

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006677.D
 Acq On : 08 Nov 2021 13:58
 Operator : SY/MD
 Sample : M4498-01RE
 Misc : 4.86G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 13:03:54 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)

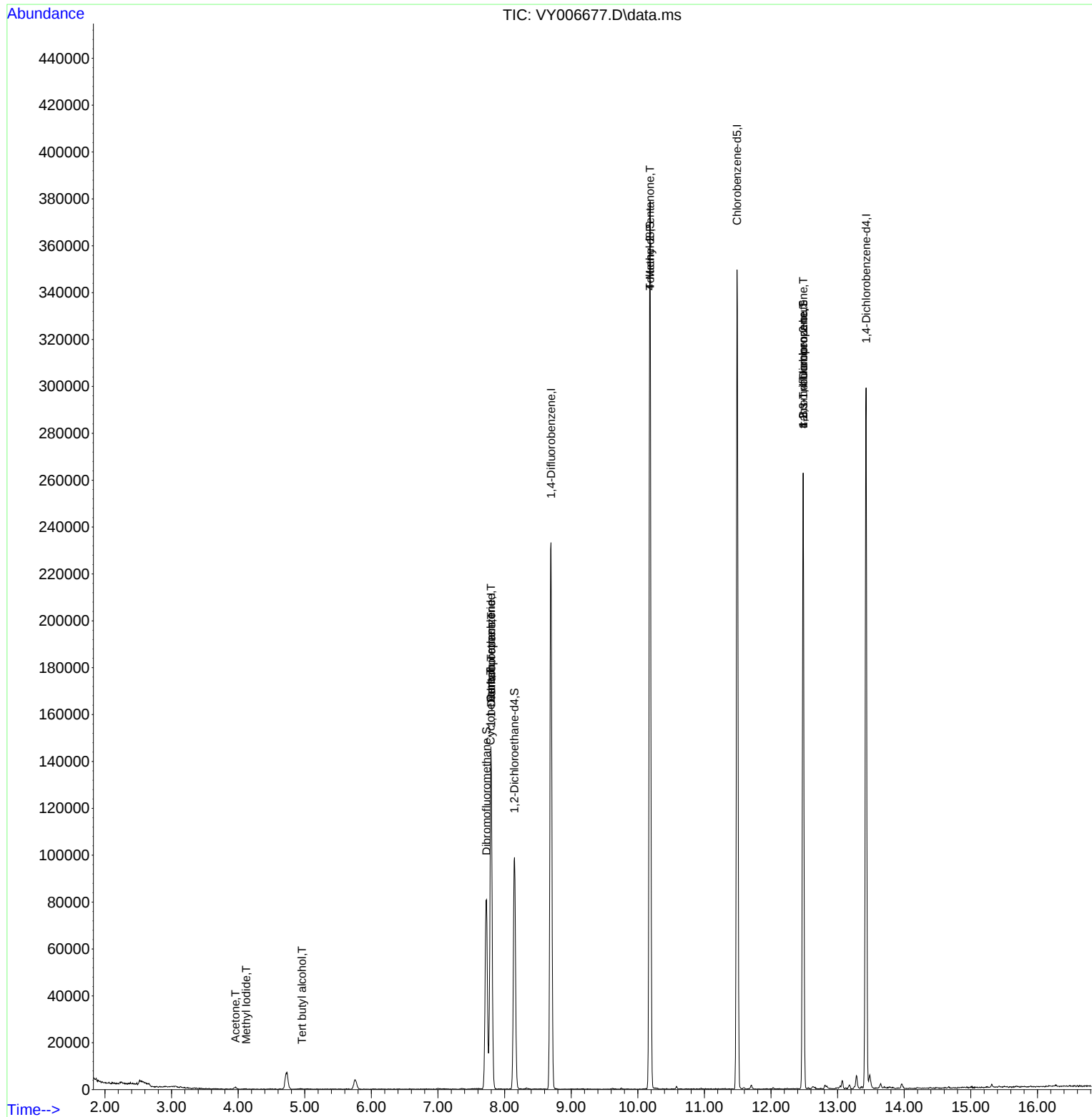
Internal Standards						
1) Pentafluorobenzene	7.795	168	106753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	183596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	171572	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82339	62.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.360%	
35) Dibromofluoromethane	7.728	113	55818	54.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.100%	
50) Toluene-d8	10.185	98	234659	54.094	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.180%	
62) 4-Bromofluorobenzene	12.483	95	72781	49.806	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.620%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.119	142	219	5.247	ug/l #	57
11) Tert butyl alcohol	4.960	59	141	1.181	ug/l #	72
16) Acetone	3.960	43	1435	3.794	ug/l	92
31) Cyclohexane	7.789	56	2793	1.313	ug/l #	48
36) 1,1-Dichloropropene	7.801	75	9168	5.054	ug/l #	49
38) Carbon Tetrachloride	7.795	117	10570	5.282	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1471	1.260	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	42070	57.223	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42070	117.477	ug/l #	7

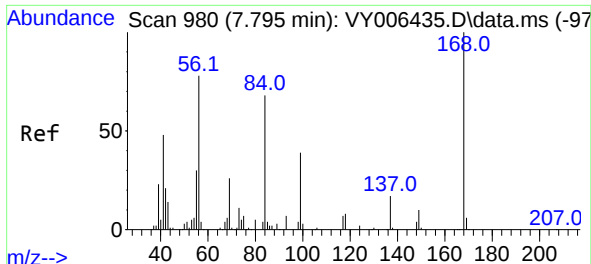
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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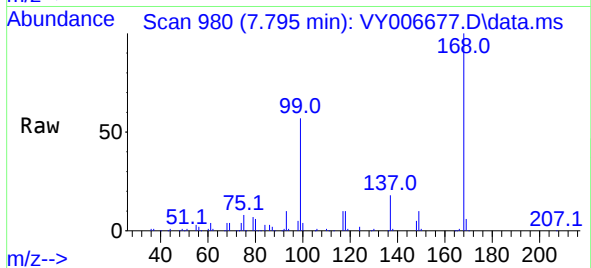
Quant Time: Nov 09 13:03:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration



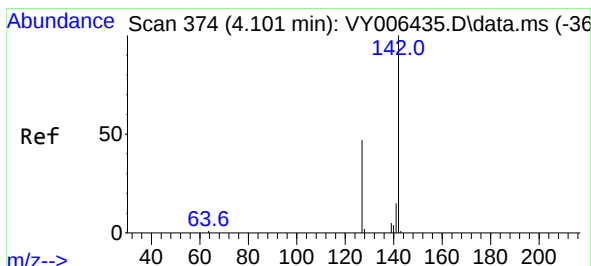
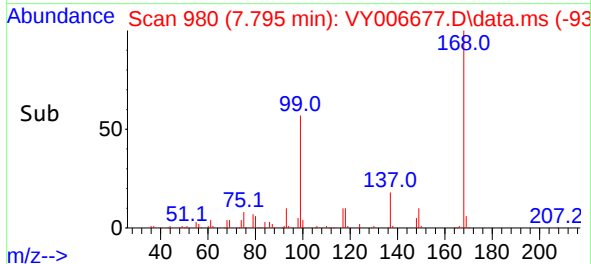
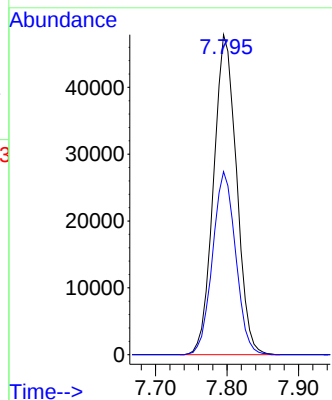


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58

Instrument :
MSVOA_Y
ClientSampleId :

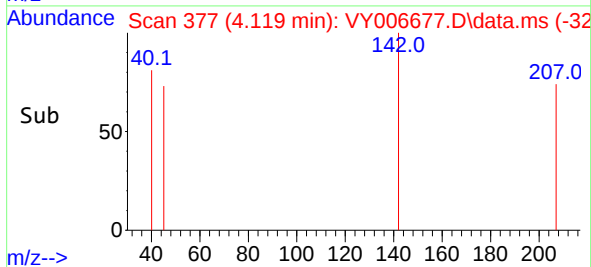
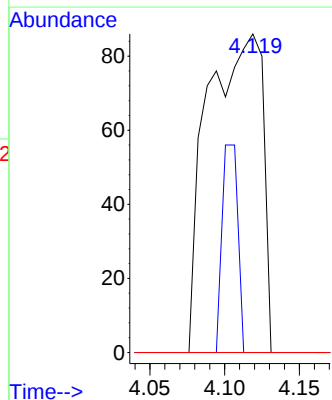
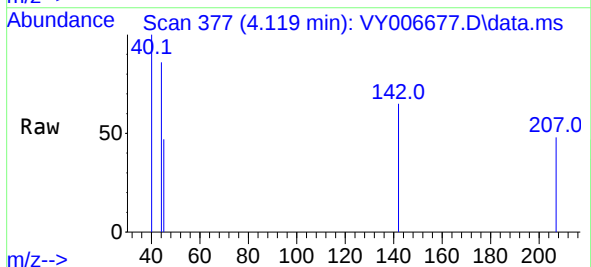


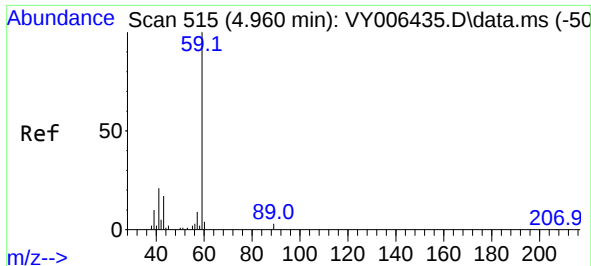
Tgt Ion:168 Resp: 106753
Ion Ratio Lower Upper
168 100
99 57.2 44.8 67.2



#10
Methyl Iodide
Concen: 5.247 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.018 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58

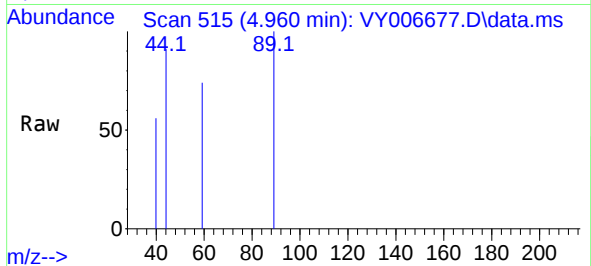
Tgt Ion:142 Resp: 219
Ion Ratio Lower Upper
142 100
127 18.7 40.1 60.1#
141 0.0 12.5 18.7#



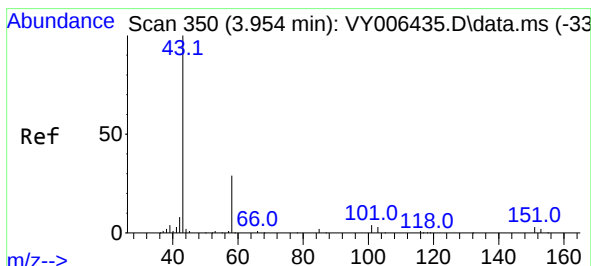
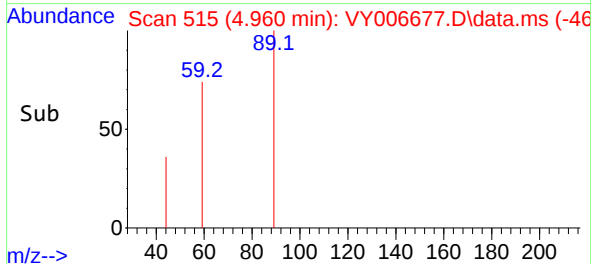
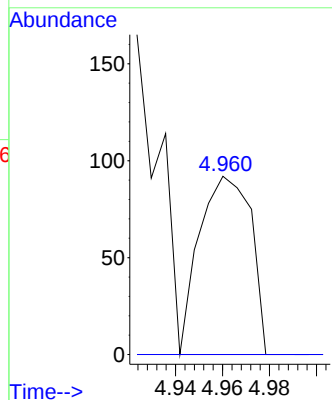


#11
Tert butyl alcohol
Concen: 1.181 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58

Instrument :
MSVOA_Y
ClientSampleId :

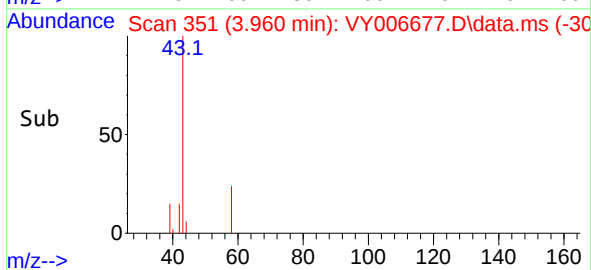
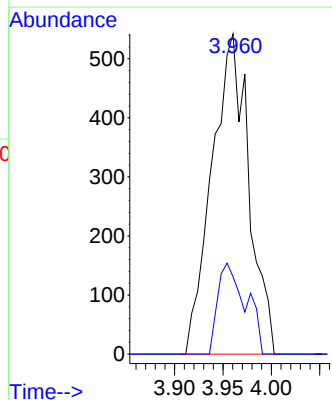
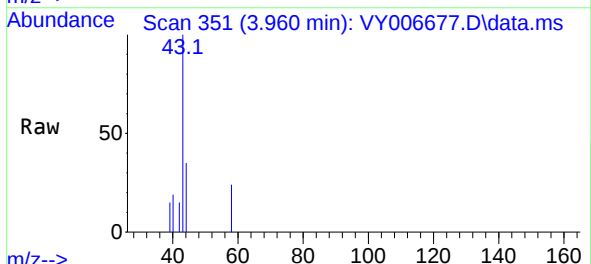


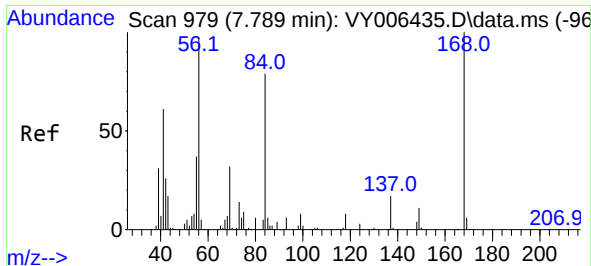
Tgt Ion: 59 Resp: 141
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 3.794 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58

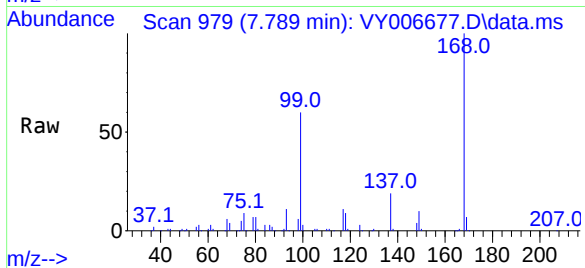
Tgt Ion: 43 Resp: 1435
Ion Ratio Lower Upper
43 100
58 24.2 22.9 34.3



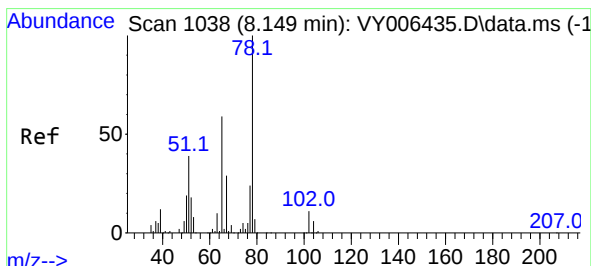
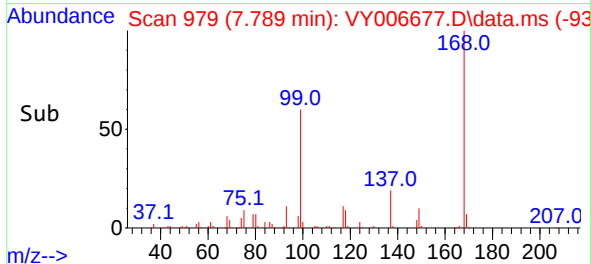
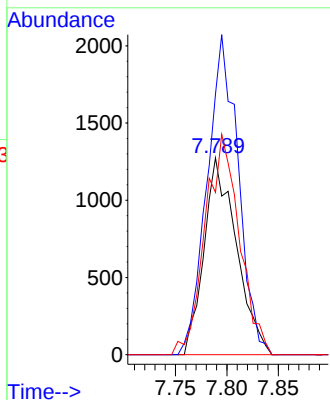


#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58

Instrument :
MSVOA_Y
ClientSampleId :

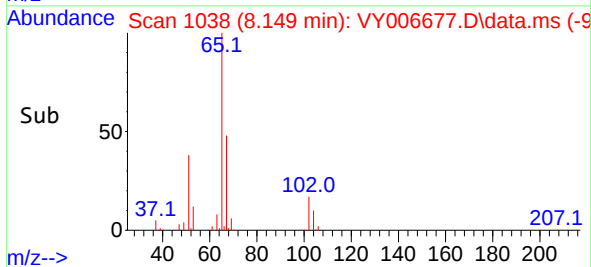
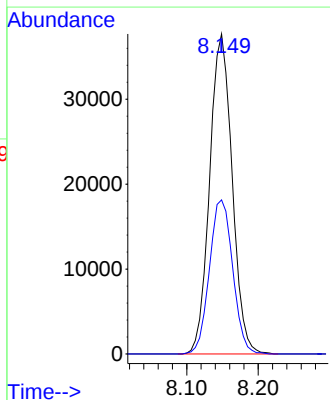
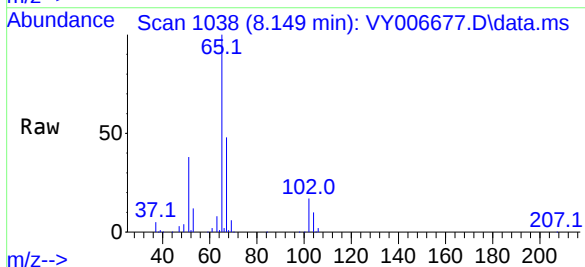


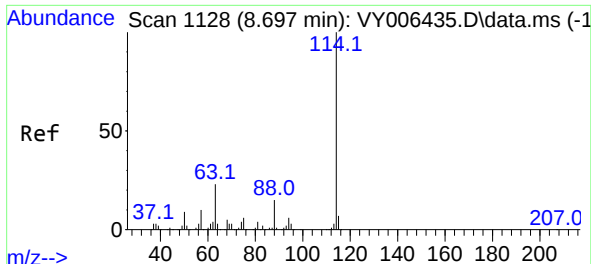
Tgt Ion: 56 Resp: 2793
Ion Ratio Lower Upper
56 100
69 132.4 26.6 40.0#
84 82.5 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 62.679 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58

Tgt Ion: 65 Resp: 82339
Ion Ratio Lower Upper
65 100
67 49.9 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY006677.D

Acq: 08 Nov 2021 13:58

Instrument :

MSVOA_Y

ClientSampleId :

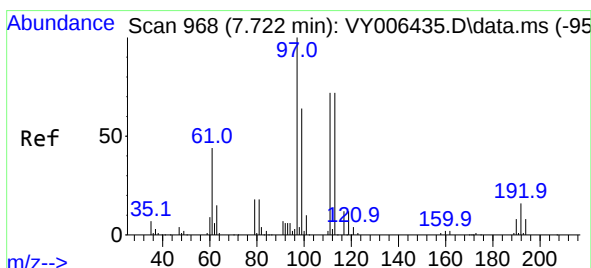
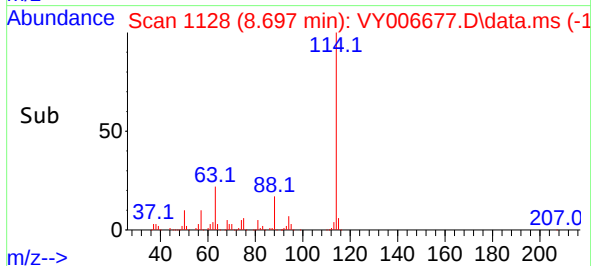
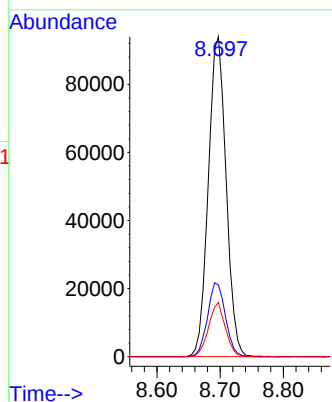
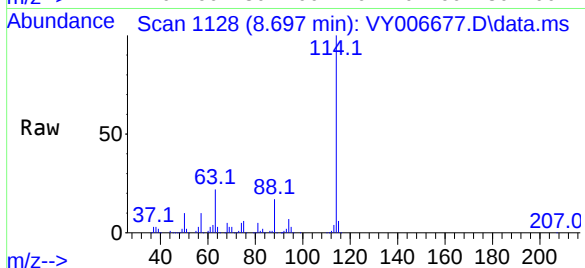
Tgt Ion:114 Resp: 183596

Ion Ratio Lower Upper

114 100

63 22.4 0.0 45.0

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.546 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006677.D

Acq: 08 Nov 2021 13:58

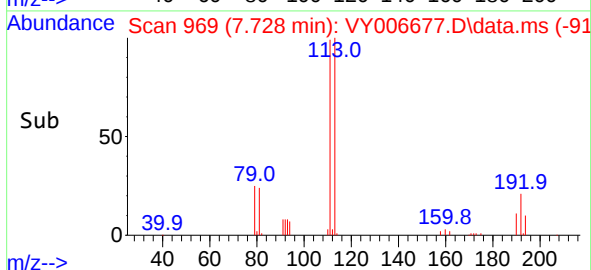
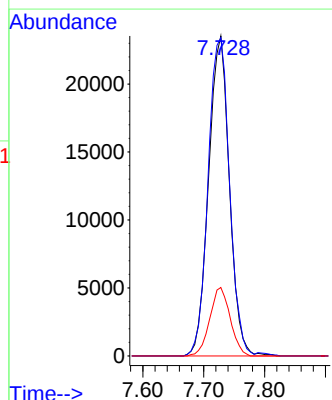
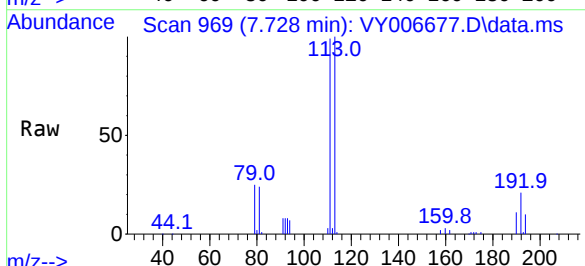
Tgt Ion:113 Resp: 55818

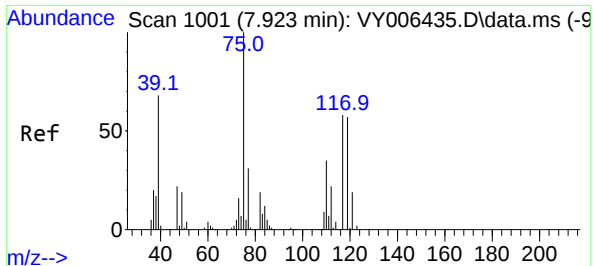
Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

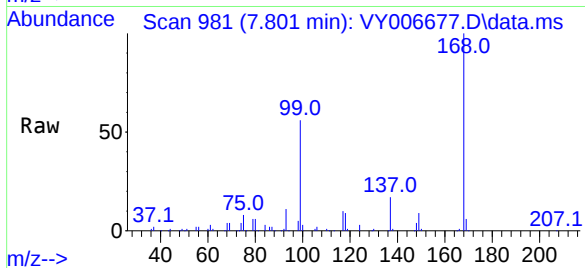
192 21.0 17.4 26.2



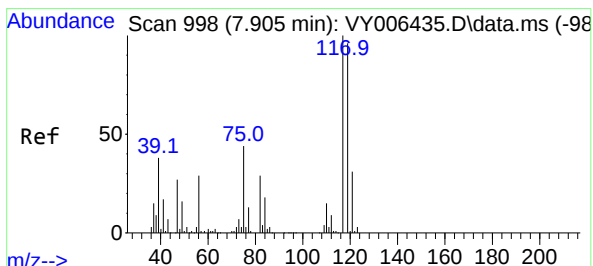
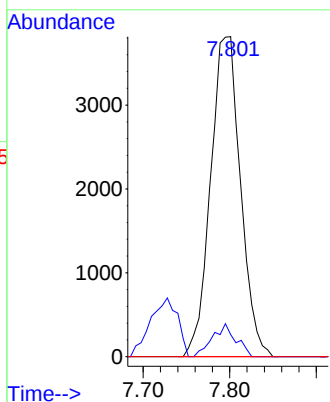
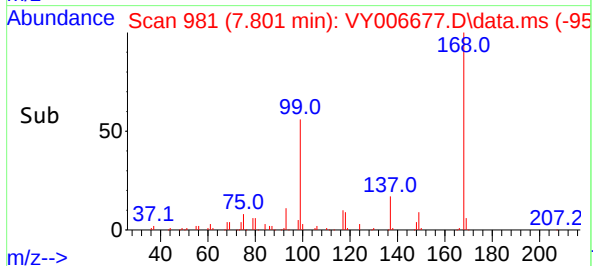


#36
1,1-Dichloropropene
Concen: 5.054 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58

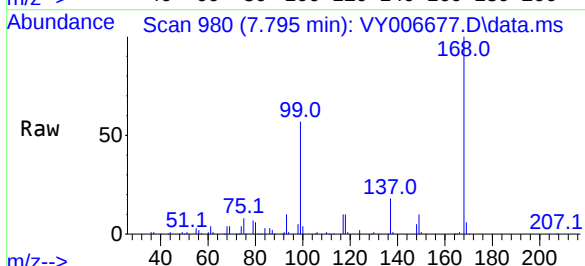
Instrument :
MSVOA_Y
ClientSampleId :



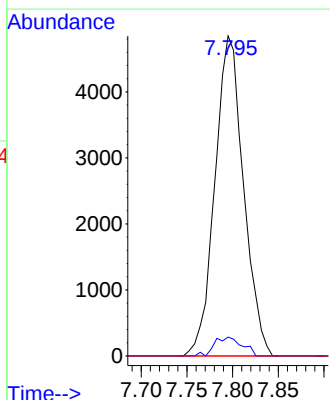
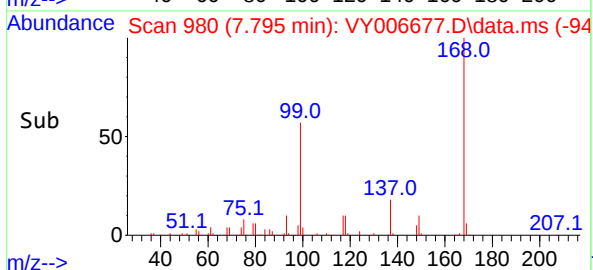
Tgt Ion: 75 Resp: 9168
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.3#
77 0.0 24.9 37.3#

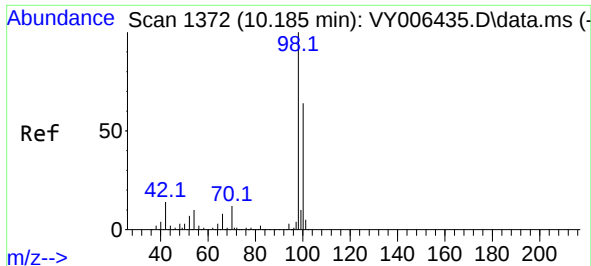


#38
Carbon Tetrachloride
Concen: 5.282 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58



Tgt Ion: 117 Resp: 10570
Ion Ratio Lower Upper
117 100
119 5.9 76.6 115.0#
121 0.0 24.7 37.1#

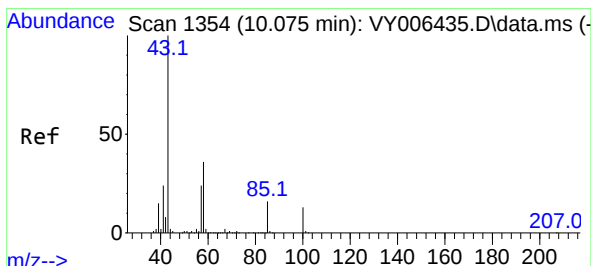
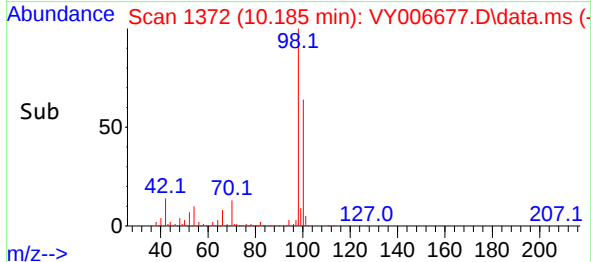
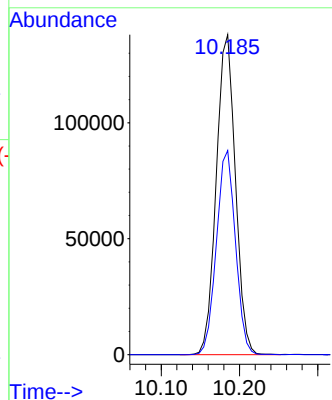
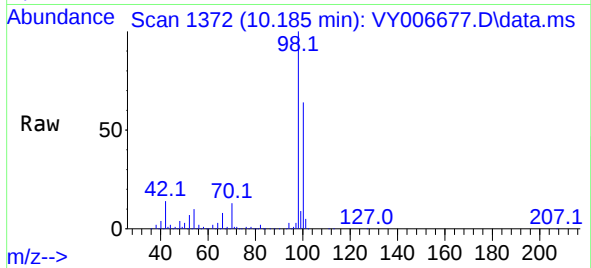




#50
Toluene-d8
Concen: 54.094 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58

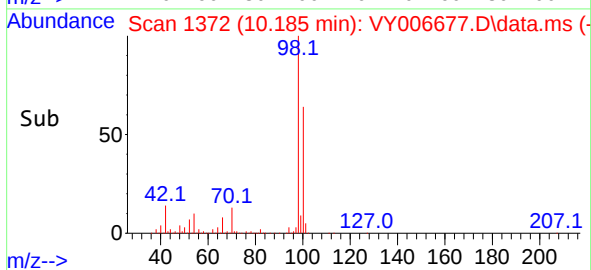
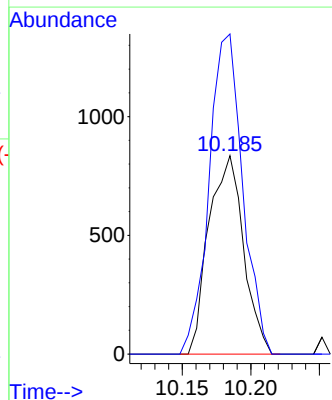
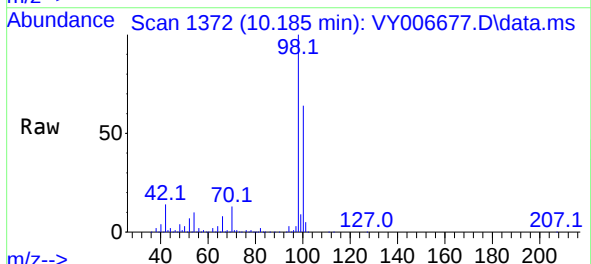
Instrument :
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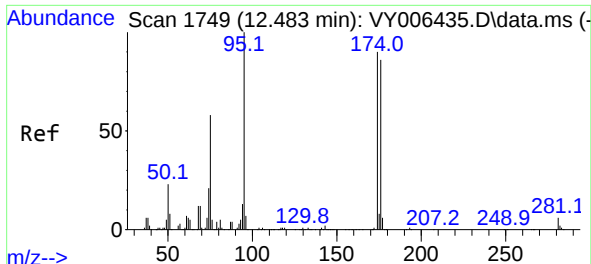
Tgt Ion: 98 Resp: 234659
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.260 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58

Tgt Ion: 43 Resp: 1471
Ion Ratio Lower Upper
43 100
58 156.2 28.7 43.1#

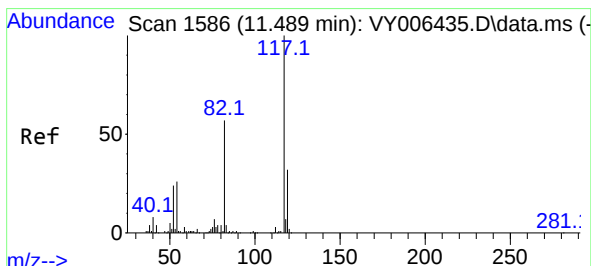
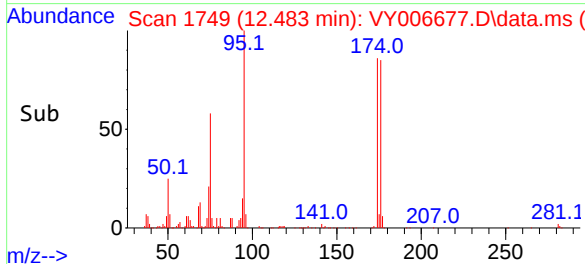
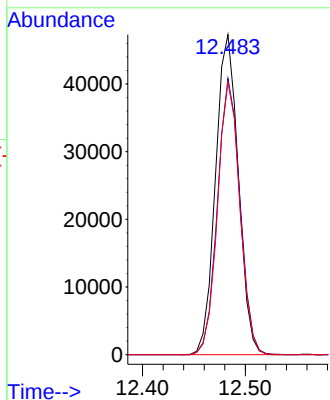
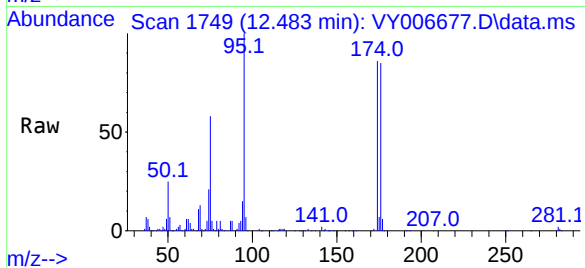




#62
4-Bromofluorobenzene
Concen: 49.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58

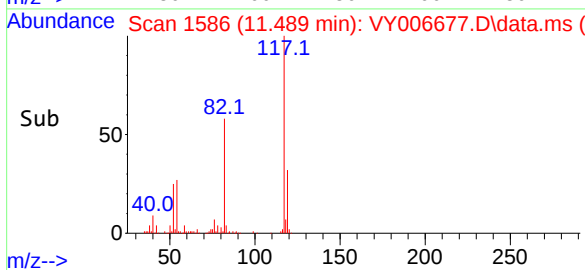
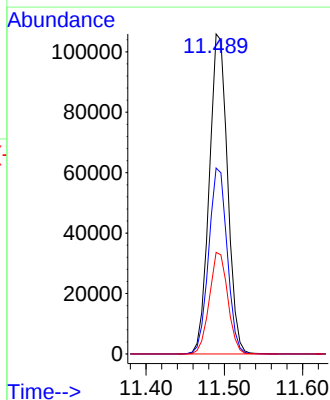
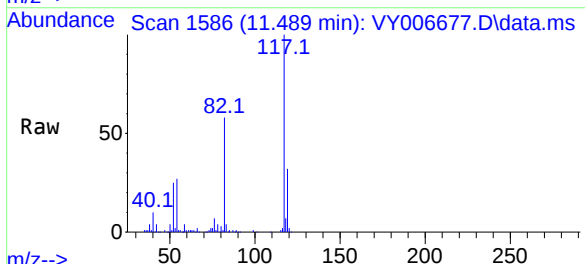
Instrument :
MSVOA_Y
ClientSampleId :

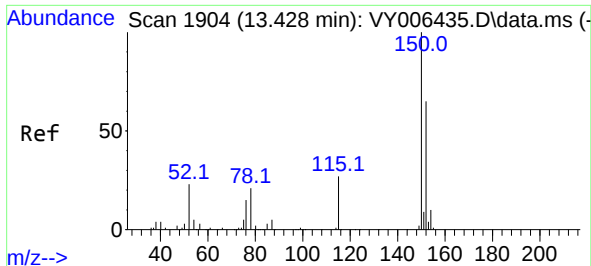
Tgt Ion: 95 Resp: 72781
Ion Ratio Lower Upper
95 100
174 85.1 0.0 177.0
176 83.1 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006677.D
Acq: 08 Nov 2021 13:58

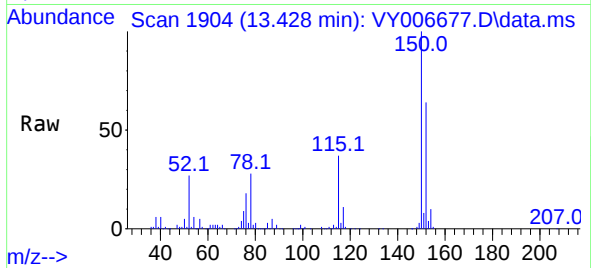
Tgt Ion: 117 Resp: 171572
Ion Ratio Lower Upper
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82 58.1 45.7 68.5
119 31.8 25.5 38.3



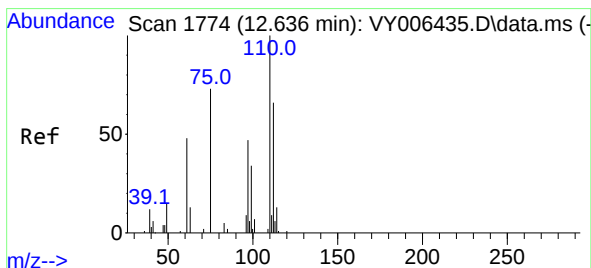
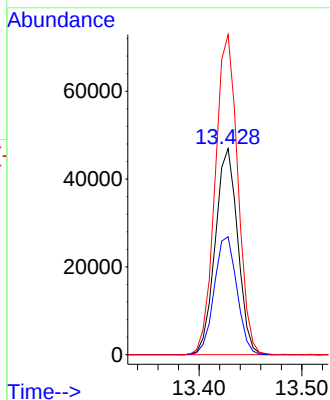
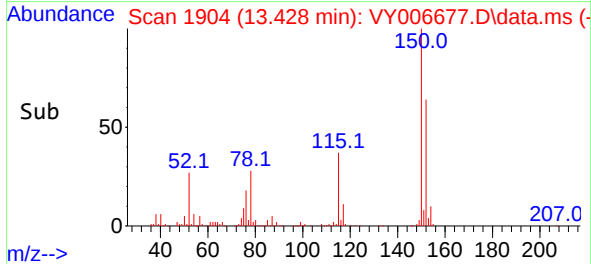


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006677.D
 Acq: 08 Nov 2021 13:58

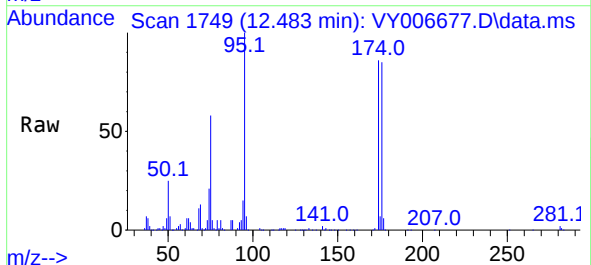
Instrument :
 MSVOA_Y
 ClientSampleId :



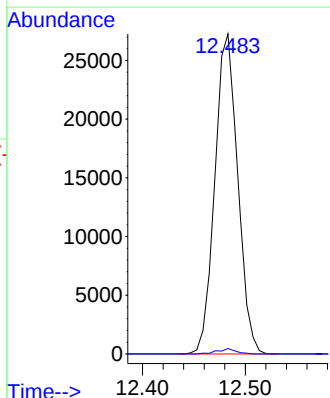
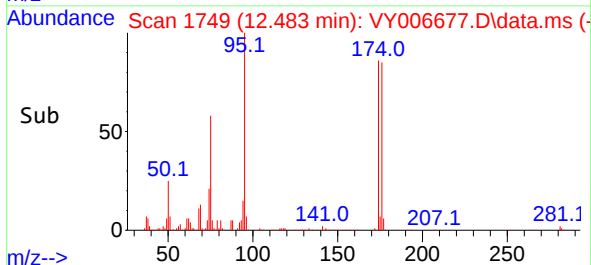
Tgt Ion:152 Resp: 71345
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.5 85.5
 150 156.0 0.0 348.2

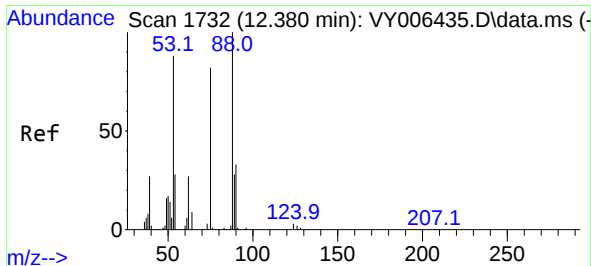


#76
 1,2,3-Trichloropropane
 Concen: 57.223 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006677.D
 Acq: 08 Nov 2021 13:58



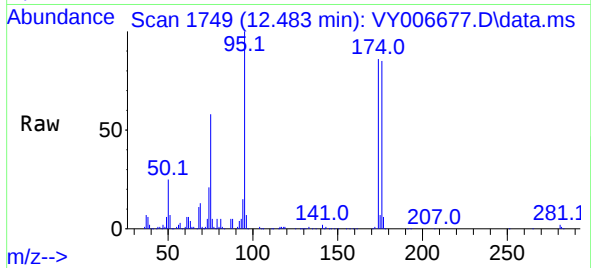
Tgt Ion: 75 Resp: 42070
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.477 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006677.D
 Acq: 08 Nov 2021 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 42070
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.8 128.6#
 89 0.1 39.3 58.9#

