

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005088.D
 Acq On : 10 Jun 2021 19:34
 Operator : SY/MD
 Sample : M2673-01
 Misc : 6.39G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:08:28 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)

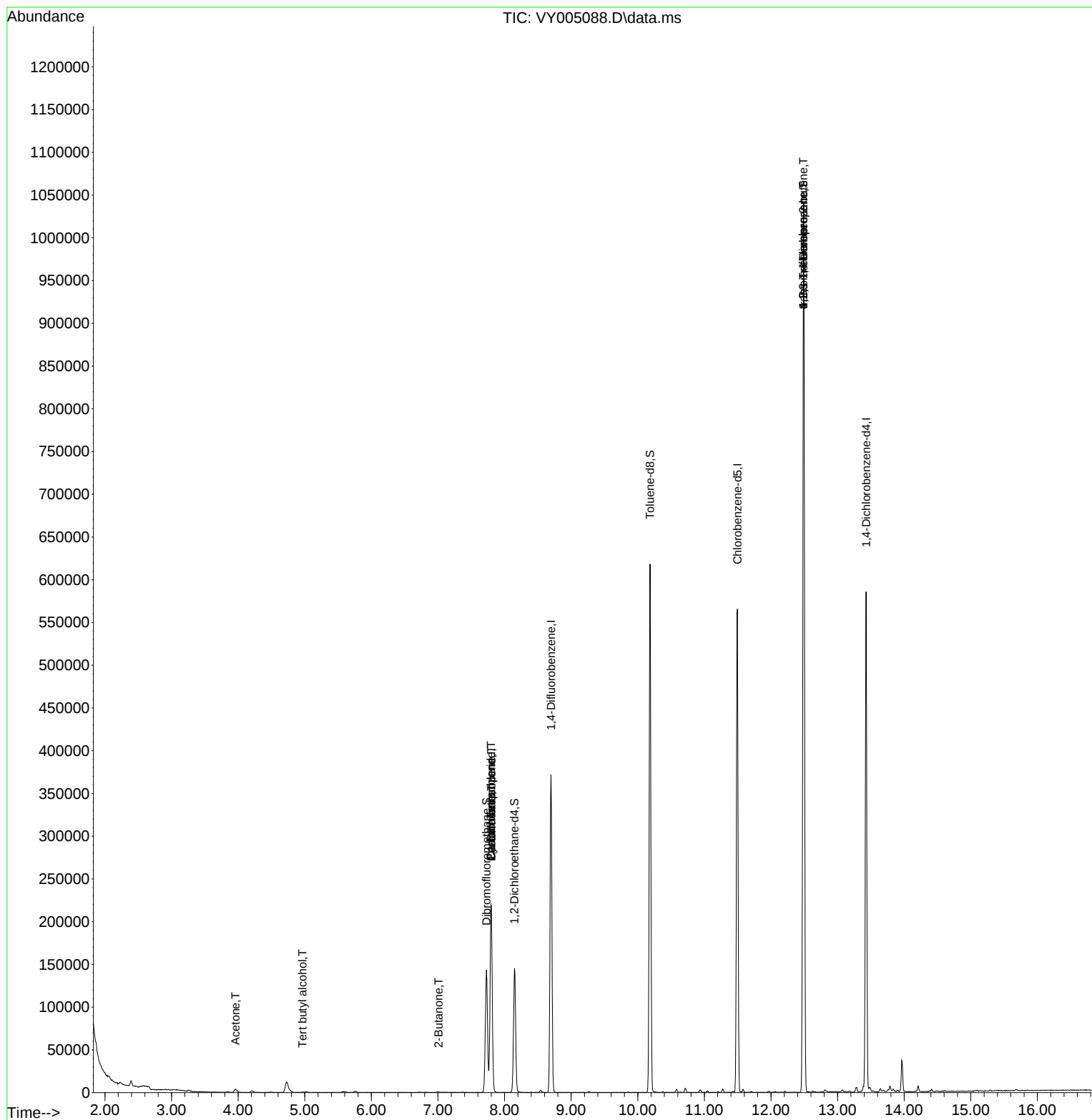
Internal Standards						
1) Pentafluorobenzene	7.801	168	171212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	320234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	313885	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111990	61.872	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.740%			
35) Dibromofluoromethane	7.728	113	99181	57.566	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 115.140%			
50) Toluene-d8	10.185	98	394665	55.156	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 110.320%			
62) 4-Bromofluorobenzene	12.483	95	137609	55.919	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 111.840%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	871	4.184	ug/l #	74
13) Acrolein	3.735	56	22	Below Cal	#	35
16) Acetone	3.960	43	6528	14.982	ug/l	92
20) Methylene Chloride	4.729	84	9109	Below Cal		86
25) 2-Butanone	7.009	43	1184	1.616	ug/l	93
31) Cyclohexane	7.801	56	3766	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	13947	4.450	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17117	6.276	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	76428	48.562	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76428	89.246	ug/l #	17

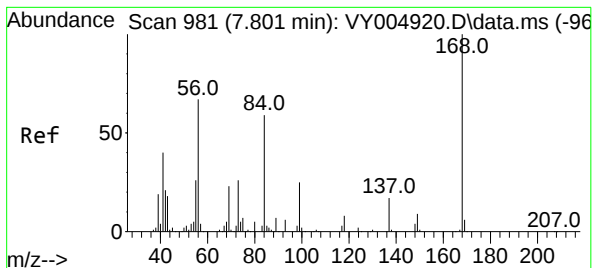
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY005088.D

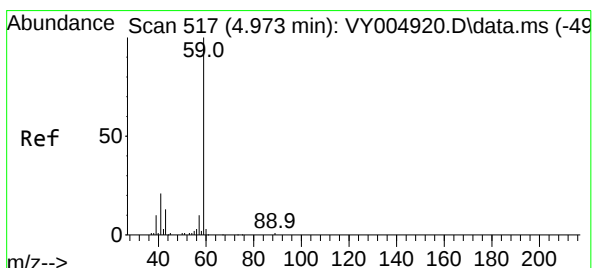
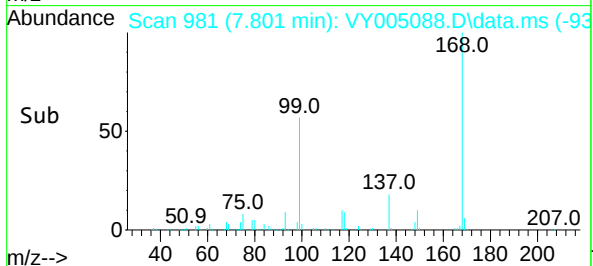
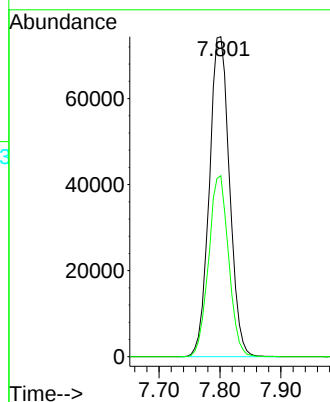
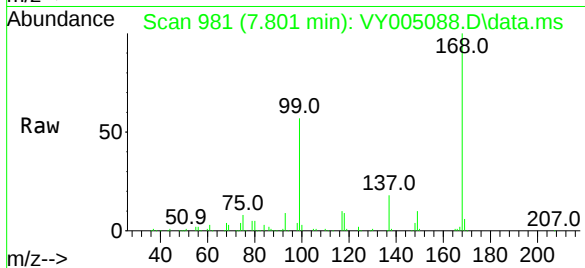
Acq: 10 Jun 2021 19:34

Tgt Ion:168 Resp: 171212

Ion Ratio Lower Upper

168 100

99 56.6 43.9 65.9



#11

Tert butyl alcohol

Concen: 4.184 ug/l

RT: 4.966 min Scan# 516

Delta R.T. -0.007 min

Lab File: VY005088.D

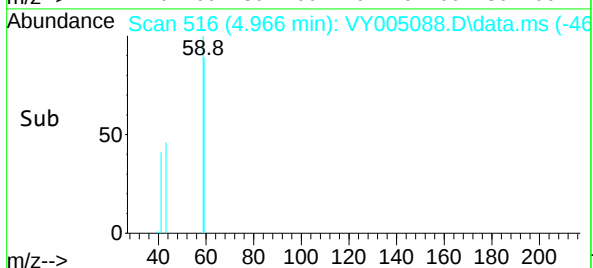
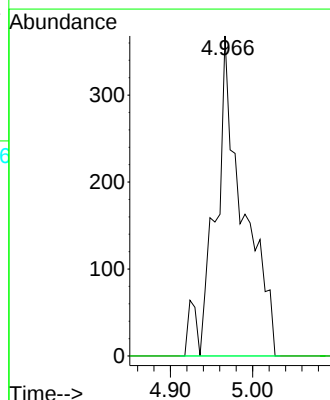
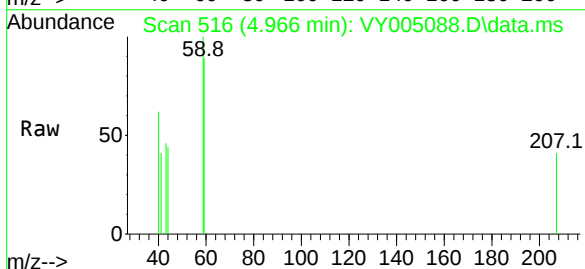
Acq: 10 Jun 2021 19:34

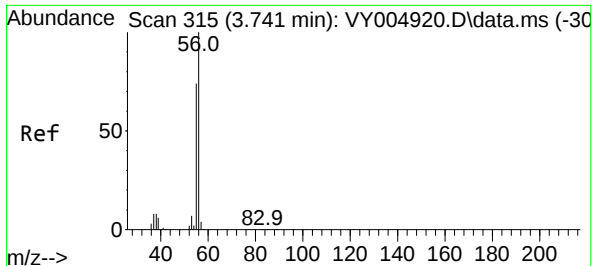
Tgt Ion: 59 Resp: 871

Ion Ratio Lower Upper

59 100

57 0.0 7.7 11.5#

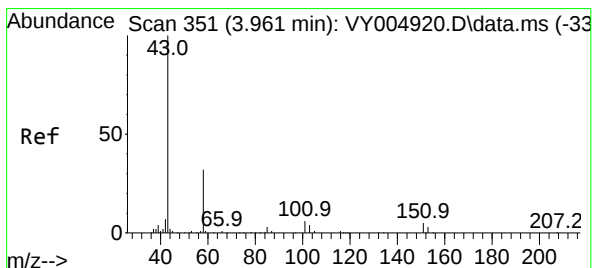
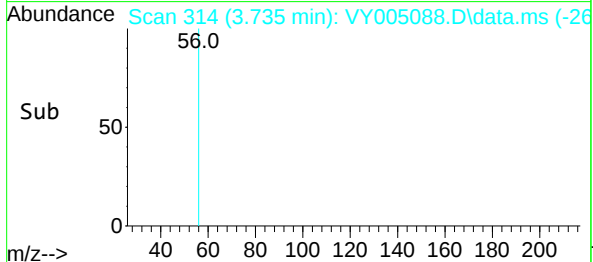
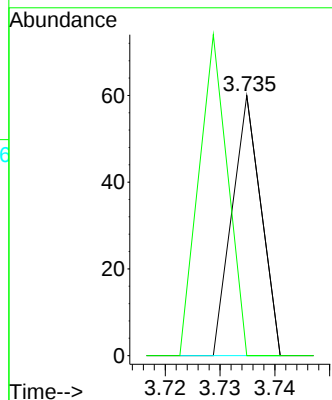
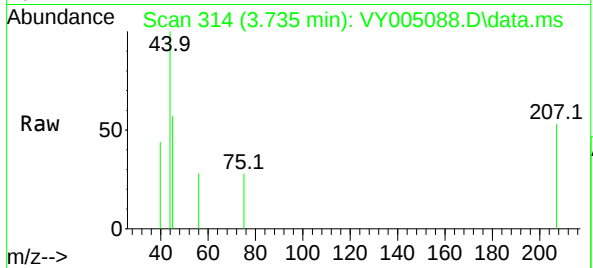




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

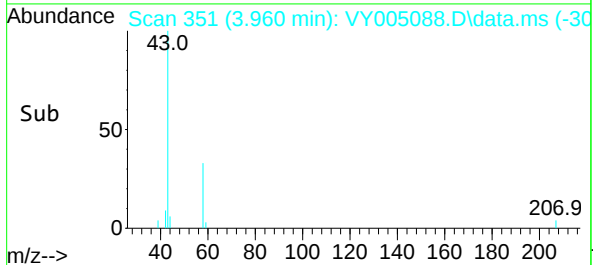
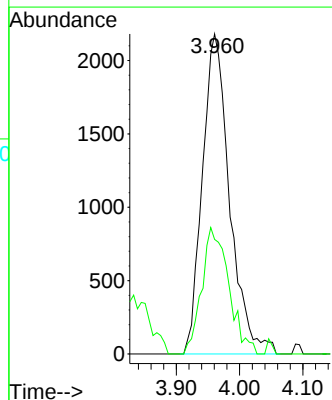
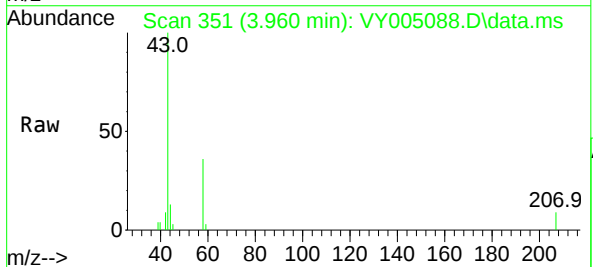
Instrument :
MSVOA_Y
ClientSampled :

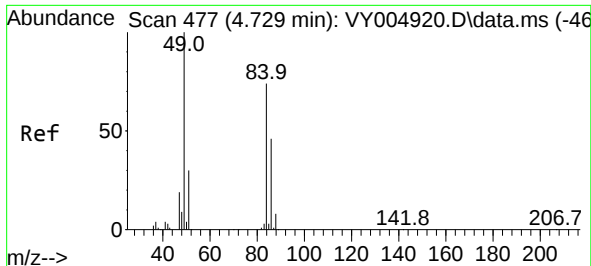
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 122.7 55.4 83.2#



#16
Acetone
Concen: 14.982 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

Tgt Ion: 43 Resp: 6528
Ion Ratio Lower Upper
43 100
58 35.8 25.3 37.9





#20

Methylene Chloride

Concen: Below Cal

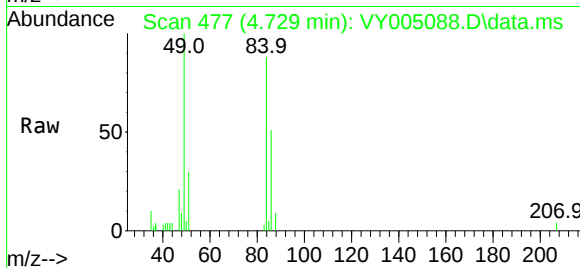
RT: 4.729 min Scan# 477

Delta R.T. -0.000 min

Lab File: VY005088.D

Acq: 10 Jun 2021 19:34

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 9109

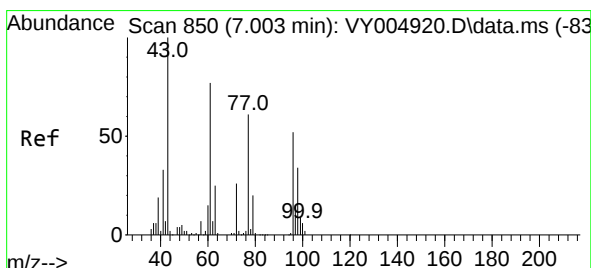
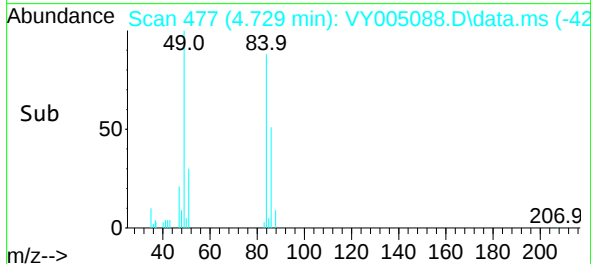
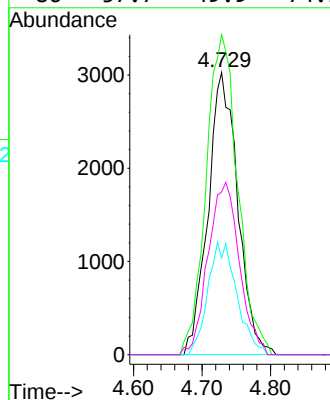
Ion Ratio Lower Upper

84 100

49 113.4 108.0 162.0

51 34.3 32.6 48.8

86 57.7 49.9 74.9



#25

2-Butanone

Concen: 1.616 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY005088.D

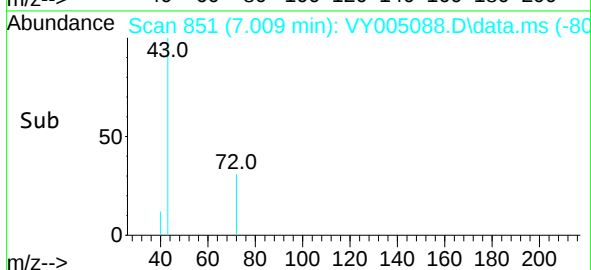
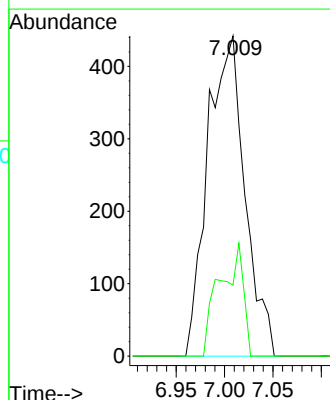
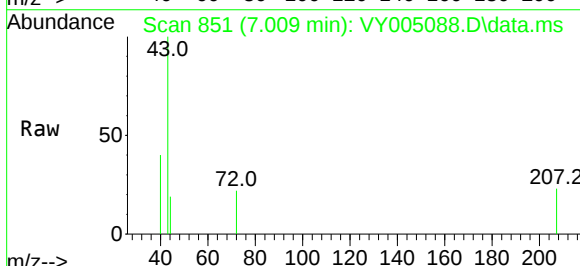
Acq: 10 Jun 2021 19:34

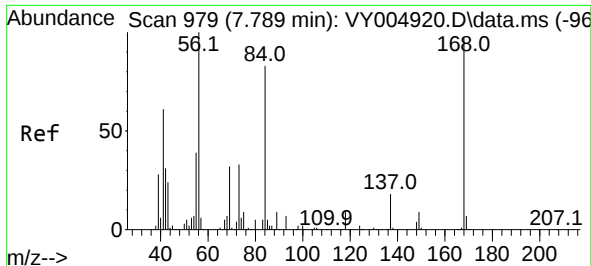
Tgt Ion: 43 Resp: 1184

Ion Ratio Lower Upper

43 100

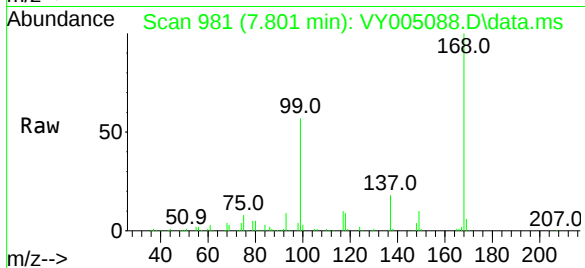
72 22.2 20.6 31.0



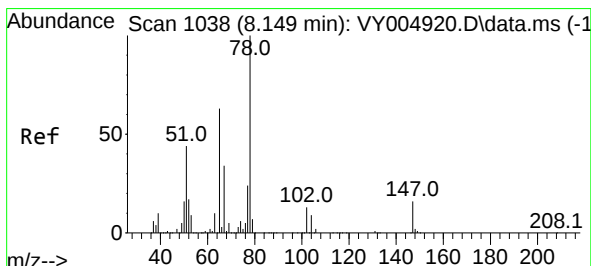
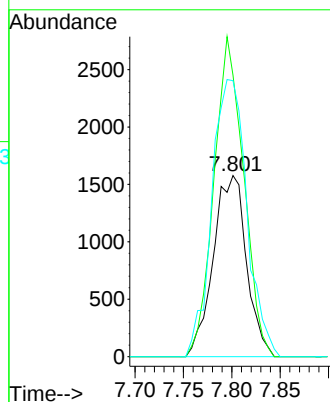
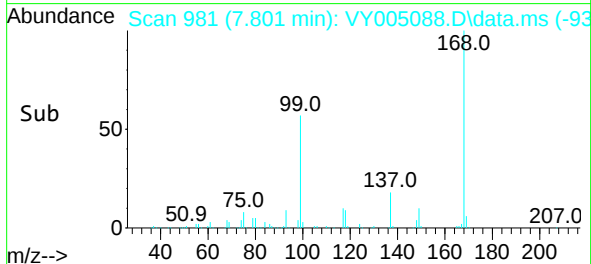


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

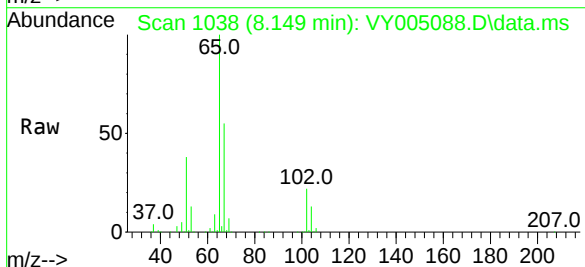
Instrument :
MSVOA_Y
ClientSampleId :



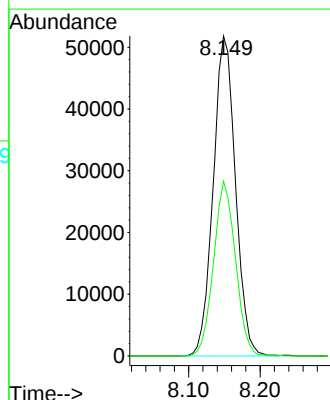
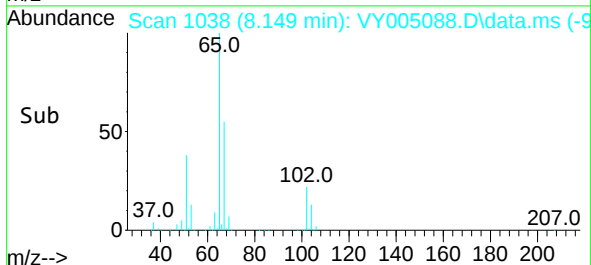
Tgt Ion: 56 Resp: 3766
Ion Ratio Lower Upper
56 100
69 155.3 25.3 37.9#
84 152.3 66.2 99.4#

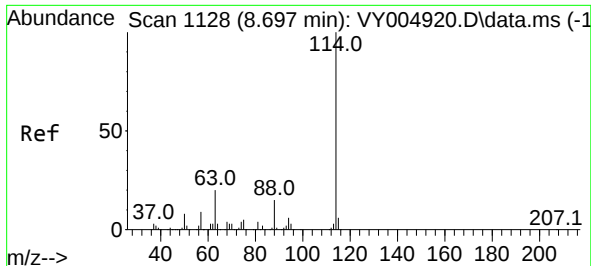


#33
1,2-Dichloroethane-d4
Concen: 61.872 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34



Tgt Ion: 65 Resp: 111990
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.6



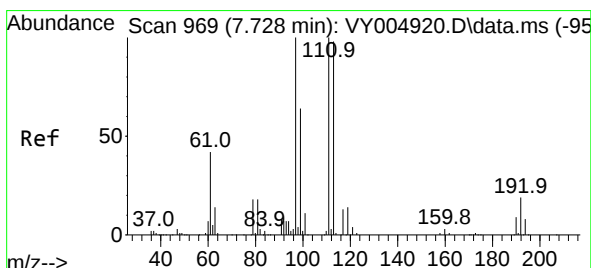
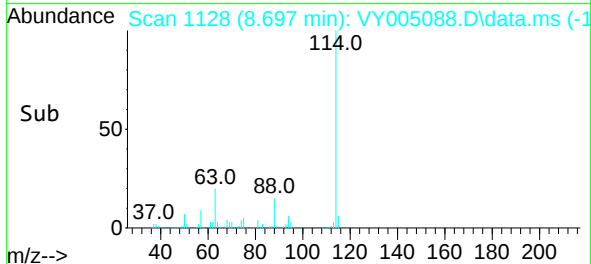
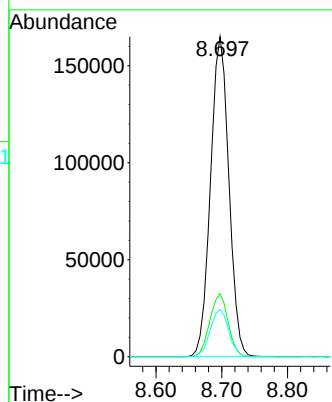
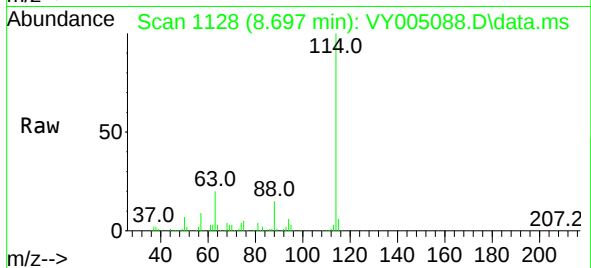


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

Instrument :
MSVOA_Y
ClientSampled :

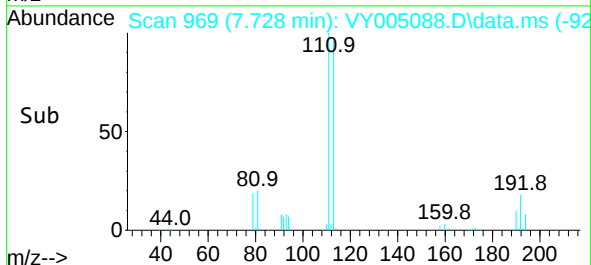
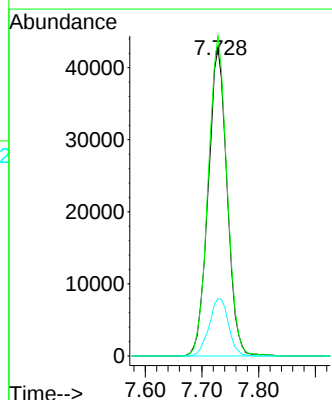
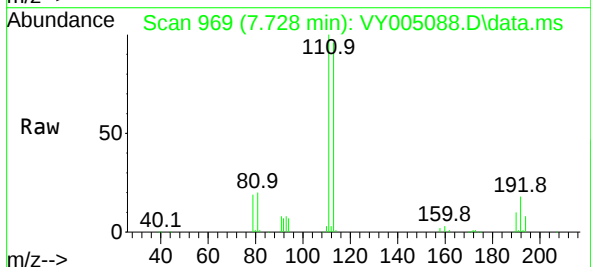
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.0
88	14.7	0.0	30.6

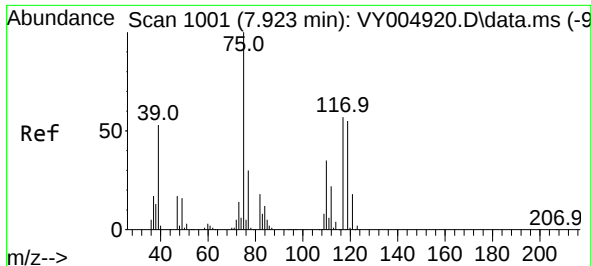


#35

Dibromofluoromethane
Concen: 57.566 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

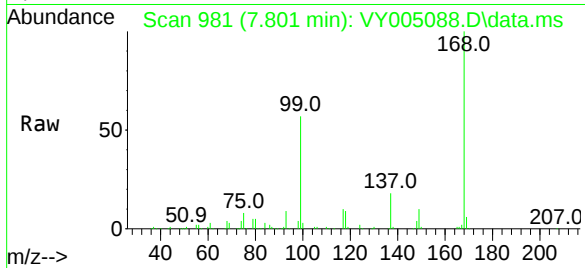
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	19.0	15.3	22.9



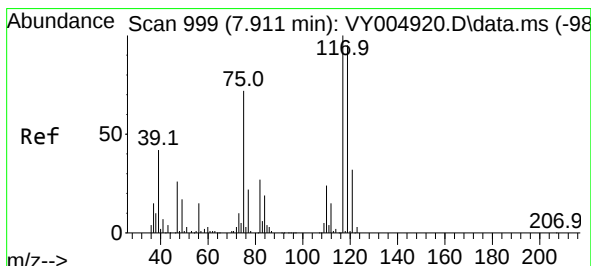
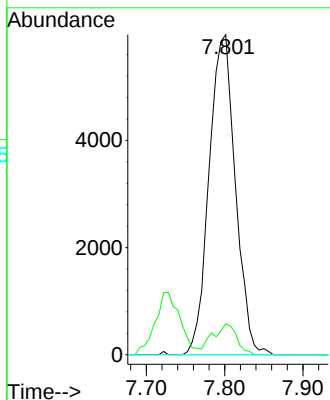
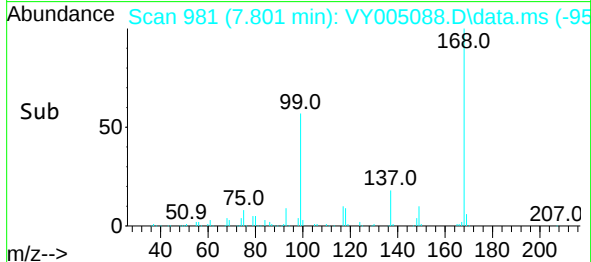


#36
1,1-Dichloropropene
Concen: 4.450 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

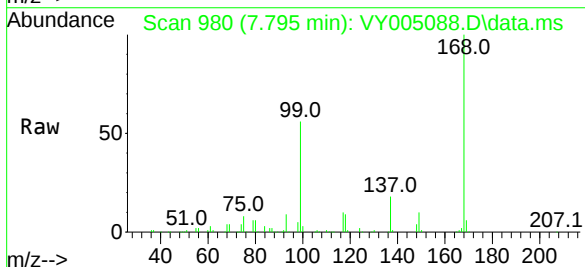
Instrument :
MSVOA_Y
ClientSampleId :



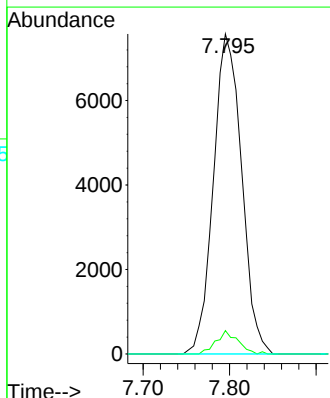
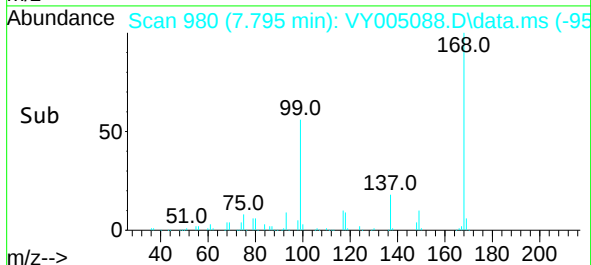
Tgt Ion: 75 Resp: 13947
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 25.1 37.7#

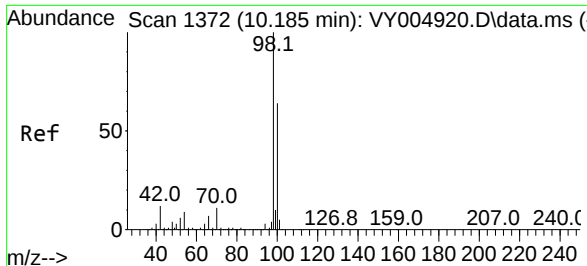


#38
Carbon Tetrachloride
Concen: 6.276 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34



Tgt Ion: 117 Resp: 17117
Ion Ratio Lower Upper
117 100
119 7.3 76.1 114.1#
121 0.0 25.5 38.3#

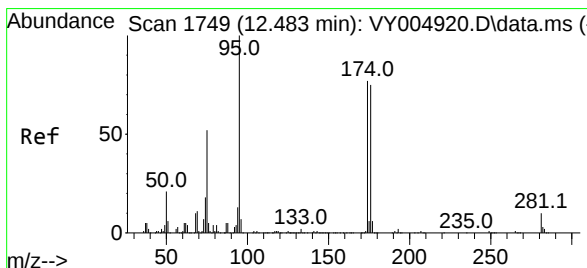
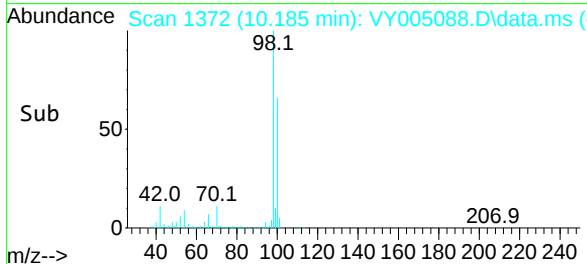
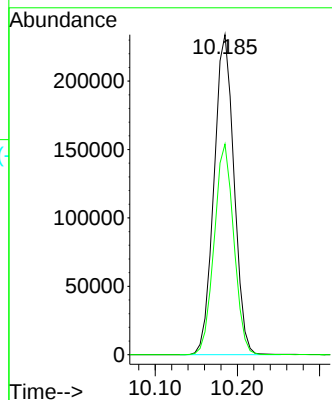
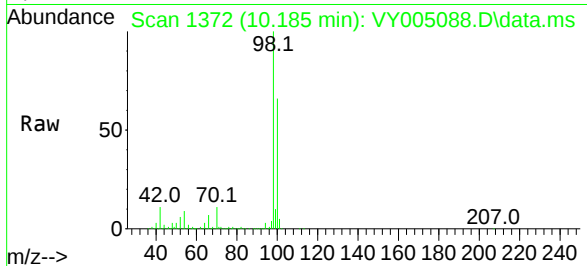




#50
Toluene-d8
Concen: 55.156 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

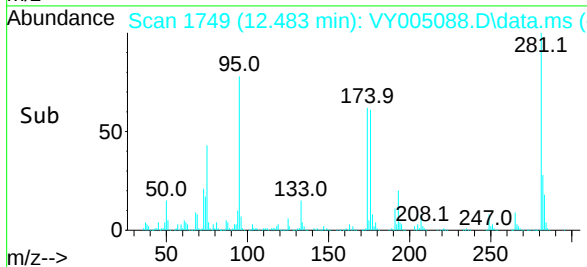
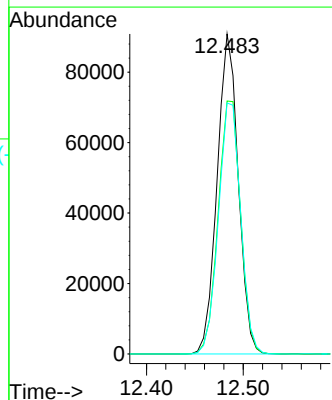
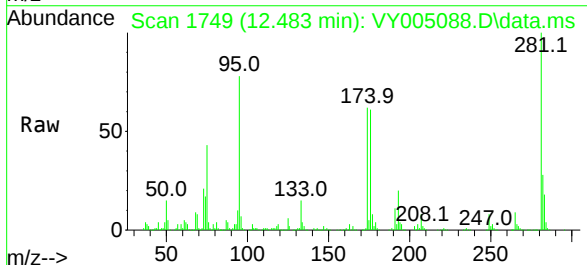
Instrument :
MSVOA_Y
ClientSampleId :

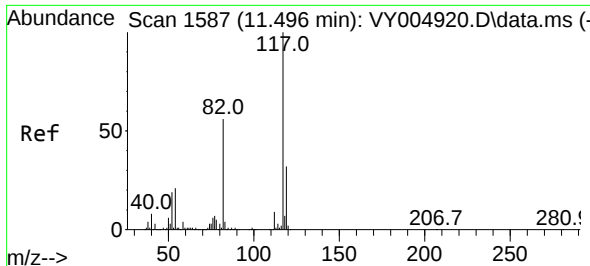
Tgt Ion: 98 Resp: 394665
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.919 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

Tgt Ion: 95 Resp: 137609
Ion Ratio Lower Upper
95 100
174 83.7 0.0 160.8
176 82.7 0.0 155.6

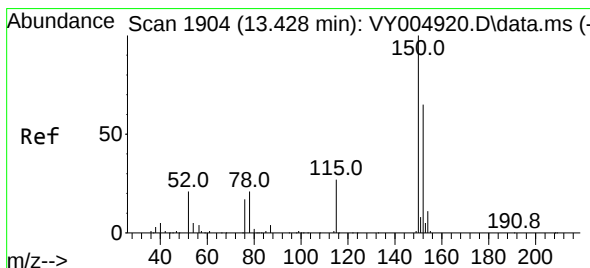
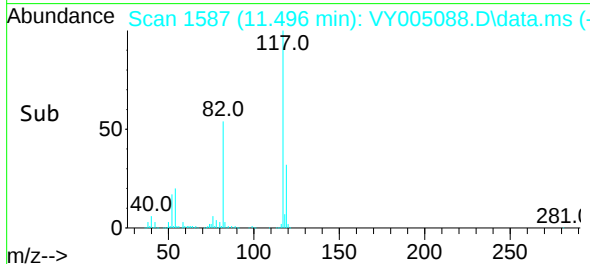
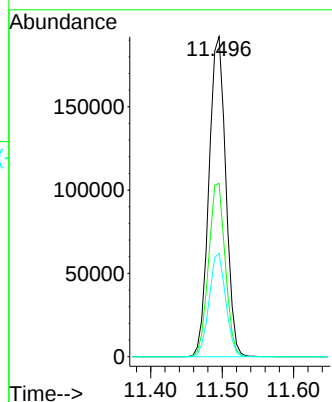
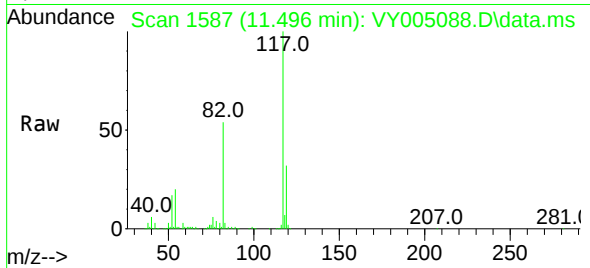




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

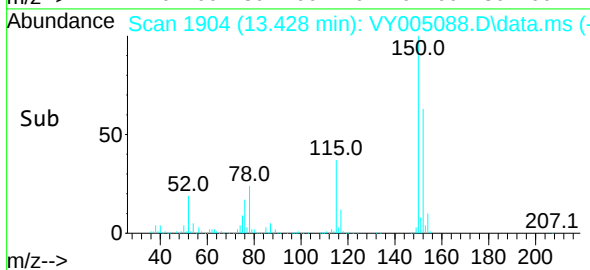
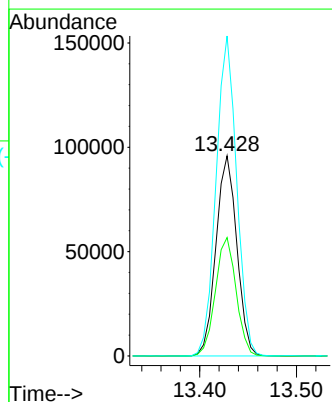
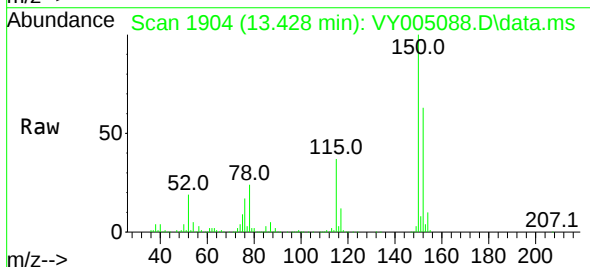
Instrument :
MSVOA_Y
ClientSampleId :

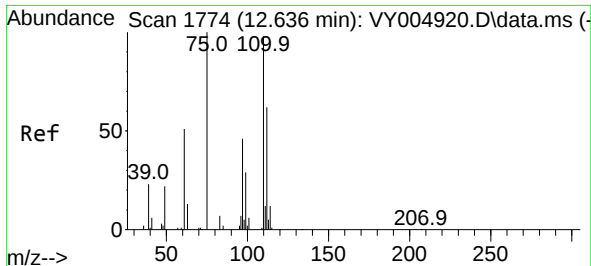
Tgt Ion:117 Resp: 313885
Ion Ratio Lower Upper
117 100
82 54.2 44.8 67.2
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

Tgt Ion:152 Resp: 143572
Ion Ratio Lower Upper
152 100
115 58.8 29.9 89.7
150 157.7 0.0 347.8

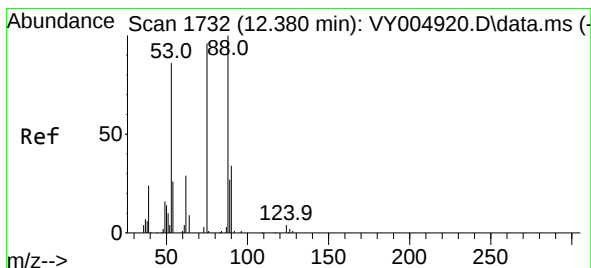
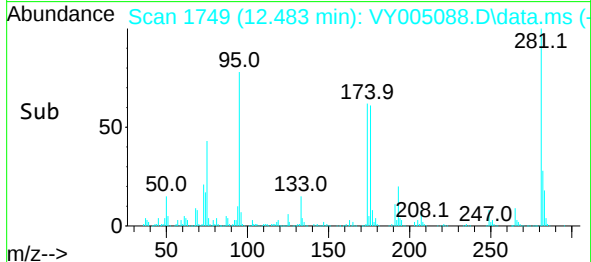
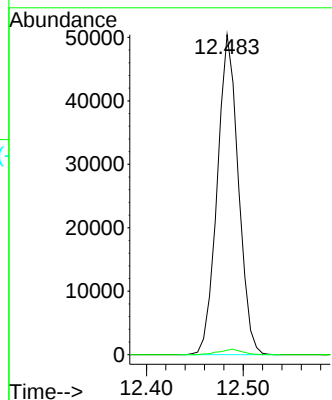
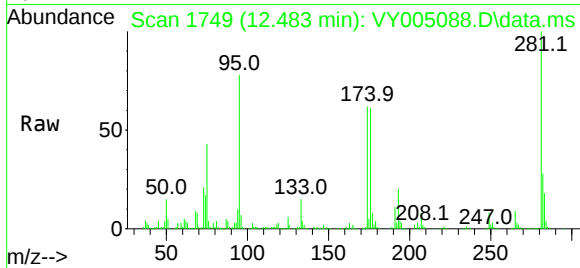




#76
1,2,3-Trichloropropane
Concen: 48.562 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 76428
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.246 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005088.D
Acq: 10 Jun 2021 19:34

Tgt Ion: 75 Resp: 76428
Ion Ratio Lower Upper
75 100
53 0.1 69.3 103.9#
89 3.3 35.0 52.6#

