

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101521\
 Data File : VY006402.D
 Acq On : 15 Oct 2021 13:32
 Operator : SY/MD
 Sample : M4242-09
 Misc : 4.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 04:44:53 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)

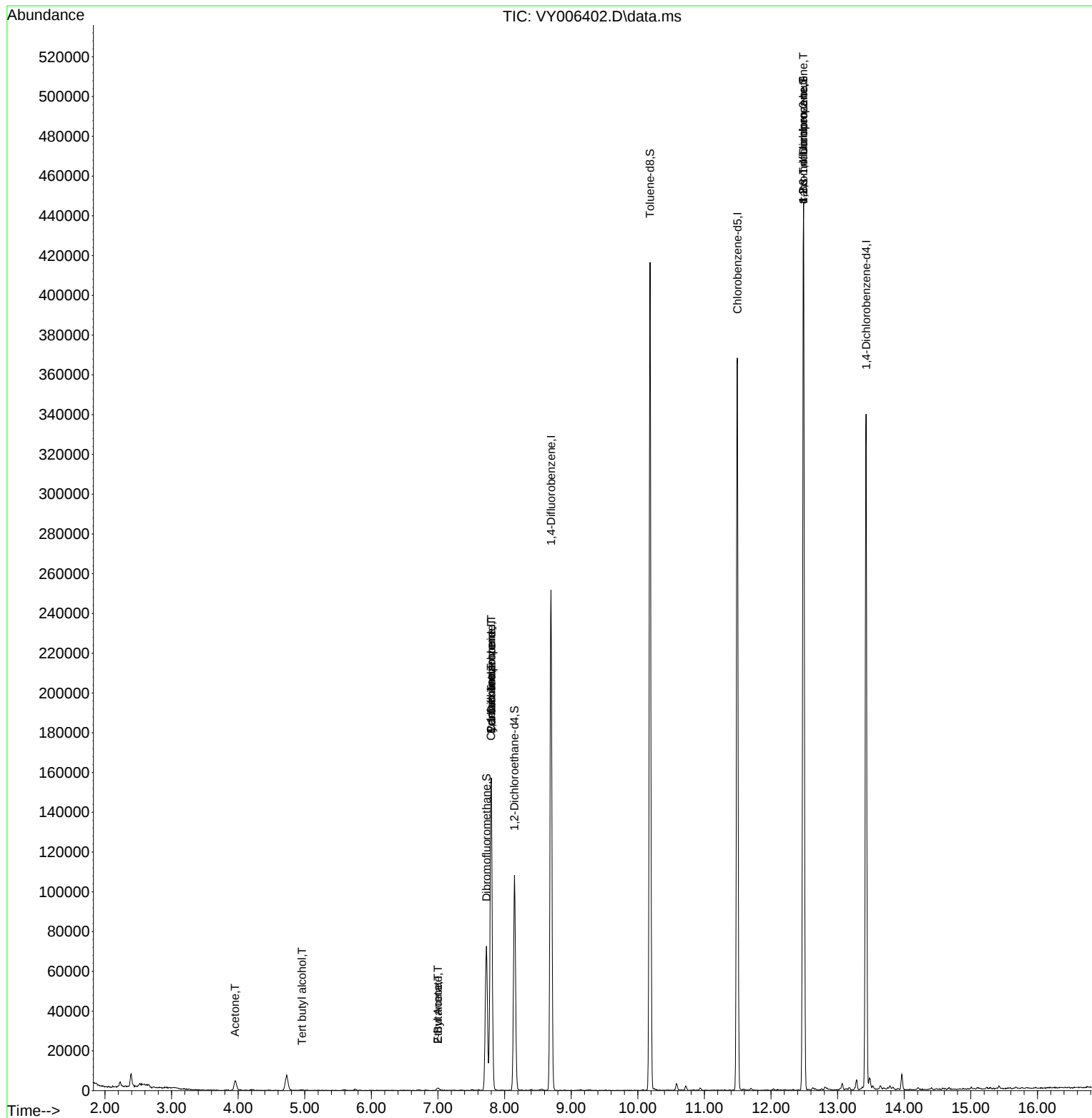
Internal Standards						
1) Pentafluorobenzene	7.801	168	123203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	205673	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	194372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	85833	65.092	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.180%
35) Dibromofluoromethane	7.728	113	48169	43.837	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.680%
50) Toluene-d8	10.185	98	261793	56.926	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.860%
62) 4-Bromofluorobenzene	12.483	95	80493	51.523	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	512	4.439	ug/l #	77
16) Acetone	3.954	43	8805	23.907	ug/l	98
25) 2-Butanone	6.996	43	2216	4.319	ug/l	91
31) Cyclohexane	7.795	56	2766	1.107	ug/l #	36
36) 1,1-Dichloropropene	7.801	75	9217	4.504	ug/l #	51
37) Ethyl Acetate	6.996	43	2216	1.859	ug/l #	72
38) Carbon Tetrachloride	7.801	117	12280	5.683	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	47620	57.039	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47620	112.090	ug/l #	8

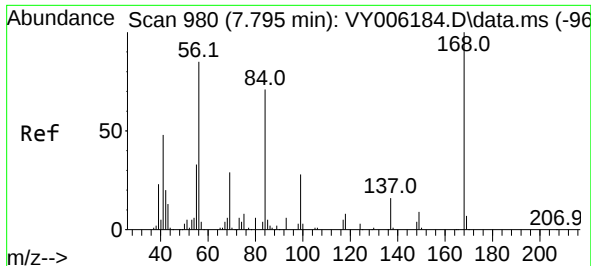
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
ClientSampleId :

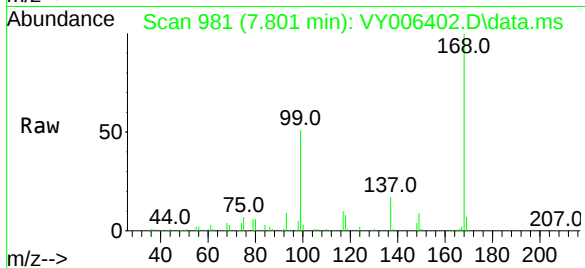
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
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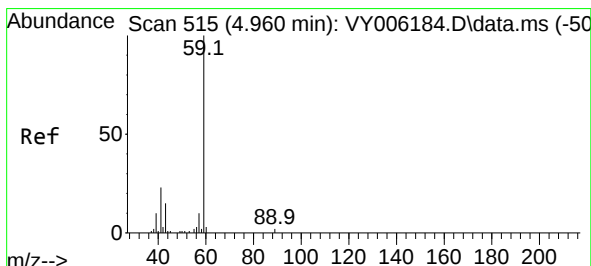
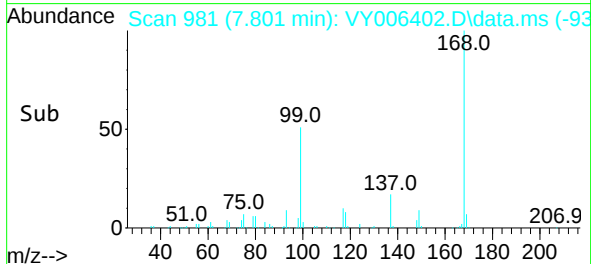
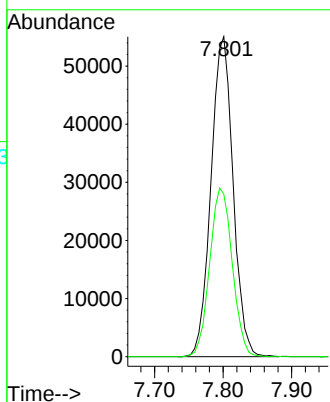


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32

Instrument :
MSVOA_Y
ClientSampled :

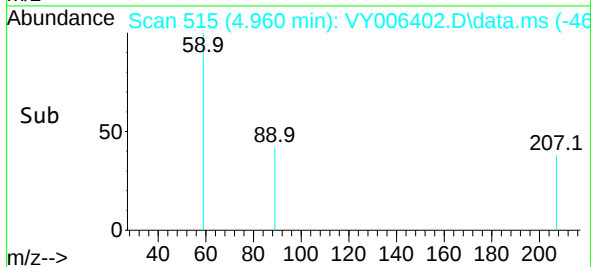
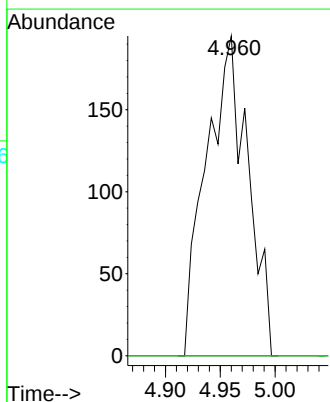
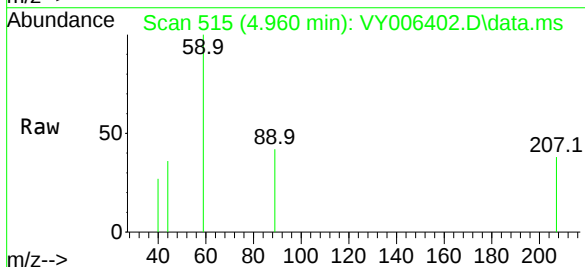


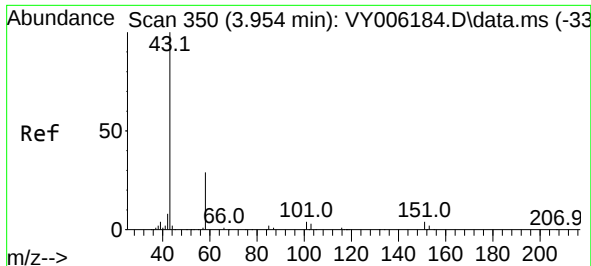
Tgt Ion:168 Resp: 123203
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.439 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32

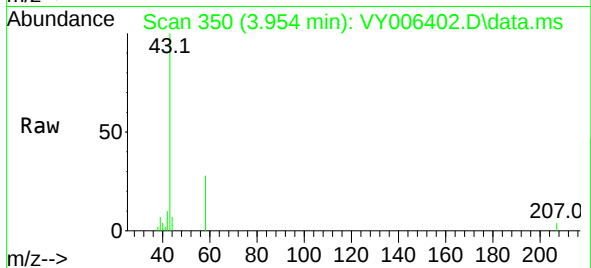
Tgt Ion: 59 Resp: 512
Ion Ratio Lower Upper
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57 0.0 6.4 9.6#



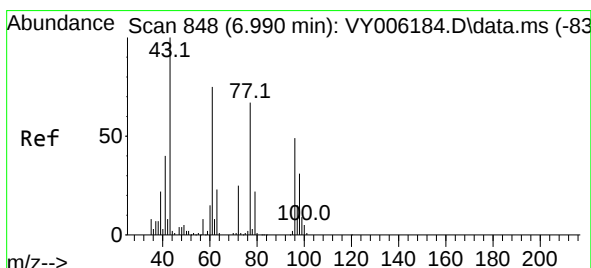
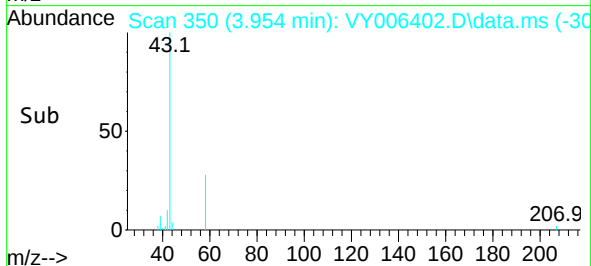
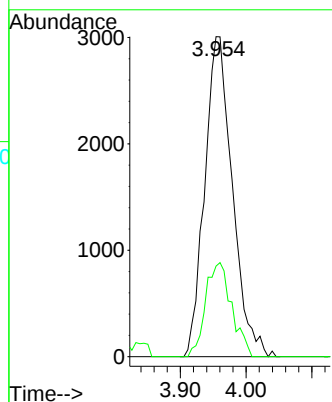


#16
Acetone
Concen: 23.907 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32

Instrument :
MSVOA_Y
ClientSampled :

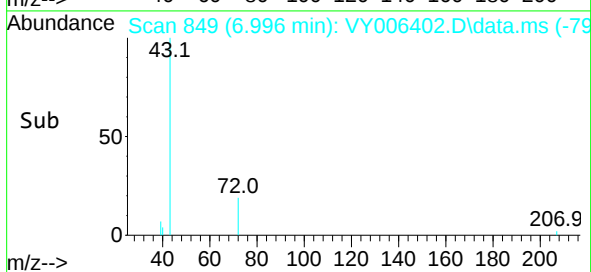
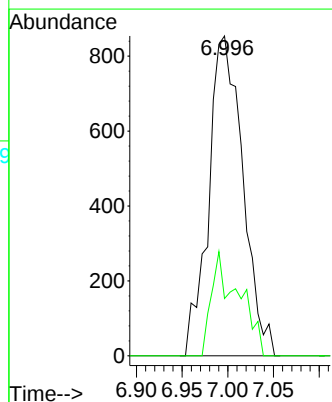
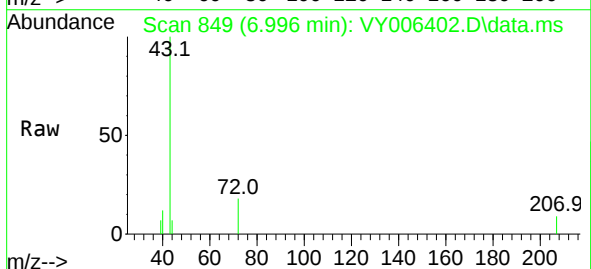


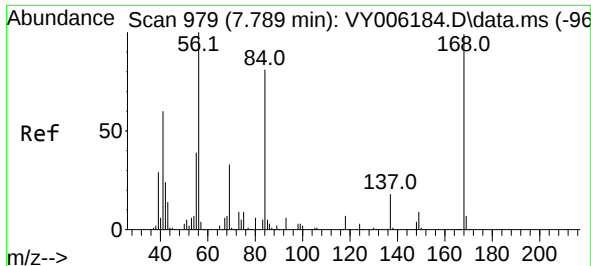
Tgt Ion: 43 Resp: 8805
Ion Ratio Lower Upper
43 100
58 28.3 22.0 33.0



#25
2-Butanone
Concen: 4.319 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32

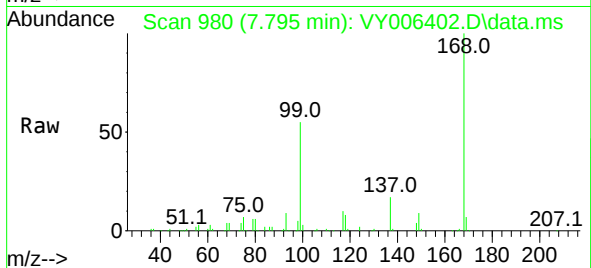
Tgt Ion: 43 Resp: 2216
Ion Ratio Lower Upper
43 100
72 17.9 17.7 26.5



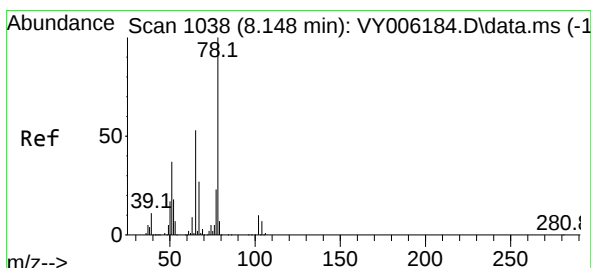
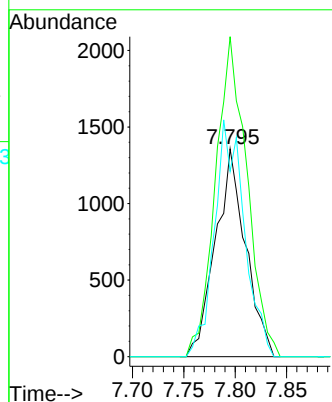
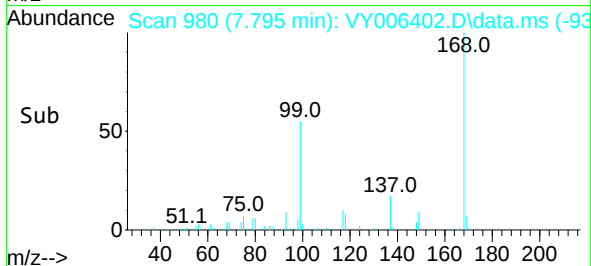


#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32

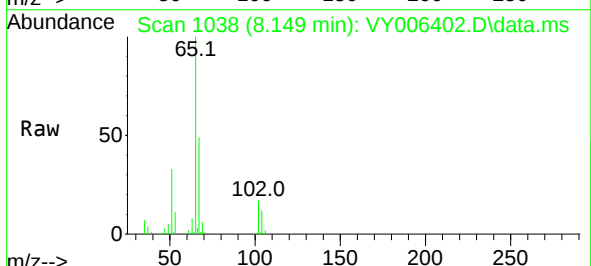
Instrument :
MSVOA_Y
ClientSampleId :



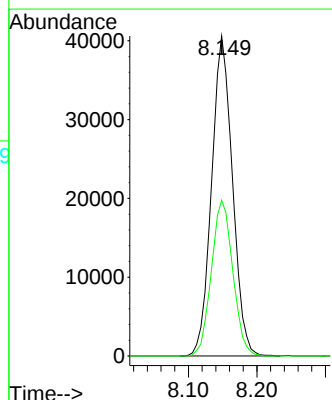
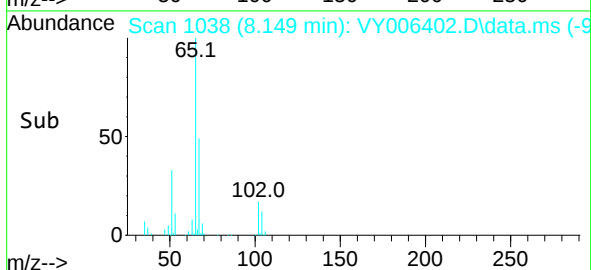
Tgt Ion: 56 Resp: 2766
Ion Ratio Lower Upper
56 100
69 154.0 26.7 40.1#
84 89.2 67.2 100.8

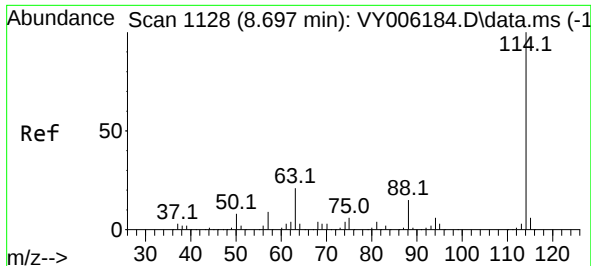


#33
1,2-Dichloroethane-d4
Concen: 65.092 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32



Tgt Ion: 65 Resp: 85833
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.4

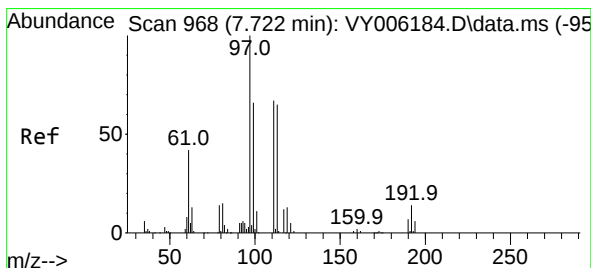
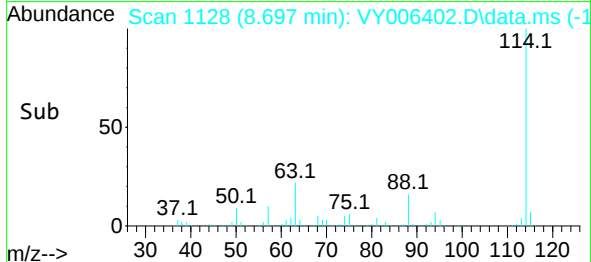
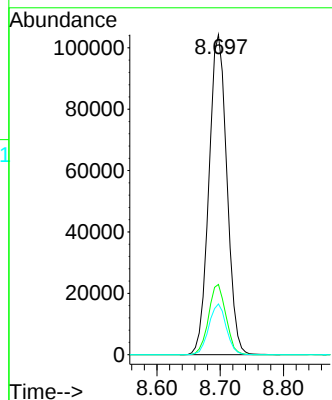
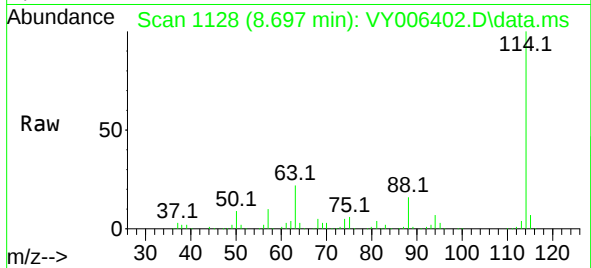




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32

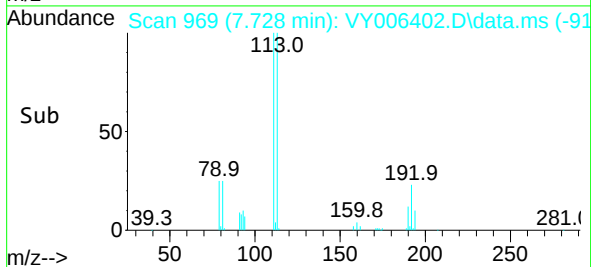
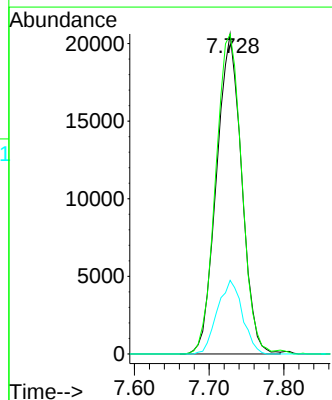
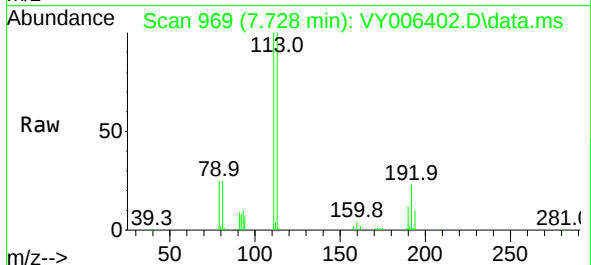
Instrument :
MSVOA_Y
ClientSampled :

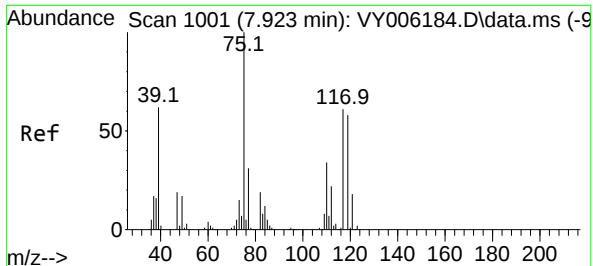
Tgt Ion:114 Resp: 205673
Ion Ratio Lower Upper
114 100
63 22.0 0.0 43.2
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.837 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32

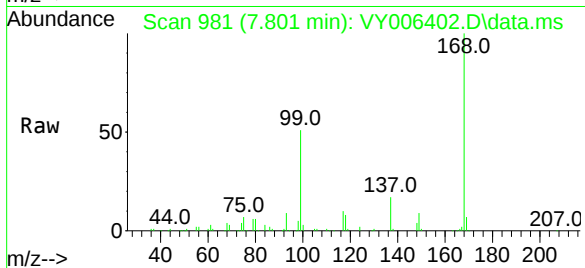
Tgt Ion:113 Resp: 48169
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 22.9 17.6 26.4



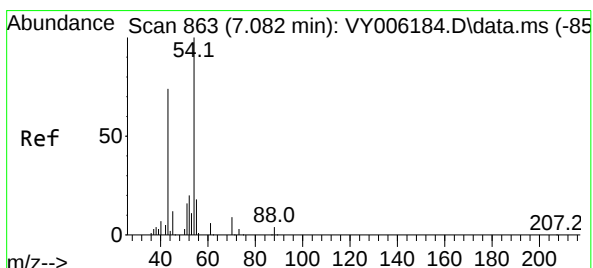
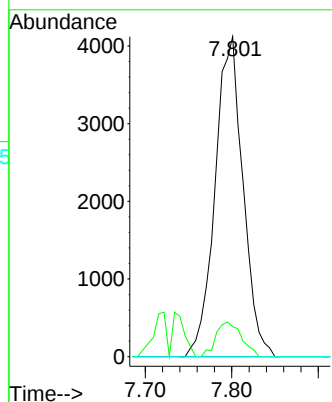
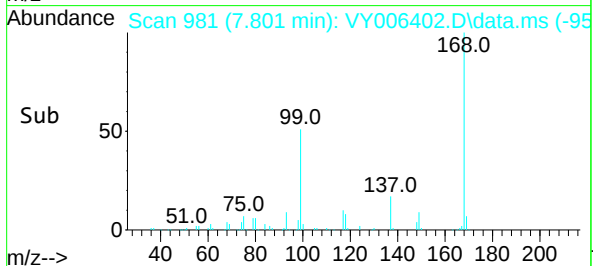


#36
1,1-Dichloropropene
Concen: 4.504 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32

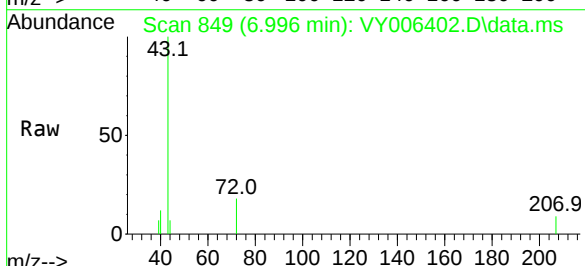
Instrument :
MSVOA_Y
ClientSampled :



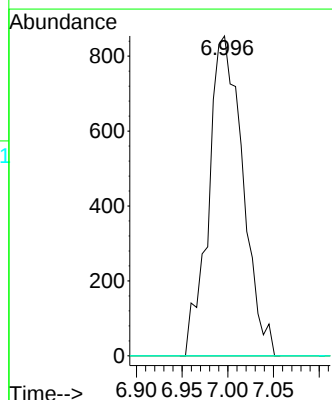
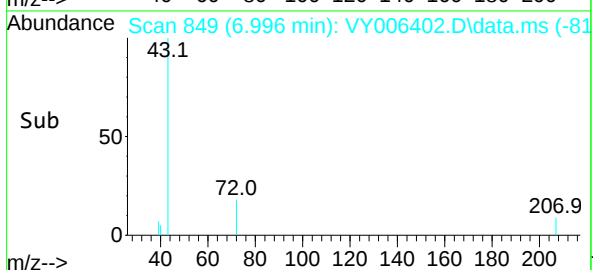
Tgt Ion: 75 Resp: 9217
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#

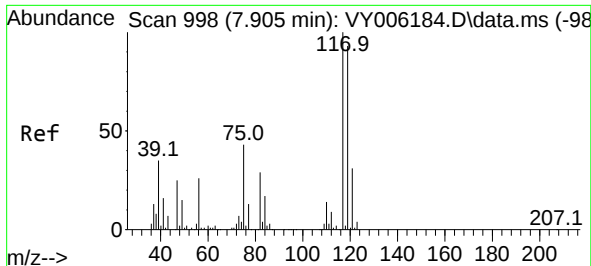


#37
Ethyl Acetate
Concen: 1.859 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.085 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32



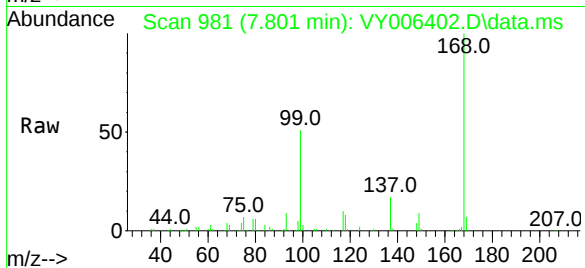
Tgt Ion: 43 Resp: 2216
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



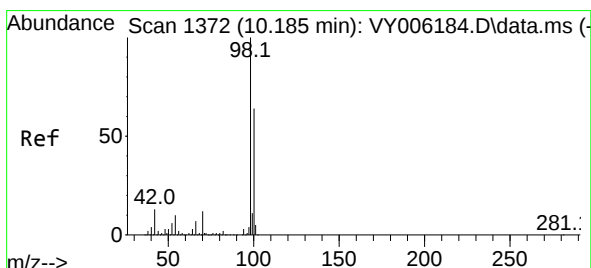
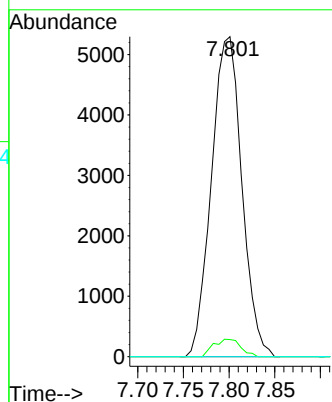
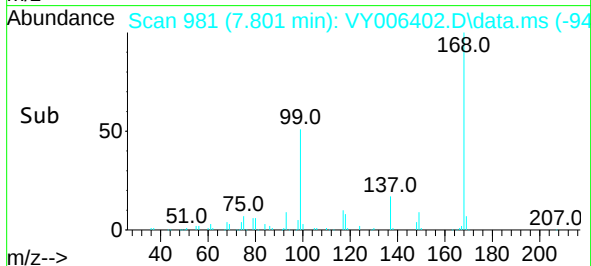


#38
Carbon Tetrachloride
Concen: 5.683 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32

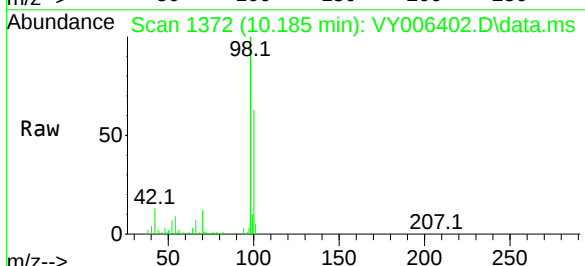
Instrument :
MSVOA_Y
ClientSampleId :



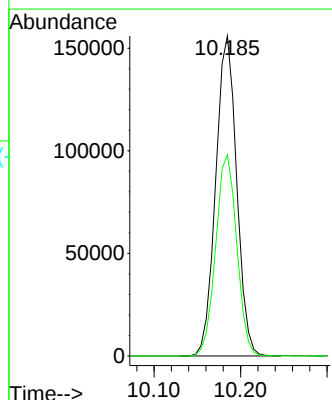
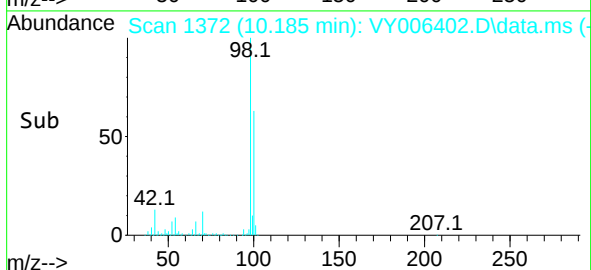
Tgt Ion: 117 Resp: 12280
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#

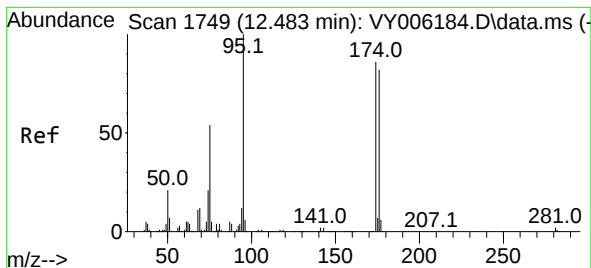


#50
Toluene-d8
Concen: 56.926 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32



Tgt Ion: 98 Resp: 261793
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

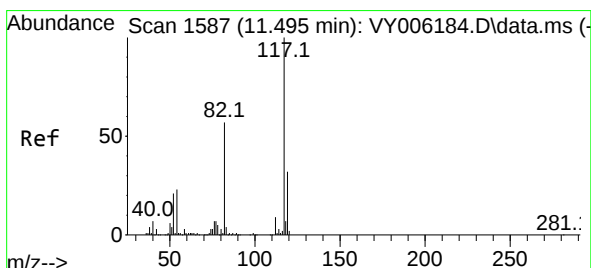
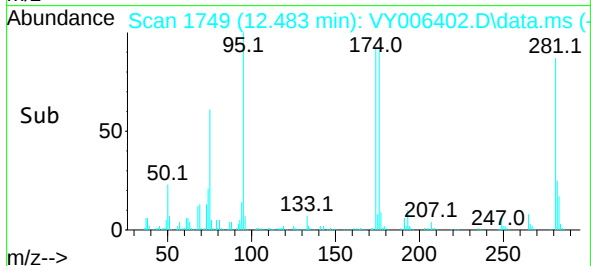
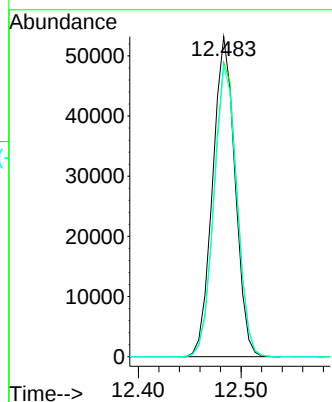
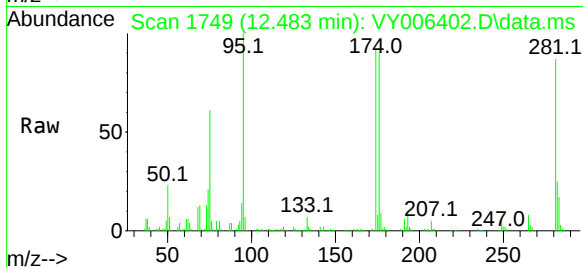




#62
4-Bromofluorobenzene
Concen: 51.523 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32

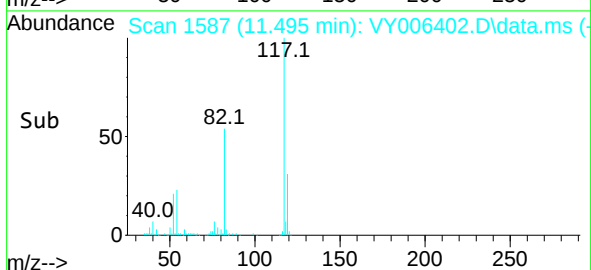
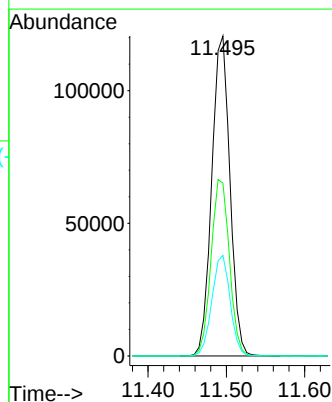
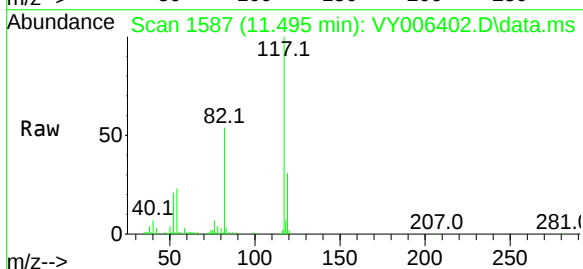
Instrument :
MSVOA_Y
ClientSampleId :

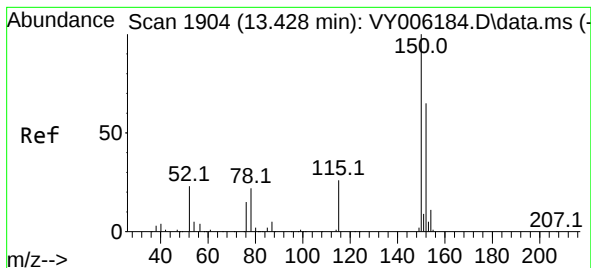
Tgt Ion: 95 Resp: 80493
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 92.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006402.D
Acq: 15 Oct 2021 13:32

Tgt Ion: 117 Resp: 194372
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 31.4 25.4 38.0

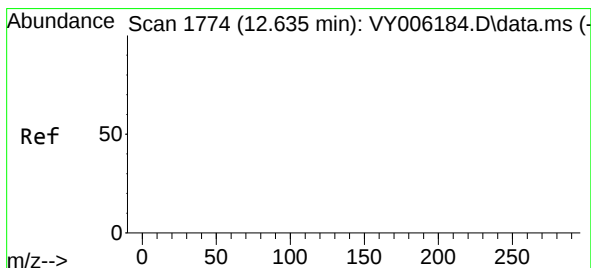
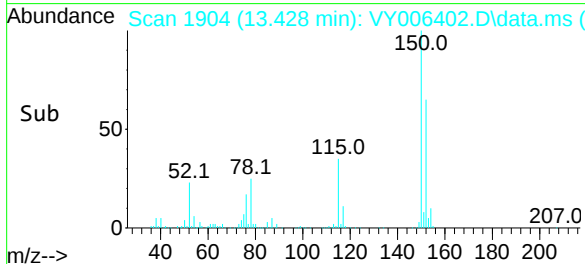
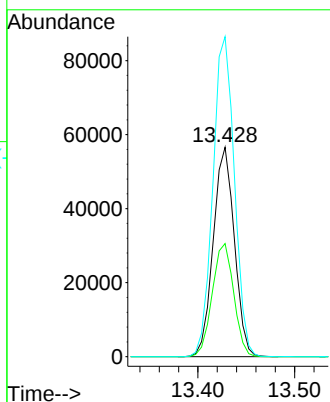
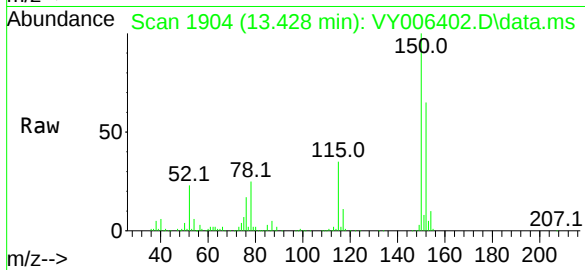




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006402.D
 Acq: 15 Oct 2021 13:32

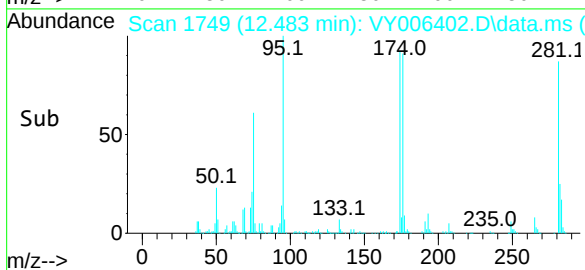
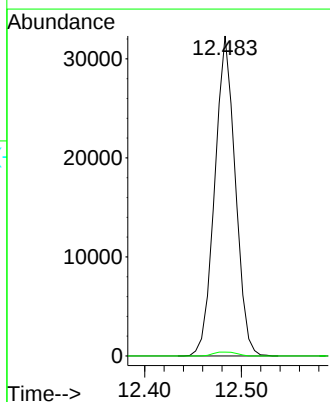
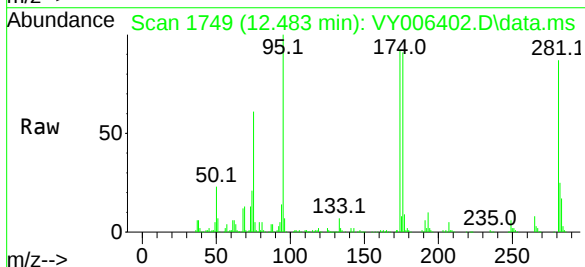
Instrument :
 MSVOA_Y
 ClientSampled :

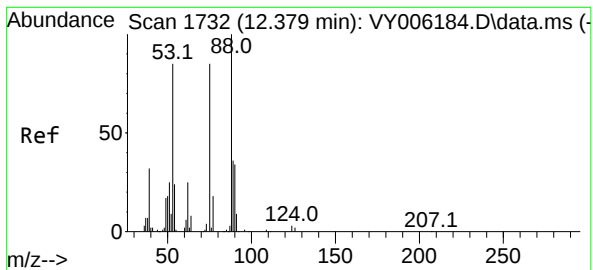
Tgt Ion:152 Resp: 85896
 Ion Ratio Lower Upper
 152 100
 115 54.9 28.2 84.7
 150 155.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 57.039 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006402.D
 Acq: 15 Oct 2021 13:32

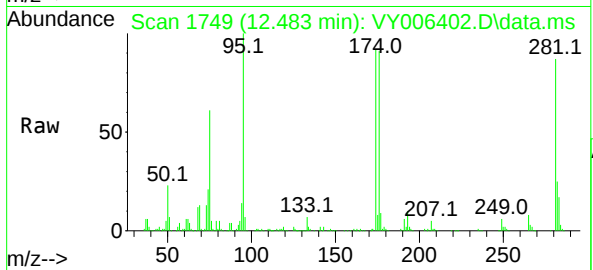
Tgt Ion: 75 Resp: 47620
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.090 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006402.D
 Acq: 15 Oct 2021 13:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 47620
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.0 37.0 55.4#

