

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006398.D
 Acq On : 15 Oct 2021 11:56
 Operator : SY/MD
 Sample : VY1015SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 04:43:58 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)

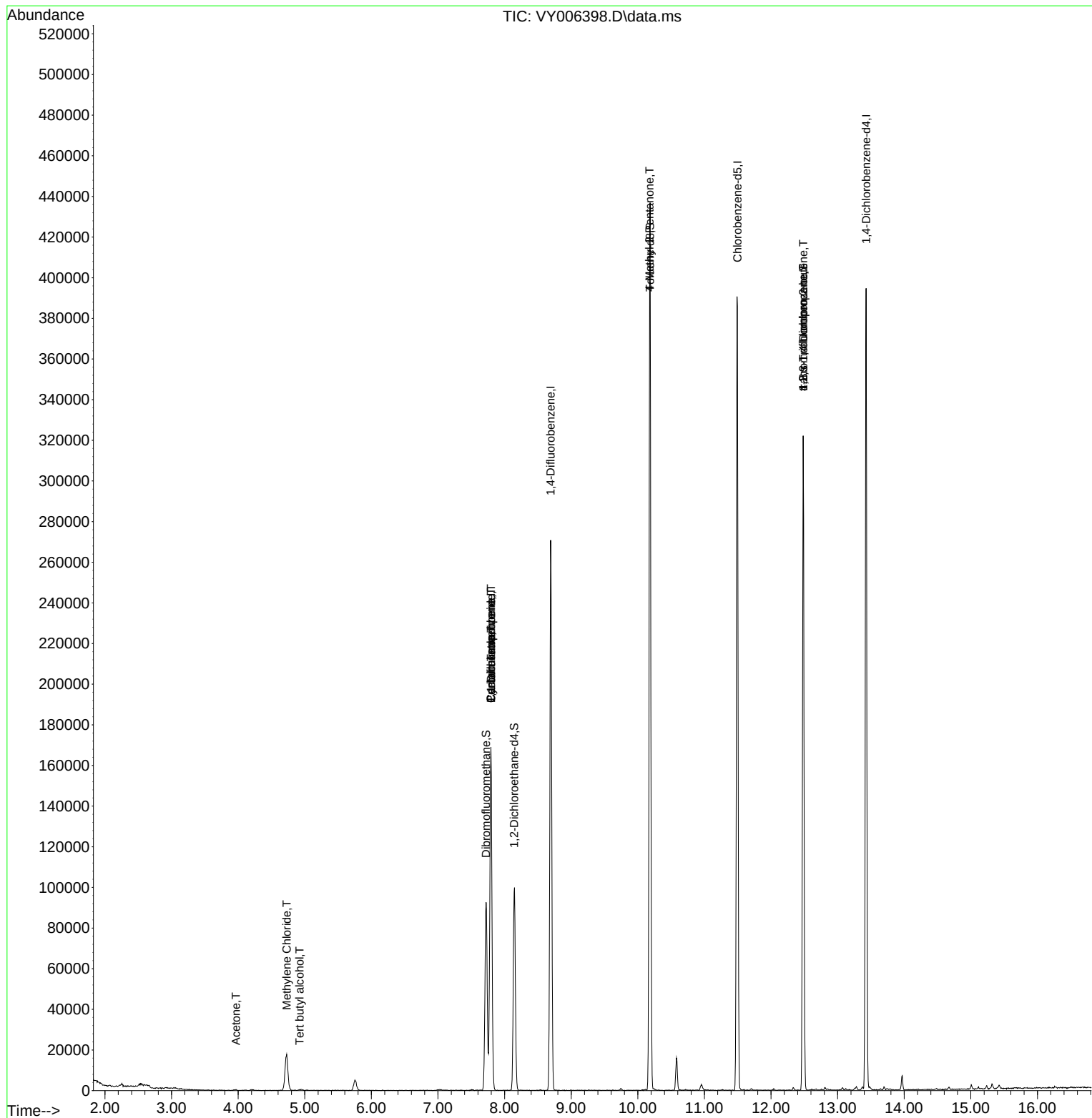
Internal Standards						
1) Pentafluorobenzene	7.795	168	132930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	217197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	207438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99579	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	83498	58.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.380%	
35) Dibromofluoromethane	7.722	113	63115	54.391	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.780%	
50) Toluene-d8	10.185	98	278912	57.431	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.860%	
62) 4-Bromofluorobenzene	12.483	95	86701	52.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.100%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	683	5.488	ug/l #	77
16) Acetone	3.966	43	681	1.714	ug/l	94
20) Methylene Chloride	4.728	84	12525	5.837	ug/l	89
31) Cyclohexane	7.795	56	2955	1.096	ug/l #	51
36) 1,1-Dichloropropene	7.795	75	9857	4.561	ug/l #	50
38) Carbon Tetrachloride	7.795	117	12424	5.445	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1322	1.054	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	49588	51.235	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49588	100.684	ug/l #	7

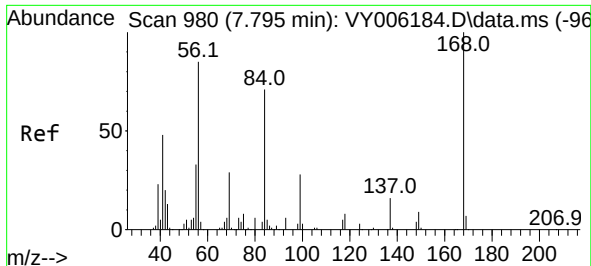
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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MSVOA_Y
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Quant Time: Oct 18 04:43:58 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

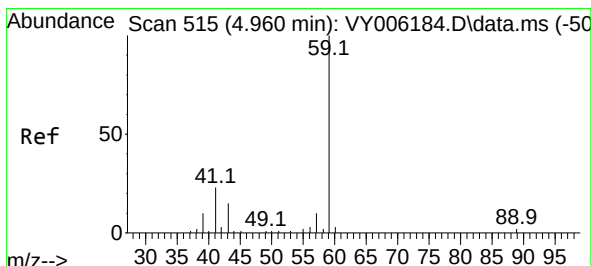
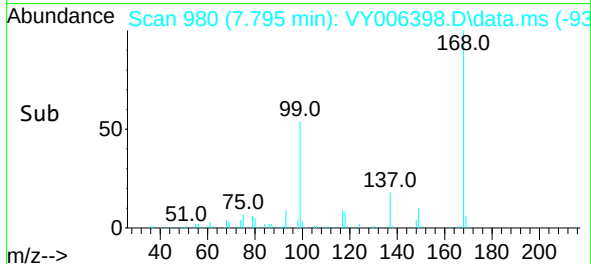
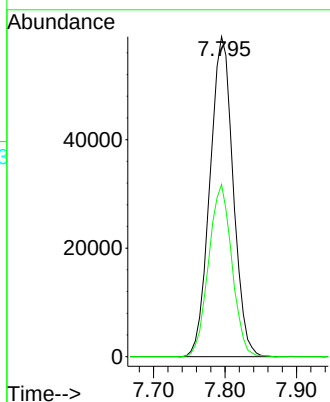
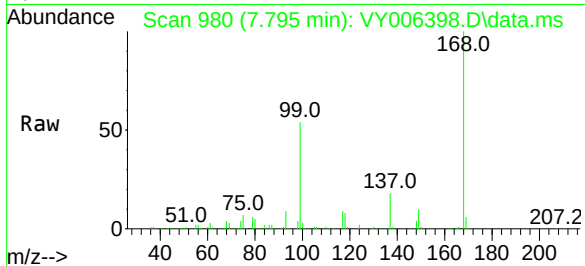




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

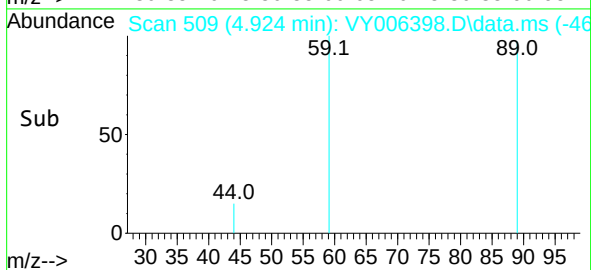
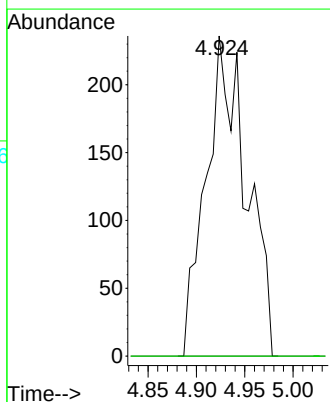
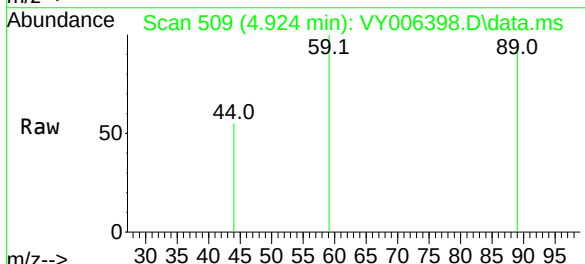
Instrument :
MSVOA_Y
ClientSampled :

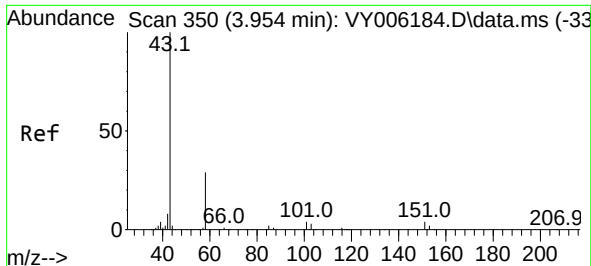
Tgt Ion:168 Resp: 132930
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 5.488 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.036 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

Tgt Ion: 59 Resp: 683
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

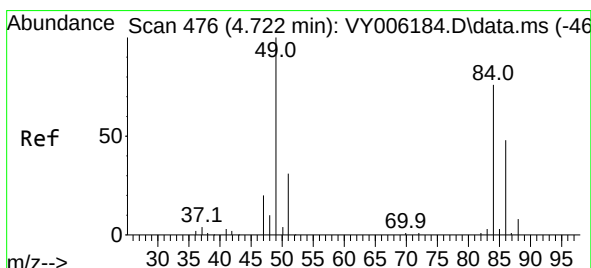
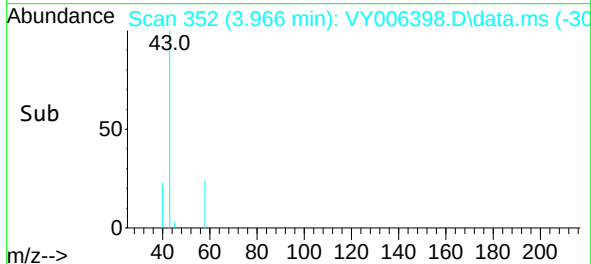
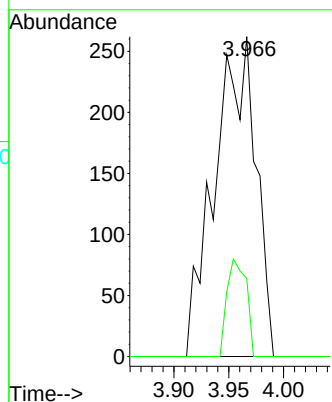
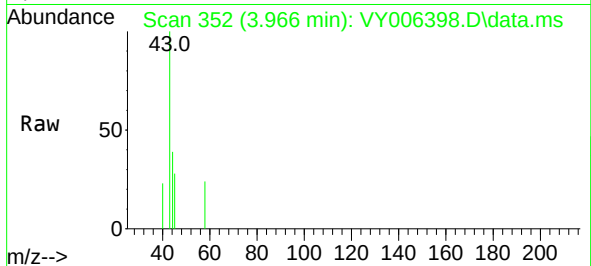




#16
Acetone
Concen: 1.714 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

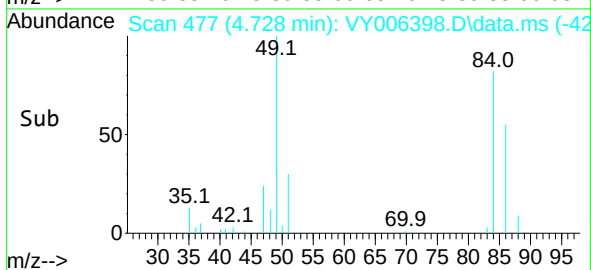
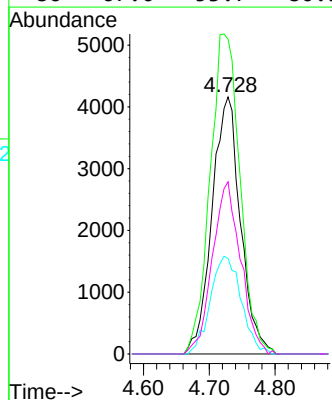
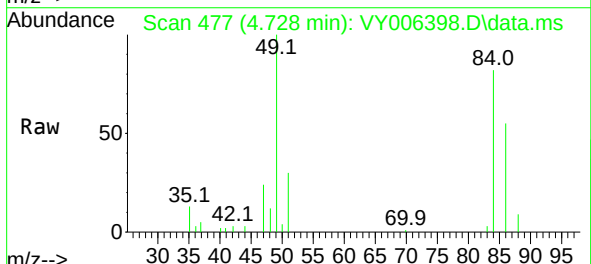
Instrument :
MSVOA_Y
ClientSampled :

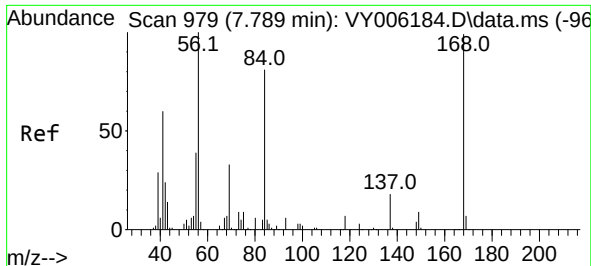
Tgt Ion: 43 Resp: 681
Ion Ratio Lower Upper
43 100
58 24.4 22.0 33.0



#20
Methylene Chloride
Concen: 5.837 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

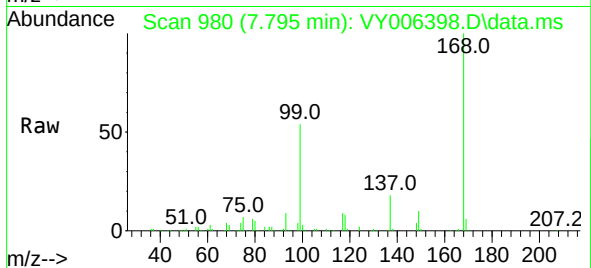
Tgt Ion: 84 Resp: 12525
Ion Ratio Lower Upper
84 100
49 122.6 114.4 171.6
51 37.2 35.3 52.9
86 67.0 53.7 80.5



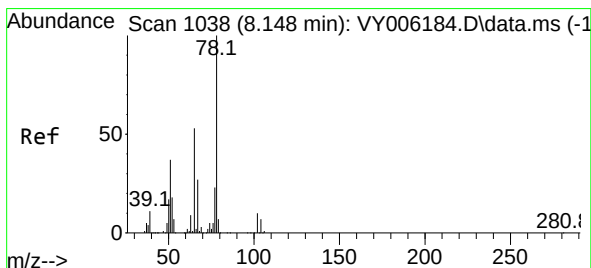
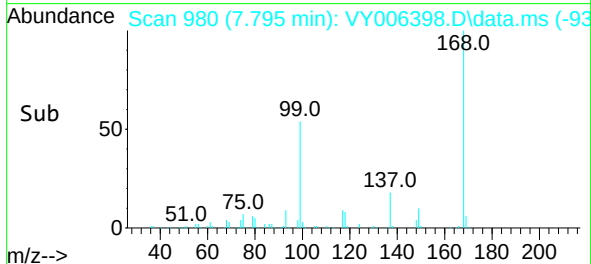
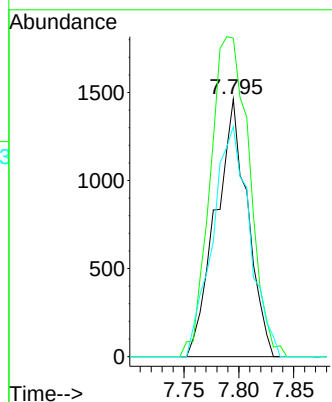


#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

Instrument :
MSVOA_Y
ClientSampled :

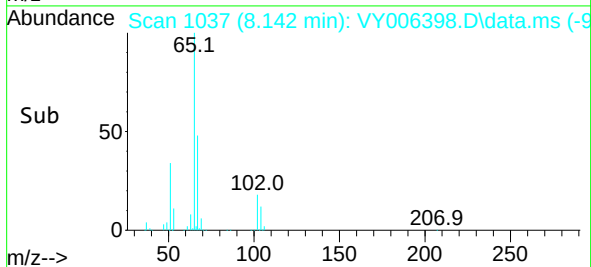
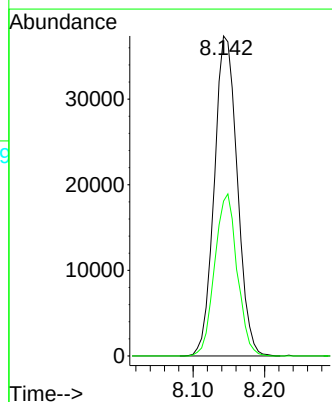
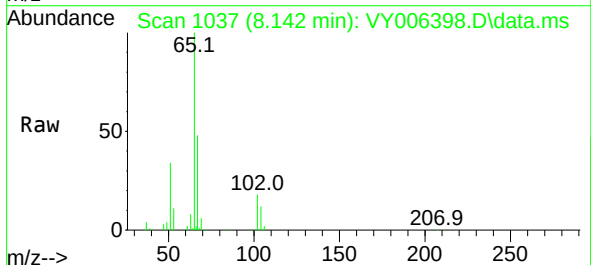


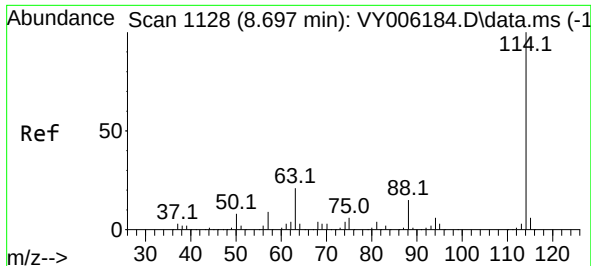
Tgt Ion: 56 Resp: 2955
Ion Ratio Lower Upper
56 100
69 123.7 26.7 40.1#
84 89.2 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 58.688 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

Tgt Ion: 65 Resp: 83498
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4

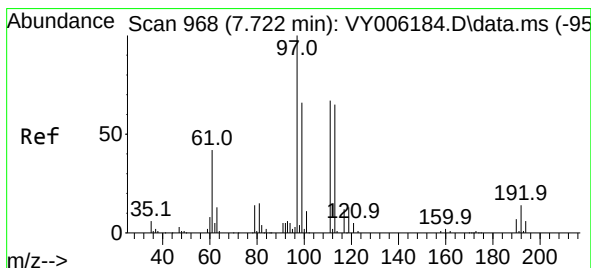
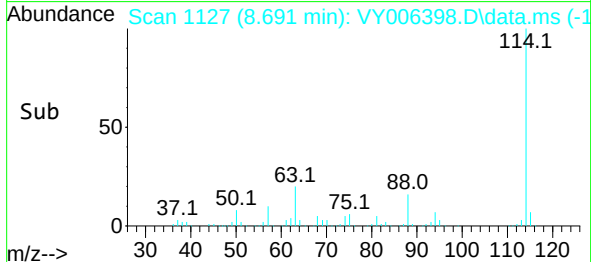
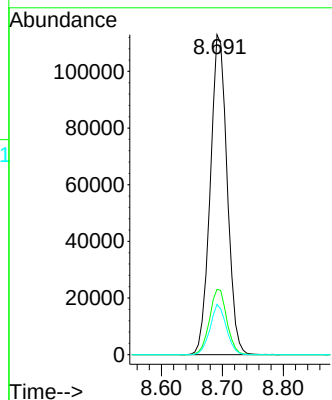
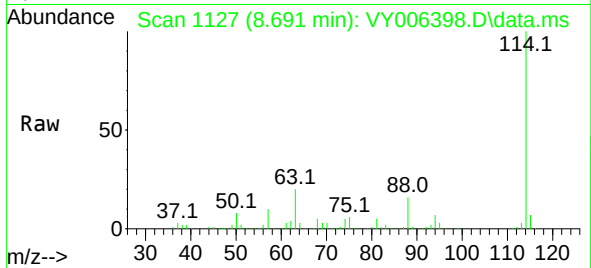




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

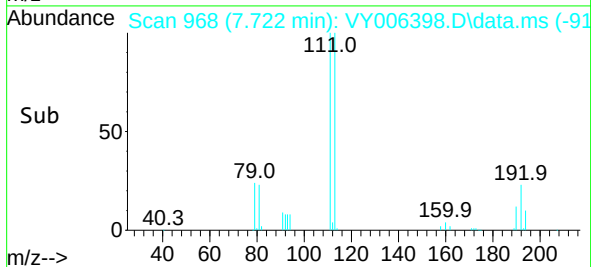
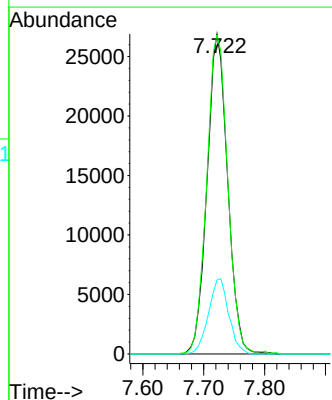
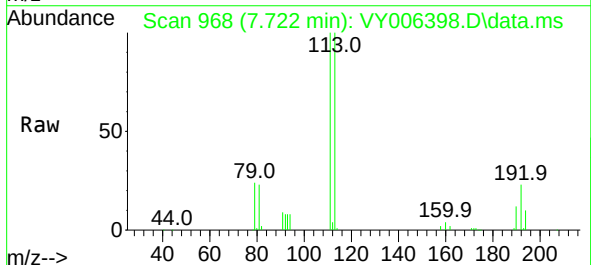
Instrument :
MSVOA_Y
ClientSampled :

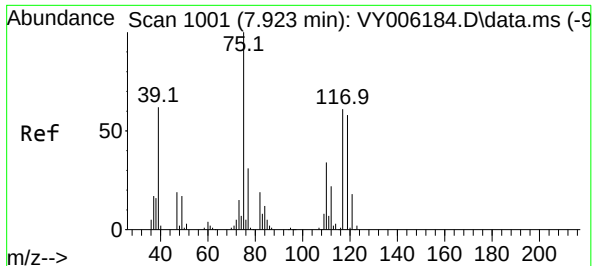
Tgt Ion:114 Resp: 217197
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.391 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

Tgt Ion:113 Resp: 63115
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 23.1 17.6 26.4

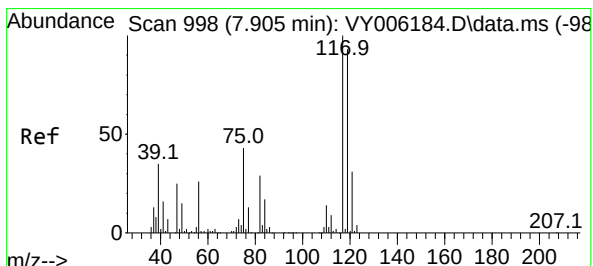
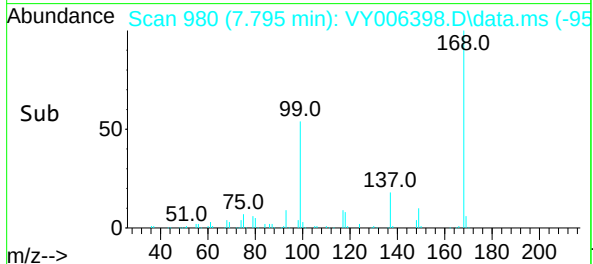
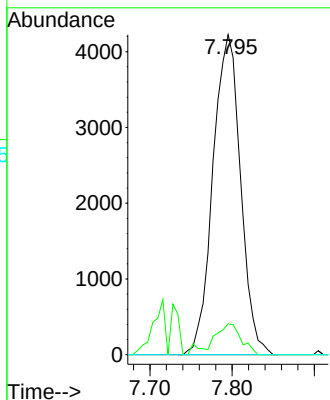
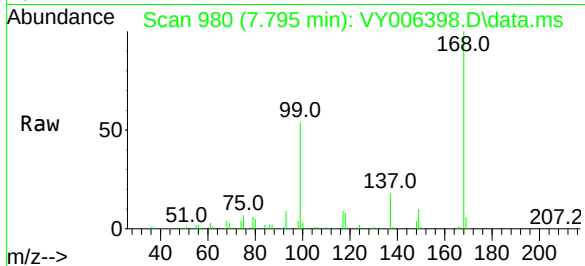




#36
1,1-Dichloropropene
Concen: 4.561 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

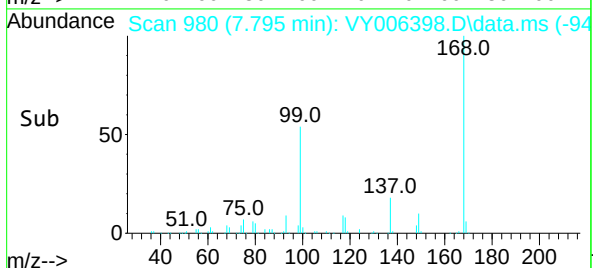
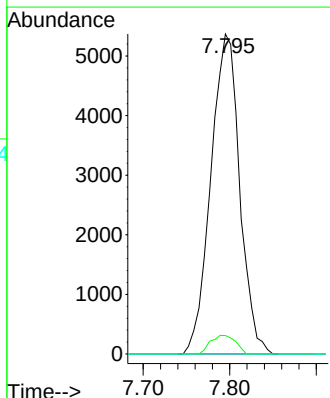
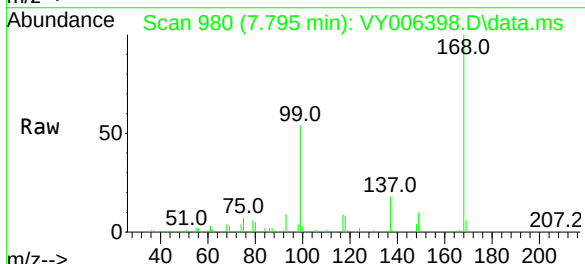
Instrument :
MSVOA_Y
ClientSampleId :

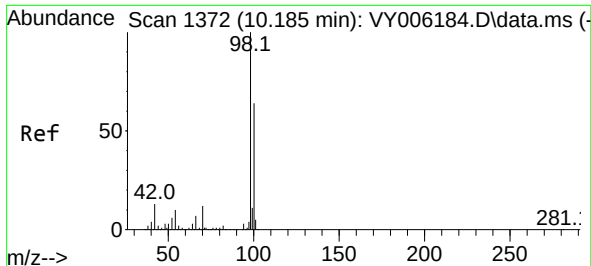
Tgt Ion: 75 Resp: 9857
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.445 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

Tgt Ion: 117 Resp: 12424
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#

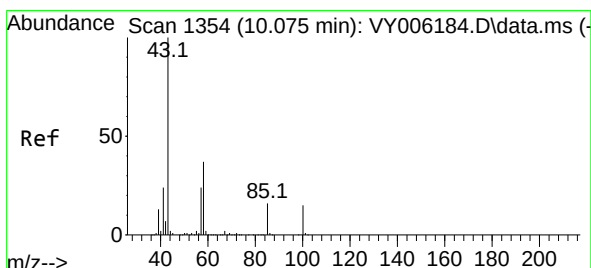
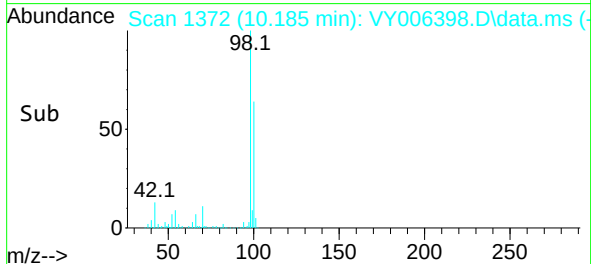
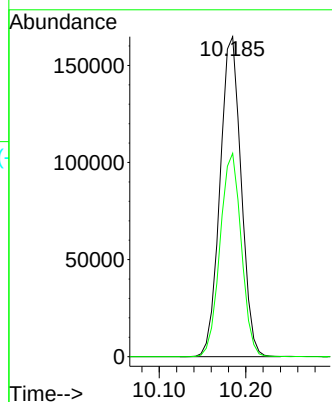
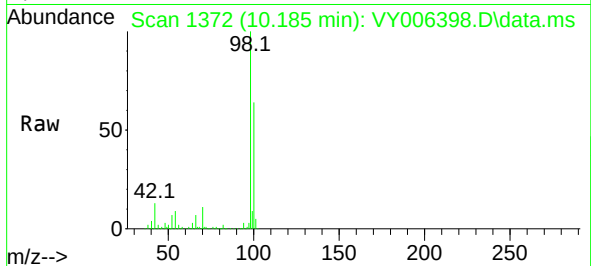




#50
Toluene-d8
Concen: 57.431 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

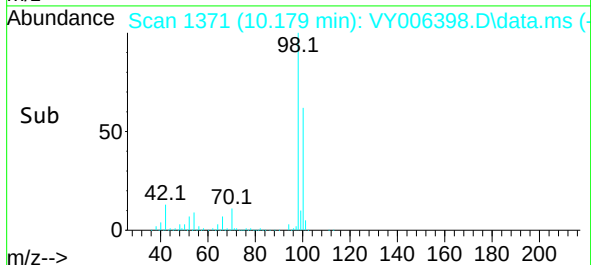
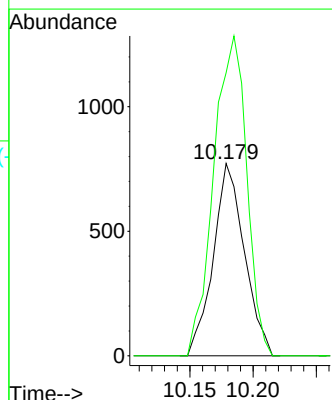
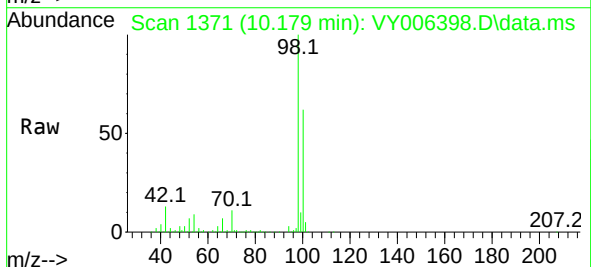
Instrument :
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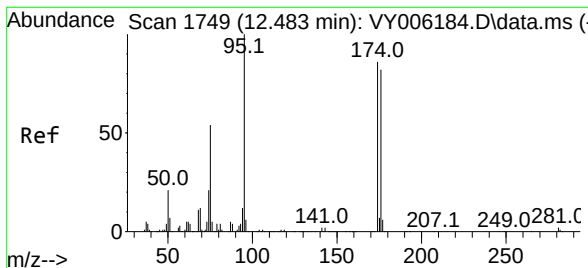
Tgt Ion: 98 Resp: 278912
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.054 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

Tgt Ion: 43 Resp: 1322
Ion Ratio Lower Upper
43 100
58 176.3 28.1 42.1#

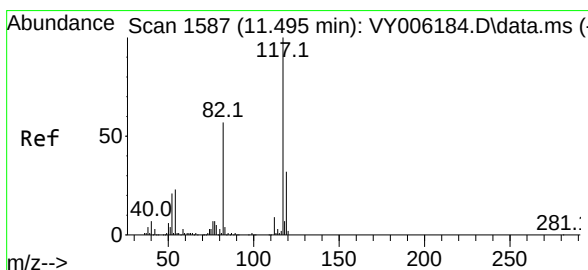
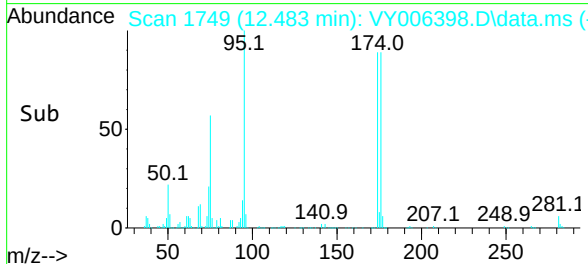
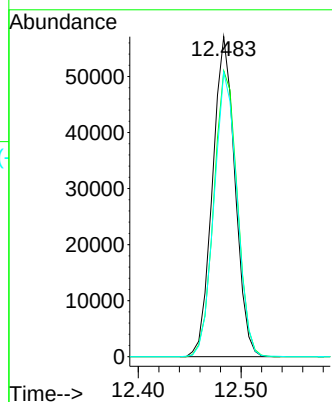
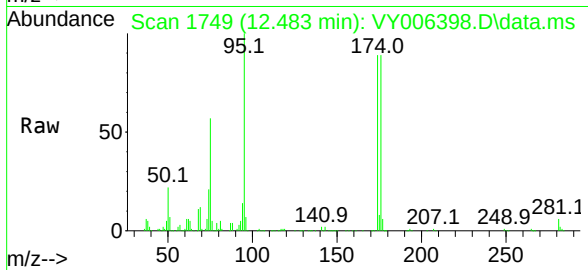




#62
4-Bromofluorobenzene
Concen: 52.552 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

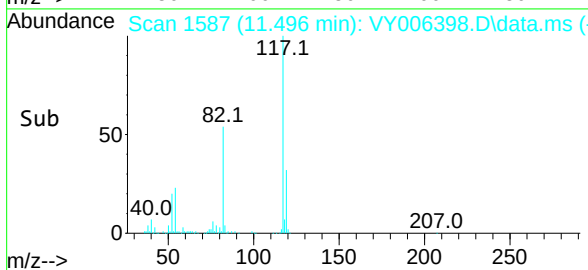
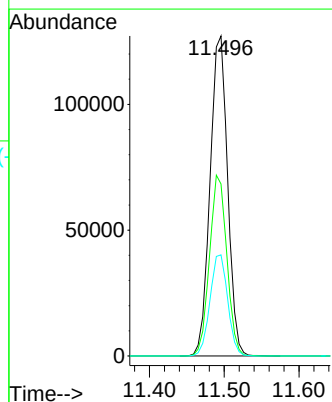
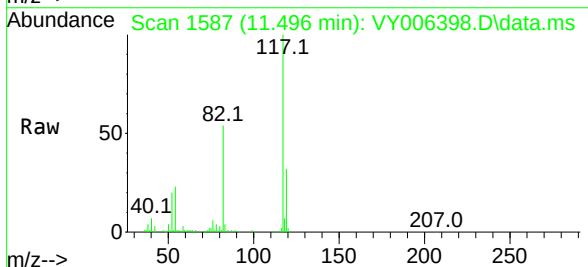
Instrument :
MSVOA_Y
ClientSampled :

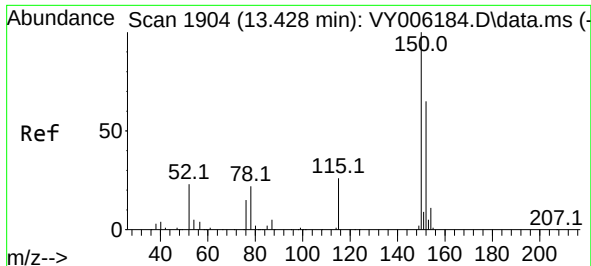
Tgt Ion: 95 Resp: 86701
Ion Ratio Lower Upper
95 100
174 93.0 0.0 177.0
176 90.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006398.D
Acq: 15 Oct 2021 11:56

Tgt Ion: 117 Resp: 207438
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.6 25.4 38.0

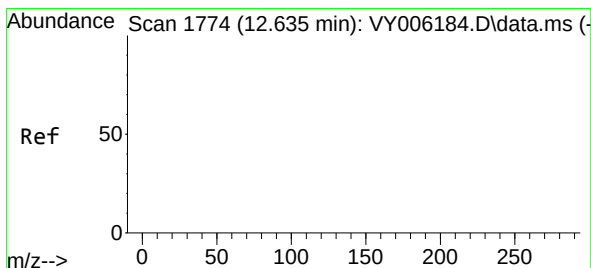
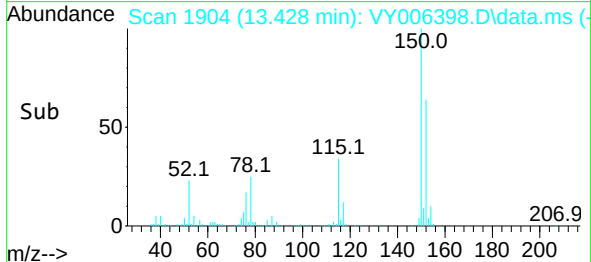
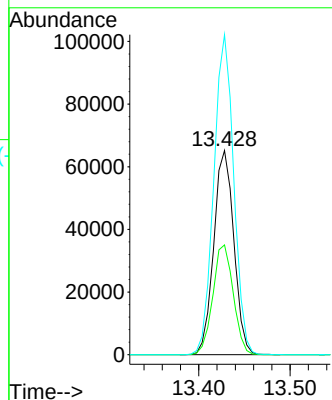
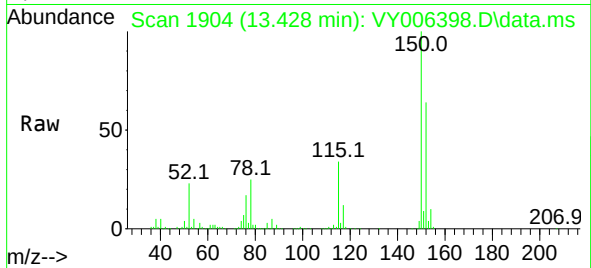




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006398.D
 Acq: 15 Oct 2021 11:56

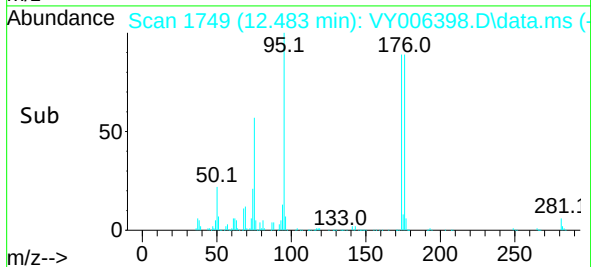
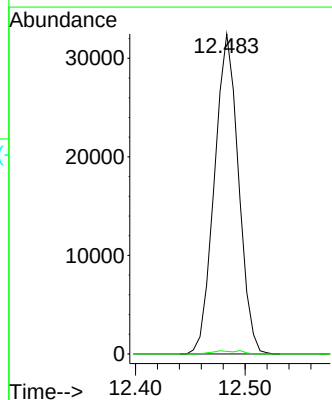
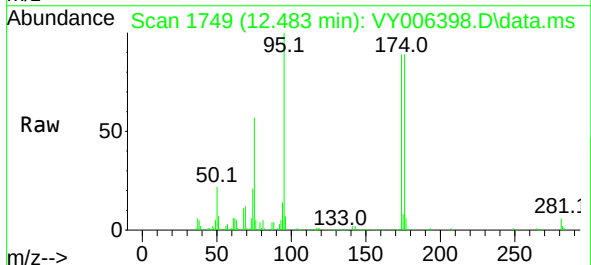
Instrument :
 MSVOA_Y
 ClientSampled :

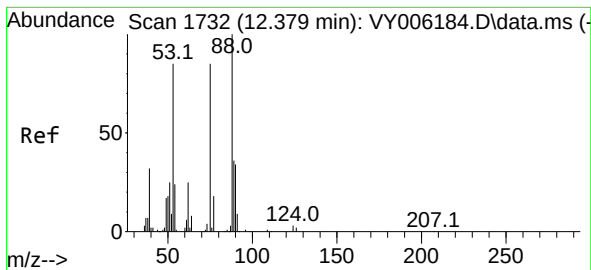
Tgt Ion:152 Resp: 99579
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.2 84.7
 150 155.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.235 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006398.D
 Acq: 15 Oct 2021 11:56

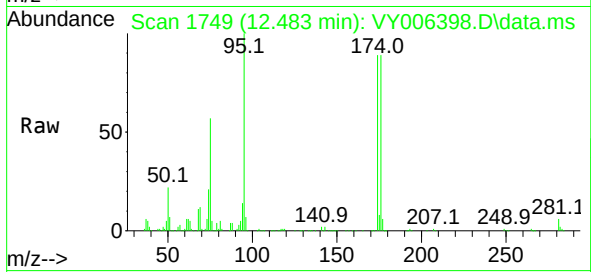
Tgt Ion: 75 Resp: 49588
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.684 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006398.D
 Acq: 15 Oct 2021 11:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	85.3	127.9#
89	0.0	37.0	55.4#

