

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110521\
 Data File : VY006663.D
 Acq On : 05 Nov 2021 17:54
 Operator : SY/MD
 Sample : M4477-08
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 06 20:41:49 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)

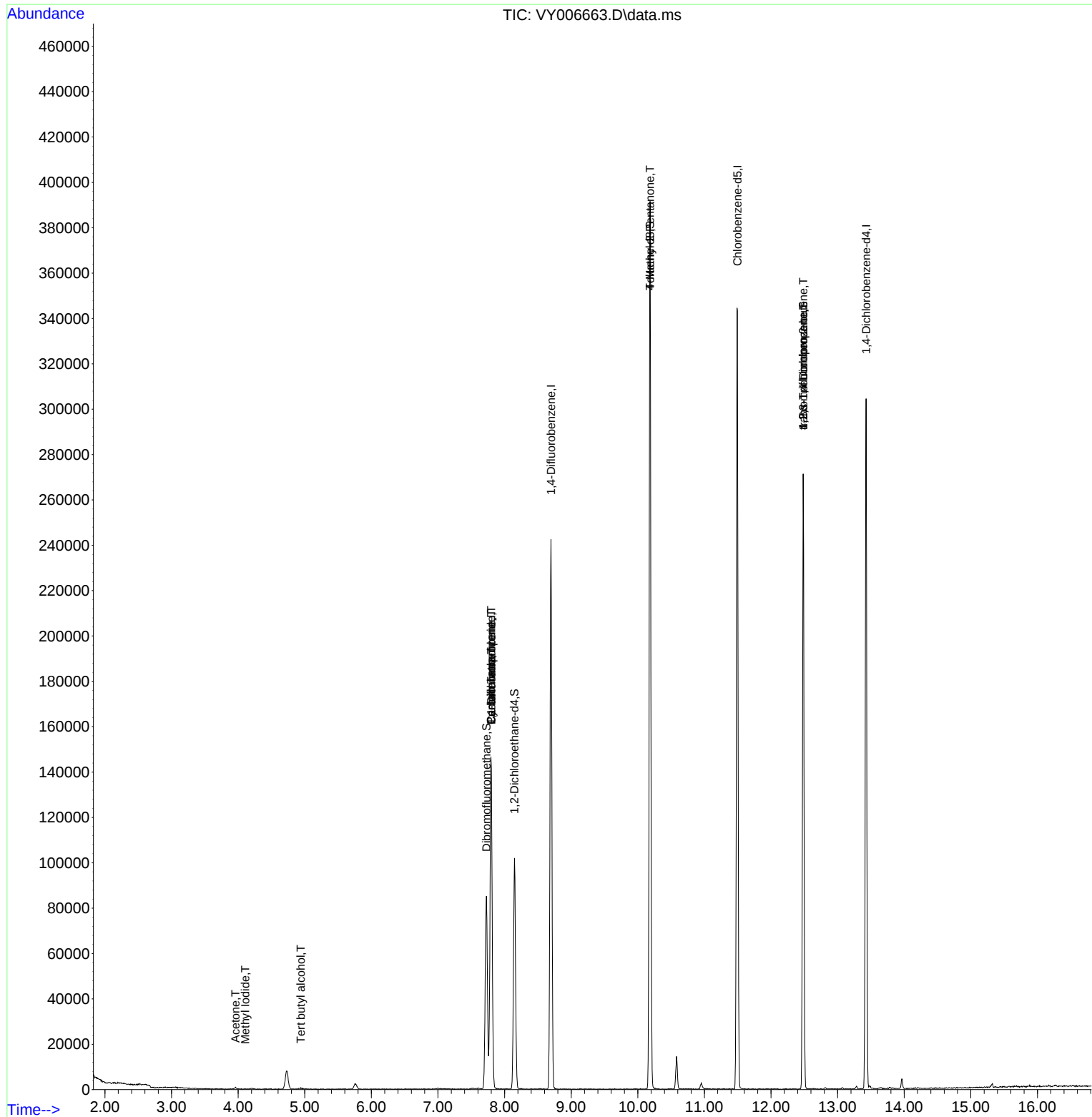
Internal Standards						
1) Pentafluorobenzene	7.801	168	109362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	185091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	172643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	79211	58.859	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.720%			
35) Dibromofluoromethane	7.728	113	57251	55.495	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.980%			
50) Toluene-d8	10.185	98	235678	53.890	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.780%			
62) 4-Bromofluorobenzene	12.483	95	72357	49.116	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.240%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.106	142	92	5.137	ug/l #	36
11) Tert butyl alcohol	4.942	59	449	3.673	ug/l #	72
16) Acetone	3.960	43	1180	3.045	ug/l	92
31) Cyclohexane	7.801	56	2754	1.264	ug/l #	23
36) 1,1-Dichloropropene	7.801	75	9245	5.055	ug/l #	50
38) Carbon Tetrachloride	7.801	117	10648	5.278	ug/l #	15
51) 4-Methyl-2-Pentanone	10.185	43	1325	1.126	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	41503	53.323	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41503	109.469	ug/l #	7

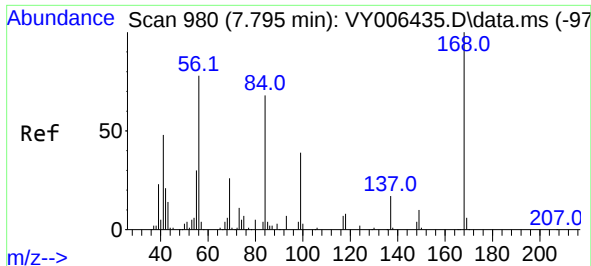
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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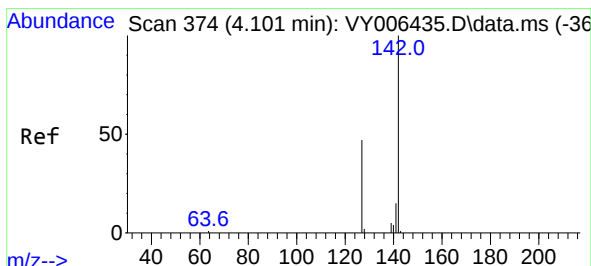
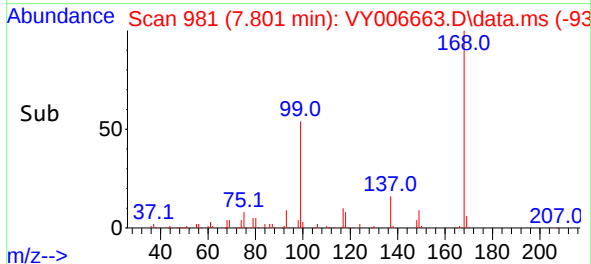
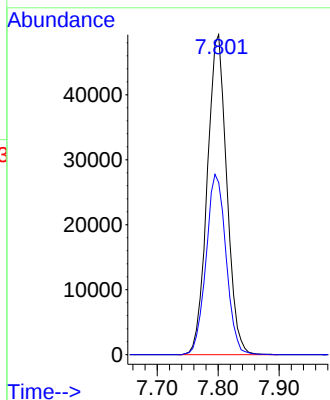
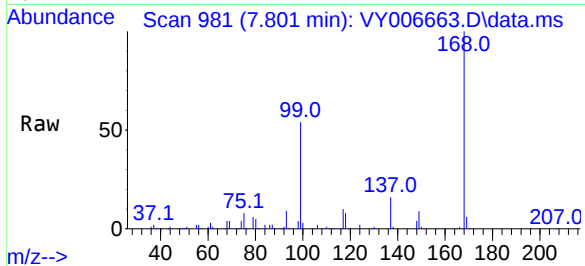




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006663.D
Acq: 05 Nov 2021 17:54

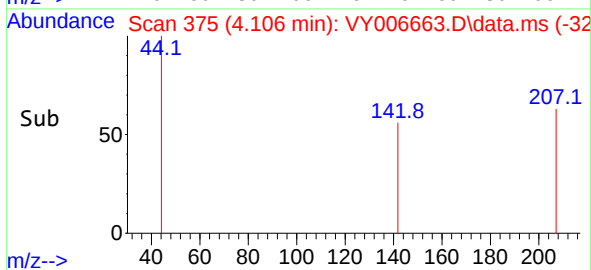
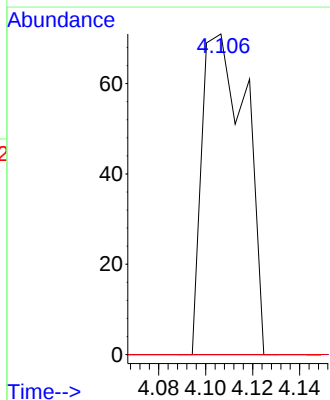
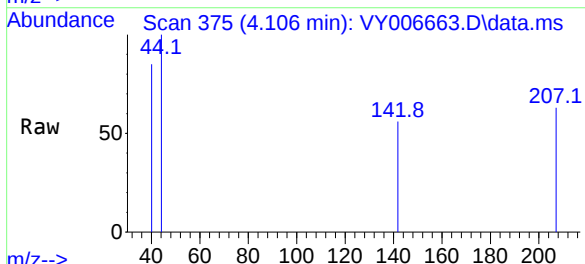
Instrument :
MSVOA_Y
ClientSampleId :

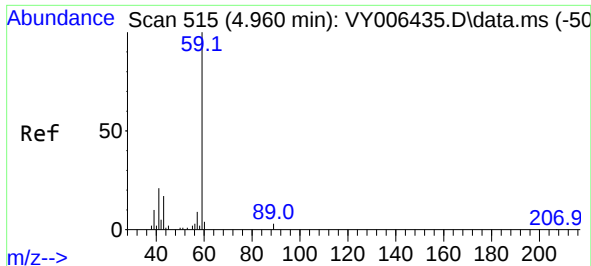
Tgt Ion:168 Resp: 109362
Ion Ratio Lower Upper
168 100
99 53.8 44.8 67.2



#10
Methyl Iodide
Concen: 5.137 ug/l
RT: 4.106 min Scan# 375
Delta R.T. 0.005 min
Lab File: VY006663.D
Acq: 05 Nov 2021 17:54

Tgt Ion:142 Resp: 92
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#





#11

Tert butyl alcohol

Concen: 3.673 ug/l

RT: 4.942 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY006663.D

Acq: 05 Nov 2021 17:54

Instrument :

MSVOA_Y

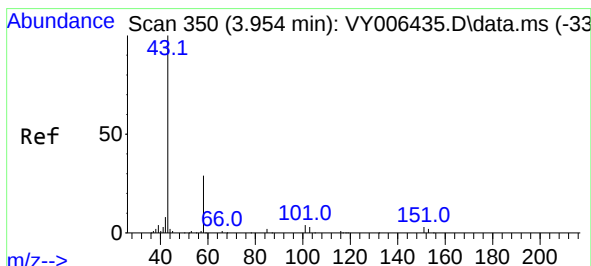
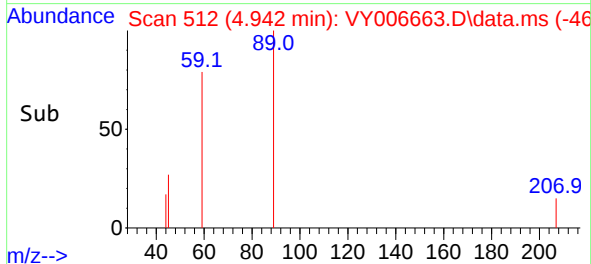
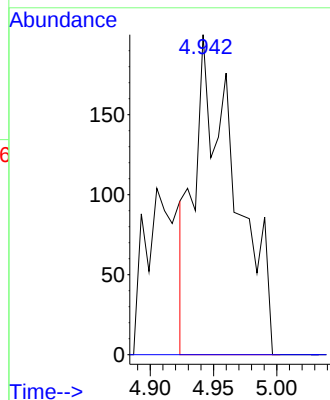
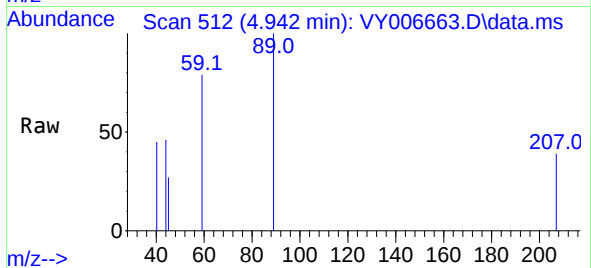
ClientSampleId :

Tgt Ion: 59 Resp: 449

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 3.045 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY006663.D

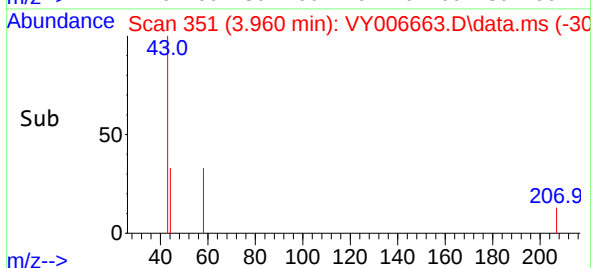
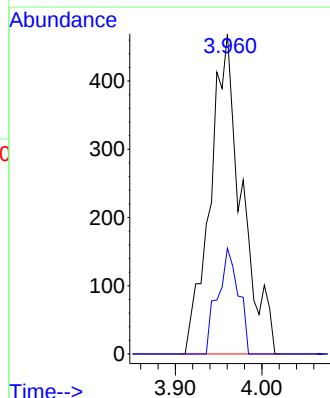
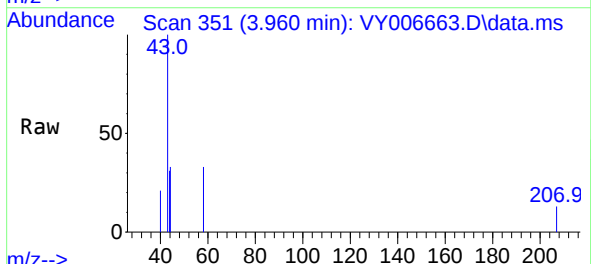
Acq: 05 Nov 2021 17:54

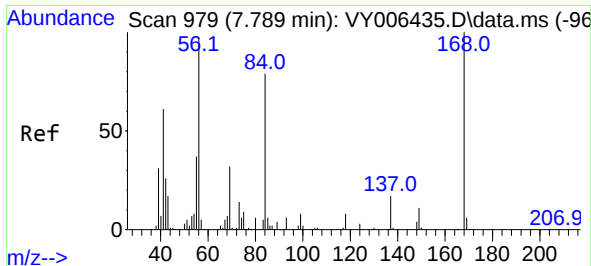
Tgt Ion: 43 Resp: 1180

Ion Ratio Lower Upper

43 100

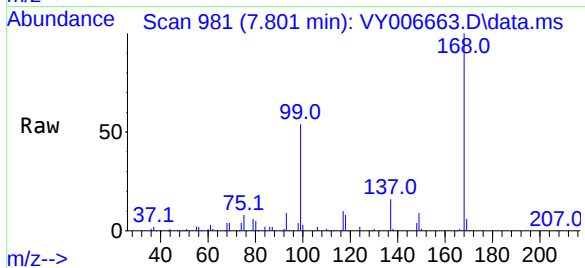
58 33.0 22.9 34.3



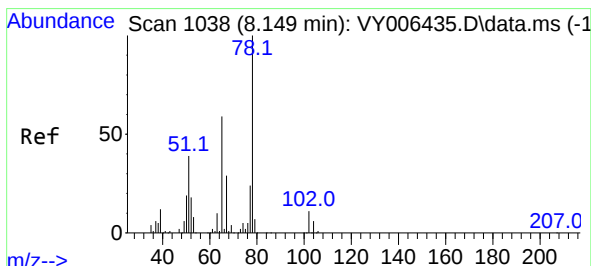
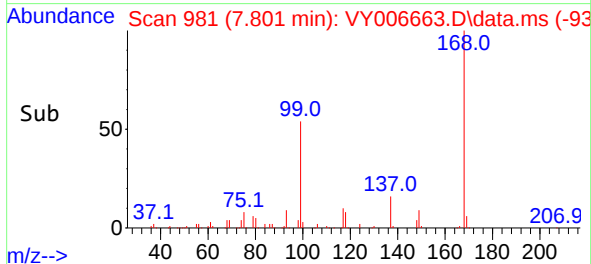
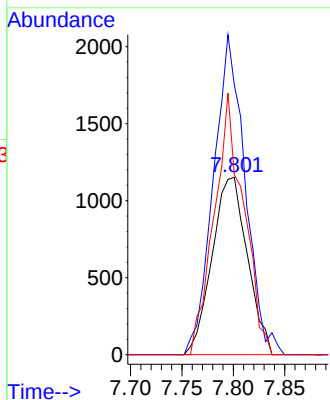


#31
Cyclohexane
Concen: 1.264 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006663.D
Acq: 05 Nov 2021 17:54

Instrument :
MSVOA_Y
ClientSampleId :

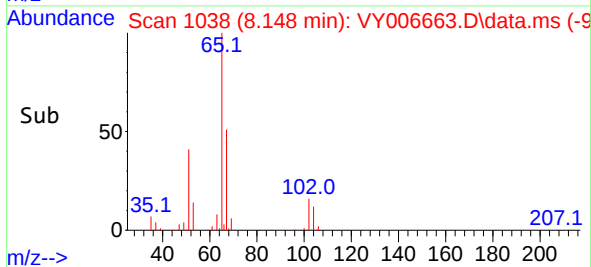
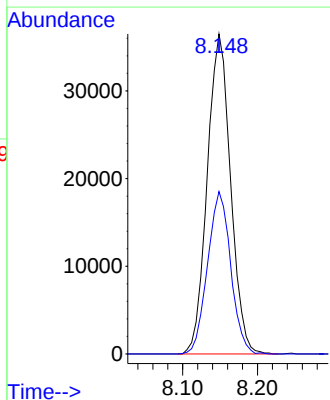
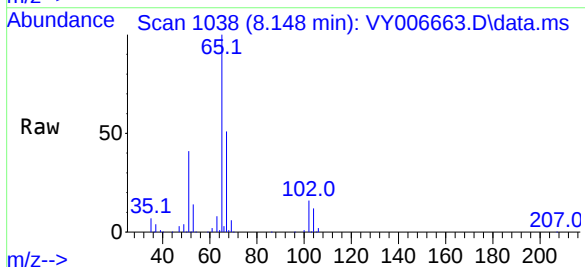


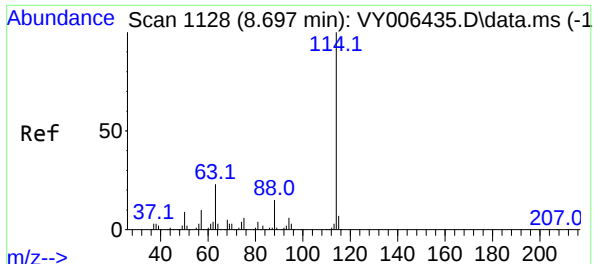
Tgt Ion: 56 Resp: 2754
Ion Ratio Lower Upper
56 100
69 152.0 26.6 40.0#
84 101.4 65.0 97.4#



#33
1,2-Dichloroethane-d4
Concen: 58.859 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006663.D
Acq: 05 Nov 2021 17:54

Tgt Ion: 65 Resp: 79211
Ion Ratio Lower Upper
65 100
67 50.3 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: VY006663.D

Acq: 05 Nov 2021 17:54

Instrument :

MSVOA_Y

ClientSampleId :

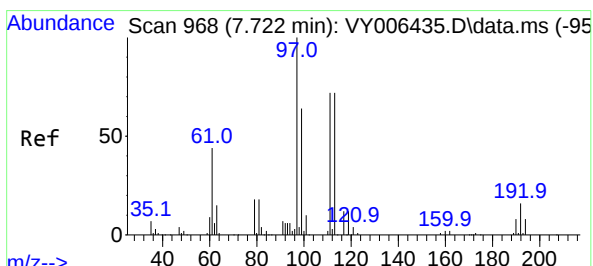
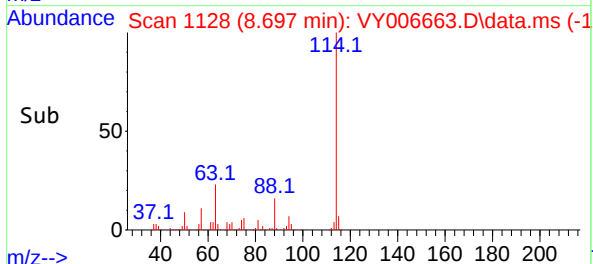
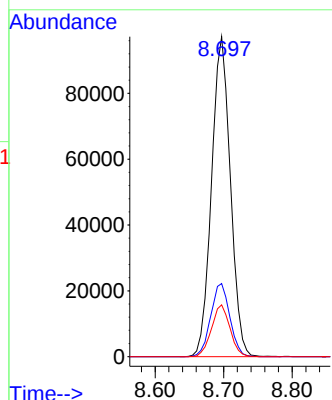
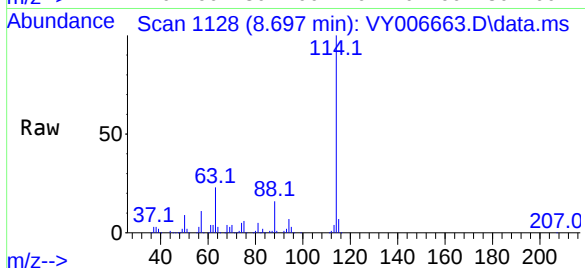
Tgt Ion:114 Resp: 185091

Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.495 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY006663.D

Acq: 05 Nov 2021 17:54

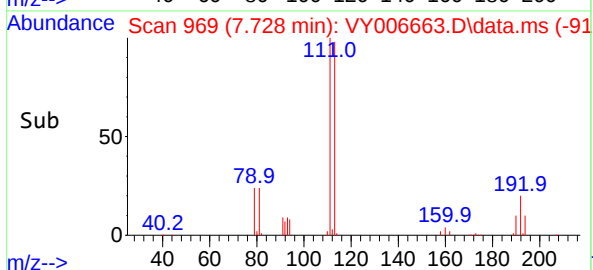
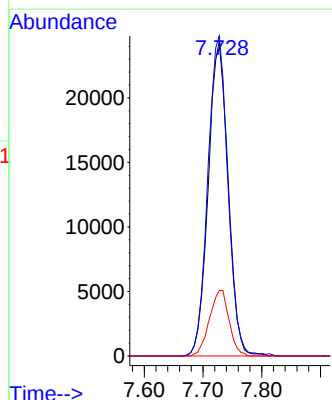
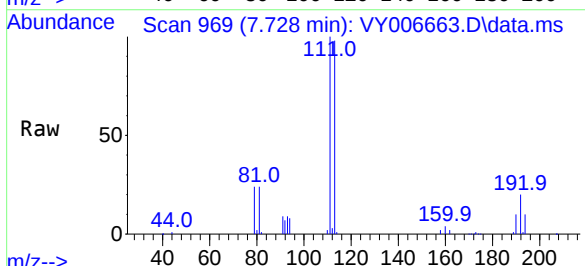
Tgt Ion:113 Resp: 57251

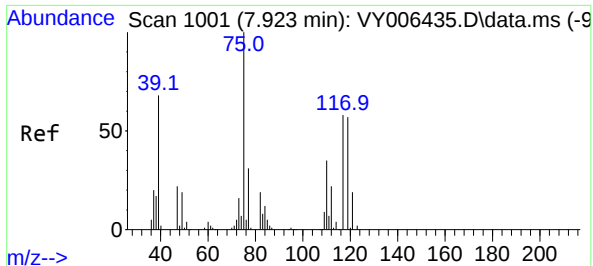
Ion Ratio Lower Upper

113 100

111 102.8 82.3 123.5

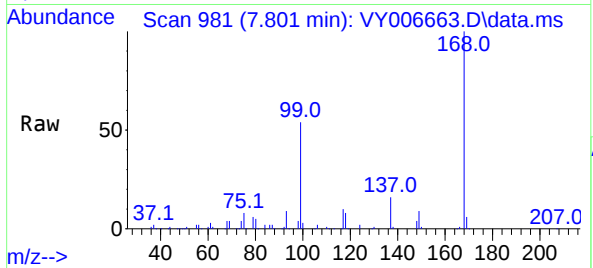
192 20.6 17.4 26.2



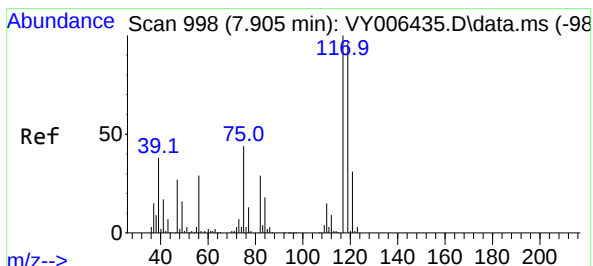
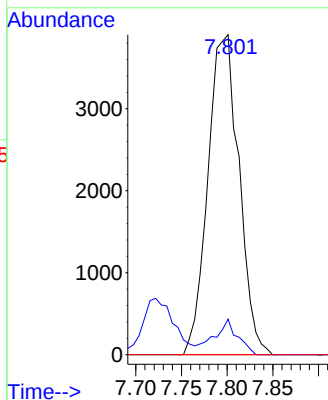
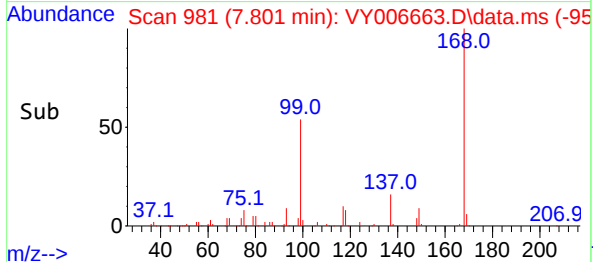


#36
1,1-Dichloropropene
Concen: 5.055 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006663.D
Acq: 05 Nov 2021 17:54

Instrument :
MSVOA_Y
ClientSampleId :

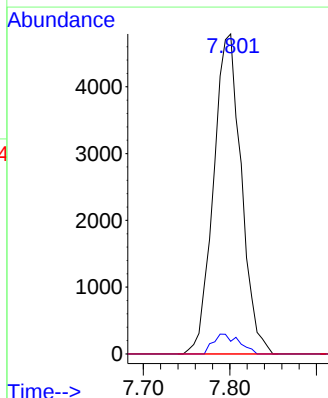
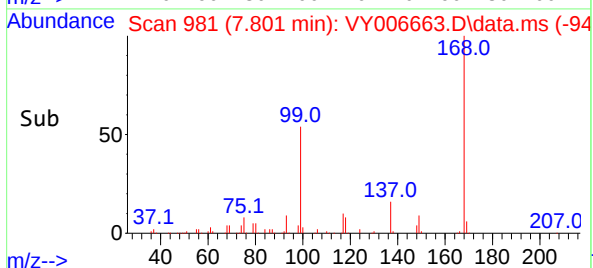
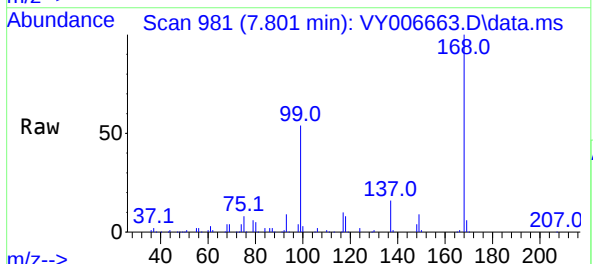


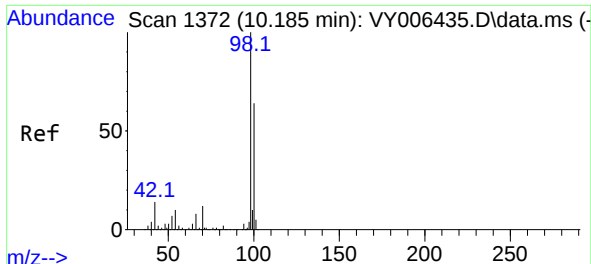
Tgt Ion: 75 Resp: 9245
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.278 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY006663.D
Acq: 05 Nov 2021 17:54

Tgt Ion: 117 Resp: 10648
Ion Ratio Lower Upper
117 100
119 3.9 76.6 115.0#
121 0.0 24.7 37.1#

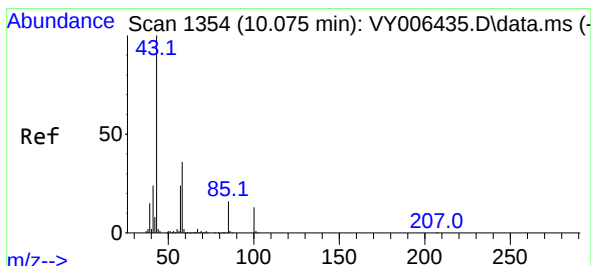
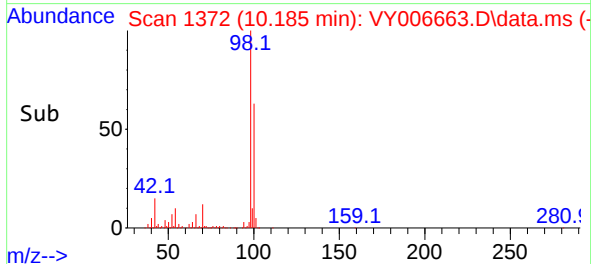
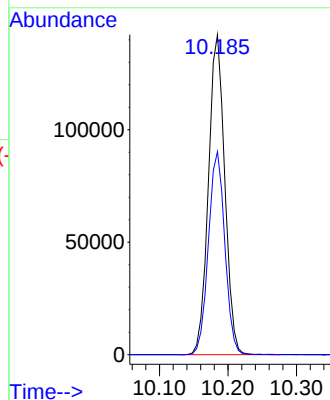
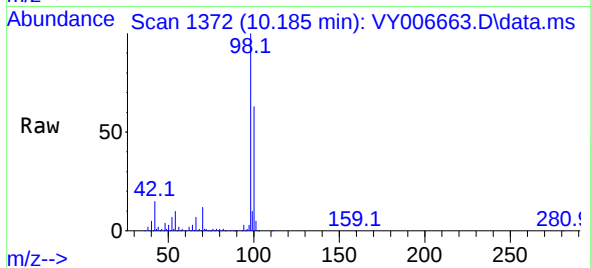




#50
Toluene-d8
Concen: 53.890 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006663.D
Acq: 05 Nov 2021 17:54

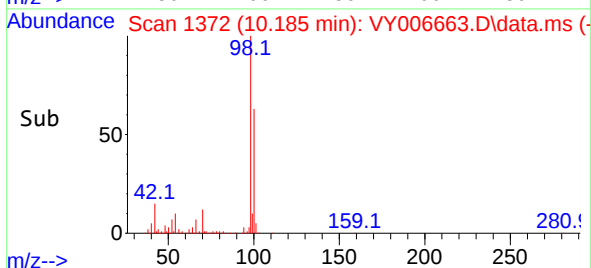
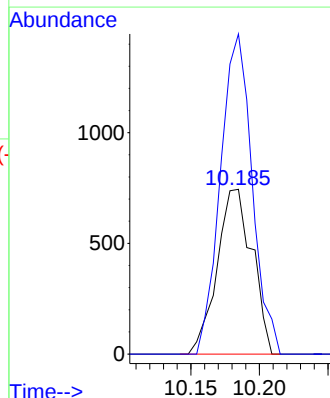
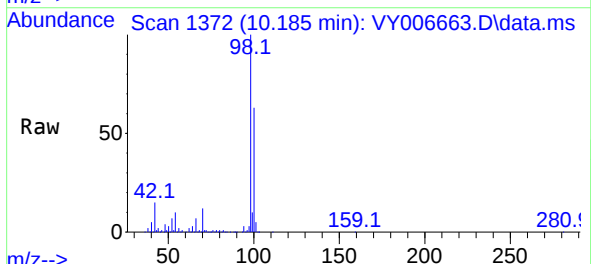
Instrument :
MSVOA_Y
ClientSampleId :

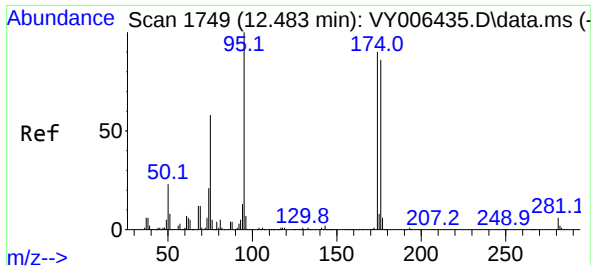
Tgt Ion: 98 Resp: 235678
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.126 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006663.D
Acq: 05 Nov 2021 17:54

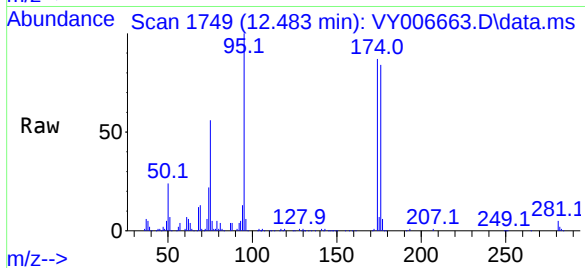
Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
58 175.6 28.7 43.1#



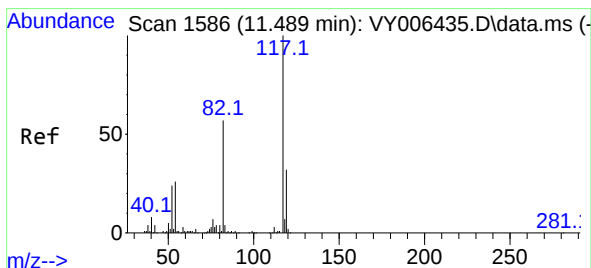
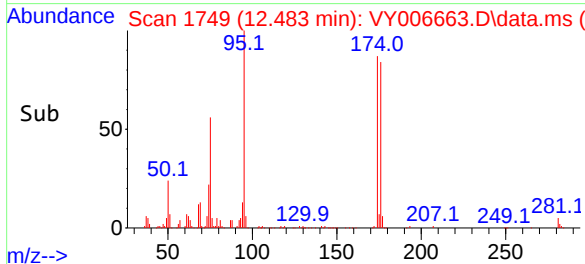
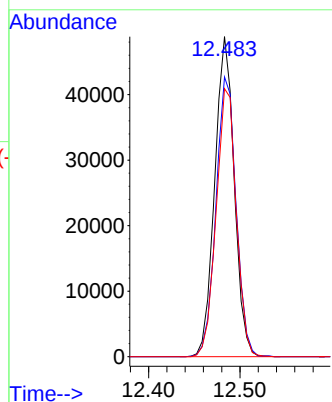


#62
4-Bromofluorobenzene
Concen: 49.116 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY006663.D
Acq: 05 Nov 2021 17:54

Instrument :
MSVOA_Y
ClientSampleId :

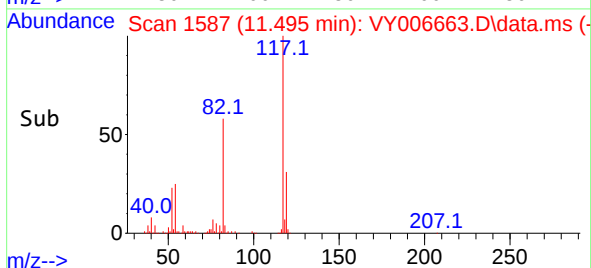
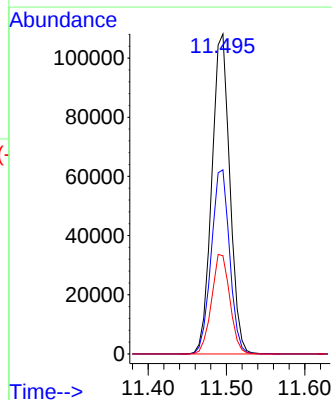
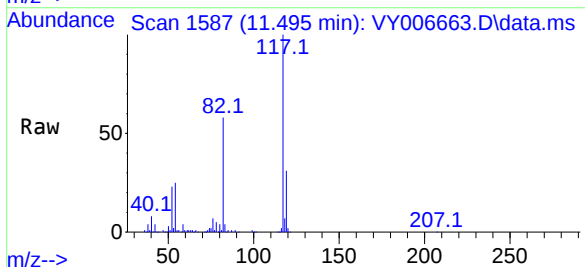


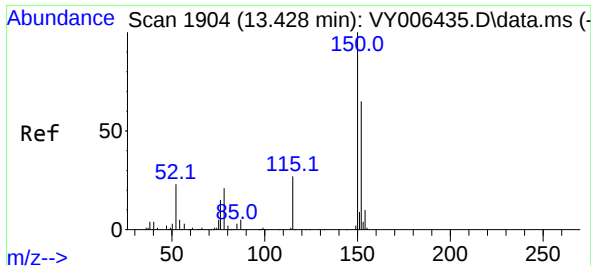
Tgt Ion: 95 Resp: 72357
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 86.4 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006663.D
Acq: 05 Nov 2021 17:54

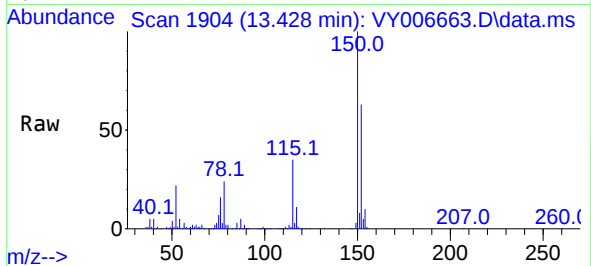
Tgt Ion: 117 Resp: 172643
Ion Ratio Lower Upper
117 100
82 57.5 45.7 68.5
119 30.7 25.5 38.3



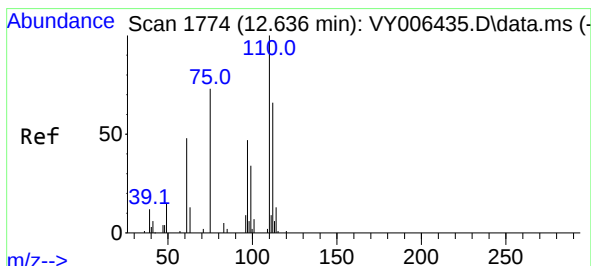
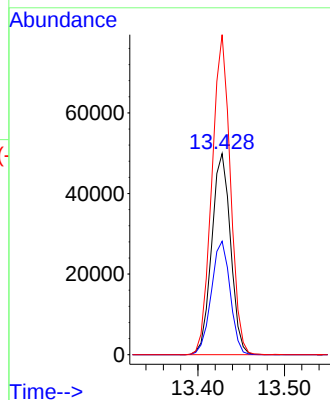
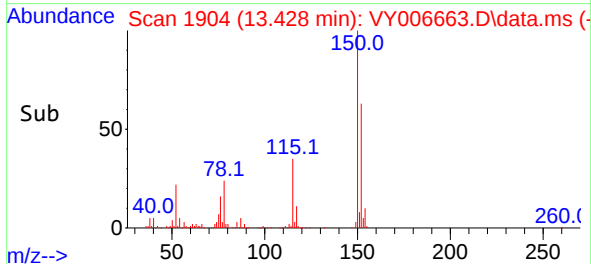


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY006663.D
 Acq: 05 Nov 2021 17:54

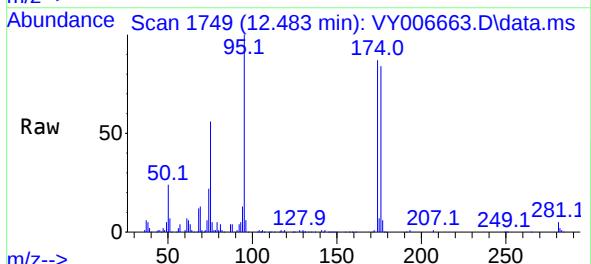
Instrument :
 MSVOA_Y
 ClientSampleId :



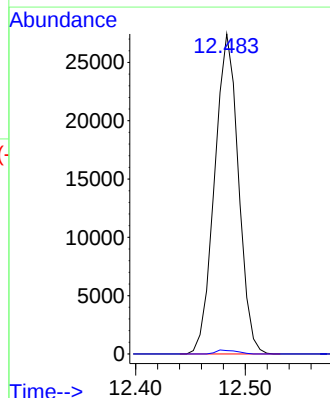
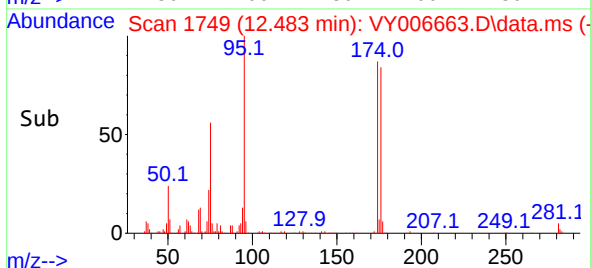
Tgt Ion:152 Resp: 75532
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.5 85.5
 150 155.7 0.0 348.2

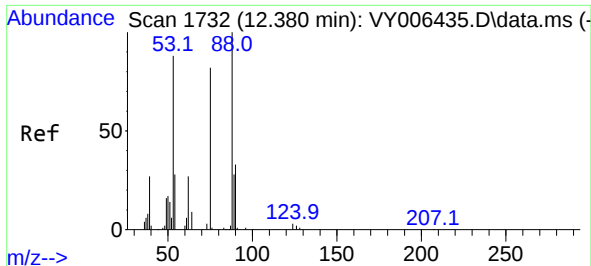


#76
 1,2,3-Trichloropropane
 Concen: 53.323 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY006663.D
 Acq: 05 Nov 2021 17:54



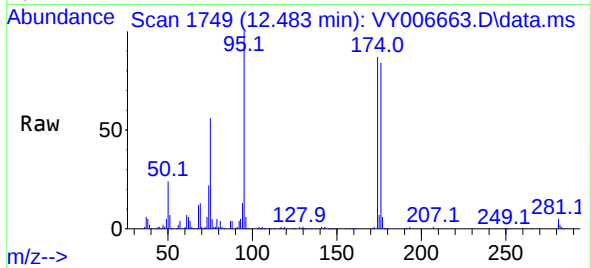
Tgt Ion: 75 Resp: 41503
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.469 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY006663.D
 Acq: 05 Nov 2021 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 41503
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.0 39.3 58.9#

