

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007651.D
 Acq On : 25 Feb 2022 20:52
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 28 00:00:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

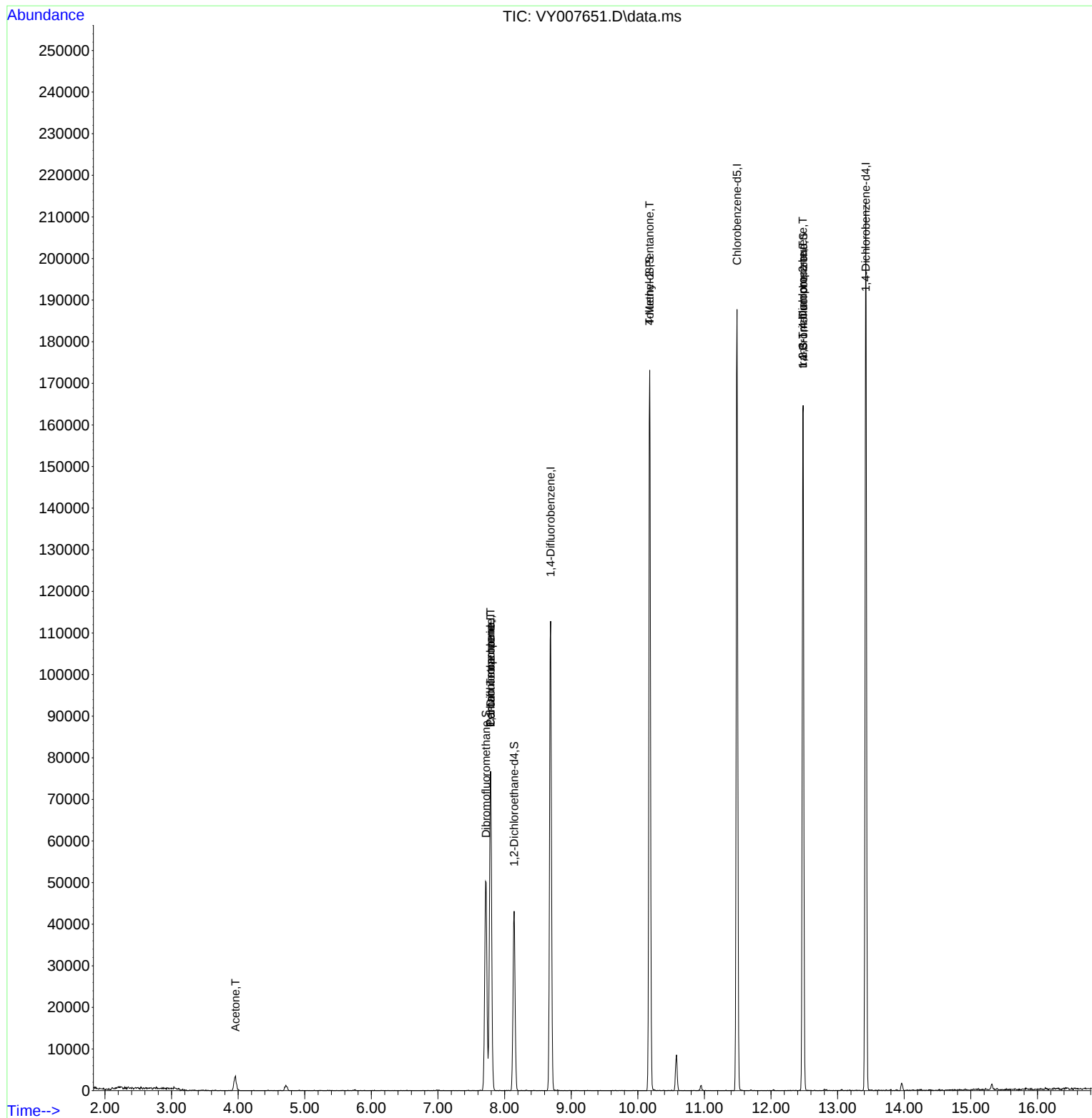
Internal Standards						
1) Pentafluorobenzene	7.789	168	58220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	94962	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	97782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	51505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	33308	51.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.860%	
35) Dibromofluoromethane	7.722	113	30657	51.163	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.320%	
50) Toluene-d8	10.179	98	112041	50.498	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.000%	
62) 4-Bromofluorobenzene	12.483	95	42103	55.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	23	Below Cal	#	4
16) Acetone	3.960	43	5906	40.040	ug/l	92
20) Methylene Chloride	4.716	84	962	Below Cal	#	78
31) Cyclohexane	7.795	56	1365	Below Cal	#	24
36) 1,1-Dichloropropene	7.789	75	4270	4.945	ug/l	# 53
38) Carbon Tetrachloride	7.789	117	6121	4.841	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.179	43	482	1.206	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	26821	52.067	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	26821	111.952	ug/l	# 7

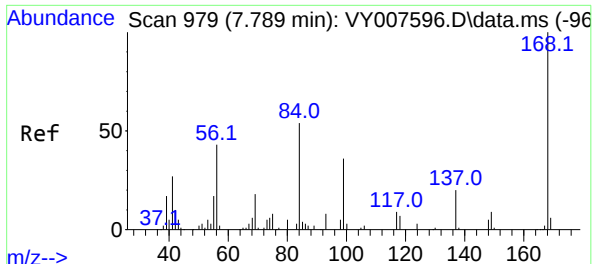
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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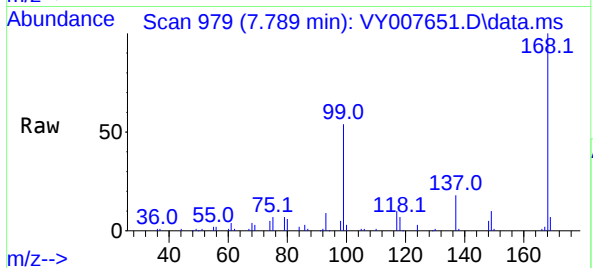
Quant Time: Feb 28 00:00:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
Quant Title : SW846 8260
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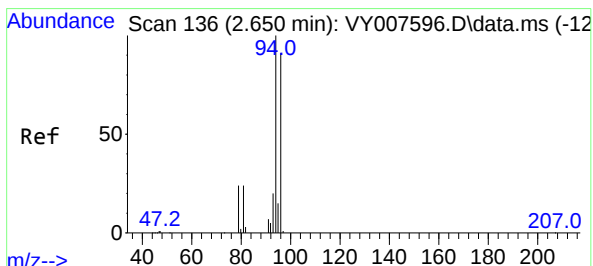
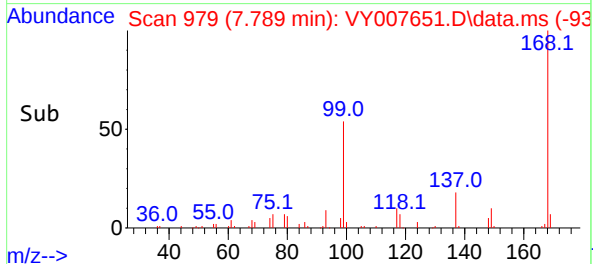
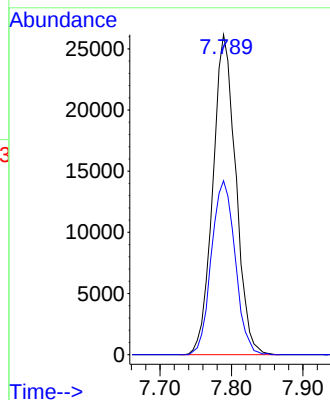


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

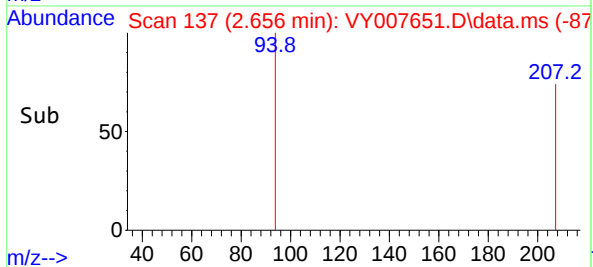
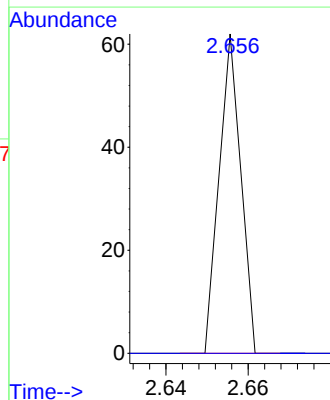
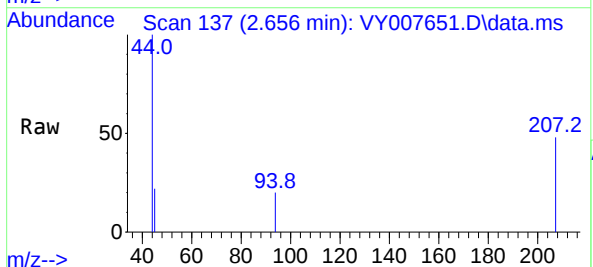


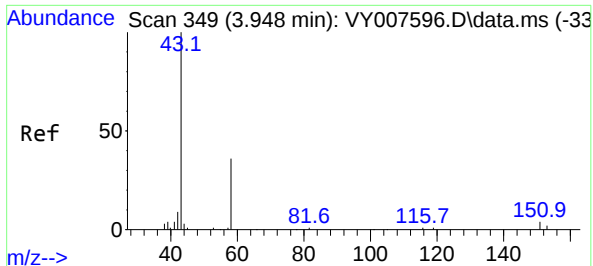
Tgt Ion:168 Resp: 58220
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

Tgt Ion: 94 Resp: 23
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#

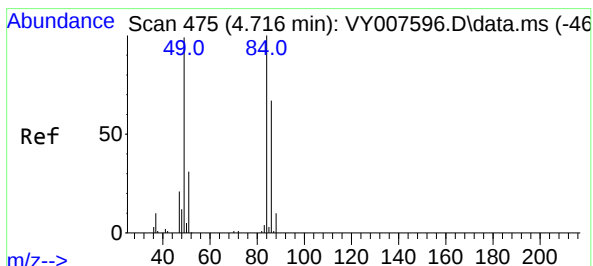
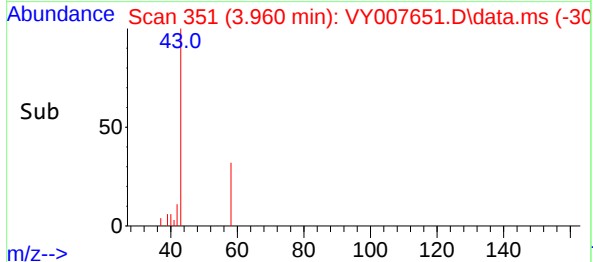
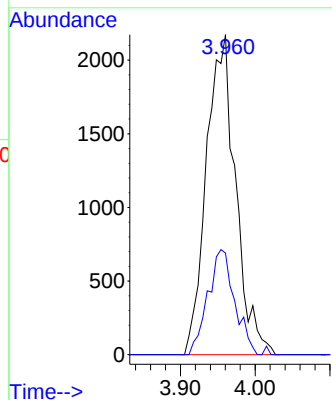
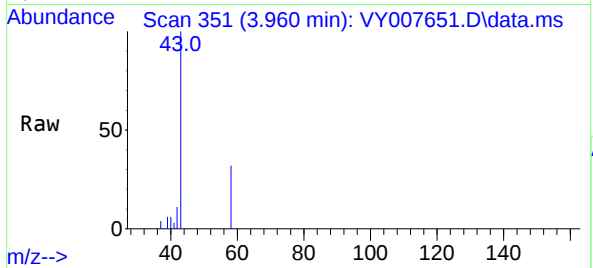




#16
Acetone
Concen: 40.040 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

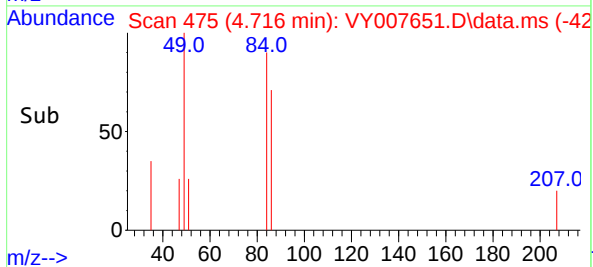
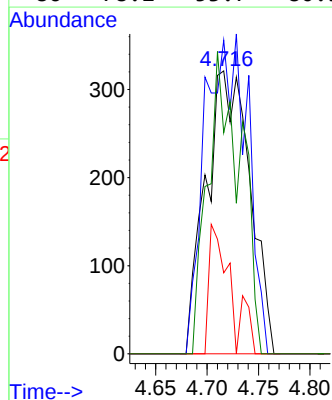
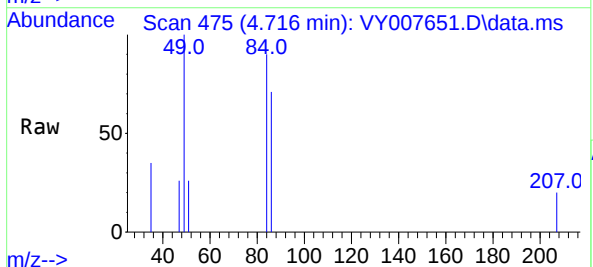
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

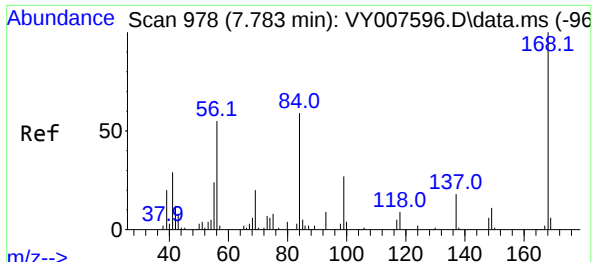
Tgt Ion: 43 Resp: 5906
Ion Ratio Lower Upper
43 100
58 31.8 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

Tgt Ion: 84 Resp: 962
Ion Ratio Lower Upper
84 100
49 110.9 114.4 171.6#
51 28.7 35.3 52.9#
86 78.2 53.7 80.5

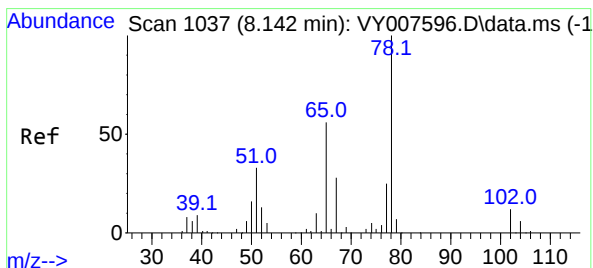
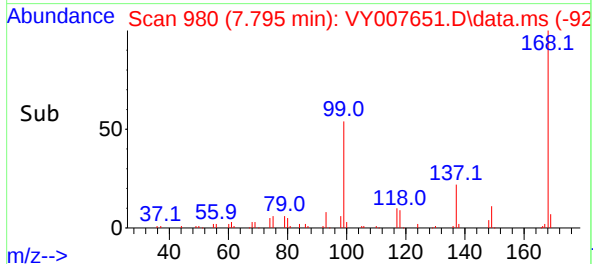
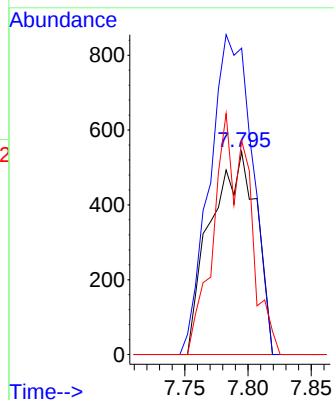
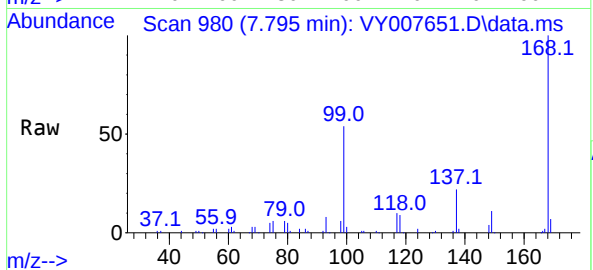




#31
Cyclohexane
Concen: Below Cal
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

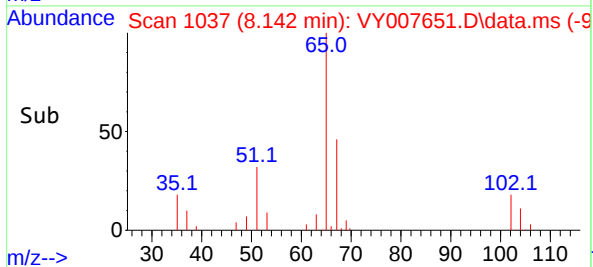
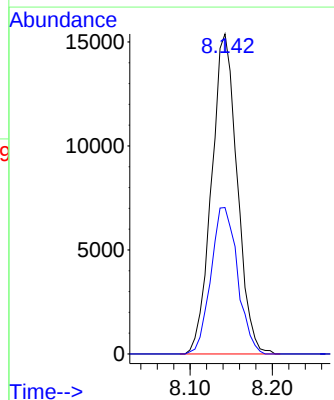
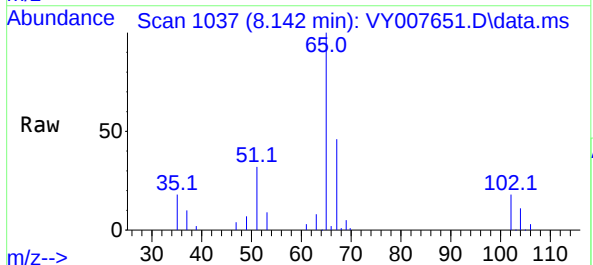
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

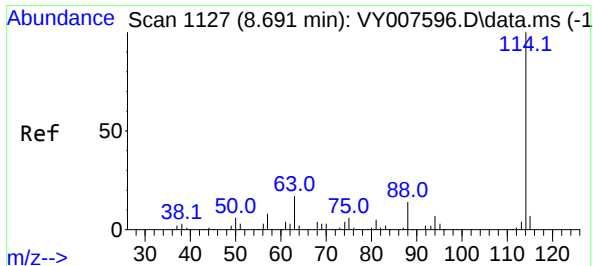
Tgt Ion: 56 Resp: 1365
Ion Ratio Lower Upper
56 100
69 151.1 26.7 40.1#
84 105.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 51.427 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

Tgt Ion: 65 Resp: 33308
Ion Ratio Lower Upper
65 100
67 47.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007651.D

Acq: 25 Feb 2022 20:52

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

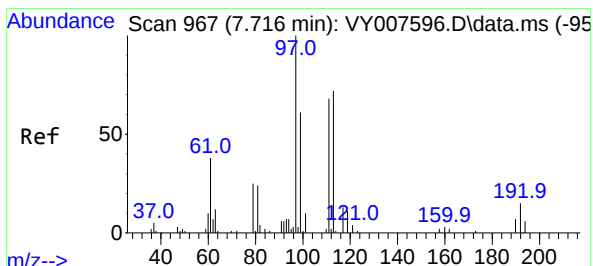
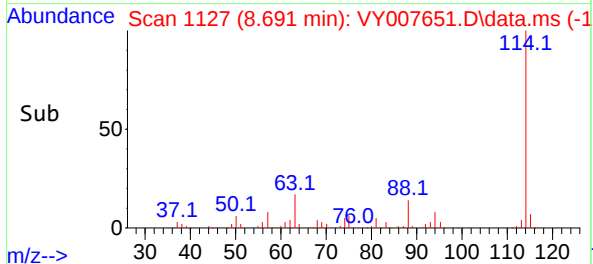
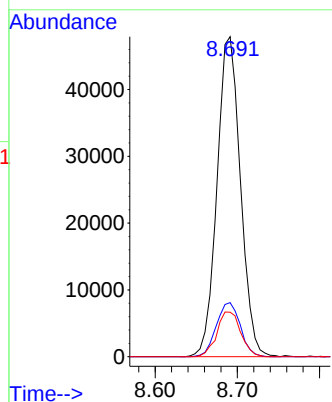
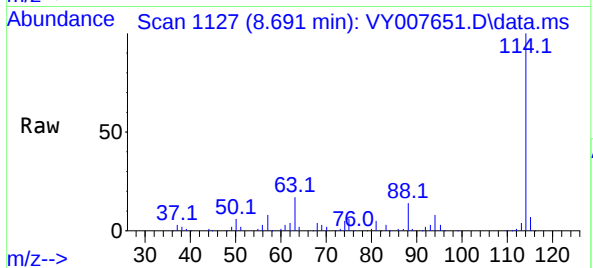
Tgt Ion:114 Resp: 94962

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.163 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007651.D

Acq: 25 Feb 2022 20:52

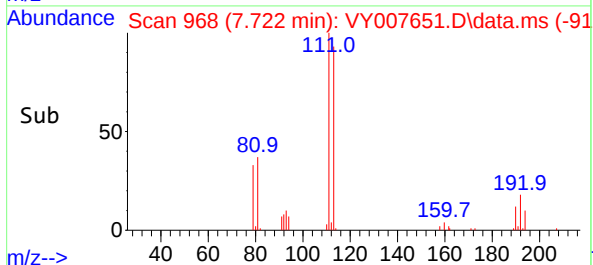
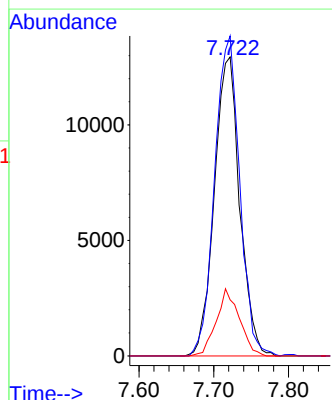
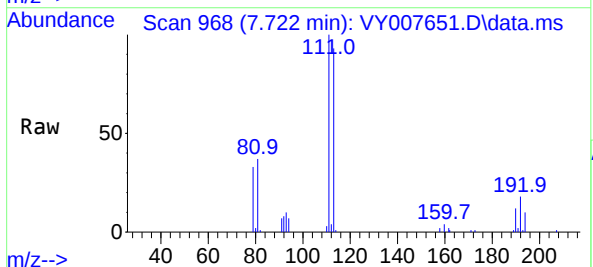
Tgt Ion:113 Resp: 30657

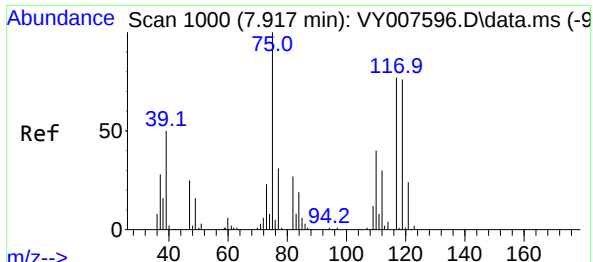
Ion Ratio Lower Upper

113 100

111 105.3 82.6 124.0

192 20.5 17.6 26.4

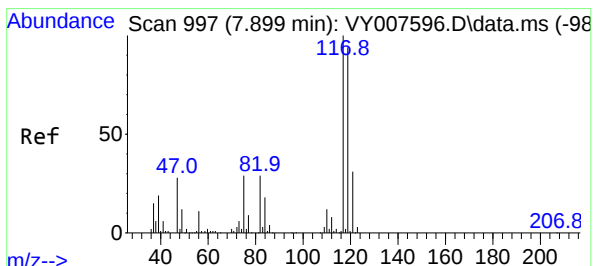
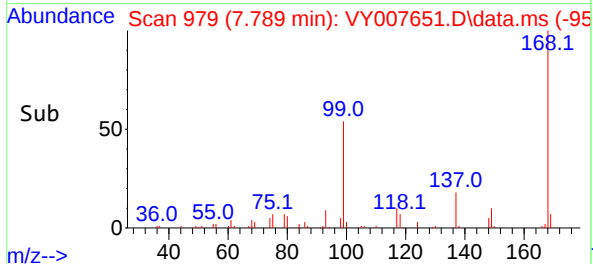
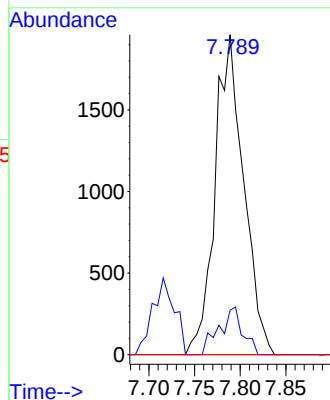
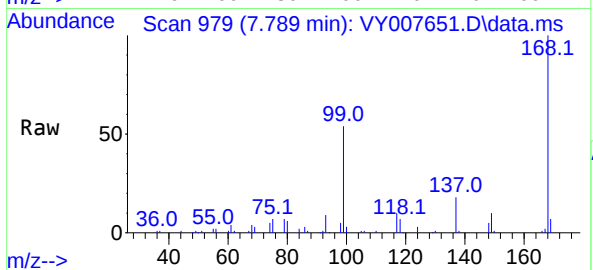




#36
1,1-Dichloropropene
Concen: 4.945 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

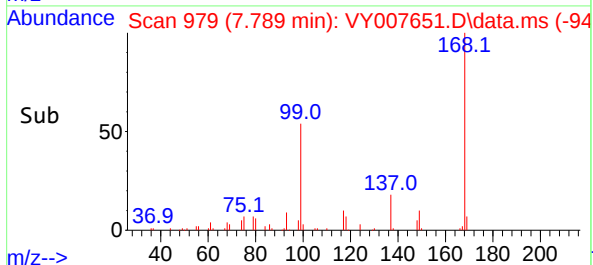
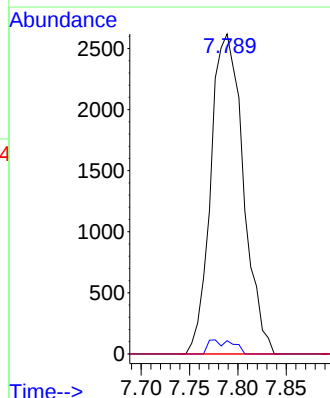
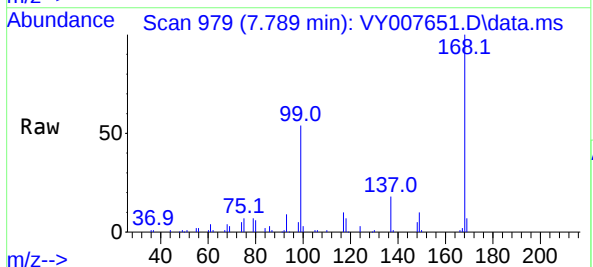
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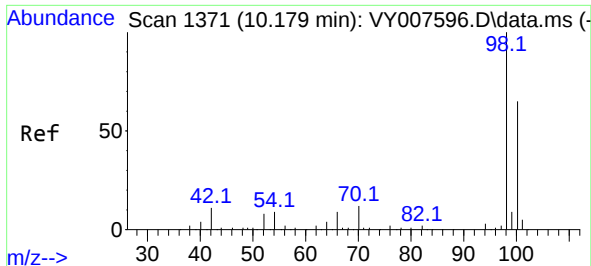
Tgt Ion: 75 Resp: 4270
Ion Ratio Lower Upper
75 100
110 12.2 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.841 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

Tgt Ion: 117 Resp: 6121
Ion Ratio Lower Upper
117 100
119 4.1 77.9 116.9#
121 0.0 24.8 37.2#

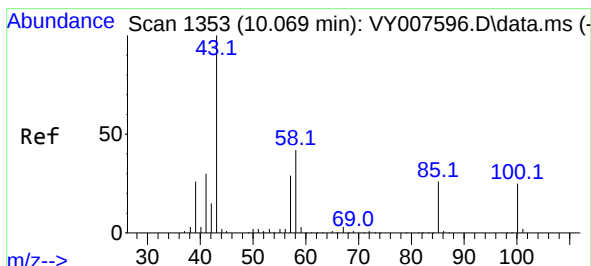
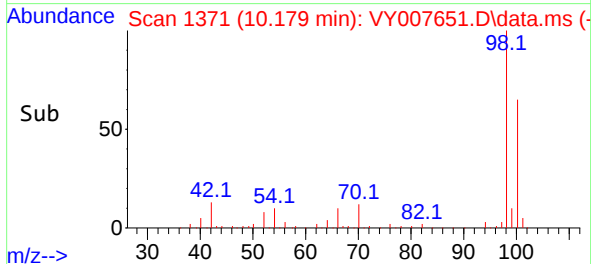
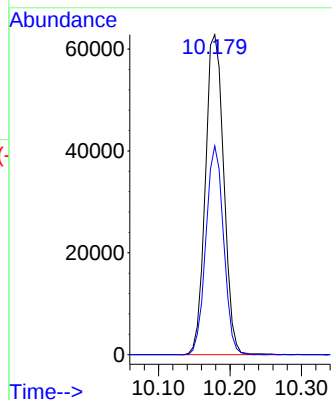
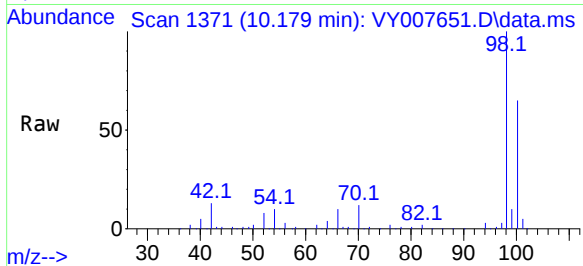




#50
Toluene-d8
Concen: 50.498 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

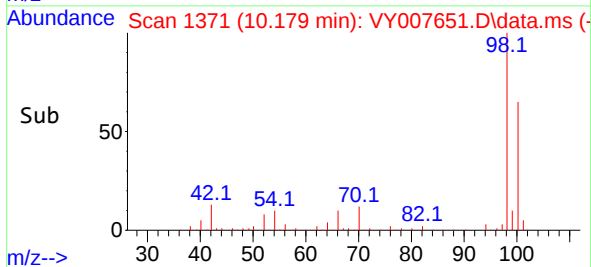
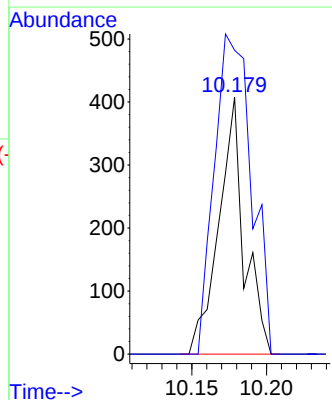
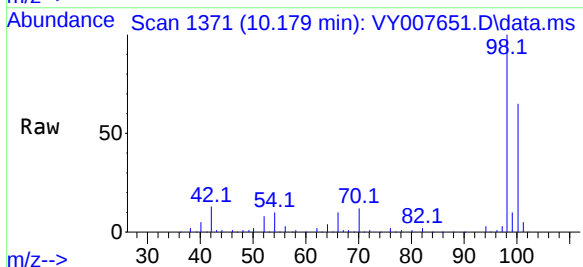
Instrument :
MSVOA_Y
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VIBLK

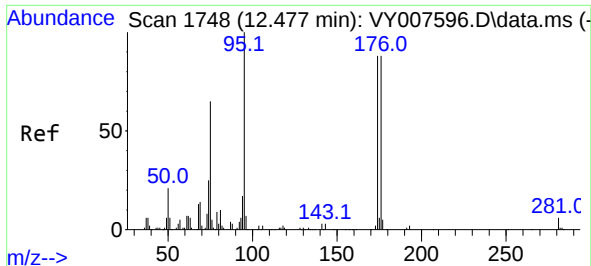
Tgt Ion: 98 Resp: 112041
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.206 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

Tgt Ion: 43 Resp: 482
Ion Ratio Lower Upper
43 100
58 182.4 28.1 42.1#

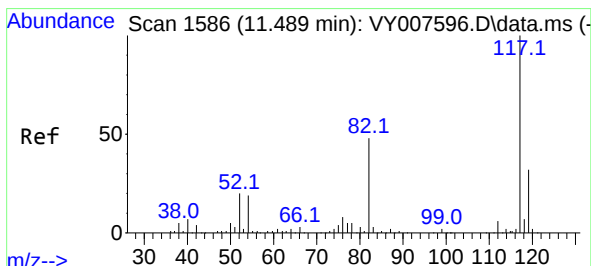
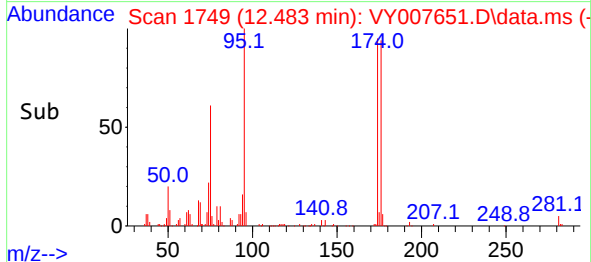
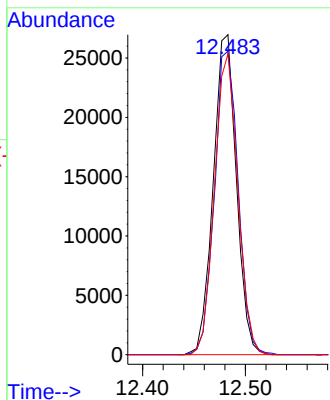
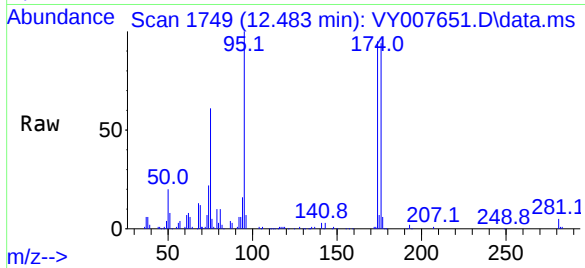




#62
4-Bromofluorobenzene
Concen: 55.570 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

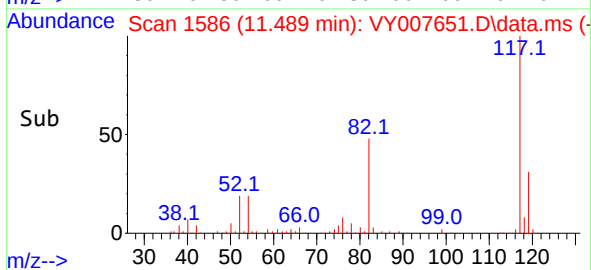
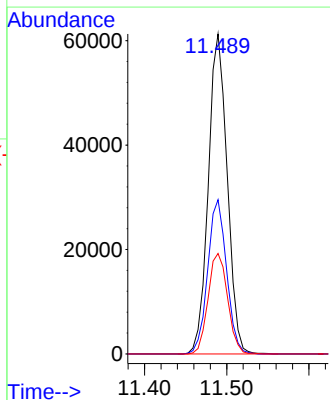
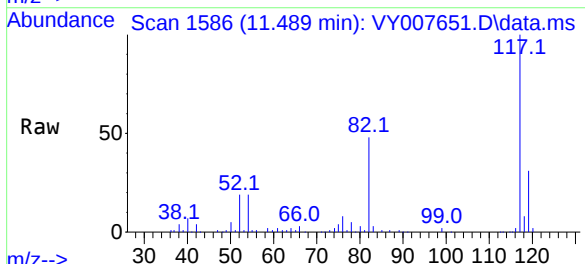
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

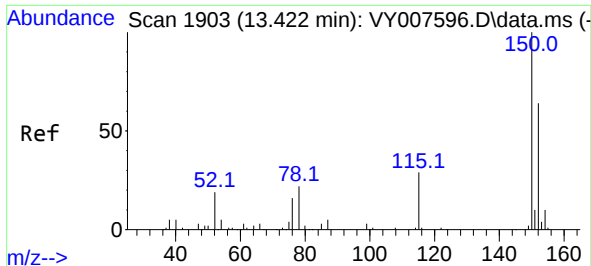
Tgt Ion: 95 Resp: 42103
Ion Ratio Lower Upper
95 100
174 97.3 0.0 177.0
176 94.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

Tgt Ion: 117 Resp: 97782
Ion Ratio Lower Upper
117 100
82 48.2 43.0 64.4
119 31.4 25.4 38.0

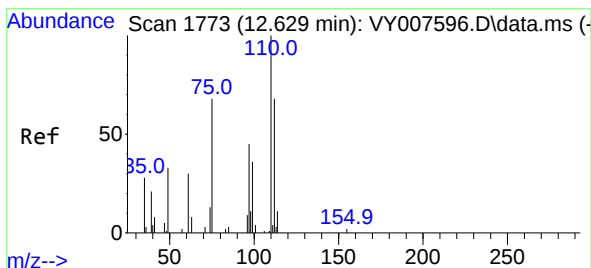
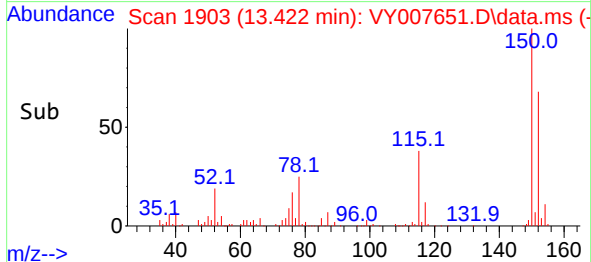
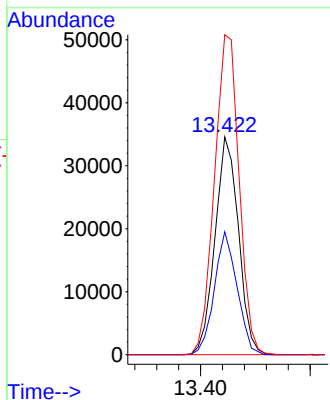
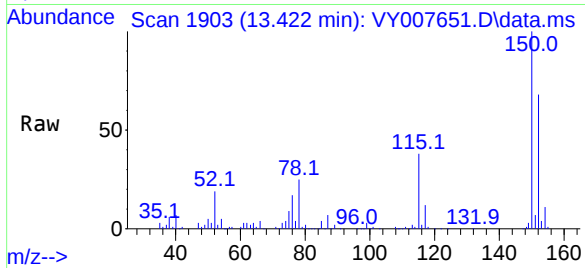




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

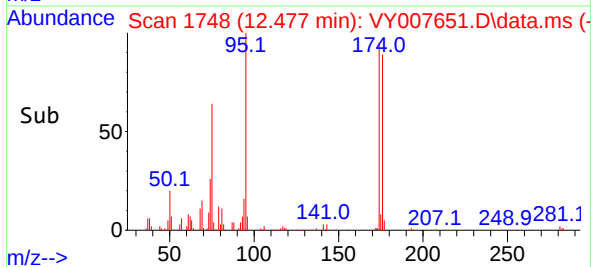
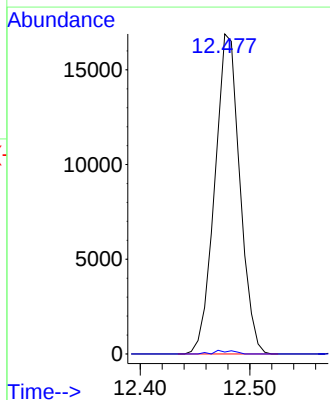
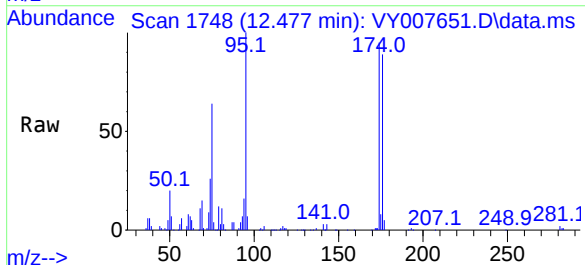
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

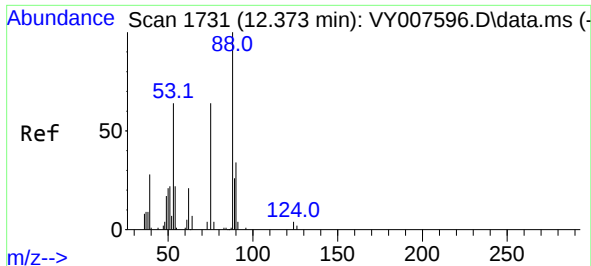
Tgt Ion:152 Resp: 51505
Ion Ratio Lower Upper
152 100
115 54.5 28.2 84.7
150 154.1 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 52.067 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007651.D
Acq: 25 Feb 2022 20:52

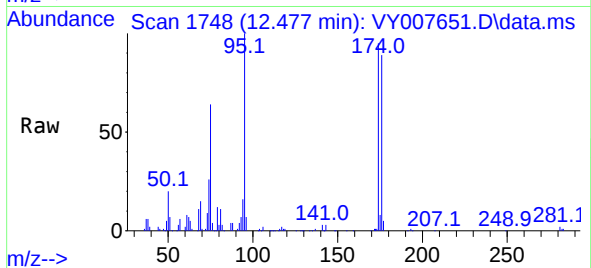
Tgt Ion: 75 Resp: 26821
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.952 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007651.D
 Acq: 25 Feb 2022 20:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK



Tgt Ion: 75 Resp: 26821
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

