

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092921\
 Data File : VY006220.D
 Acq On : 29 Sep 2021 18:01
 Operator : SY/MD
 Sample : M3966-03
 Misc : 6.17G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 30 07:34:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

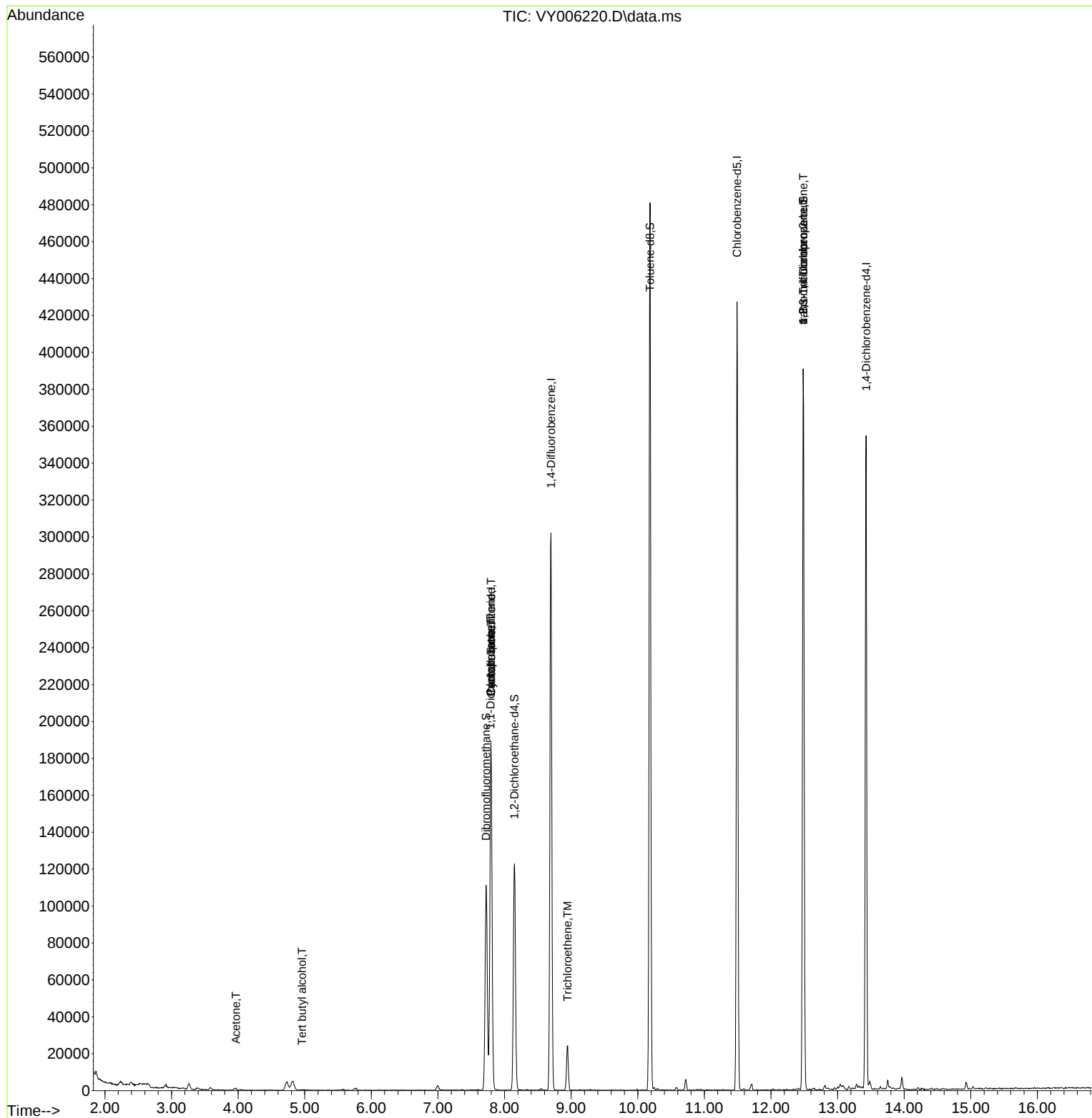
Internal Standards						
1) Pentafluorobenzene	7.795	168	146963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	244152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	218454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	102509	65.171	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.340%			
35) Dibromofluoromethane	7.722	113	73009	55.971	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.940%			
50) Toluene-d8	10.185	98	303809	55.651	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.300%			
62) 4-Bromofluorobenzene	12.483	95	89270	48.135	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.280%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.960	59	936	6.803	ug/l #	77
16) Acetone	3.967	43	1921	4.373	ug/l	94
20) Methylene Chloride	4.735	84	3183	Below Cal	#	80
31) Cyclohexane	7.795	56	3398	1.140	ug/l #	13
36) 1,1-Dichloropropene	7.789	75	10945	4.506	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14215	5.542	ug/l #	16
44) Trichloroethene	8.947	130	8196	4.605	ug/l	87
76) 1,2,3-Trichloropropane	12.483	75	50300	59.829	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50300	117.573	ug/l #	8

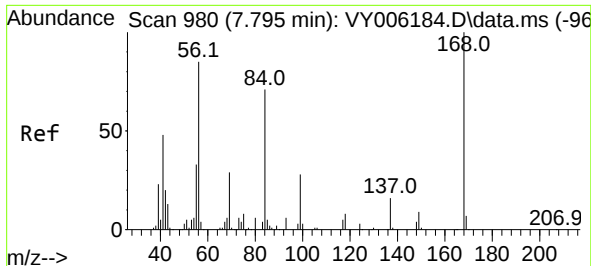
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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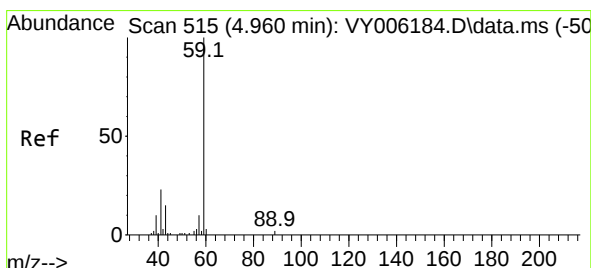
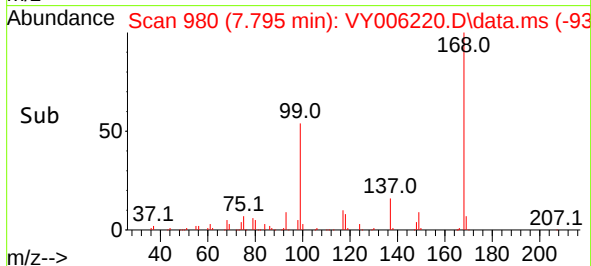
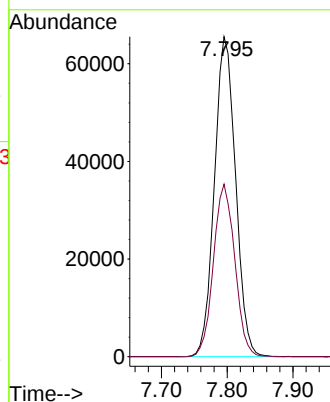
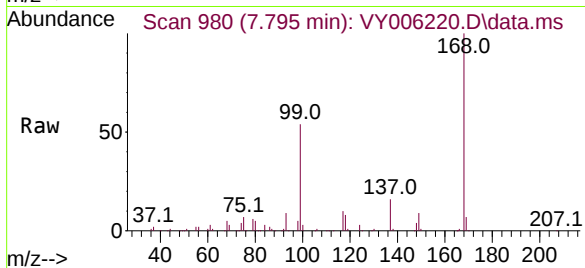




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006220.D
Acq: 29 Sep 2021 18:01

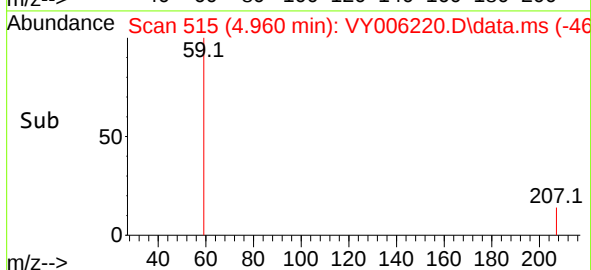
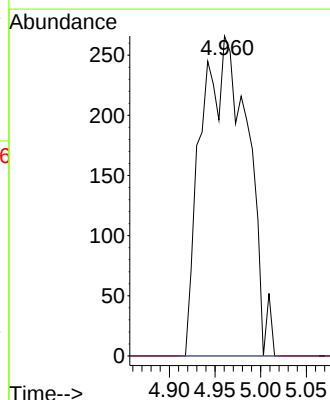
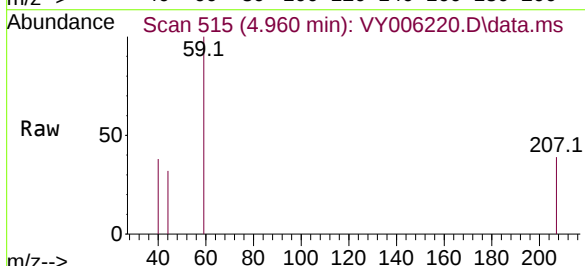
Instrument :
MSVOA_Y
ClientSampled :

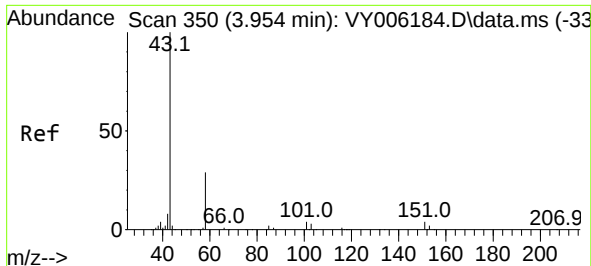
Tgt Ion:168 Resp: 146963
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 6.803 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006220.D
Acq: 29 Sep 2021 18:01

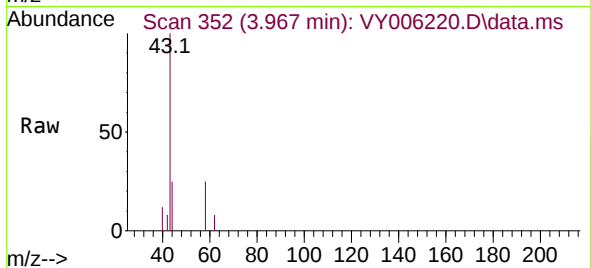
Tgt Ion: 59 Resp: 936
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



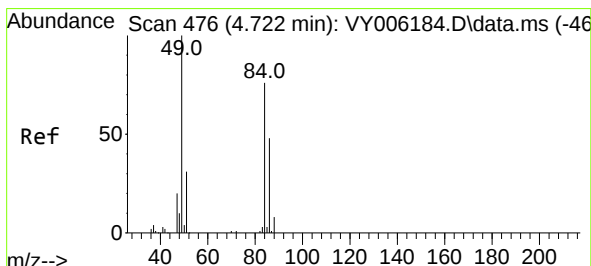
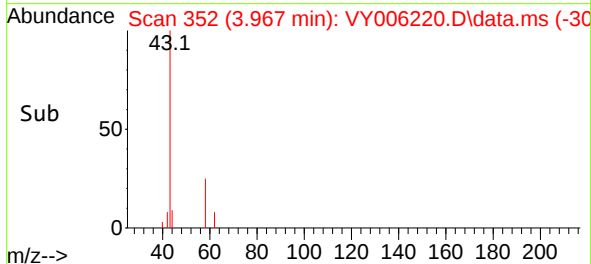
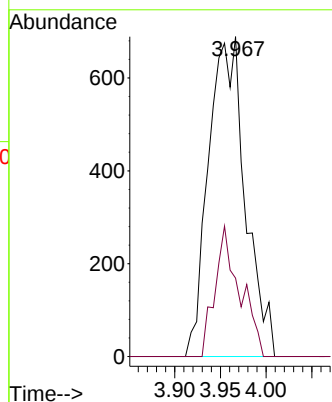


#16
Acetone
Concen: 4.373 ug/l
RT: 3.967 min Scan# 352
Delta R.T. 0.013 min
Lab File: VY006220.D
Acq: 29 Sep 2021 18:01

Instrument :
MSVOA_Y
ClientSampled :

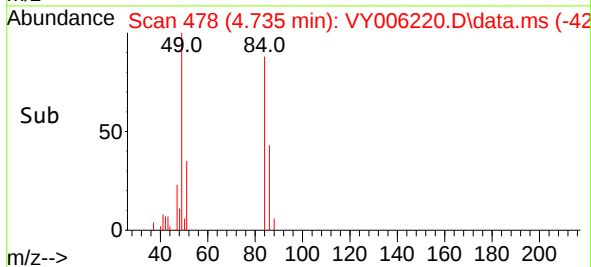
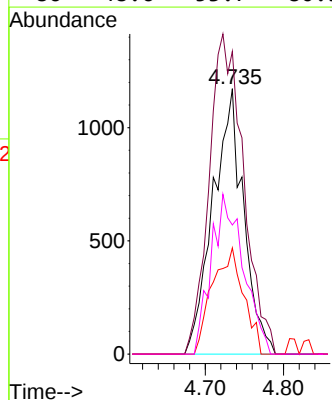
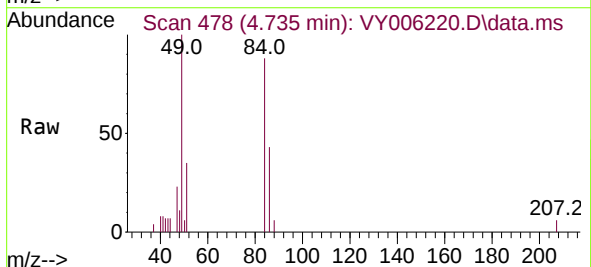


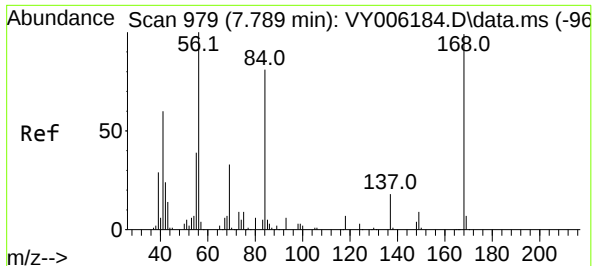
Tgt Ion: 43 Resp: 1921
Ion Ratio Lower Upper
43 100
58 24.5 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY006220.D
Acq: 29 Sep 2021 18:01

Tgt Ion: 84 Resp: 3183
Ion Ratio Lower Upper
84 100
49 114.1 114.4 171.6#
51 40.0 35.3 52.9
86 48.6 53.7 80.5#

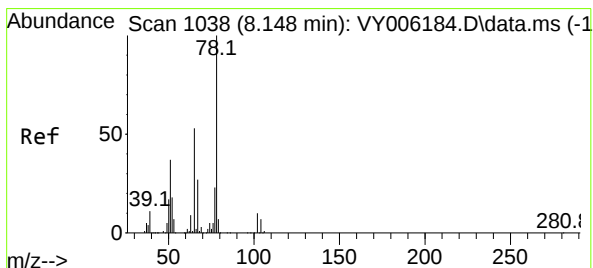
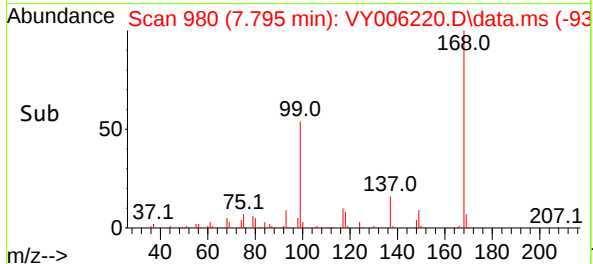
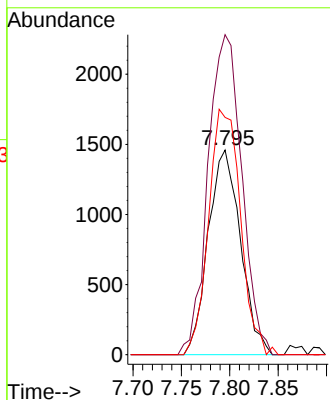
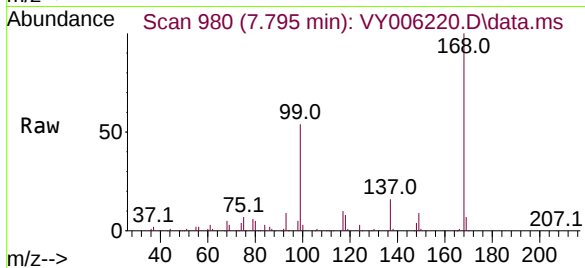




#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006220.D
Acq: 29 Sep 2021 18:01

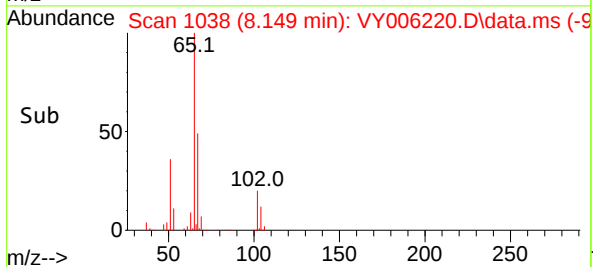
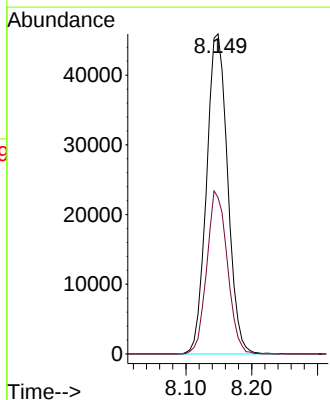
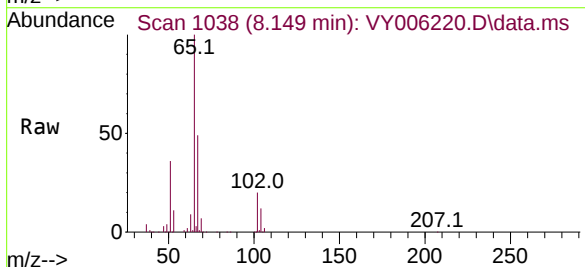
Instrument :
MSVOA_Y
ClientSampleId :

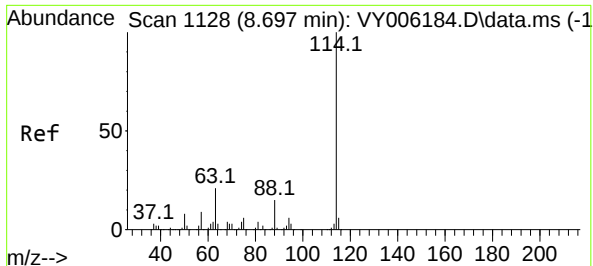
Tgt Ion: 56 Resp: 3398
Ion Ratio Lower Upper
56 100
69 156.4 26.7 40.1#
84 116.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 65.171 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006220.D
Acq: 29 Sep 2021 18:01

Tgt Ion: 65 Resp: 102509
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006220.D

Acq: 29 Sep 2021 18:01

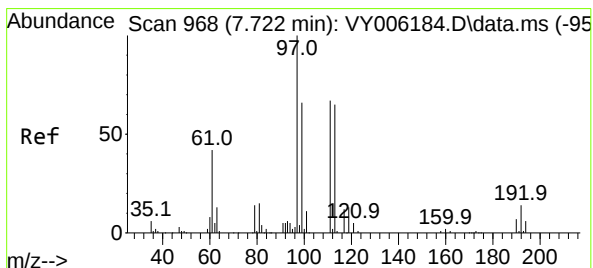
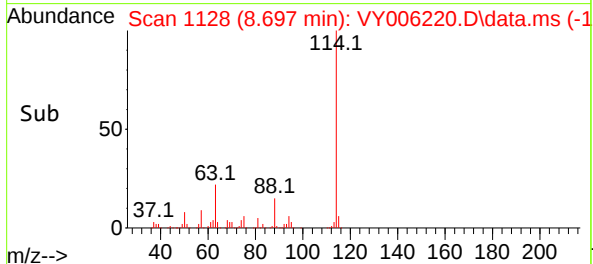
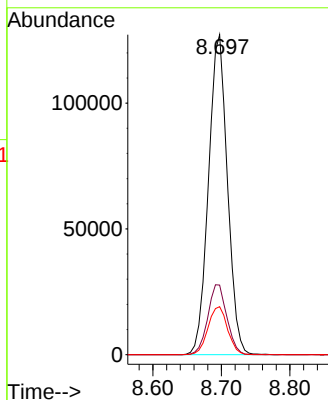
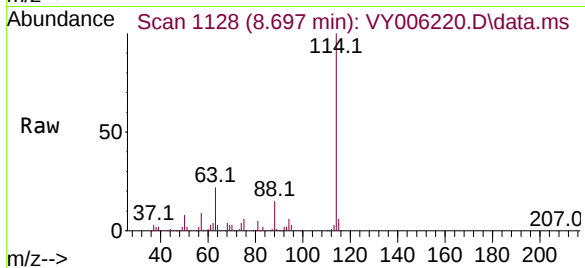
Tgt Ion:114 Resp: 244152

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.971 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006220.D

Acq: 29 Sep 2021 18:01

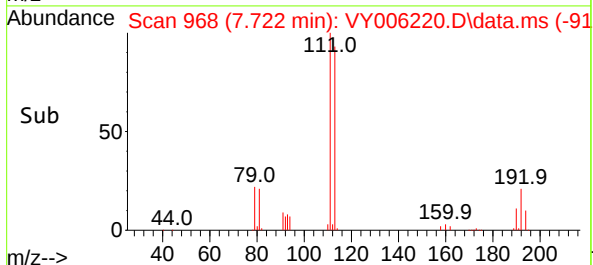
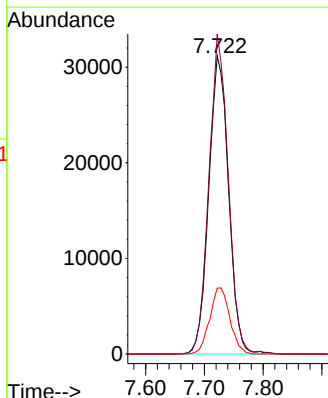
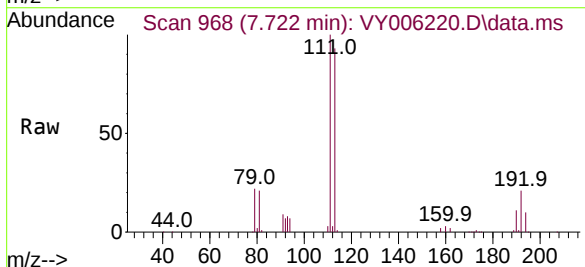
Tgt Ion:113 Resp: 73009

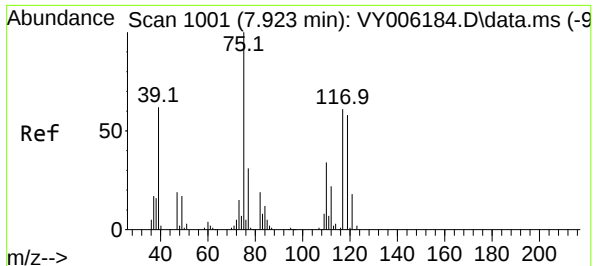
Ion Ratio Lower Upper

113 100

111 104.6 82.6 124.0

192 22.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.506 ug/l

RT: 7.789 min Scan# 979

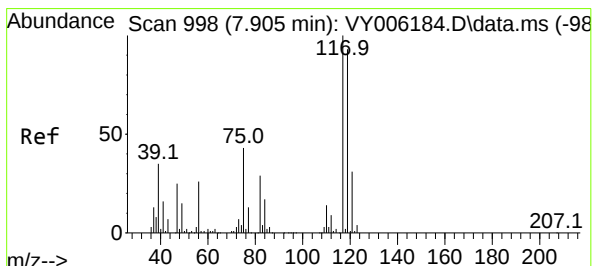
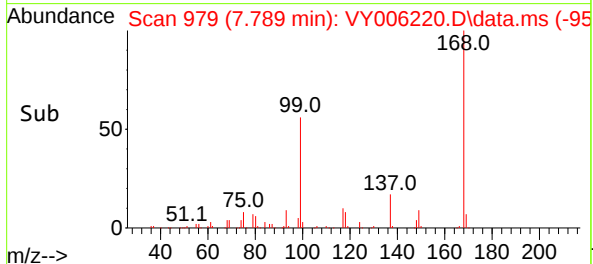
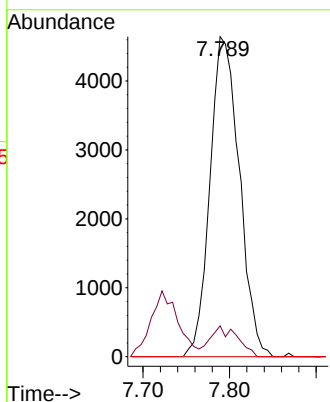
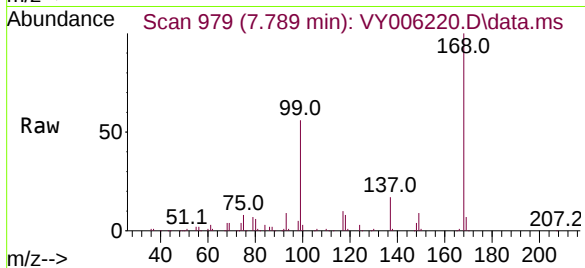
Delta R.T. -0.134 min

Lab File: VY006220.D

Acq: 29 Sep 2021 18:01

Tgt Ion:	75	Resp:	10945
Ion	Ratio	Lower	Upper
75	100		
110	8.9	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.542 ug/l

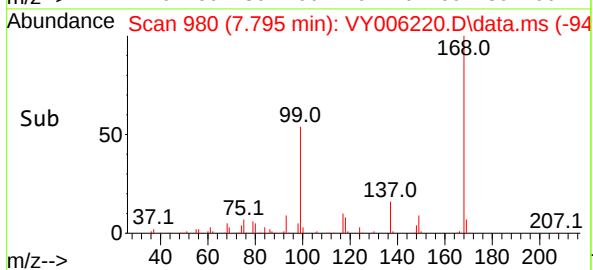
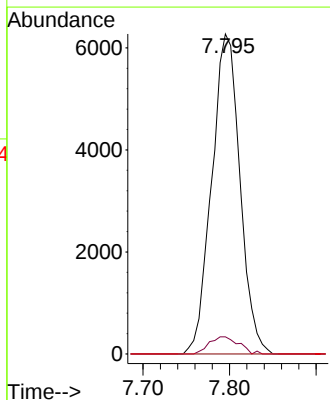
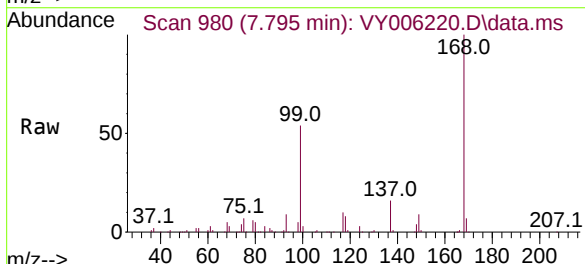
RT: 7.795 min Scan# 980

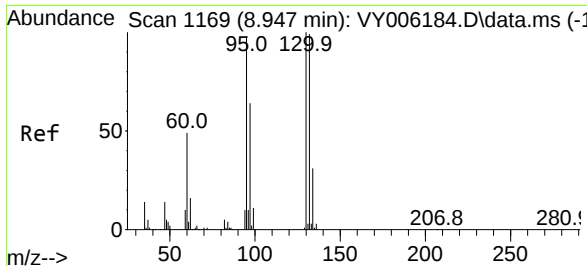
Delta R.T. -0.109 min

Lab File: VY006220.D

Acq: 29 Sep 2021 18:01

Tgt Ion:	117	Resp:	14215
Ion	Ratio	Lower	Upper
117	100		
119	5.4	77.9	116.9#
121	0.0	24.8	37.2#

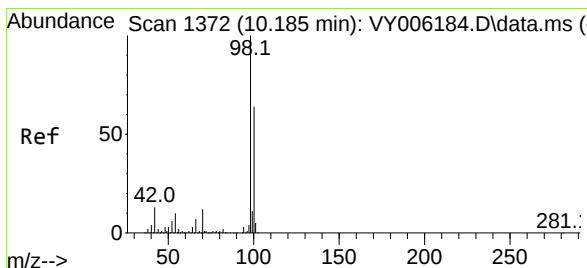
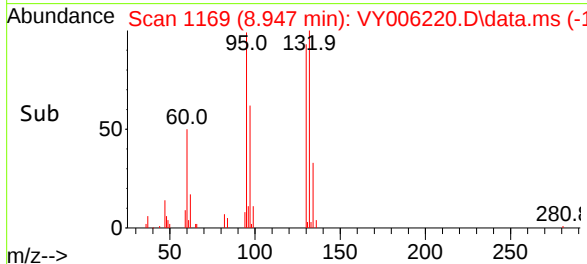
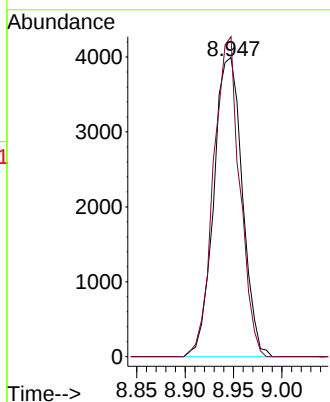
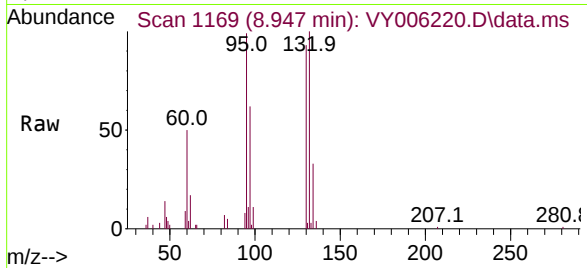




#44
 Trichloroethene
 Concen: 4.605 ug/l
 RT: 8.947 min Scan# 1169
 Delta R.T. 0.000 min
 Lab File: VY006220.D
 Acq: 29 Sep 2021 18:01

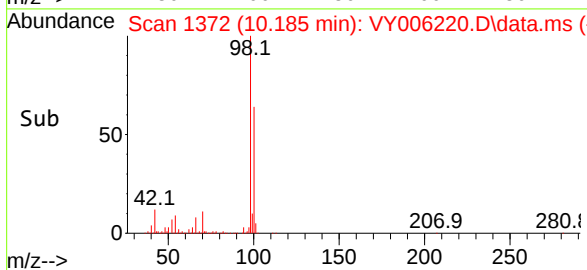
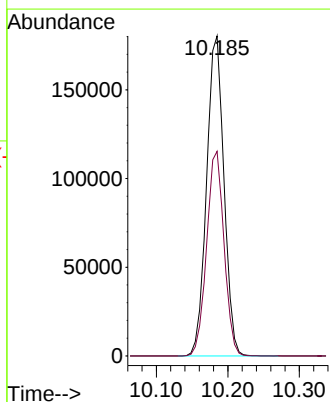
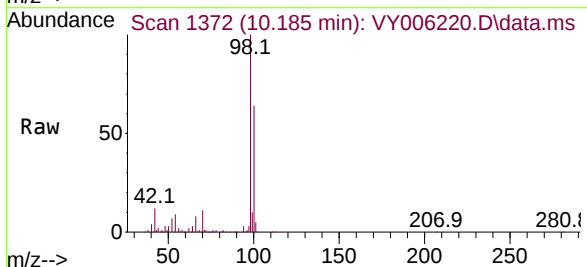
Instrument :
 MSVOA_Y
 ClientSampled :

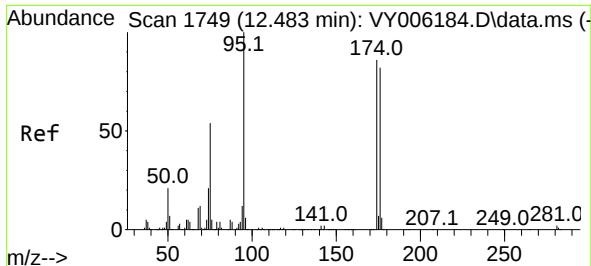
Tgt Ion:130 Resp: 8196
 Ion Ratio Lower Upper
 130 100
 95 106.9 0.0 188.2



#50
 Toluene-d8
 Concen: 55.651 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.000 min
 Lab File: VY006220.D
 Acq: 29 Sep 2021 18:01

Tgt Ion: 98 Resp: 303809
 Ion Ratio Lower Upper
 98 100
 100 64.1 50.2 75.2

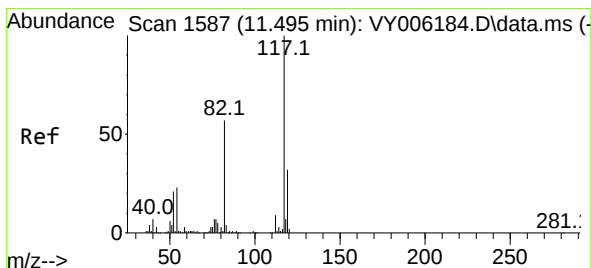
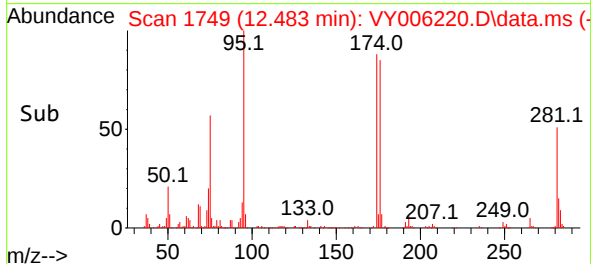
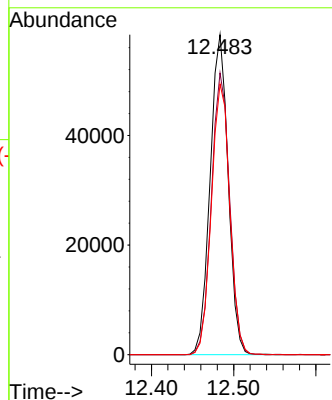
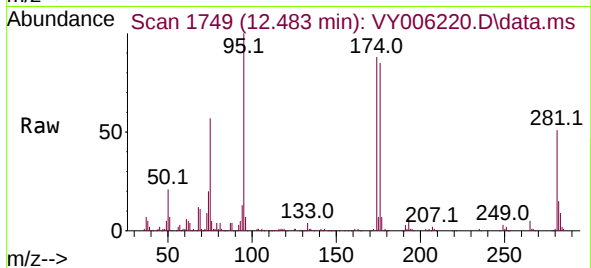




#62
4-Bromofluorobenzene
Concen: 48.135 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006220.D
Acq: 29 Sep 2021 18:01

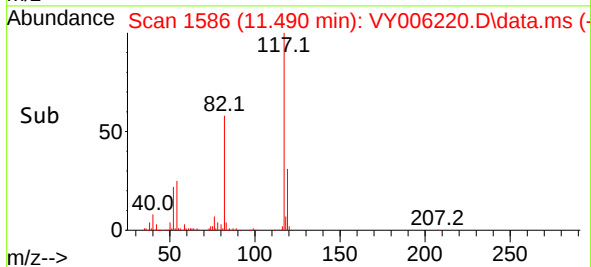
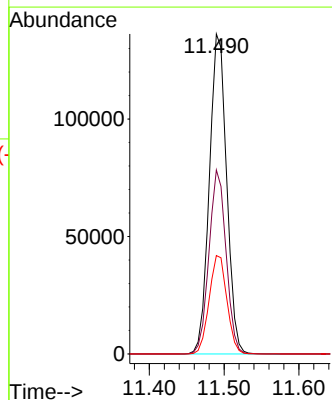
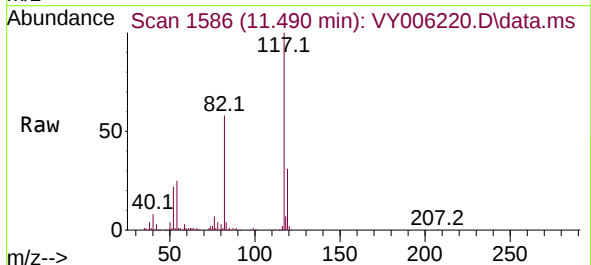
Instrument :
MSVOA_Y
ClientSampleId :

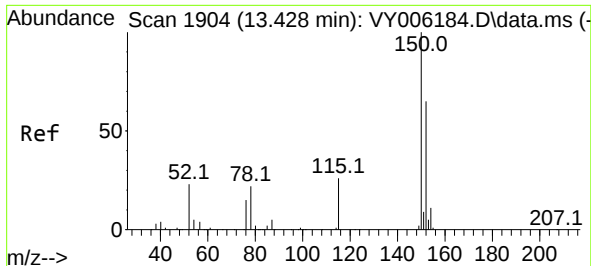
Tgt Ion: 95 Resp: 89270
Ion Ratio Lower Upper
95 100
174 89.1 0.0 177.0
176 86.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006220.D
Acq: 29 Sep 2021 18:01

Tgt Ion: 117 Resp: 218454
Ion Ratio Lower Upper
117 100
82 57.5 43.0 64.4
119 30.8 25.4 38.0

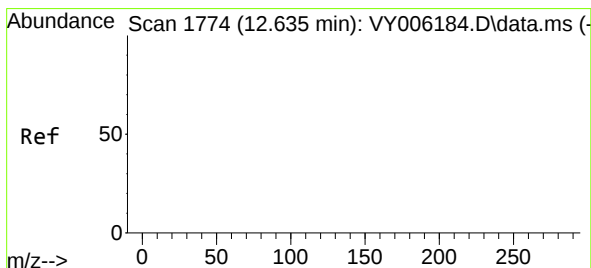
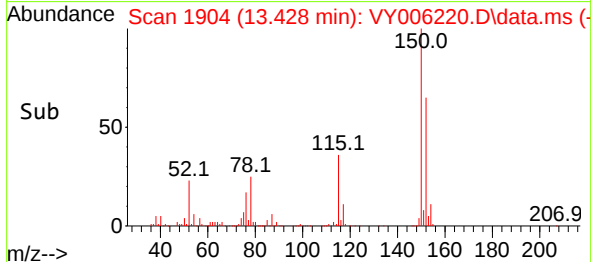
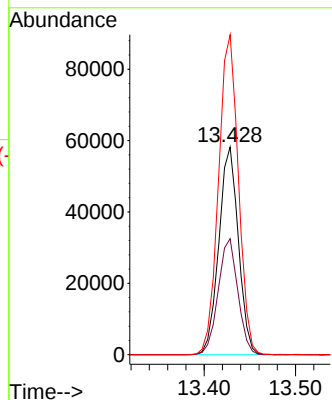
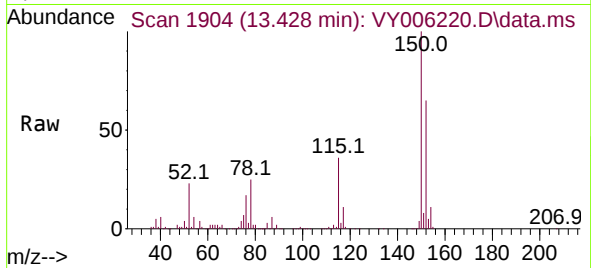




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006220.D
 Acq: 29 Sep 2021 18:01

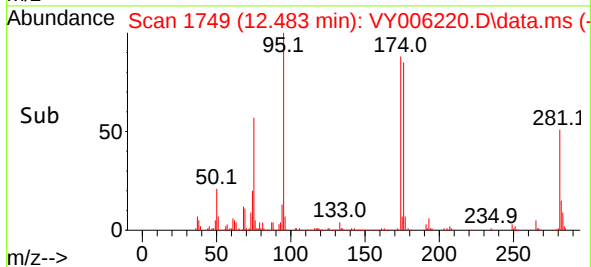
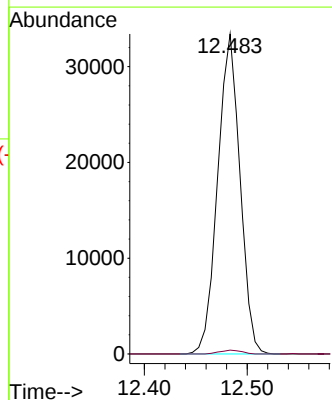
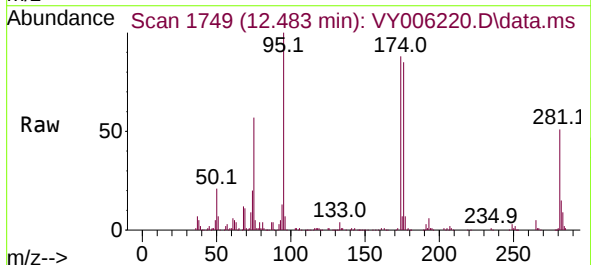
Instrument :
 MSVOA_Y
 ClientSampleId :

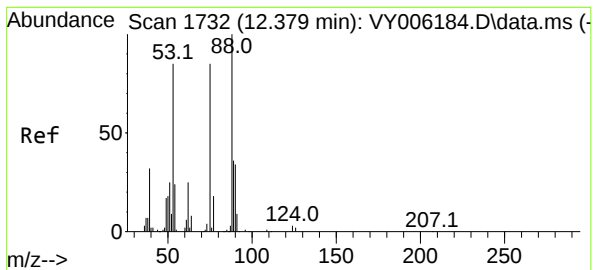
Tgt Ion:152 Resp: 86499
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.2 84.7
 150 156.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 59.829 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006220.D
 Acq: 29 Sep 2021 18:01

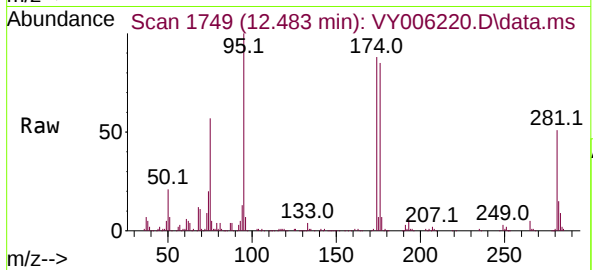
Tgt Ion: 75 Resp: 50300
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.573 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006220.D
 Acq: 29 Sep 2021 18:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 50300
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.7 37.0 55.4#

