 2021 02:53
 Operator : SY/MD
 Sample : M2672-17
 Misc : 4.68G/5ML/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 07:07:45 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)

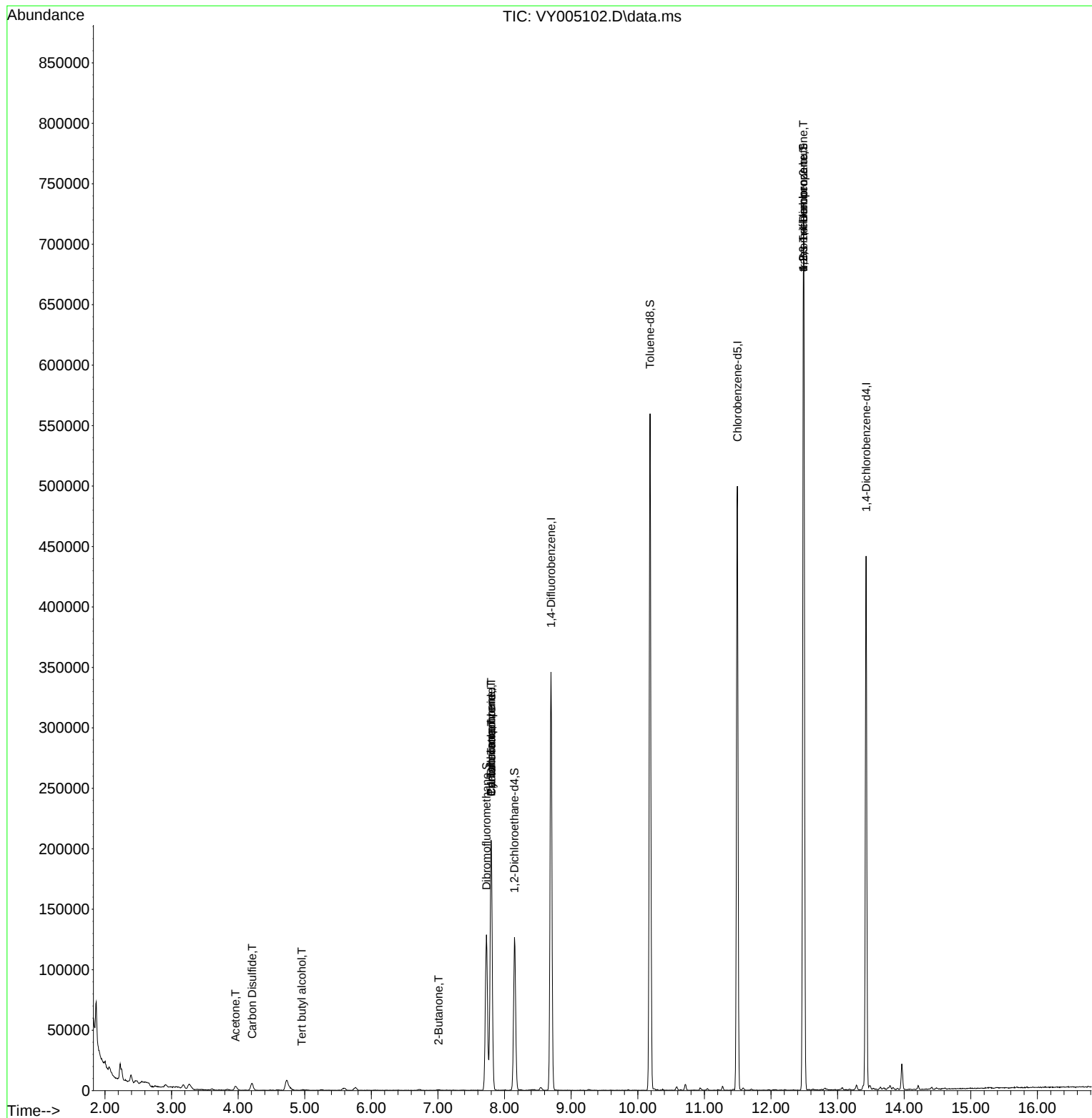
Internal Standards						
1) Pentafluorobenzene	7.801	168	161521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	294711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	270998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110429	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98029	57.409	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.820%			
35) Dibromofluoromethane	7.728	113	89417	56.394	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.780%			
50) Toluene-d8	10.185	98	358976	54.513	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 109.020%			
62) 4-Bromofluorobenzene	12.483	95	111140	49.074	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.140%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.954	59	428	2.180	ug/l #	74
16) Acetone	3.960	43	5889	14.327	ug/l #	88
17) Carbon Disulfide	4.210	76	11124	2.179	ug/l #	94
20) Methylene Chloride	4.729	84	6323	Below Cal	#	83
25) 2-Butanone	7.009	43	945	1.367	ug/l #	49
31) Cyclohexane	7.801	56	3591	1.194	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12136	4.208	ug/l #	51
38) Carbon Tetrachloride	7.801	117	16418	6.541	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	63398	52.373	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63398	96.249	ug/l #	16

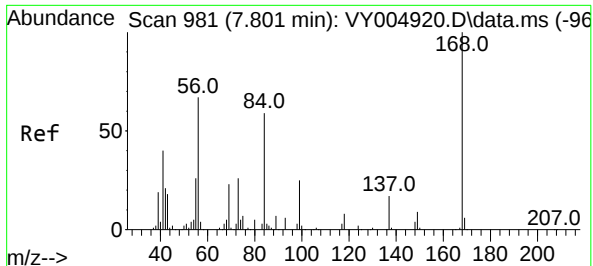
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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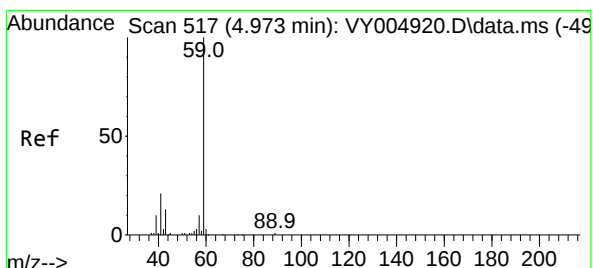
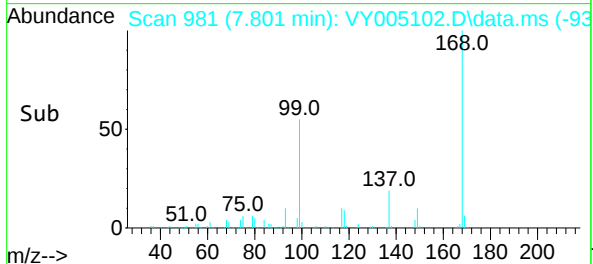
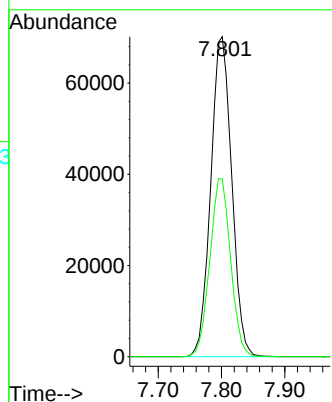
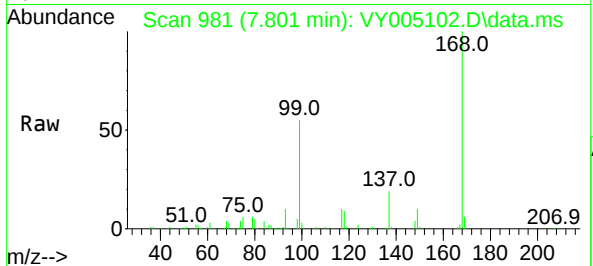




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

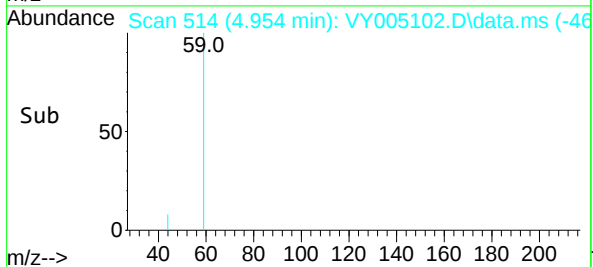
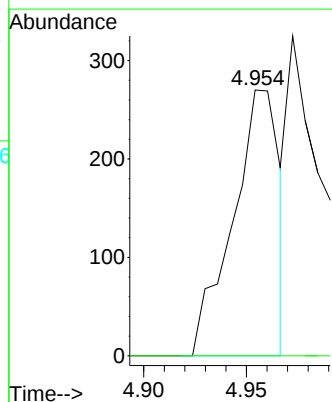
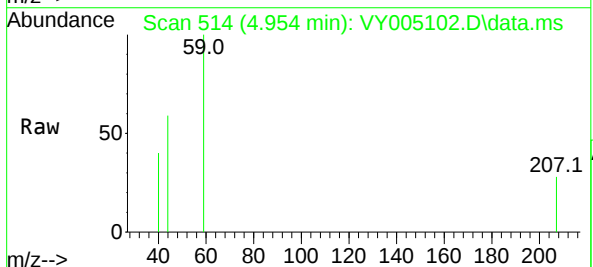
Instrument :
MSVOA_Y
ClientSampled :

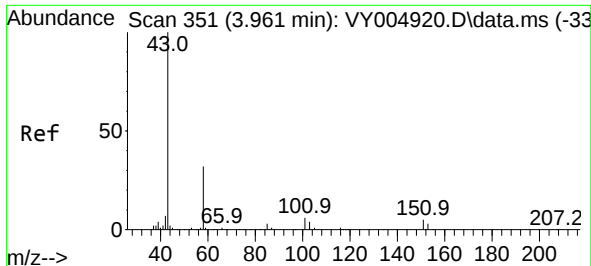
Tgt Ion:168 Resp: 161521
Ion Ratio Lower Upper
168 100
99 55.5 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.180 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.019 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

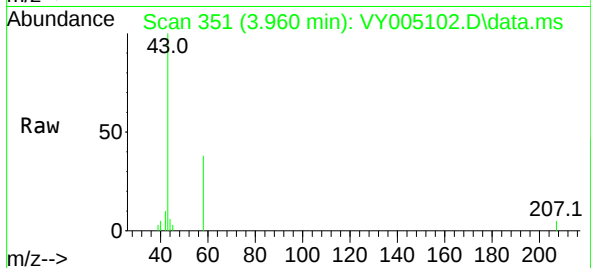
Tgt Ion: 59 Resp: 428
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



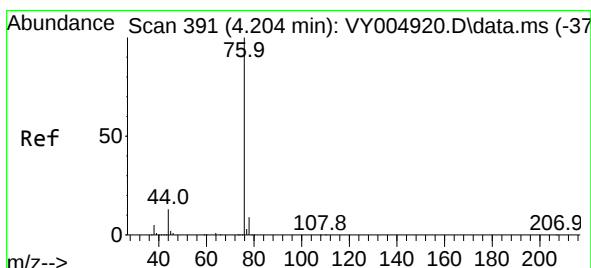
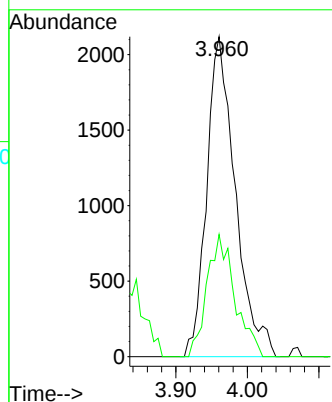
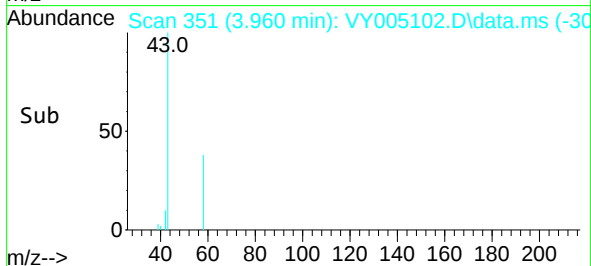


#16
Acetone
Concen: 14.327 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

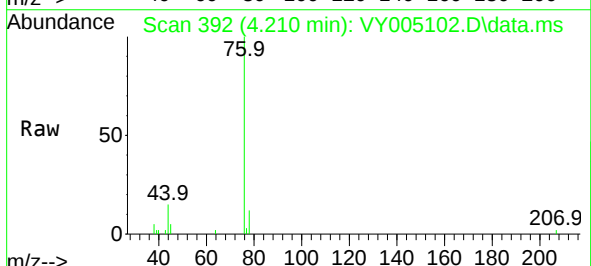
Instrument :
MSVOA_Y
ClientSampled :



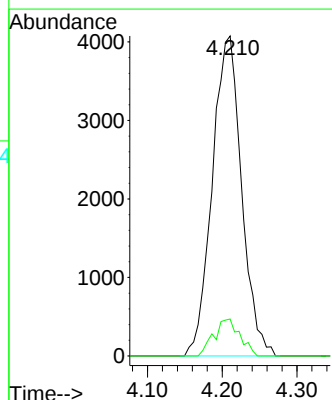
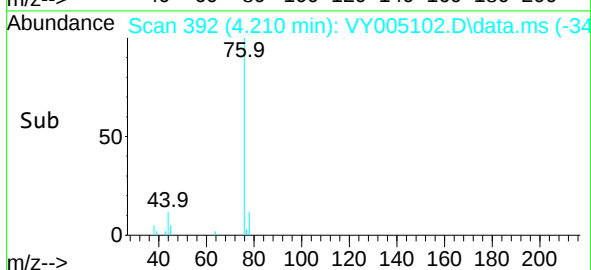
Tgt Ion: 43 Resp: 5889
Ion Ratio Lower Upper
43 100
58 38.2 25.3 37.9#

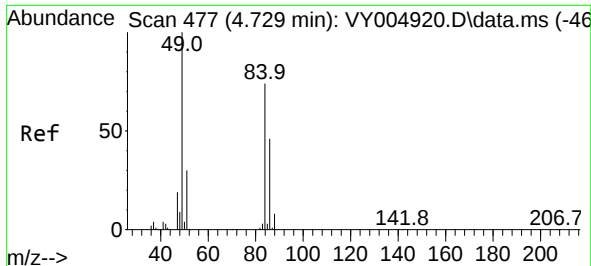


#17
Carbon Disulfide
Concen: 2.179 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53



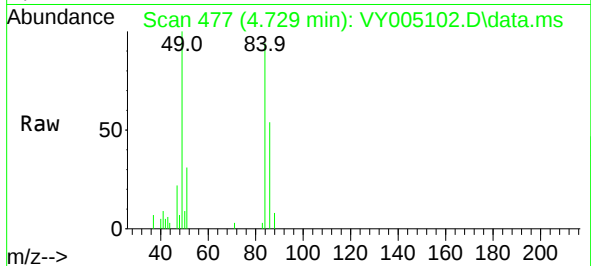
Tgt Ion: 76 Resp: 11124
Ion Ratio Lower Upper
76 100
78 11.6 7.6 11.4#



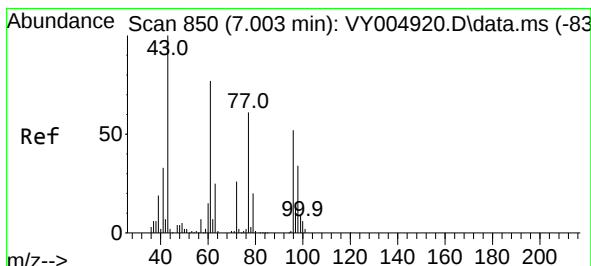
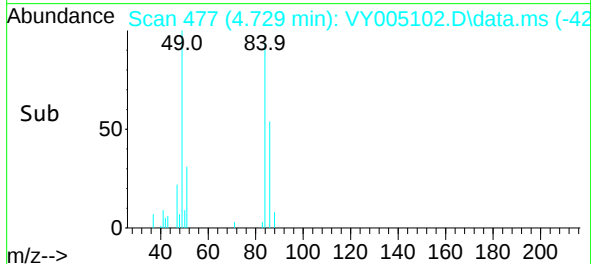
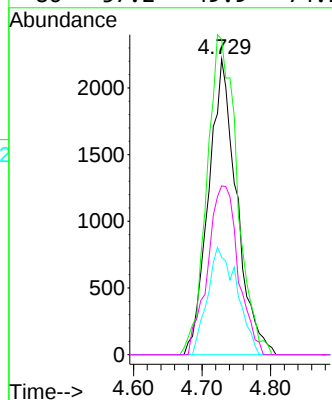


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

Instrument :
MSVOA_Y
ClientSampled :

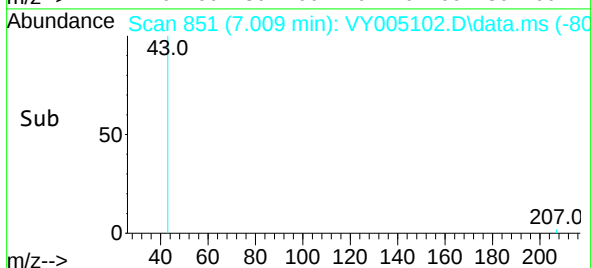
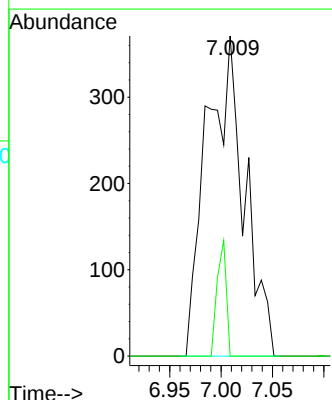
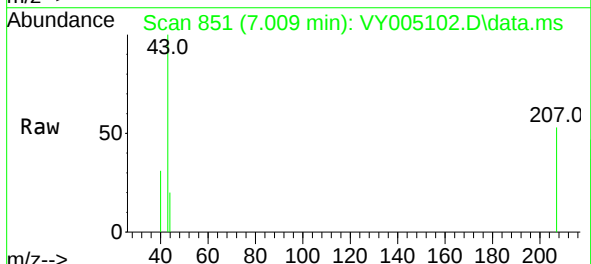


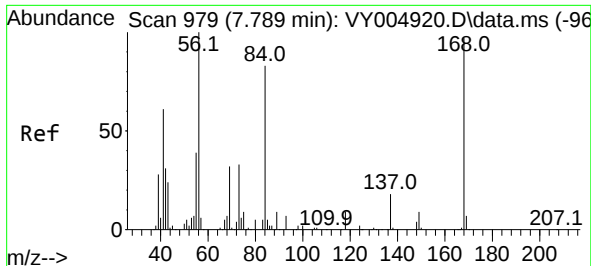
Tgt Ion: 84 Resp: 6323
Ion Ratio Lower Upper
84 100
49 106.8 108.0 162.0#
51 33.0 32.6 48.8
86 57.2 49.9 74.9



#25
2-Butanone
Concen: 1.367 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

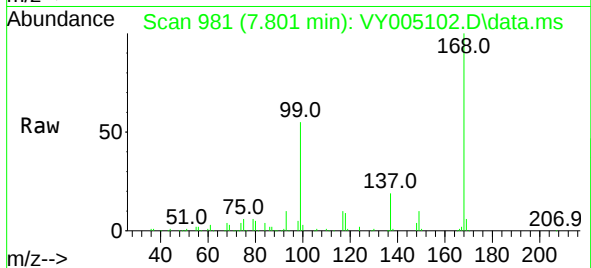
Tgt Ion: 43 Resp: 945
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



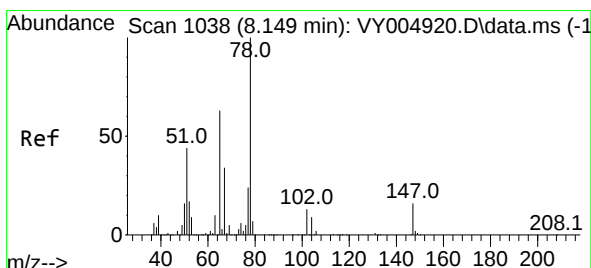
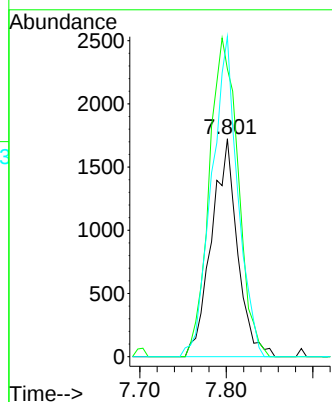
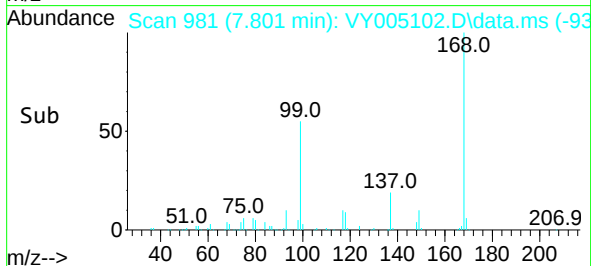


#31
Cyclohexane
Concen: 1.194 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

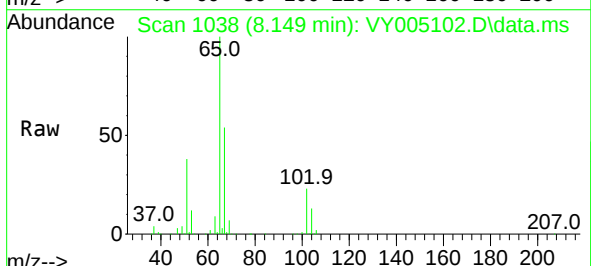
Instrument :
MSVOA_Y
ClientSampled :



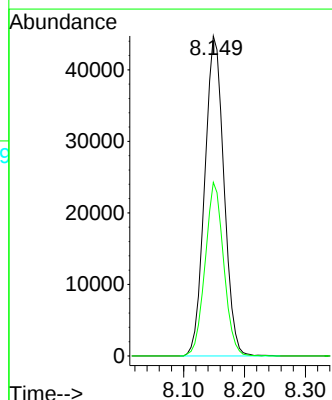
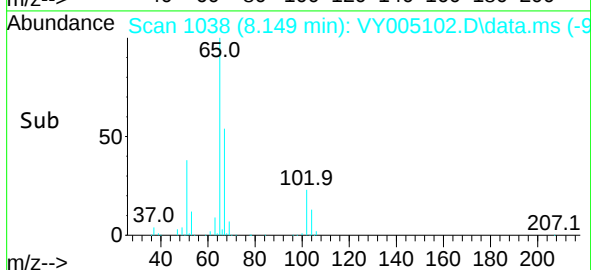
Tgt Ion: 56 Resp: 3591
Ion Ratio Lower Upper
56 100
69 132.0 25.3 37.9#
84 146.9 66.2 99.4#

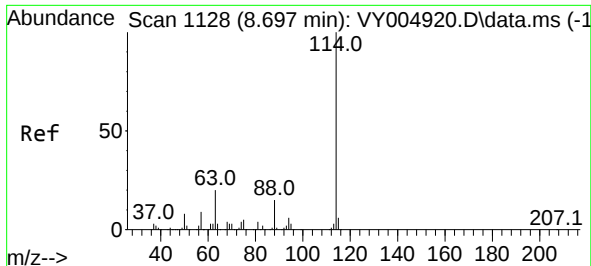


#33
1,2-Dichloroethane-d4
Concen: 57.409 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53



Tgt Ion: 65 Resp: 98029
Ion Ratio Lower Upper
65 100
67 52.4 0.0 110.6

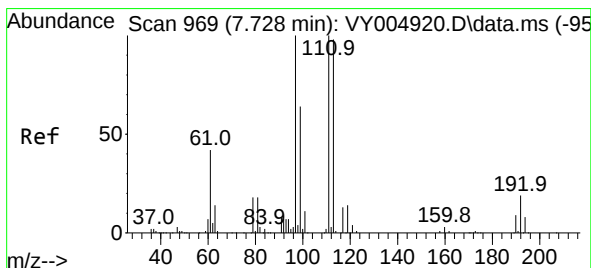
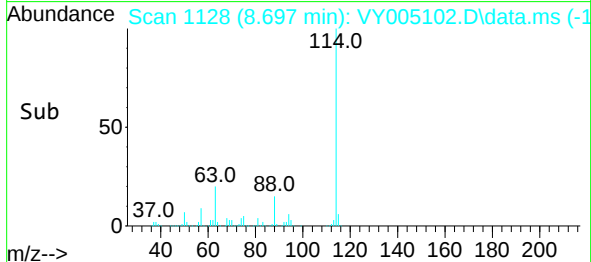
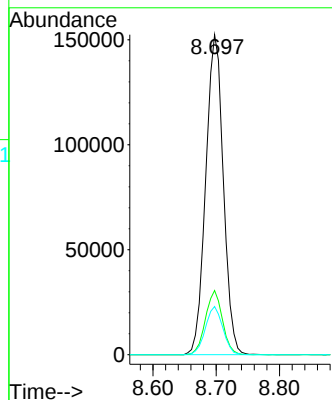
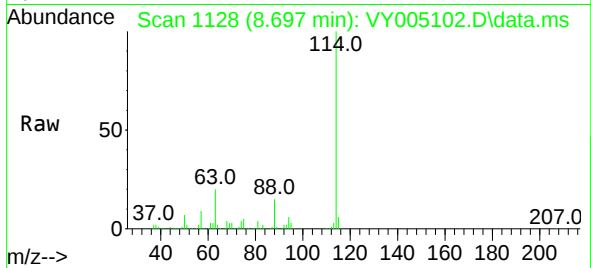




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

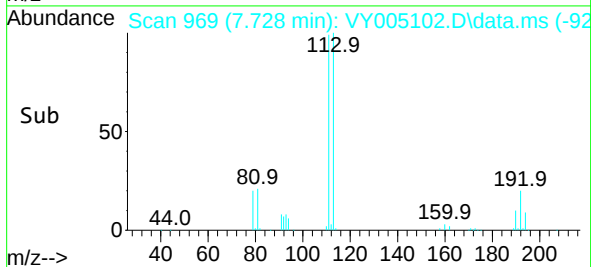
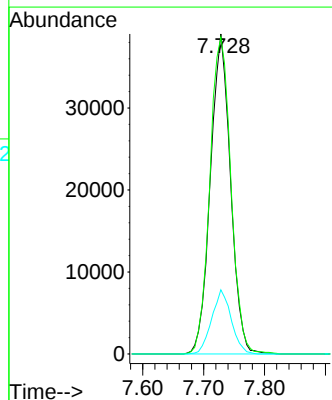
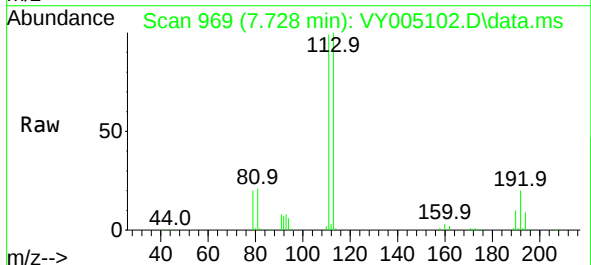
Instrument :
MSVOA_Y
ClientSampleId :

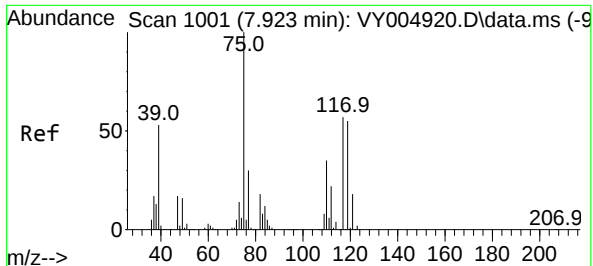
Tgt Ion:114 Resp: 294711
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.0
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 56.394 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

Tgt Ion:113 Resp: 89417
Ion Ratio Lower Upper
113 100
111 103.9 81.8 122.8
192 19.5 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.208 ug/l

RT: 7.795 min Scan# 980

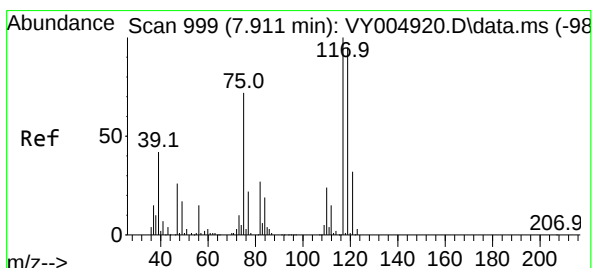
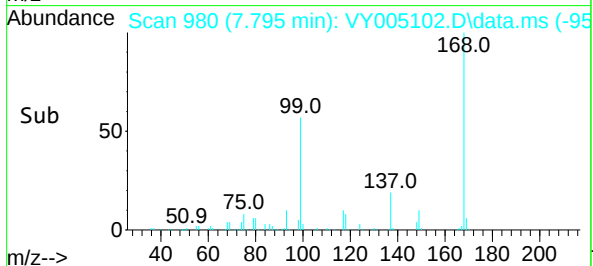
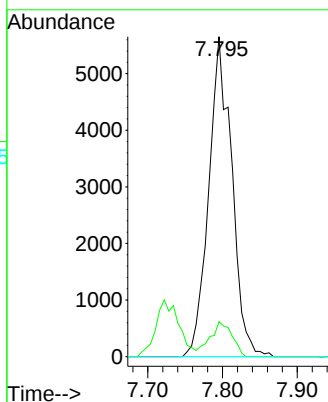
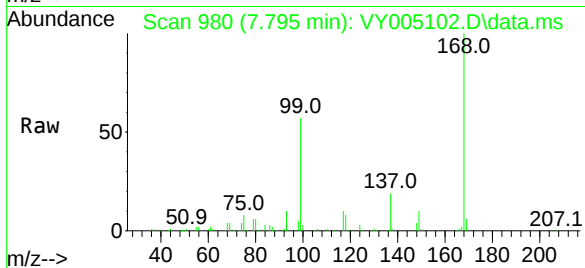
Delta R.T. -0.128 min

Lab File: VY005102.D

Acq: 11 Jun 2021 02:53

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 12136
Ion Ratio	Lower Upper
75 100	
110 10.4	17.5 52.5#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.541 ug/l

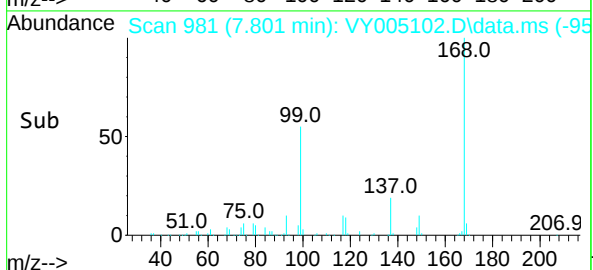
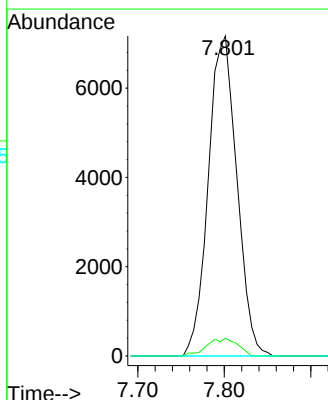
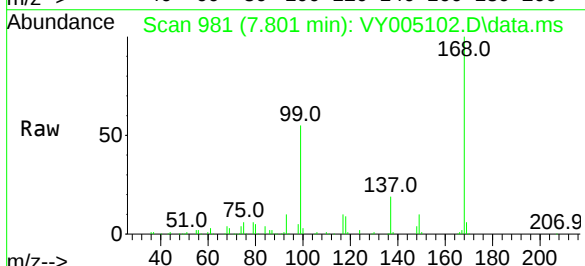
RT: 7.801 min Scan# 981

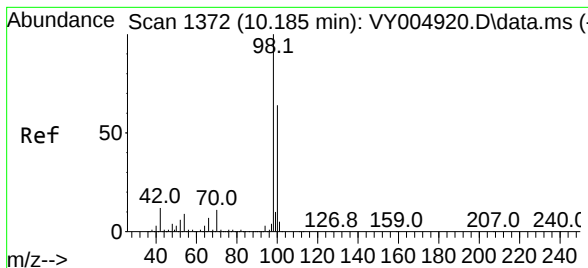
Delta R.T. -0.110 min

Lab File: VY005102.D

Acq: 11 Jun 2021 02:53

Tgt Ion: 117	Resp: 16418
Ion Ratio	Lower Upper
117 100	
119 5.6	76.1 114.1#
121 0.0	25.5 38.3#

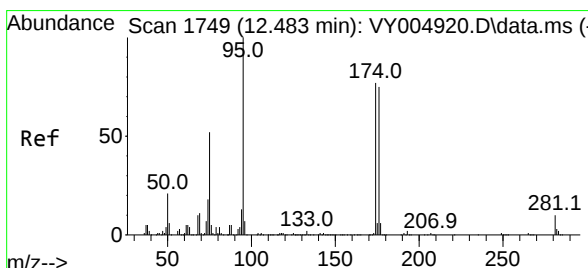
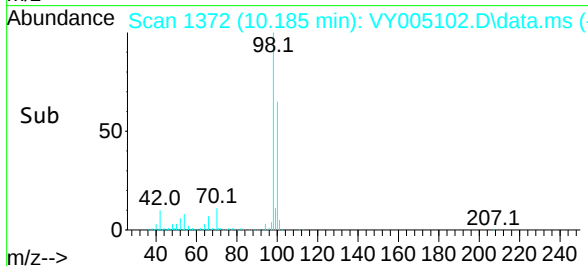
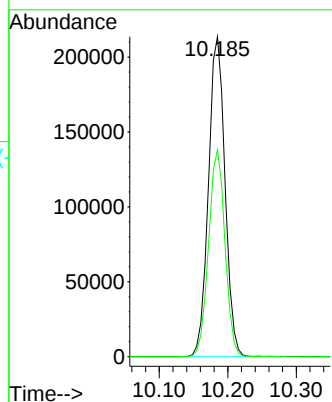
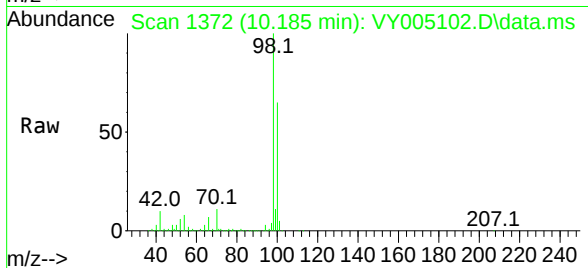




#50
Toluene-d8
Concen: 54.513 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

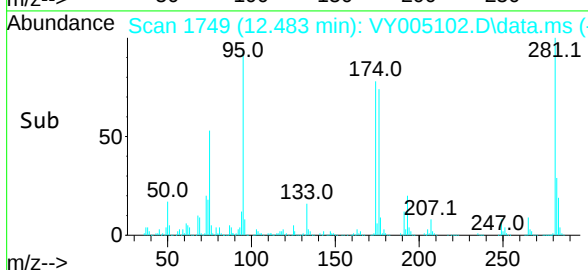
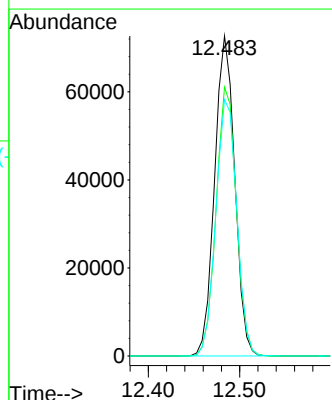
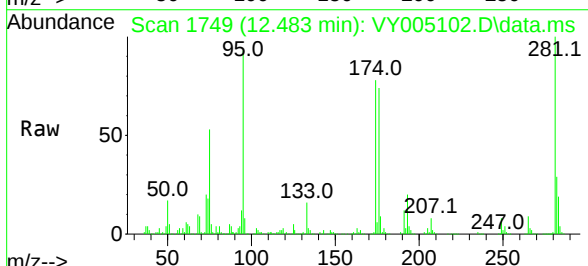
Instrument :
MSVOA_Y
ClientSampled :

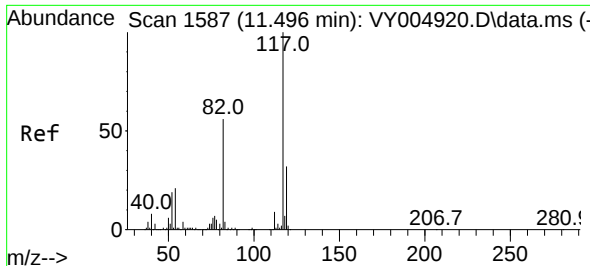
Tgt Ion: 98 Resp: 358976
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.074 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

Tgt Ion: 95 Resp: 111140
Ion Ratio Lower Upper
95 100
174 84.6 0.0 160.8
176 83.5 0.0 155.6

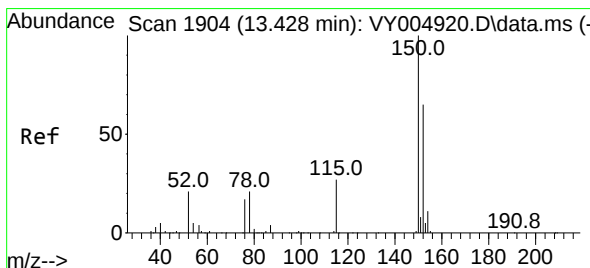
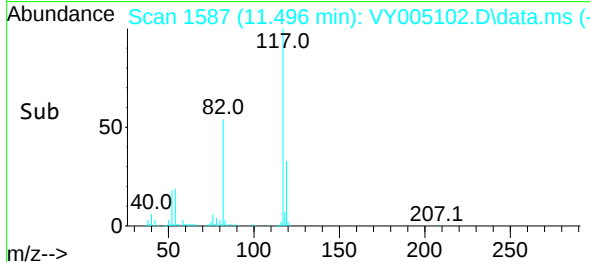
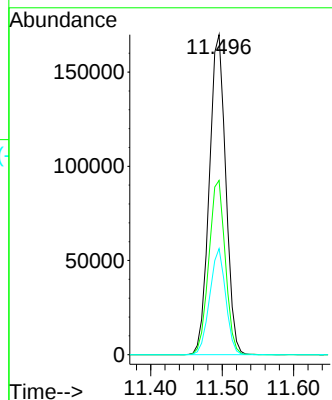
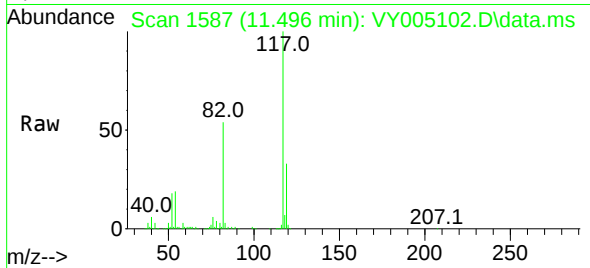




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

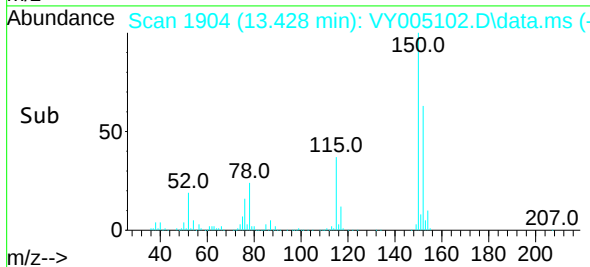
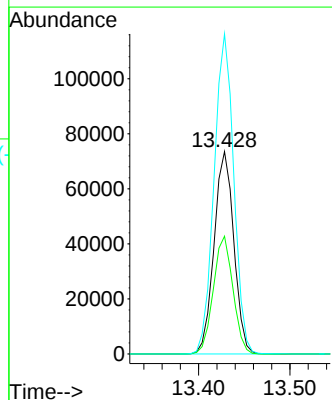
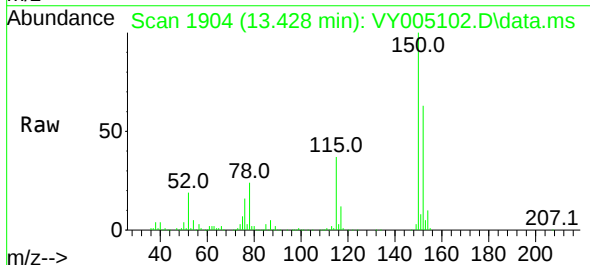
Instrument :
MSVOA_Y
ClientSampleId :

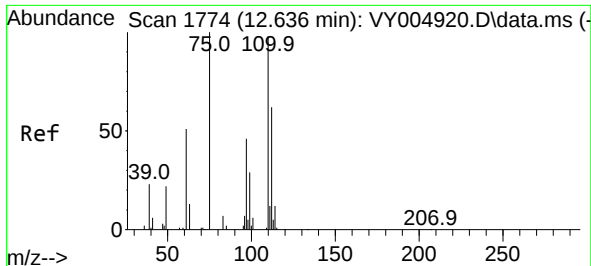
Tgt Ion:117 Resp: 270998
Ion Ratio Lower Upper
117 100
82 54.5 44.8 67.2
119 33.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

Tgt Ion:152 Resp: 110429
Ion Ratio Lower Upper
152 100
115 57.8 29.9 89.7
150 157.9 0.0 347.8

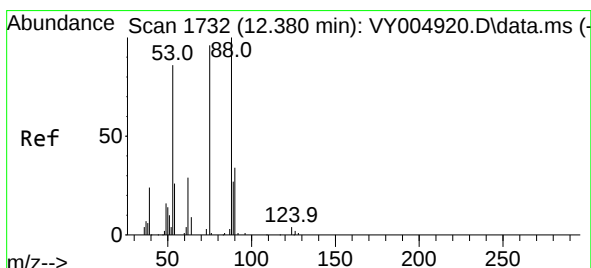
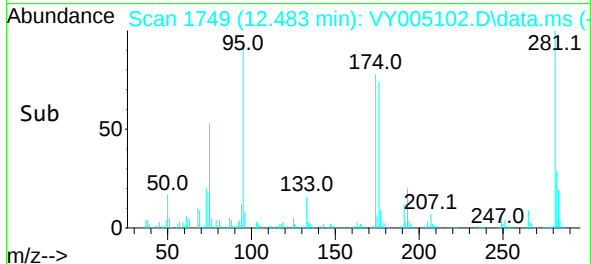
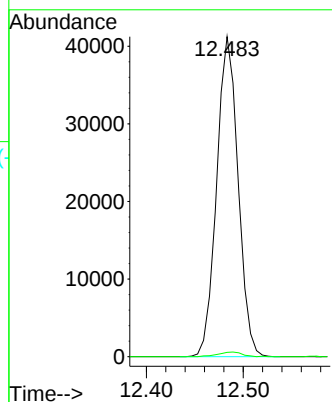
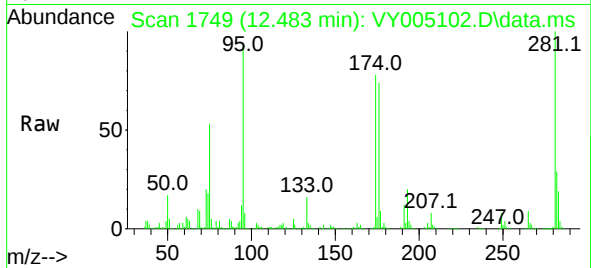




#76
1,2,3-Trichloropropane
Concen: 52.373 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 63398
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.249 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005102.D
Acq: 11 Jun 2021 02:53

Tgt Ion: 75 Resp: 63398
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 2.7 35.0 52.6#

