

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110821\
 Data File : VY006692.D
 Acq On : 08 Nov 2021 19:52
 Operator : SY/MD
 Sample : M4540-11
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 13:08:21 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)

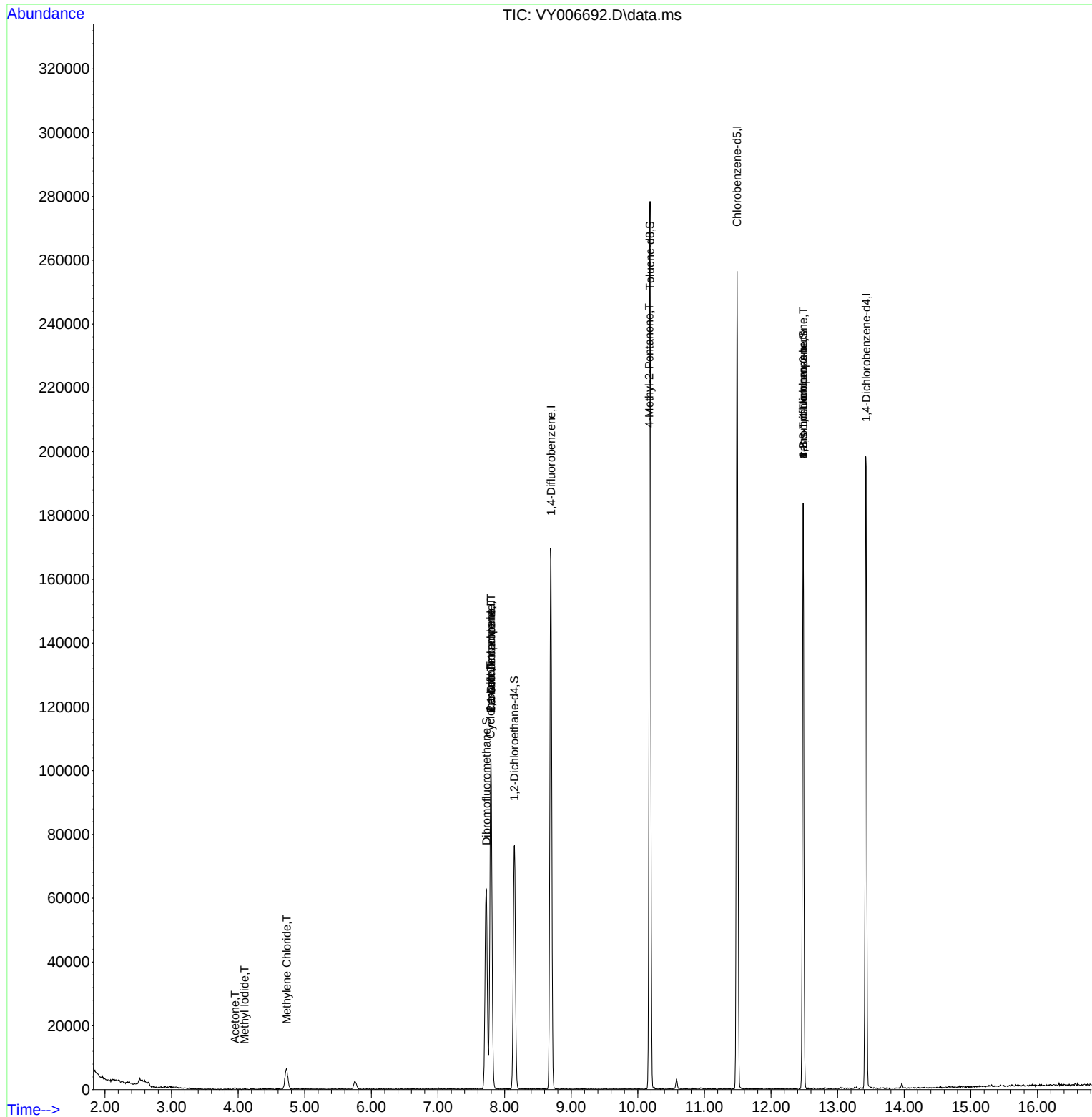
Internal Standards						
1) Pentafluorobenzene	7.795	168	77924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	134548	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	126016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	49391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63033	65.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.460%
35) Dibromofluoromethane	7.728	113	42867	57.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.320%
50) Toluene-d8	10.185	98	172613	54.297	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.600%
62) 4-Bromofluorobenzene	12.483	95	49402	46.131	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.260%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	81	5.155	ug/l #	81
16) Acetone	3.954	43	887	3.212	ug/l	95
20) Methylene Chloride	4.728	84	4599	1.454	ug/l #	83
31) Cyclohexane	7.789	56	2102	1.354	ug/l #	46
36) 1,1-Dichloropropene	7.795	75	6559	4.934	ug/l #	49
38) Carbon Tetrachloride	7.795	117	7892	5.381	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	1005	1.175	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	28757	56.501	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	28757	115.995	ug/l #	7

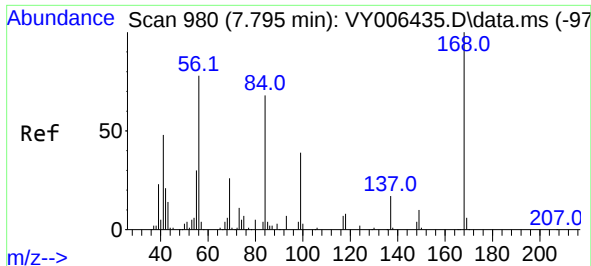
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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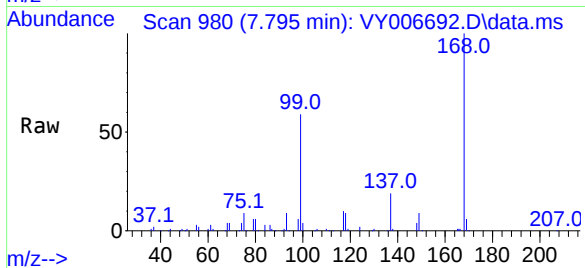
Quant Time: Nov 09 13:08:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
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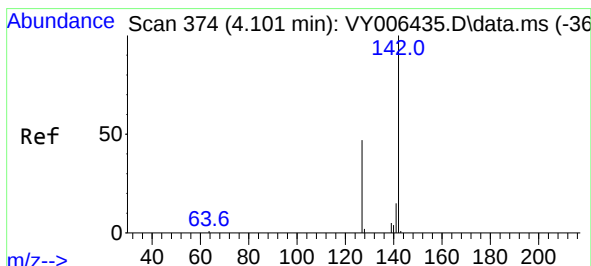
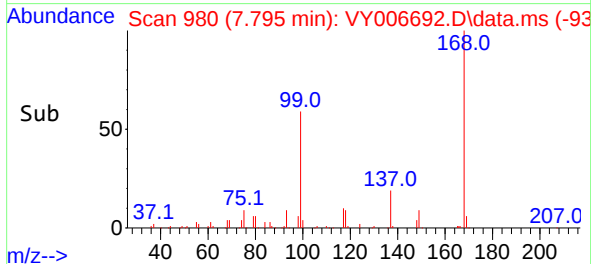
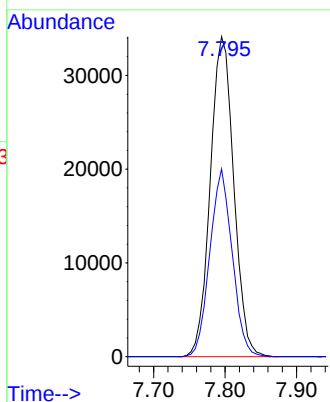


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52

Instrument :
MSVOA_Y
ClientSampleId :

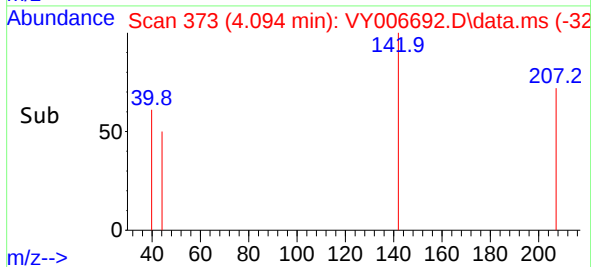
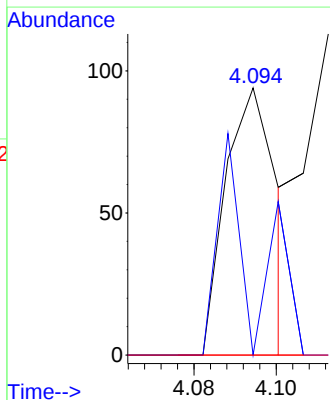
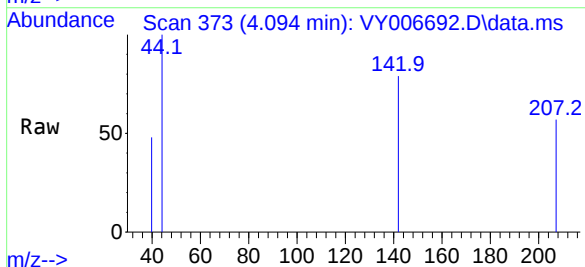


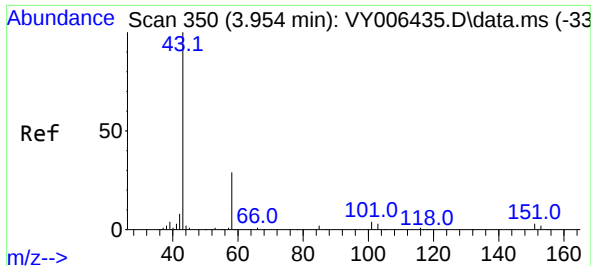
Tgt Ion:168 Resp: 77924
Ion Ratio Lower Upper
168 100
99 58.6 44.8 67.2



#10
Methyl Iodide
Concen: 5.155 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.007 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52

Tgt Ion:142 Resp: 81
Ion Ratio Lower Upper
142 100
127 59.3 40.1 60.1
141 0.0 12.5 18.7#

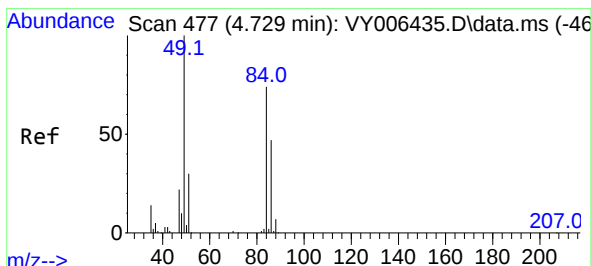
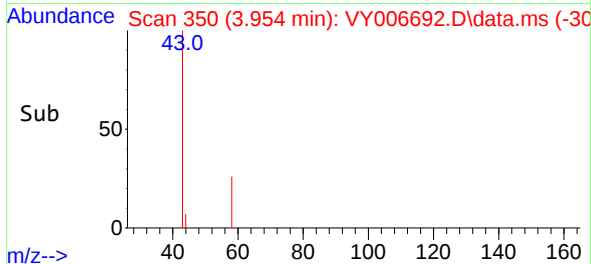
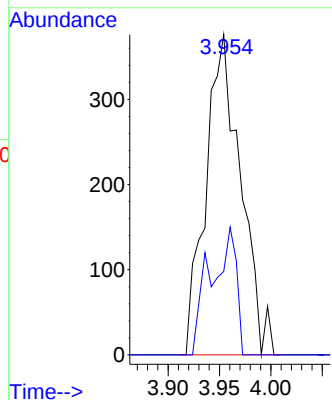
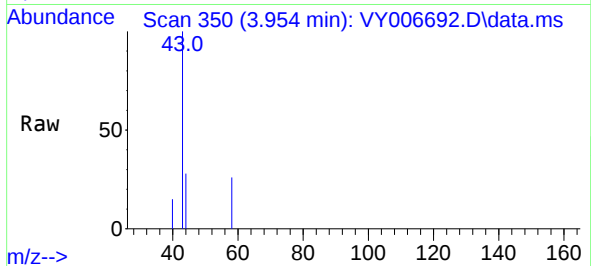




#16
Acetone
Concen: 3.212 ug/l
RT: 3.954 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52

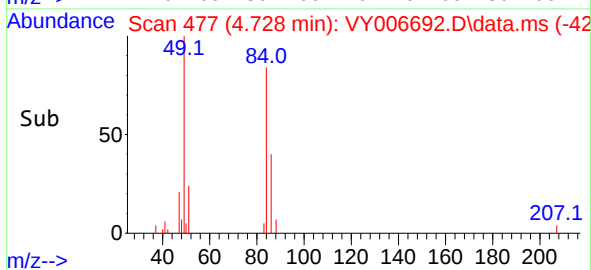
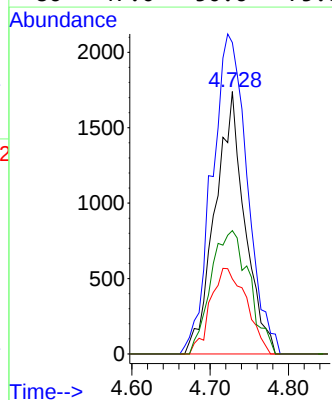
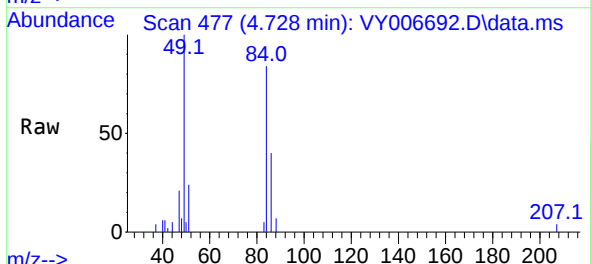
Instrument :
MSVOA_Y
ClientSampleId :

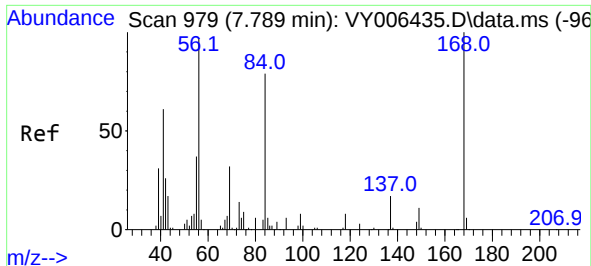
Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 26.1 22.9 34.3



#20
Methylene Chloride
Concen: 1.454 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52

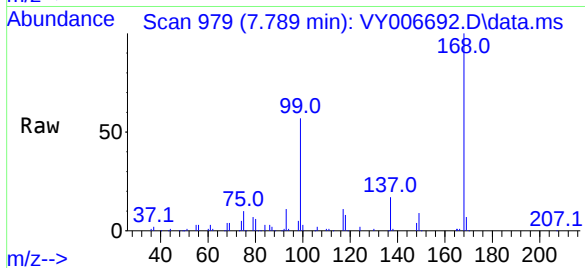
Tgt Ion: 84 Resp: 4599
Ion Ratio Lower Upper
84 100
49 118.7 107.8 161.8
51 28.6 32.8 49.2#
86 47.0 50.6 75.8#



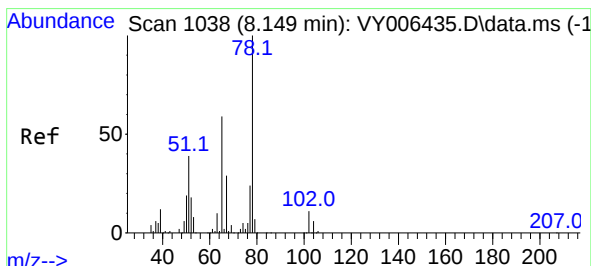
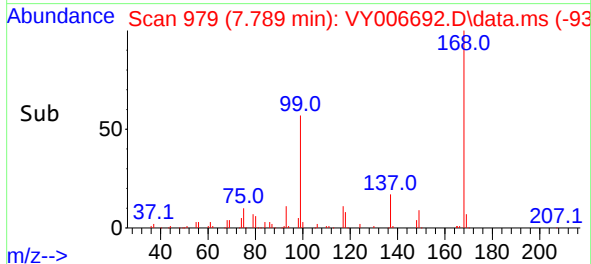
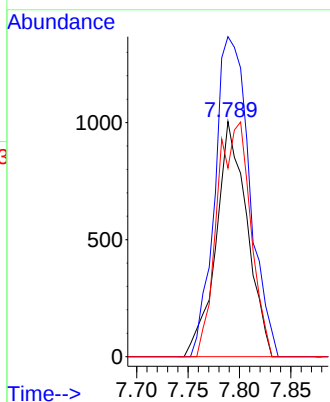


#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52

Instrument :
MSVOA_Y
ClientSampleId :

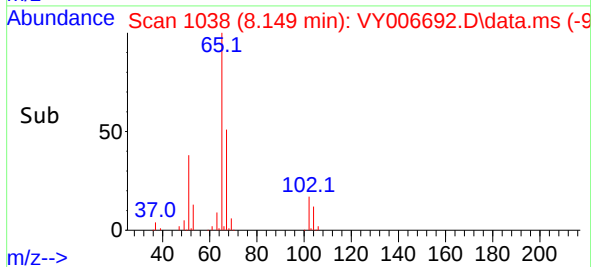
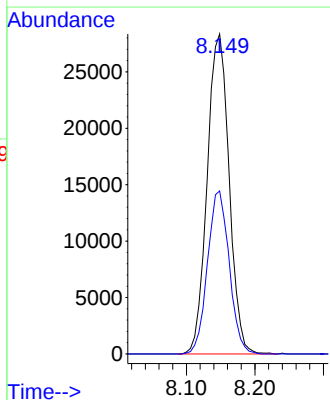
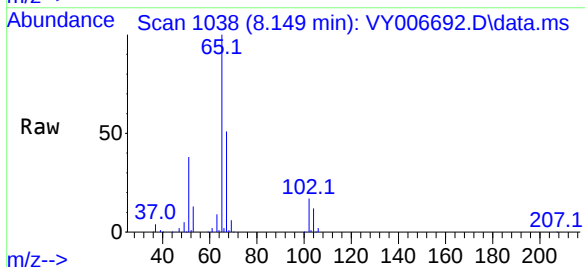


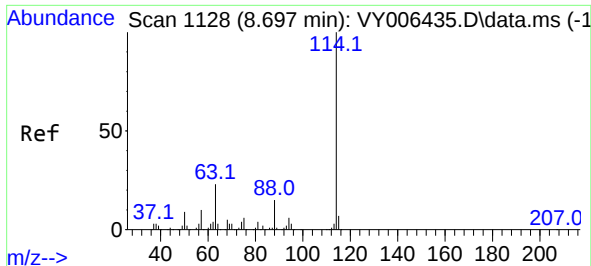
Tgt Ion: 56 Resp: 2102
Ion Ratio Lower Upper
56 100
69 136.0 26.6 40.0#
84 80.1 65.0 97.4



#33
1,2-Dichloroethane-d4
Concen: 65.734 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52

Tgt Ion: 65 Resp: 63033
Ion Ratio Lower Upper
65 100
67 50.4 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006692.D

Acq: 08 Nov 2021 19:52

Instrument :

MSVOA_Y

ClientSampleId :

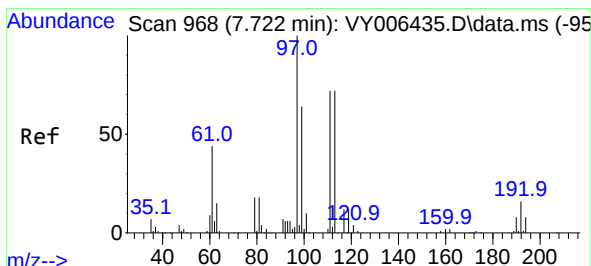
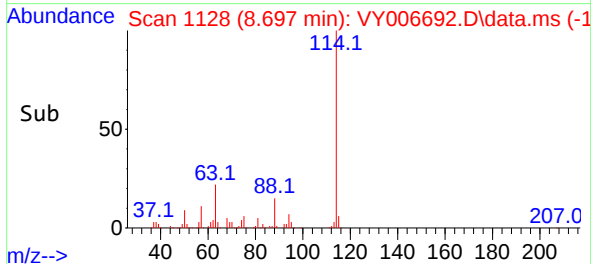
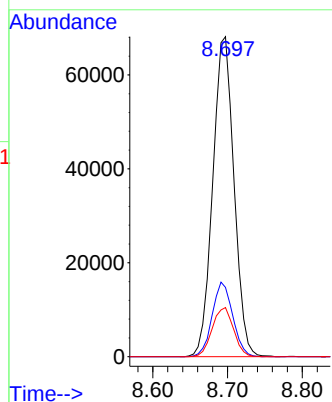
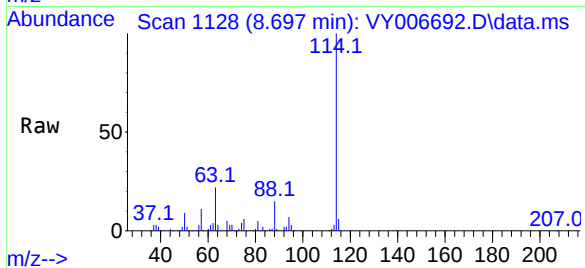
Tgt Ion:114 Resp: 134548

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.0

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.161 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006692.D

Acq: 08 Nov 2021 19:52

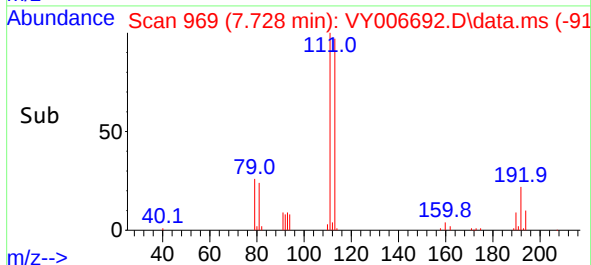
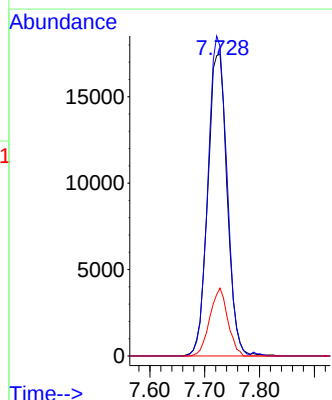
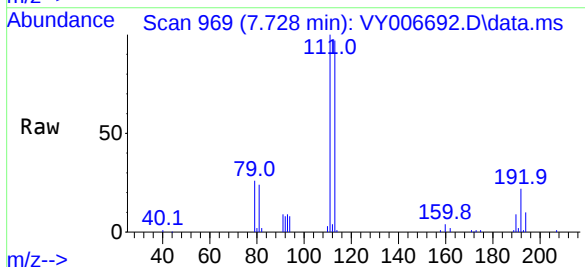
Tgt Ion:113 Resp: 42867

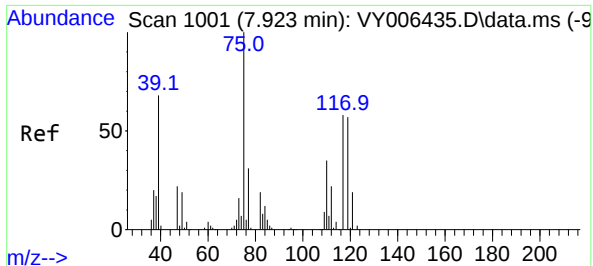
Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

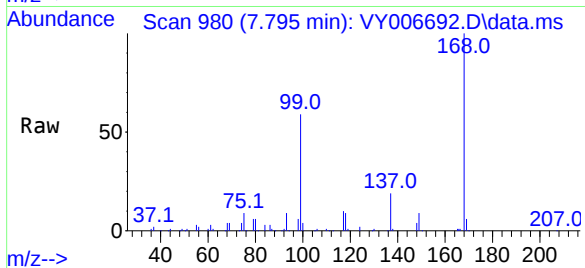
192 20.8 17.4 26.2



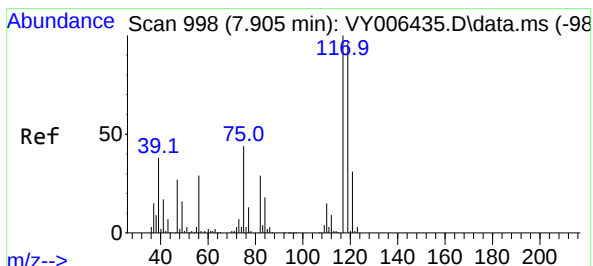
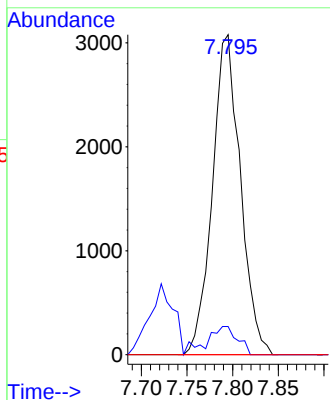
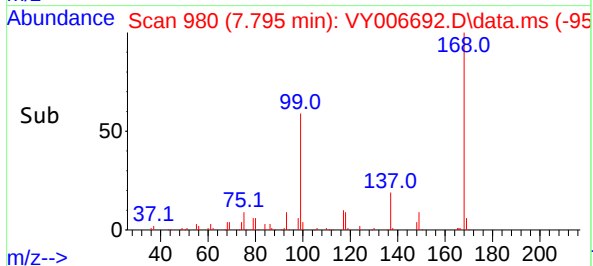


#36
1,1-Dichloropropene
Concen: 4.934 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52

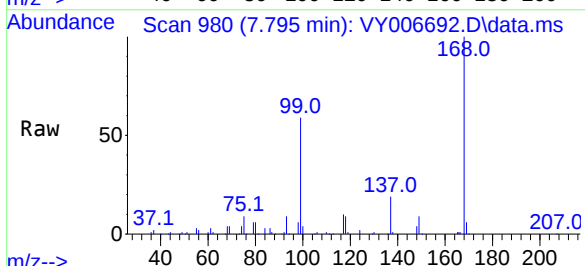
Instrument :
MSVOA_Y
ClientSampleId :



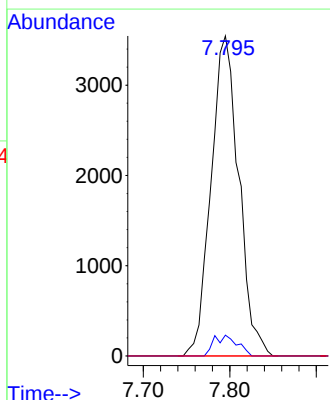
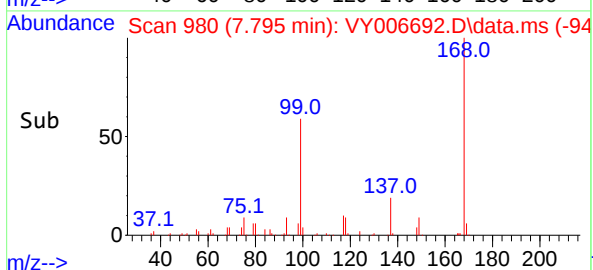
Tgt Ion: 75 Resp: 6559
Ion Ratio Lower Upper
75 100
110 7.8 17.1 51.3#
77 0.0 24.9 37.3#

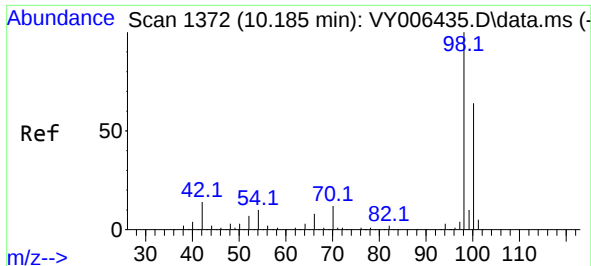


#38
Carbon Tetrachloride
Concen: 5.381 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52



Tgt Ion: 117 Resp: 7892
Ion Ratio Lower Upper
117 100
119 6.5 76.6 115.0#
121 0.0 24.7 37.1#

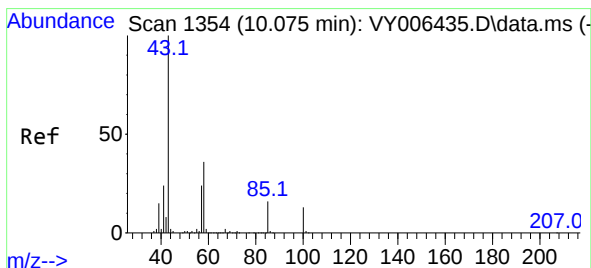
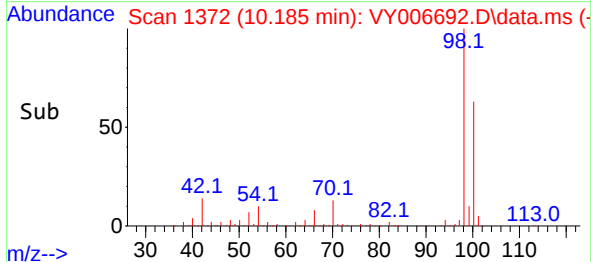
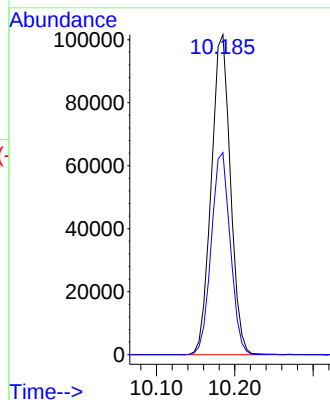
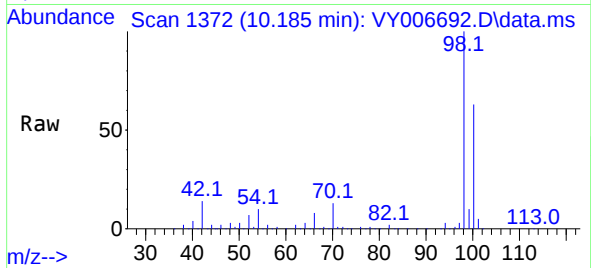




#50
Toluene-d8
Concen: 54.297 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52

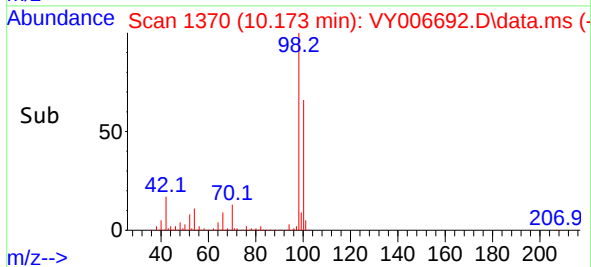
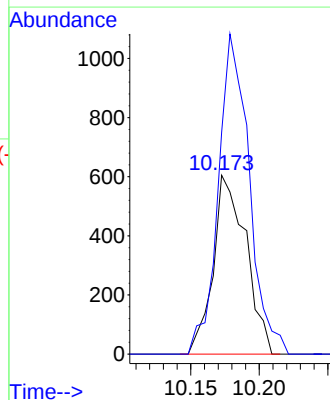
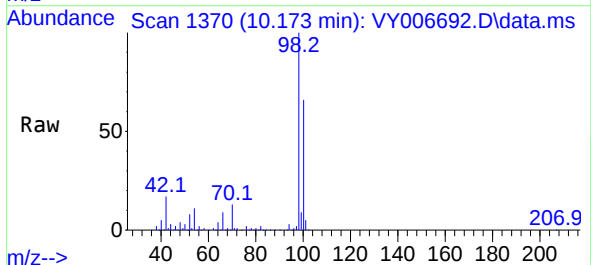
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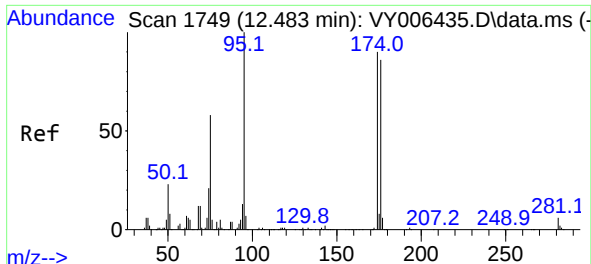
Tgt Ion: 98 Resp: 172613
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.175 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.097 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52

Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 169.0 28.7 43.1#

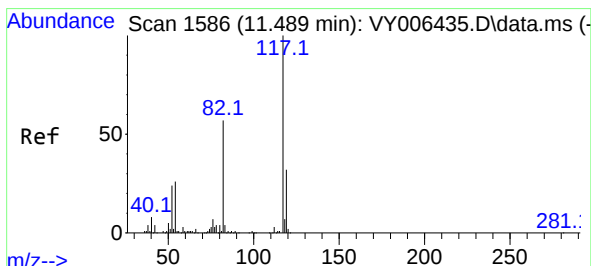
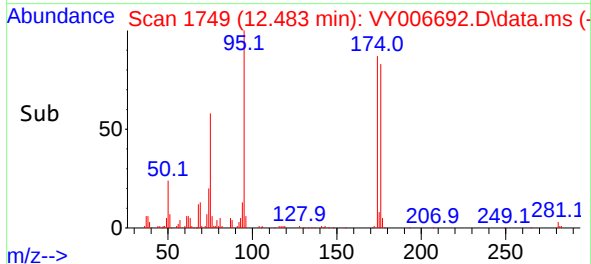
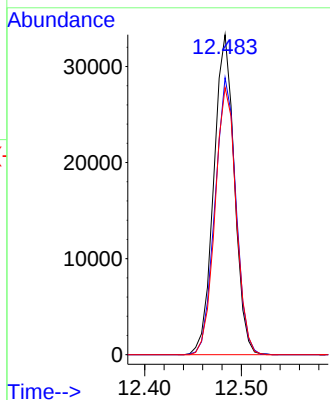
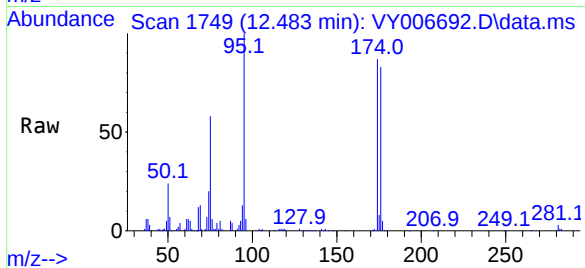




#62
4-Bromofluorobenzene
Concen: 46.131 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52

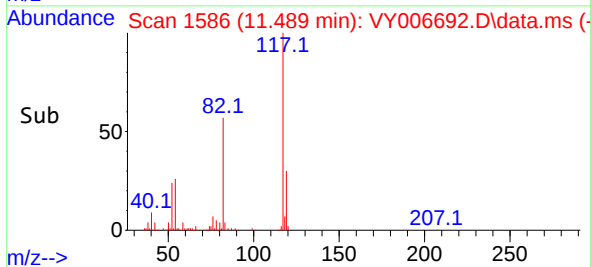
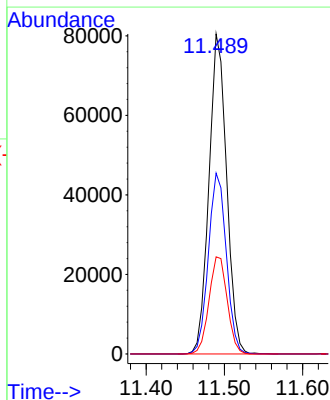
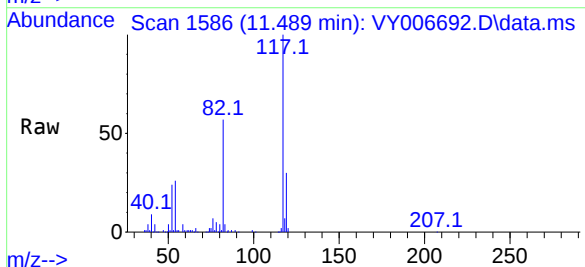
Instrument :
MSVOA_Y
ClientSampleId :

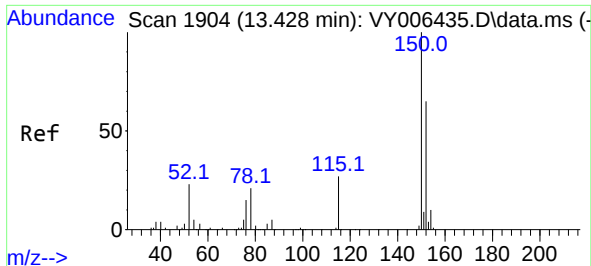
Tgt Ion: 95 Resp: 49402
Ion Ratio Lower Upper
95 100
174 88.0 0.0 177.0
176 85.3 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006692.D
Acq: 08 Nov 2021 19:52

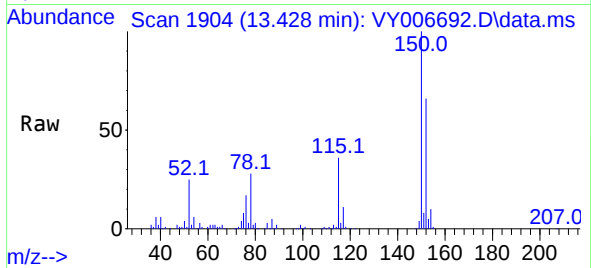
Tgt Ion: 117 Resp: 126016
Ion Ratio Lower Upper
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82 56.5 45.7 68.5
119 30.3 25.5 38.3



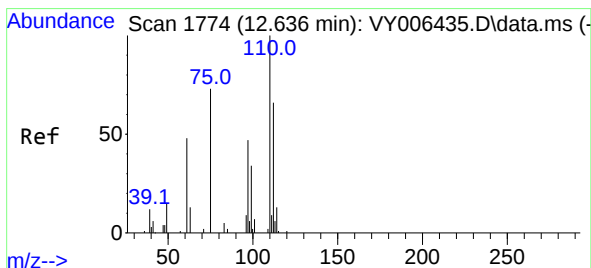
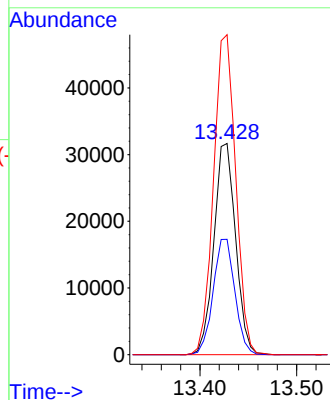
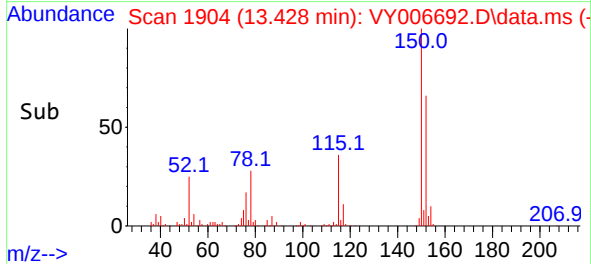


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006692.D
 Acq: 08 Nov 2021 19:52

Instrument :
 MSVOA_Y
 ClientSampleId :

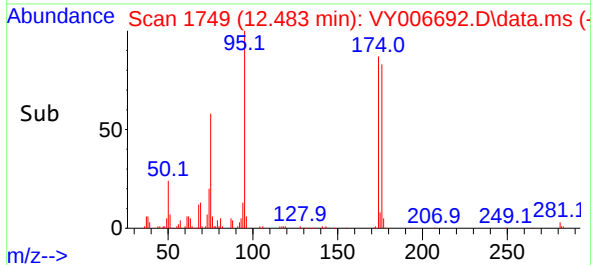
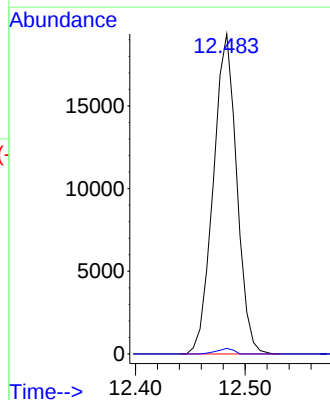
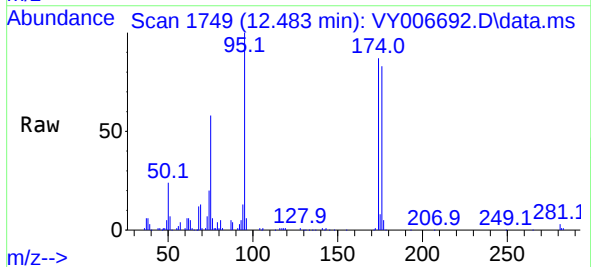


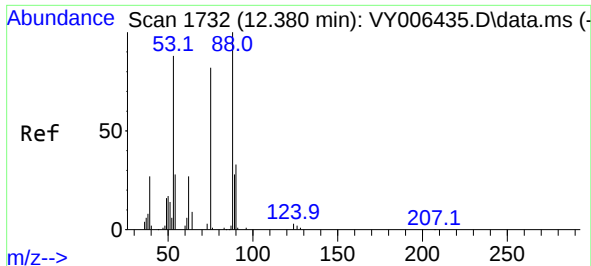
Tgt Ion:152 Resp: 49391
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.5 85.5
 150 154.5 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 56.501 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006692.D
 Acq: 08 Nov 2021 19:52

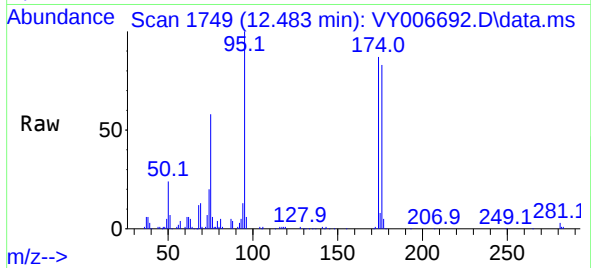
Tgt Ion: 75 Resp: 28757
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.995 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006692.D
 Acq: 08 Nov 2021 19:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 28757
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.0 39.3 58.9#

