

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006691.D
 Acq On : 08 Nov 2021 19:28
 Operator : SY/MD
 Sample : M4540-09
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 13:08:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

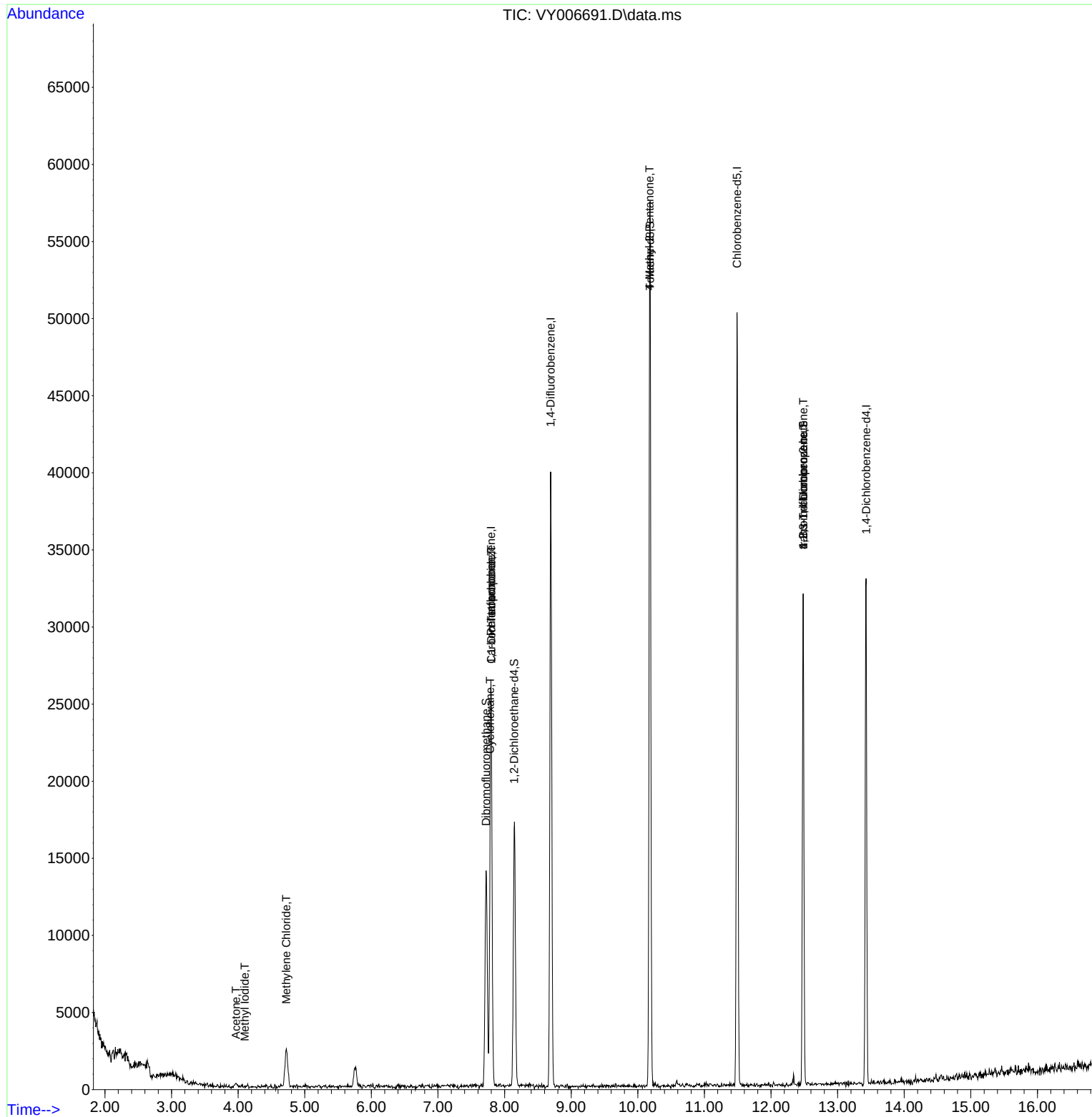
Internal Standards						
1) Pentafluorobenzene	7.795	168	19622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	30914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25151	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	8142	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	13803	57.164	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.320%	
35) Dibromofluoromethane	7.722	113	9185	53.306	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.620%	
50) Toluene-d8	10.185	98	37337	51.116	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	12.483	95	9040	36.740	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 73.480%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	40	5.246	ug/l #	36
16) Acetone	3.966	43	350	5.034	ug/l #	46
20) Methylene Chloride	4.722	84	1776	4.568	ug/l #	93
31) Cyclohexane	7.783	56	485	1.241	ug/l #	20
36) 1,1-Dichloropropene	7.801	75	1800	5.893	ug/l #	45
38) Carbon Tetrachloride	7.801	117	1996	5.923	ug/l #	12
51) 4-Methyl-2-Pentanone	10.179	43	216	1.099	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	5011	59.725	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5011	122.613	ug/l #	7

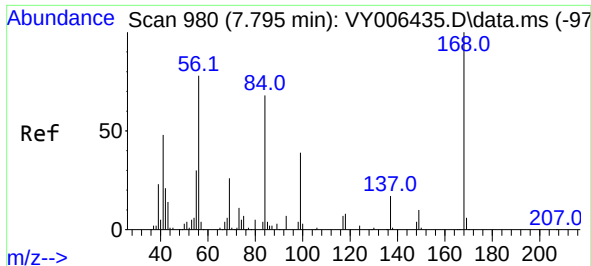
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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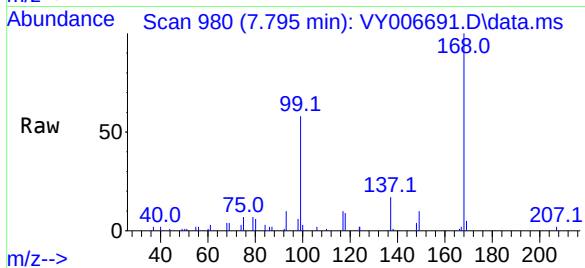
Quant Time: Nov 09 13:08:03 2021
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Quant Title : SW846 8260
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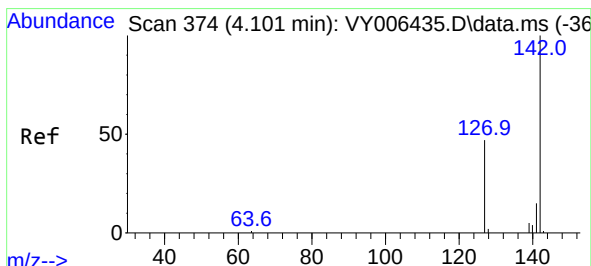
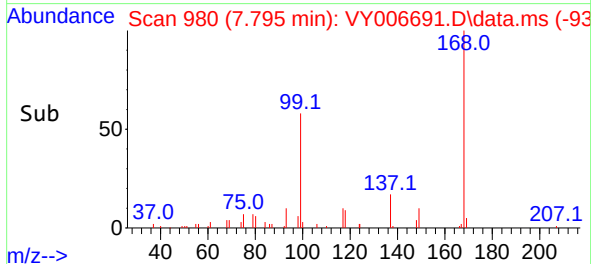
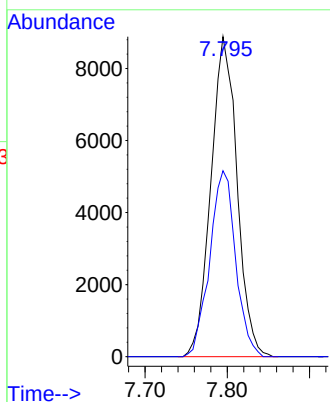


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

Instrument :
MSVOA_Y
ClientSampleId :

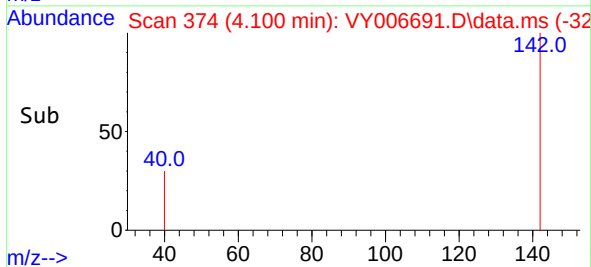
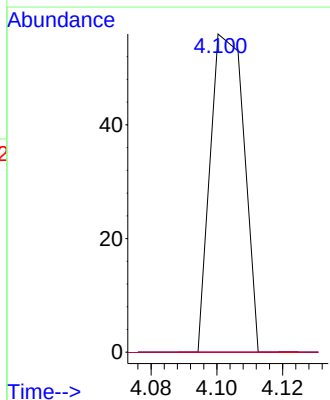
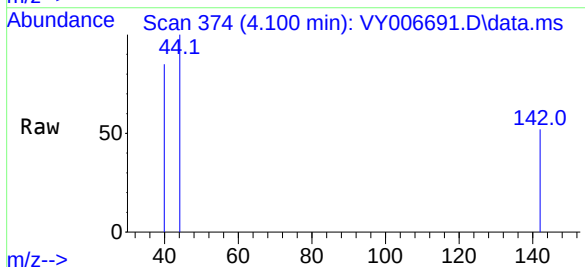


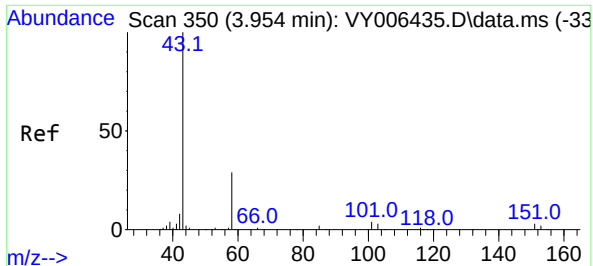
Tgt Ion:168 Resp: 19622
Ion Ratio Lower Upper
168 100
99 58.1 44.8 67.2



#10
Methyl Iodide
Concen: 5.246 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.001 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

Tgt Ion:142 Resp: 40
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

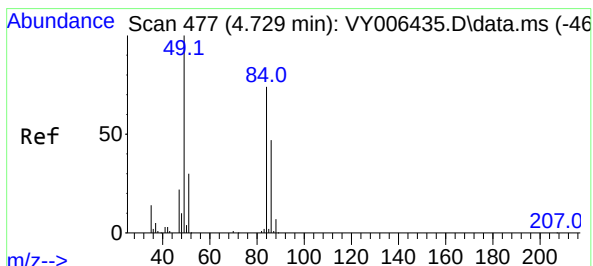
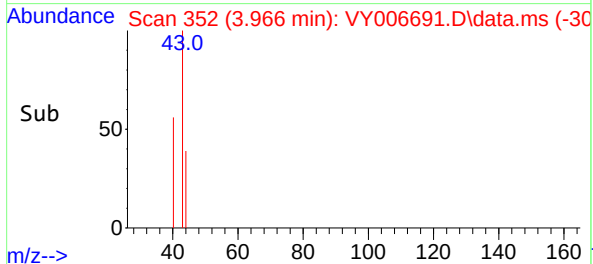
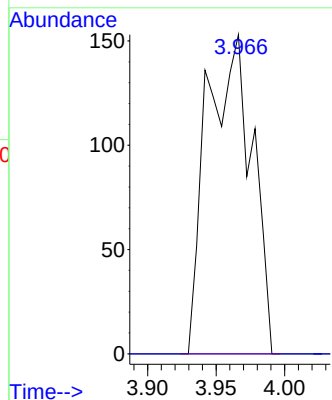
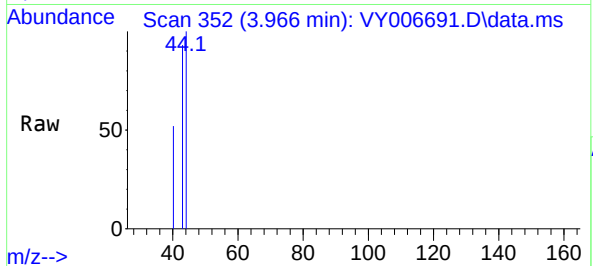




#16
Acetone
Concen: 5.034 ug/l
RT: 3.966 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

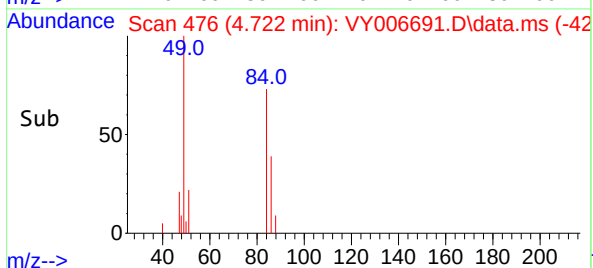
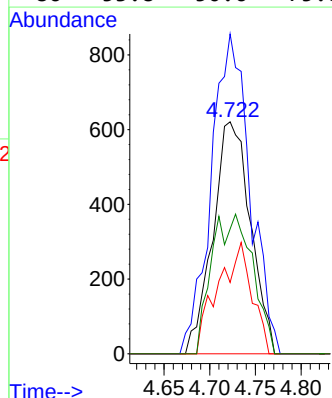
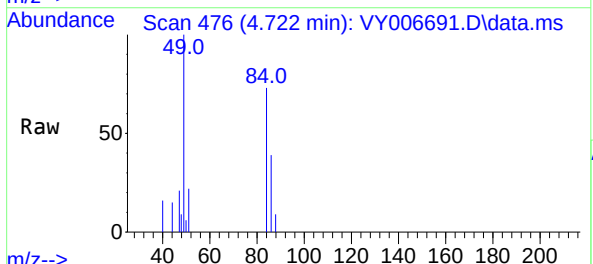
Instrument :
MSVOA_Y
ClientSampleId :

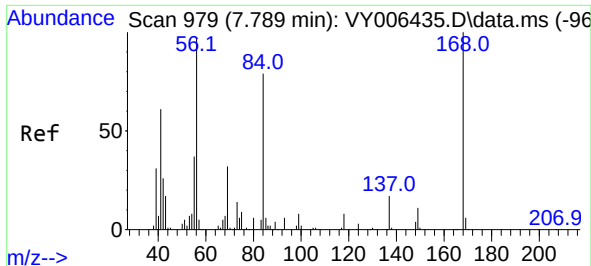
Tgt Ion: 43 Resp: 350
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: 4.568 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

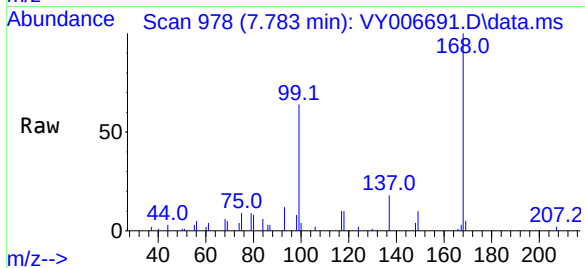
Tgt Ion: 84 Resp: 1776
Ion Ratio Lower Upper
84 100
49 137.8 107.8 161.8
51 30.8 32.8 49.2#
86 53.8 50.6 75.8



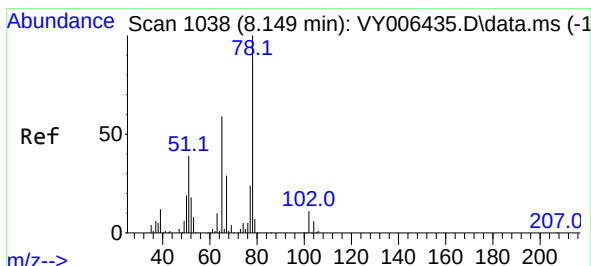
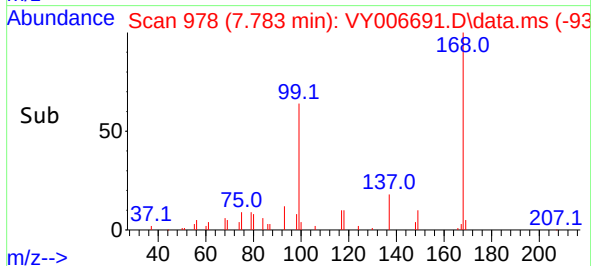
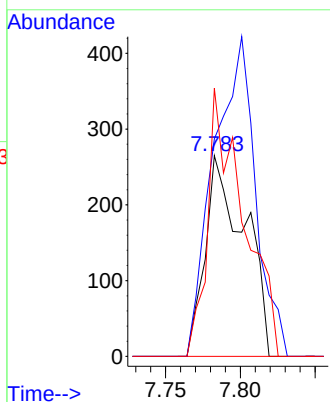


#31
Cyclohexane
Concen: 1.241 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

Instrument :
MSVOA_Y
ClientSampleId :

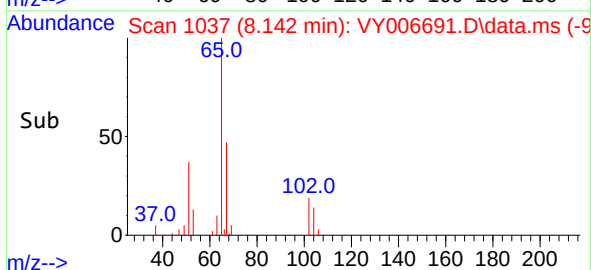
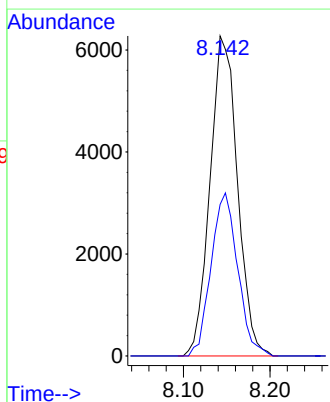
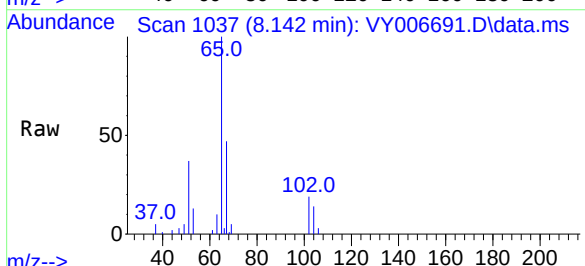


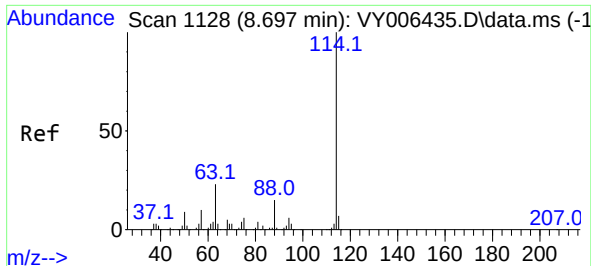
Tgt Ion: 56 Resp: 485
Ion Ratio Lower Upper
56 100
69 108.3 26.6 40.0#
84 133.6 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 57.164 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

Tgt Ion: 65 Resp: 13803
Ion Ratio Lower Upper
65 100
67 49.5 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006691.D

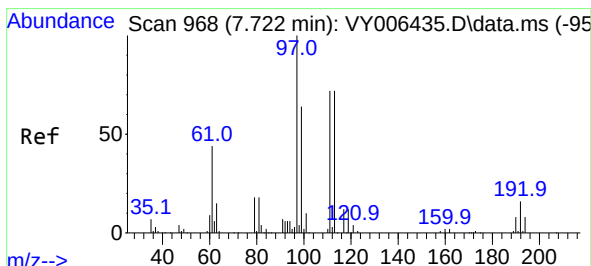
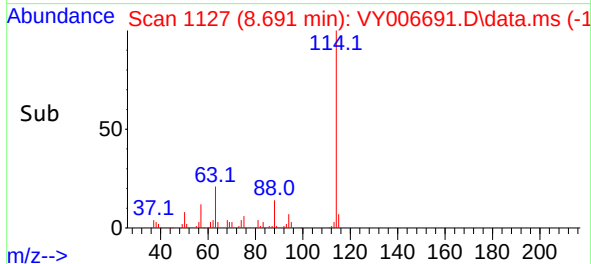
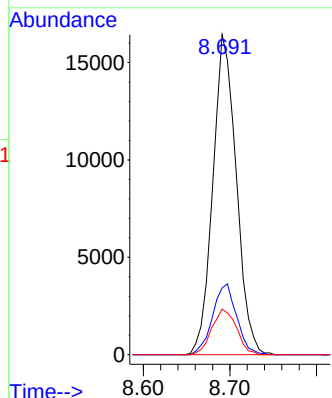
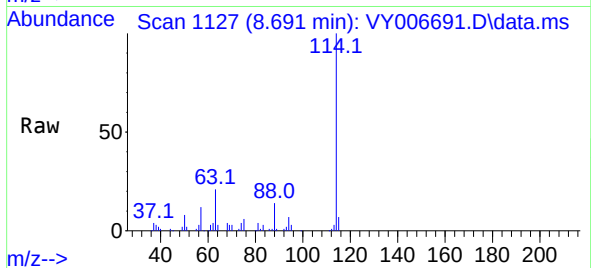
Acq: 08 Nov 2021 19:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	30914
Ion	Ratio	Lower Upper
114	100	
63	20.9	0.0 45.0
88	14.2	0.0 30.6



#35

Dibromofluoromethane

Concen: 53.306 ug/l

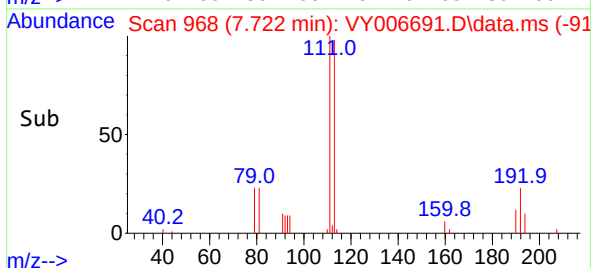
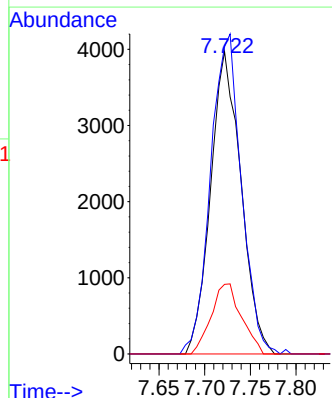
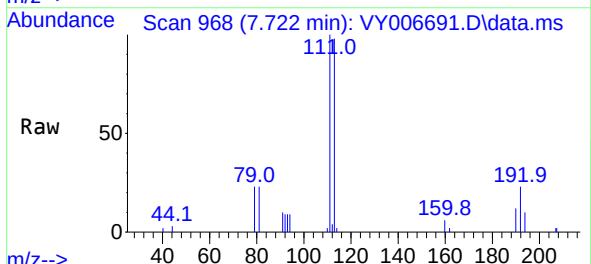
RT: 7.722 min Scan# 968

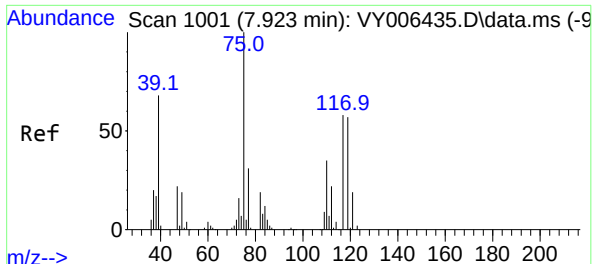
Delta R.T. -0.000 min

Lab File: VY006691.D

Acq: 08 Nov 2021 19:28

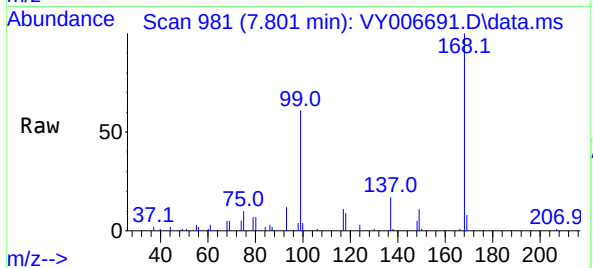
Tgt Ion:113	Resp:	9185
Ion	Ratio	Lower Upper
113	100	
111	107.2	82.3 123.5
192	23.0	17.4 26.2



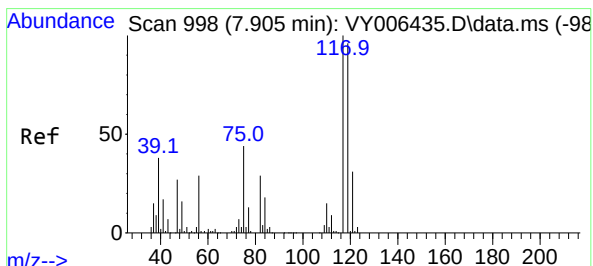
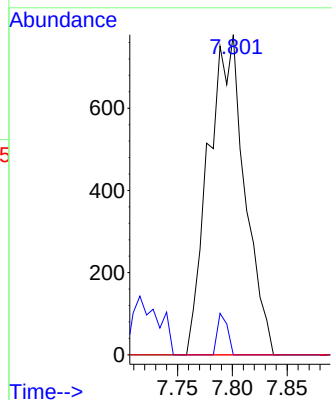
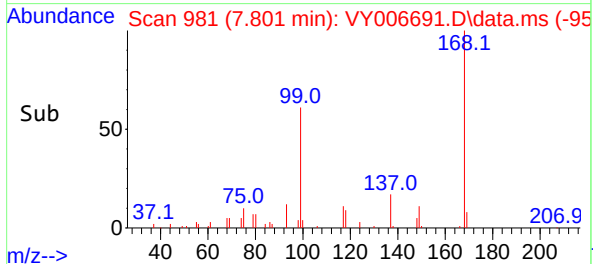


#36
1,1-Dichloropropene
Concen: 5.893 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

Instrument :
MSVOA_Y
ClientSampleId :

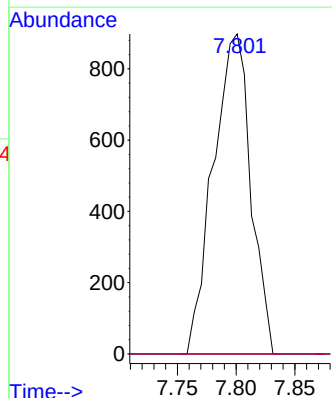
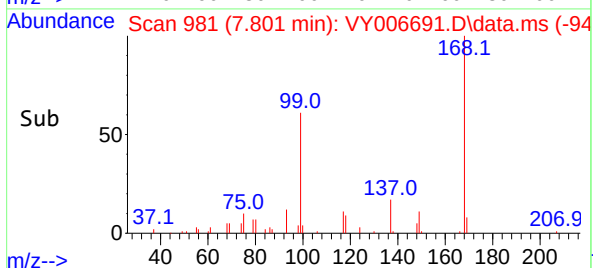
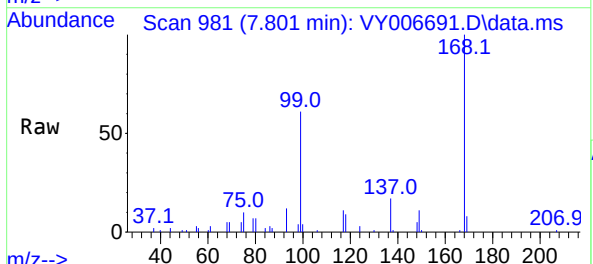


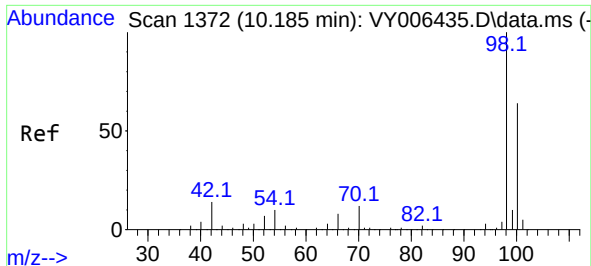
Tgt Ion: 75 Resp: 1800
Ion Ratio Lower Upper
75 100
110 3.6 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.923 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

Tgt Ion: 117 Resp: 1996
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#

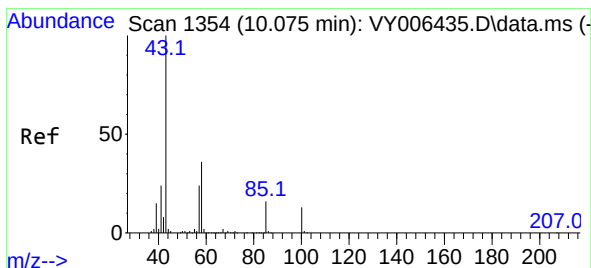
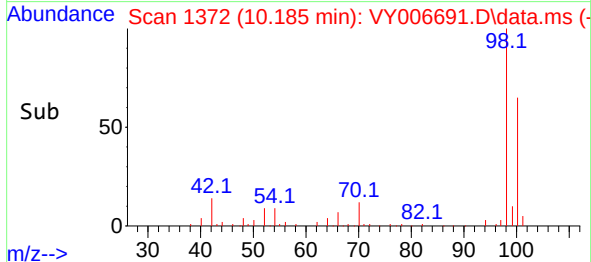
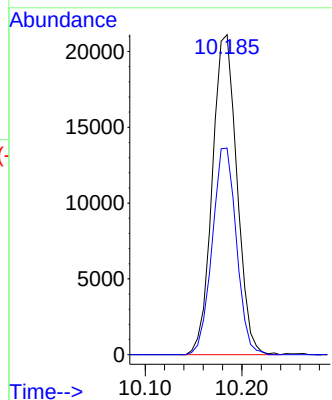
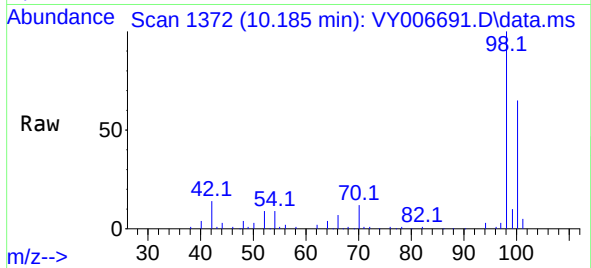




#50
Toluene-d8
Concen: 51.116 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

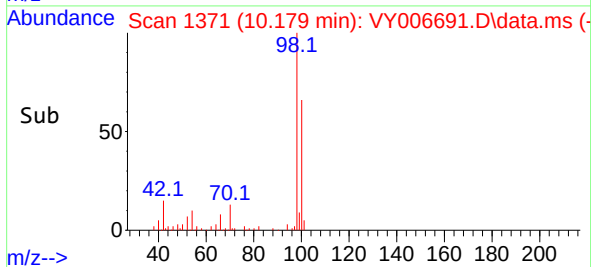
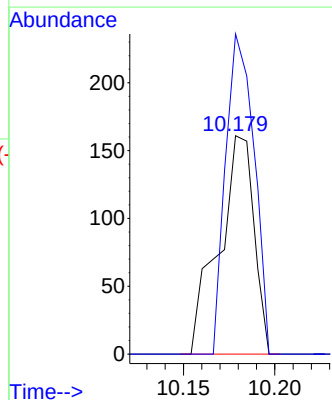
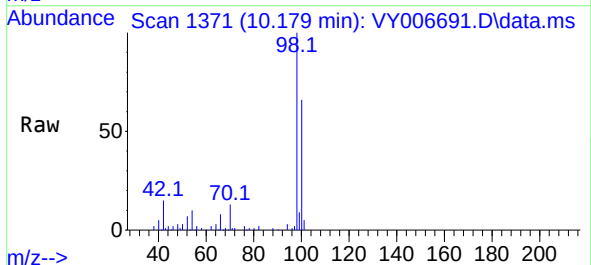
Instrument :
MSVOA_Y
ClientSampleId :

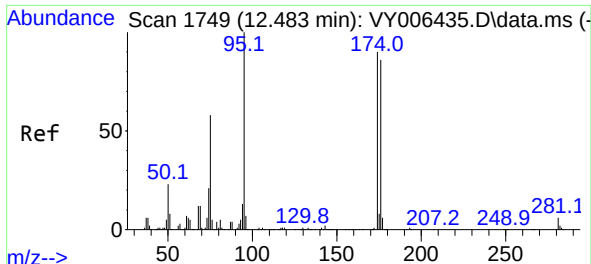
Tgt Ion: 98 Resp: 37337
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.099 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 118.5 28.7 43.1#

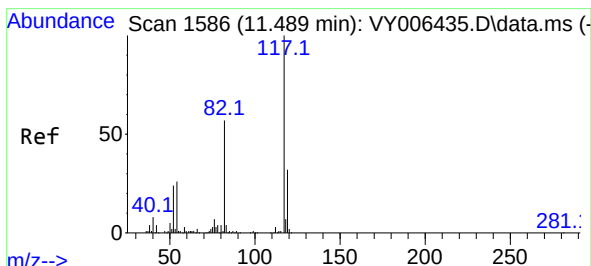
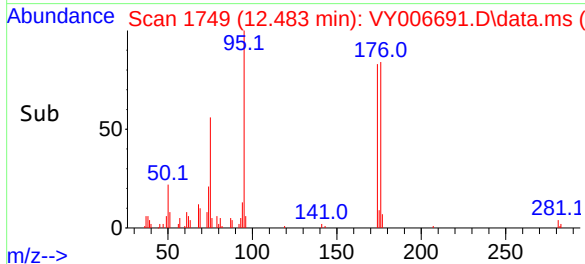
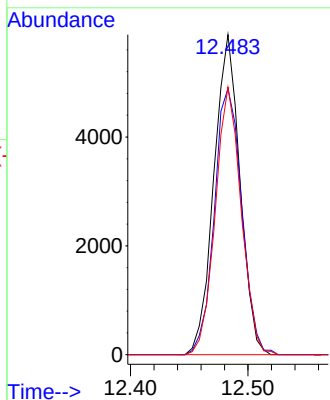
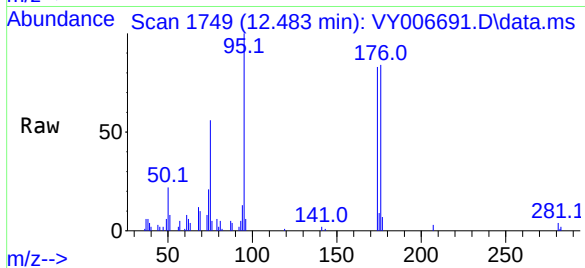




#62
4-Bromofluorobenzene
Concen: 36.740 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

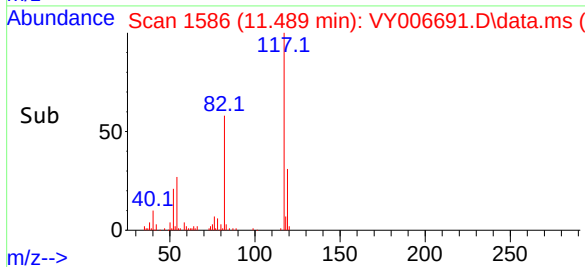
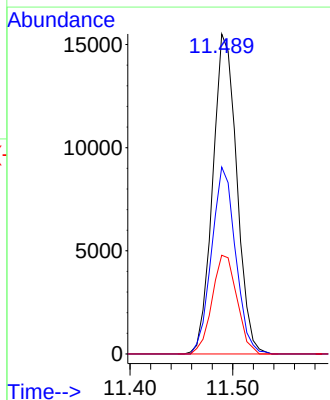
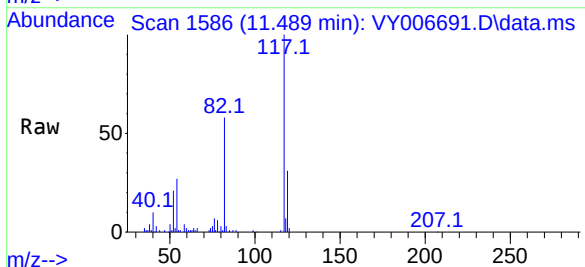
Instrument :
MSVOA_Y
ClientSampleId :

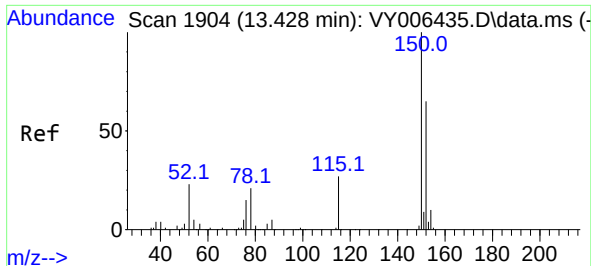
Tgt Ion: 95 Resp: 9040
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 83.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

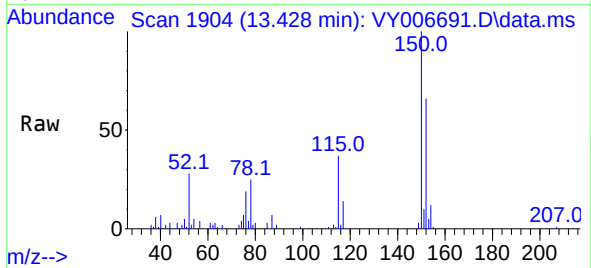
Tgt Ion: 117 Resp: 25151
Ion Ratio Lower Upper
117 100
82 58.4 45.7 68.5
119 30.8 25.5 38.3



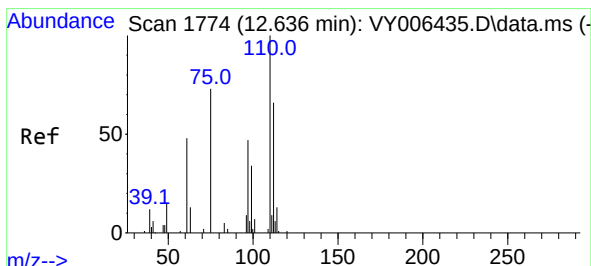
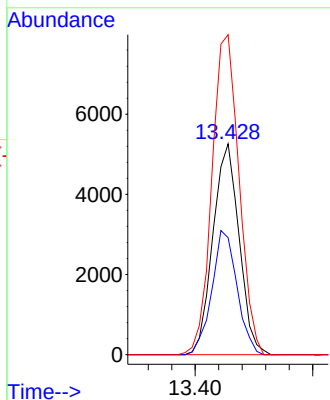
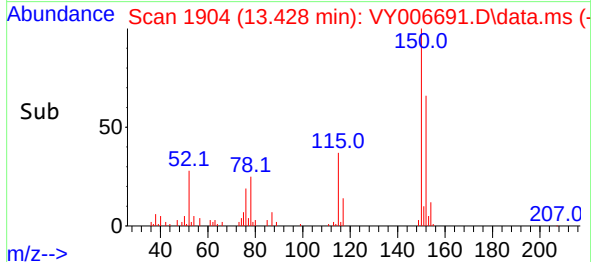


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28

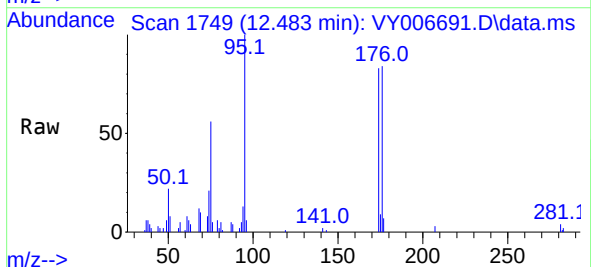
Instrument :
MSVOA_Y
ClientSampleId :



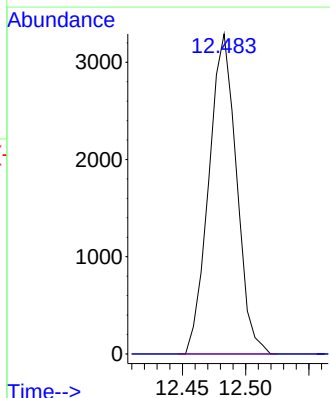
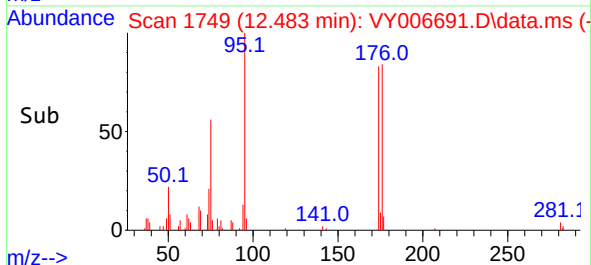
Tgt Ion:152 Resp: 8142
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.5
150 156.8 0.0 348.2

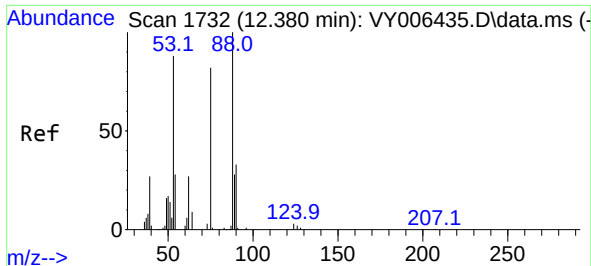


#76
1,2,3-Trichloropropane
Concen: 59.725 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006691.D
Acq: 08 Nov 2021 19:28



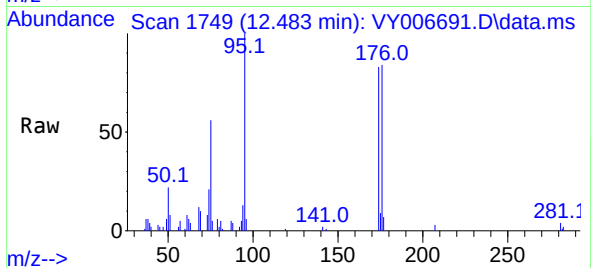
Tgt Ion: 75 Resp: 5011
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.613 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY006691.D
 Acq: 08 Nov 2021 19:28

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 5011
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.0 39.3 58.9#

