

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007641.D
 Acq On : 25 Feb 2022 16:58
 Operator : SY/MD
 Sample : N1664-16
 Misc : 4.72g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Feb 27 23:58:37 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)

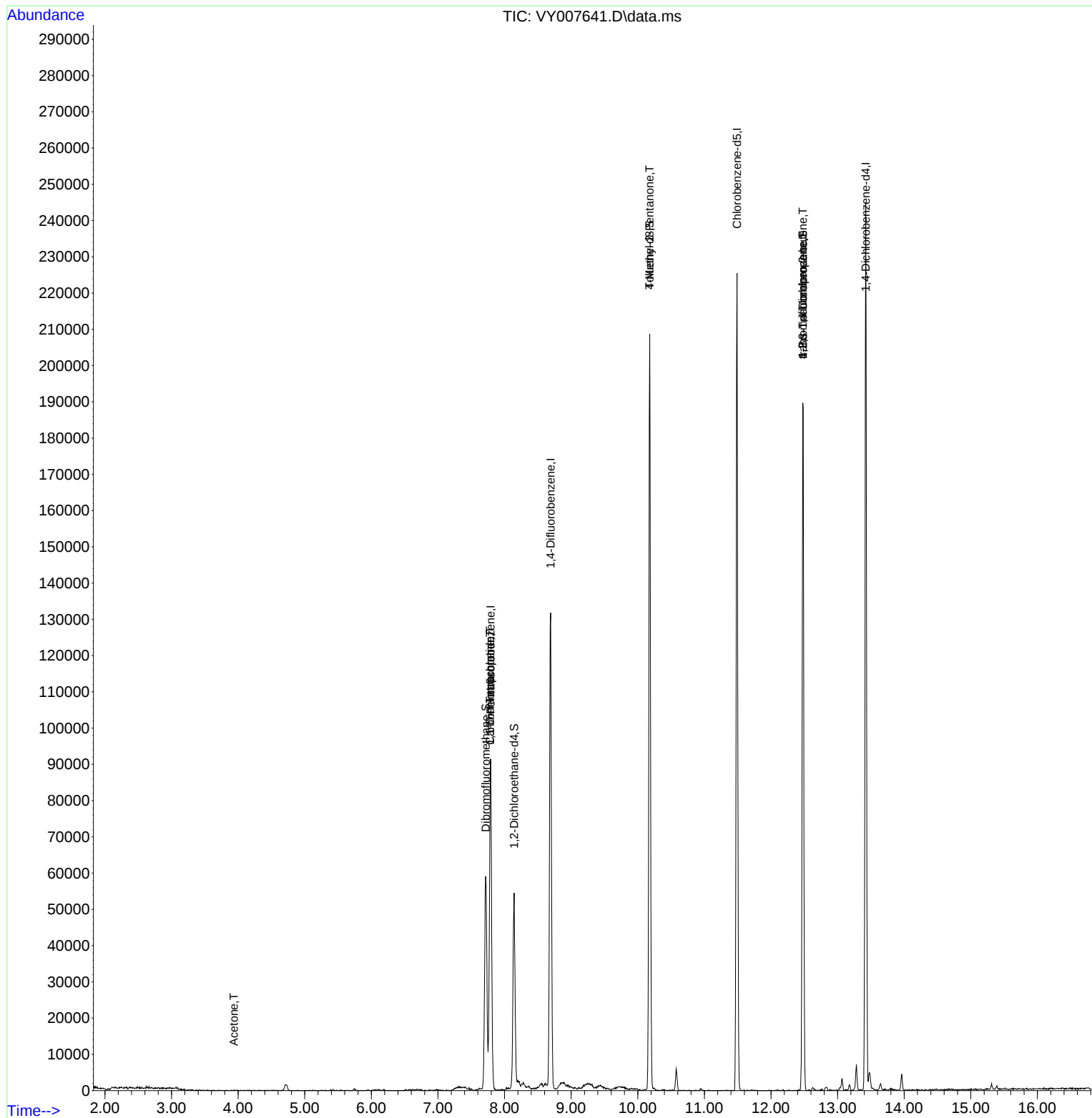
Internal Standards						
1) Pentafluorobenzene	7.789	168	67464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	113983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40232	53.606	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 107.220%		
35) Dibromofluoromethane	7.716	113	37367	51.955	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 103.920%		
50) Toluene-d8	10.179	98	132786	49.909	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 99.820%		
62) 4-Bromofluorobenzene	12.477	95	51801	56.961	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 113.920%		
Target Compounds						Qvalue
5) Bromomethane	2.662	94	139	Below Cal	#	56
16) Acetone	3.936	43	219	1.281	ug/l #	47
20) Methylene Chloride	4.723	84	1318	Below Cal	#	56
31) Cyclohexane	7.789	56	1313	Below Cal	#	44
36) 1,1-Dichloropropene	7.783	75	4919	4.746	ug/l #	56
38) Carbon Tetrachloride	7.783	117	7248	4.776	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	558	1.163	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	30658	51.710	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	30658	111.184	ug/l #	7

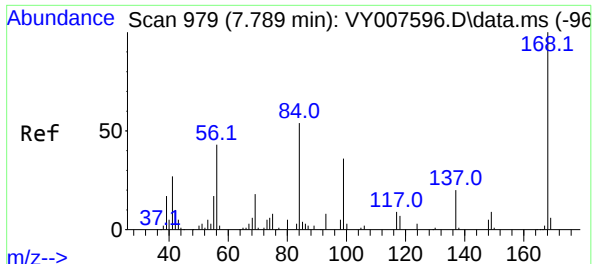
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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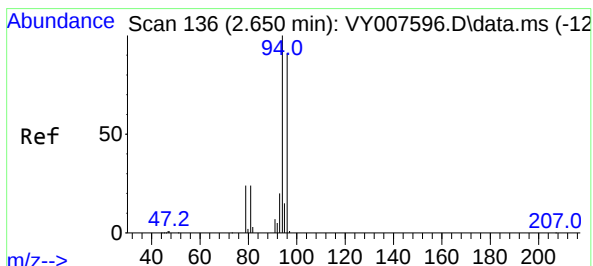
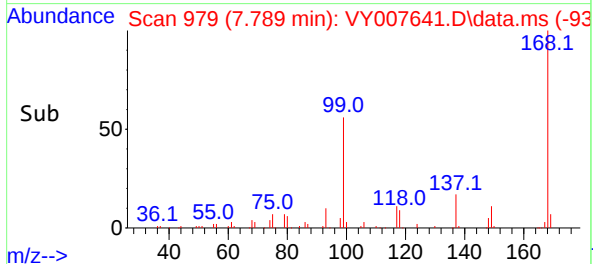
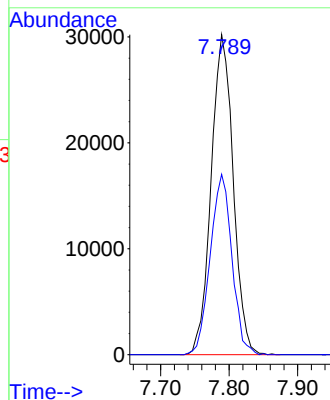
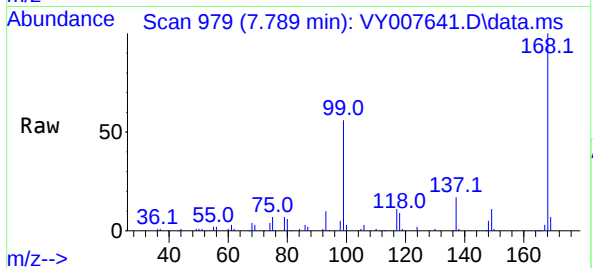




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

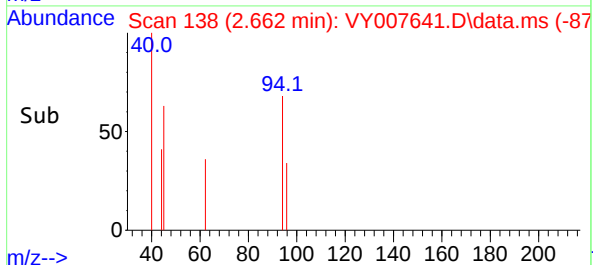
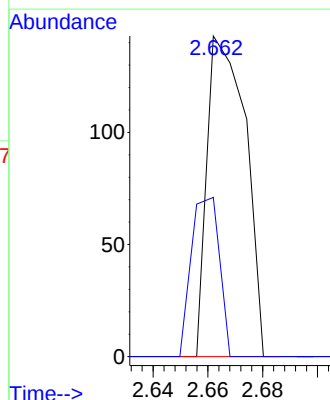
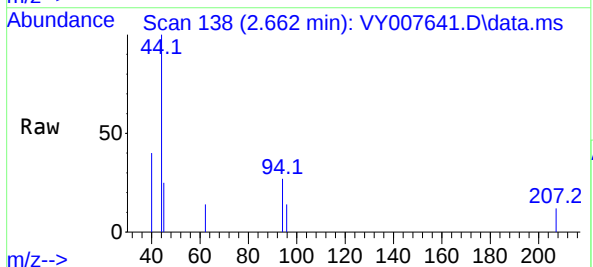
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

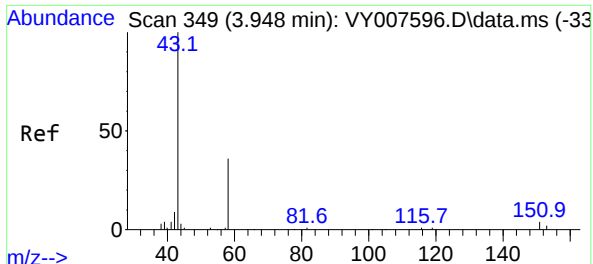
Tgt Ion:168 Resp: 67464
Ion Ratio Lower Upper
168 100
99 56.3 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

Tgt Ion: 94 Resp: 139
Ion Ratio Lower Upper
94 100
96 49.7 73.5 110.3#

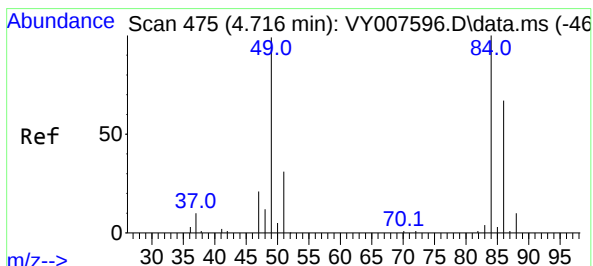
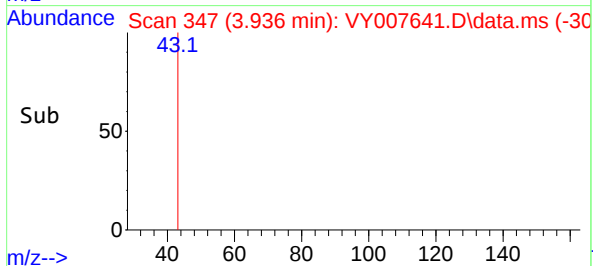
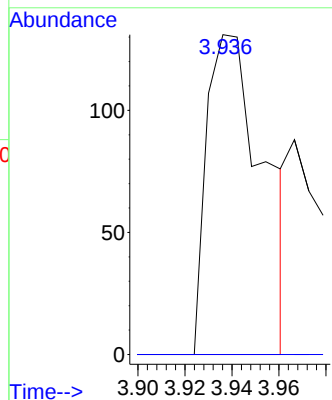
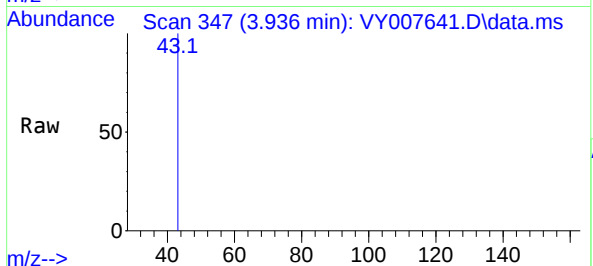




#16
Acetone
Concen: 1.281 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

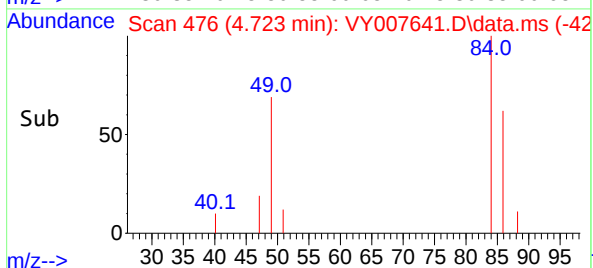
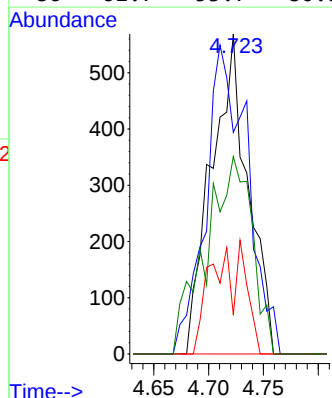
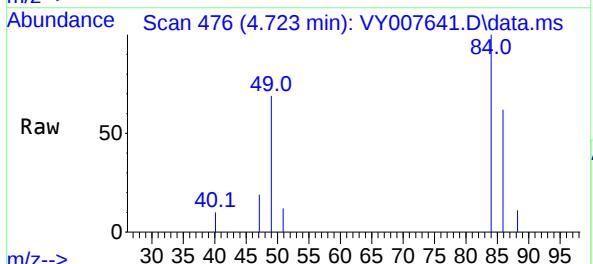
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

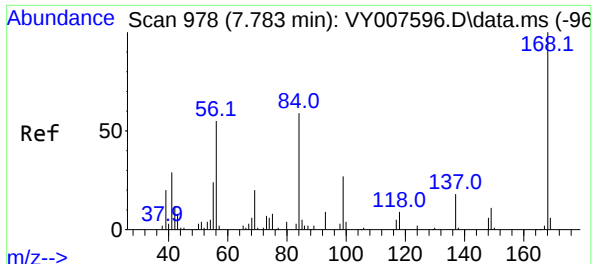
Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.007 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

Tgt Ion: 84 Resp: 1318
Ion Ratio Lower Upper
84 100
49 69.2 114.4 171.6#
51 12.1 35.3 52.9#
86 61.7 53.7 80.5

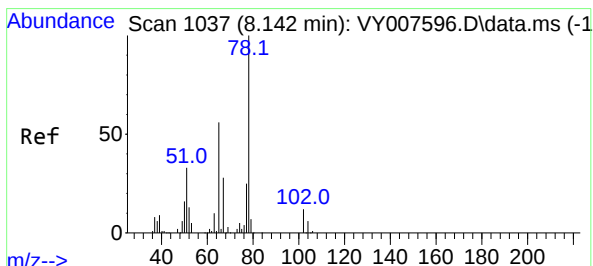
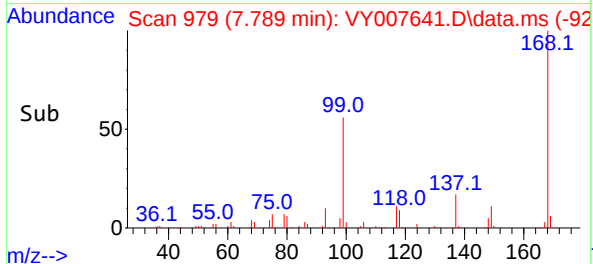
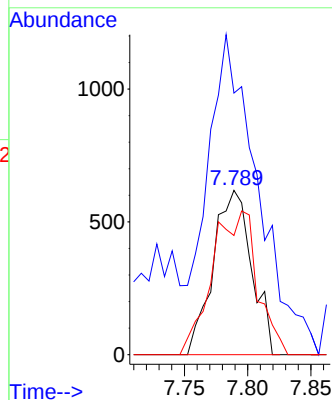
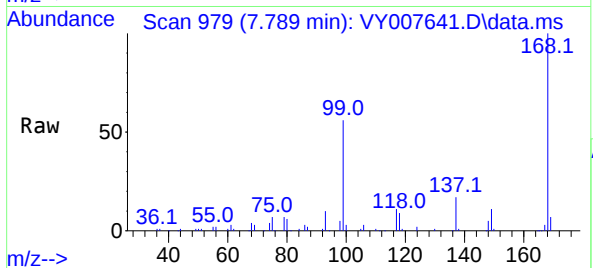




#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

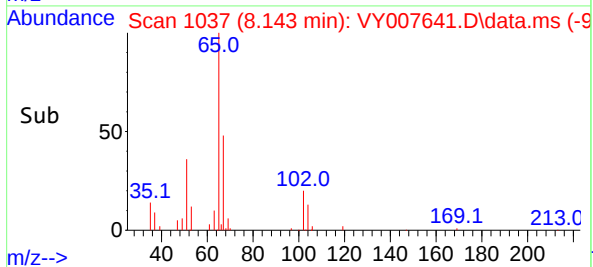
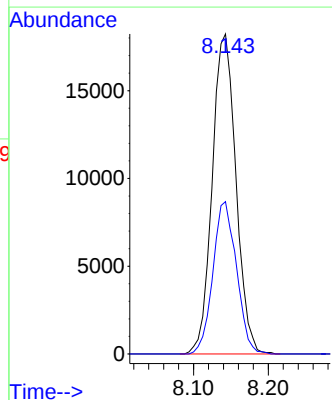
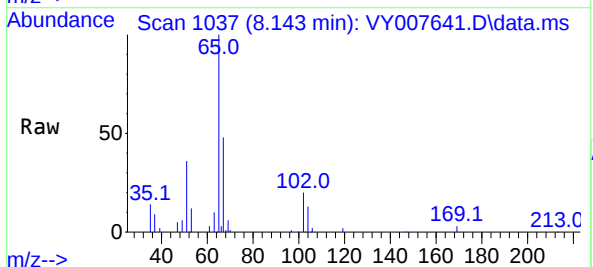
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

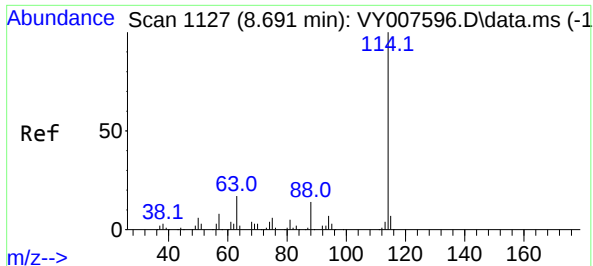
Tgt Ion: 56 Resp: 1313
Ion Ratio Lower Upper
56 100
69 126.7 26.7 40.1#
84 72.5 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 53.606 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

Tgt Ion: 65 Resp: 40232
Ion Ratio Lower Upper
65 100
67 47.3 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: VY007641.D

Acq: 25 Feb 2022 16:58

Instrument :

MSVOA_Y

ClientSampleId :

TP-6

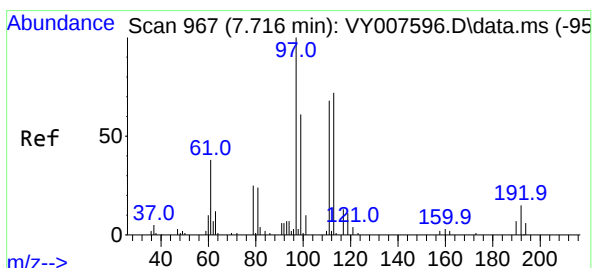
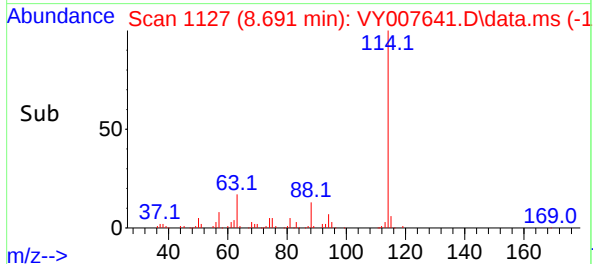
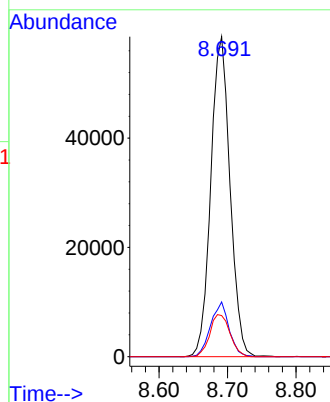
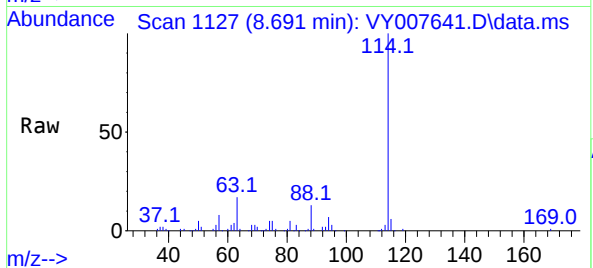
Tgt Ion:114 Resp: 113983

Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 12.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.955 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007641.D

Acq: 25 Feb 2022 16:58

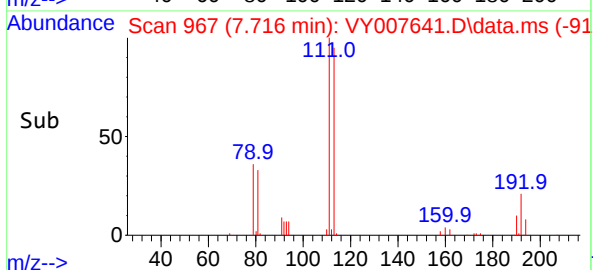
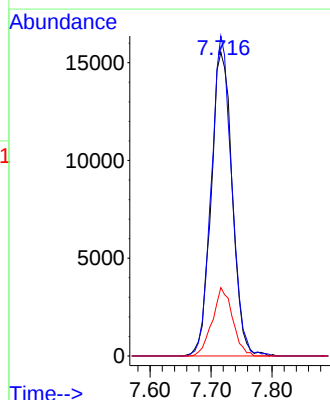
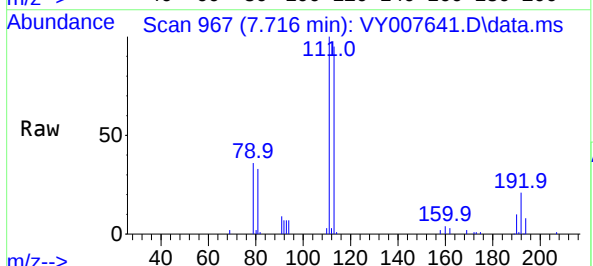
Tgt Ion:113 Resp: 37367

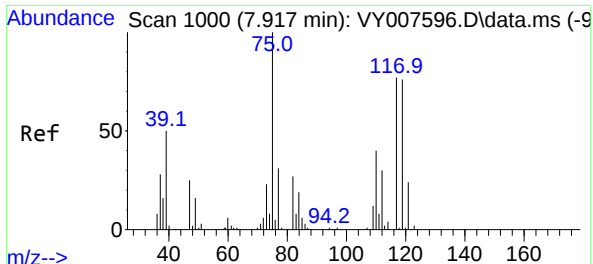
Ion Ratio Lower Upper

113 100

111 101.9 82.6 124.0

192 21.6 17.6 26.4

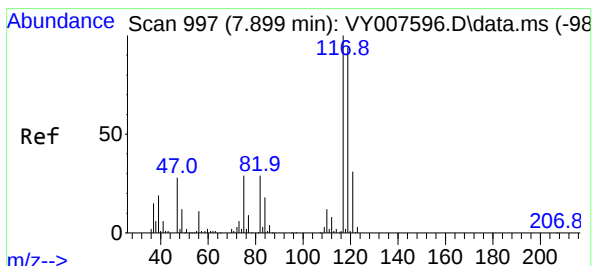
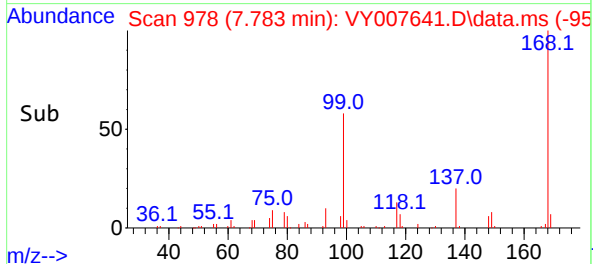
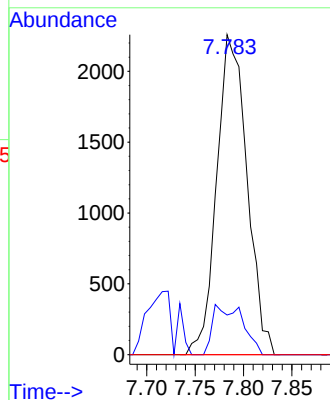
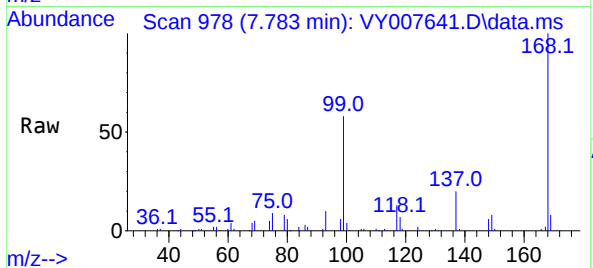




#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

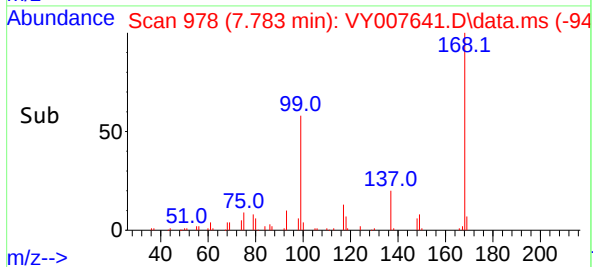
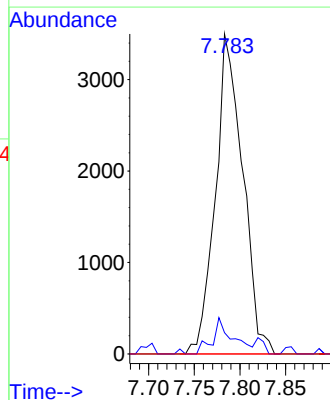
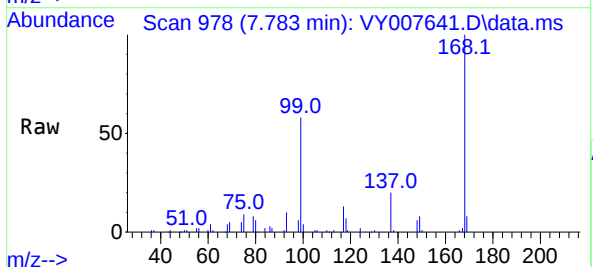
Instrument :
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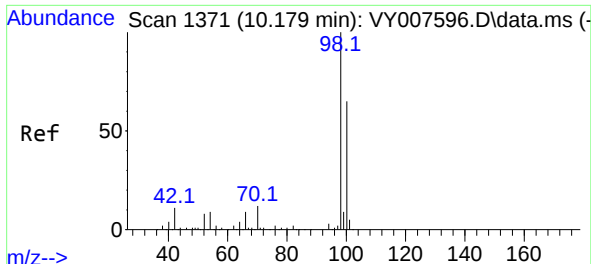
Tgt Ion: 75 Resp: 4919
Ion Ratio Lower Upper
75 100
110 15.3 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.776 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

Tgt Ion: 117 Resp: 7248
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#

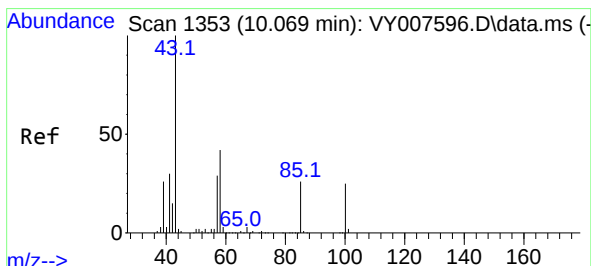
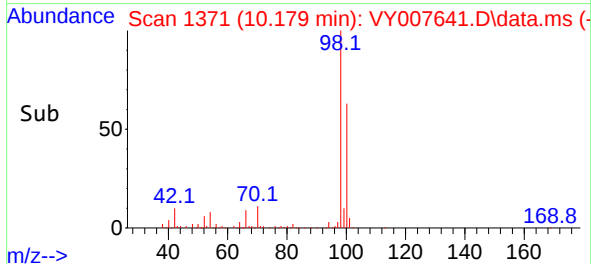
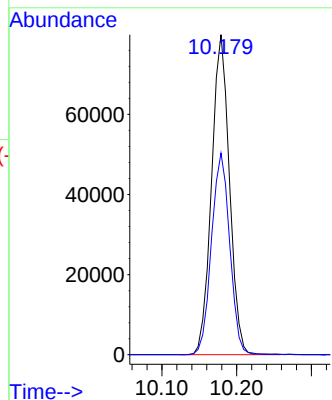
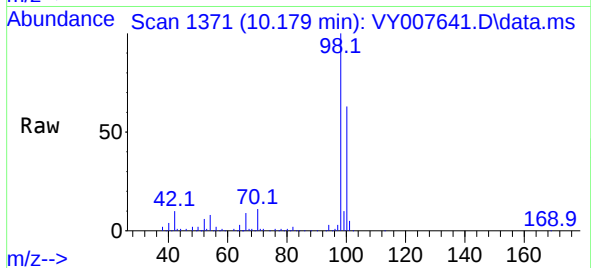




#50
Toluene-d8
Concen: 49.909 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

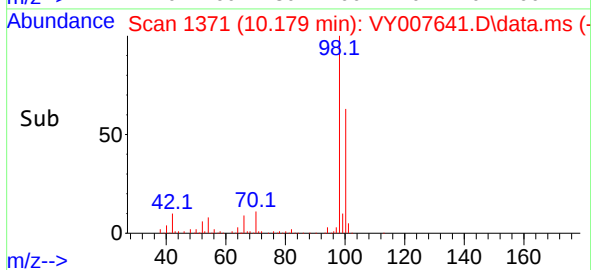
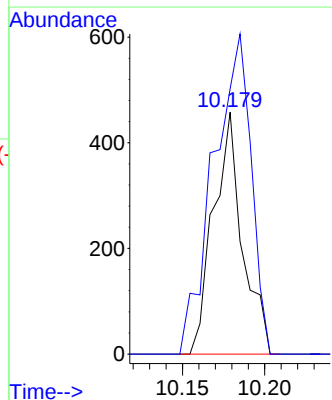
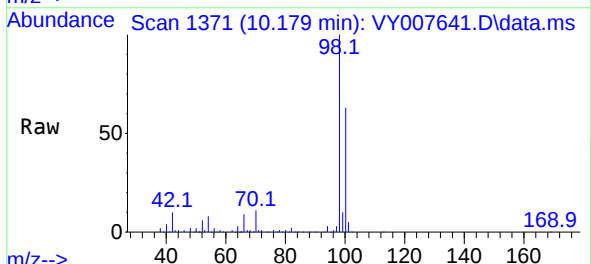
Instrument :
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ClientSampleId :
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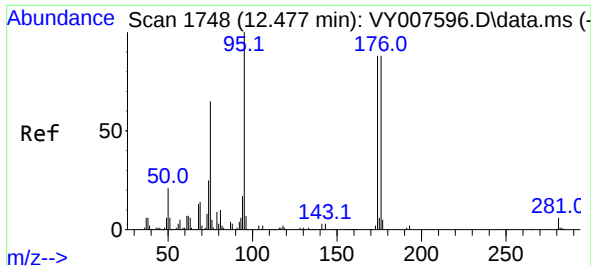
Tgt Ion: 98 Resp: 132786
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.163 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

Tgt Ion: 43 Resp: 558
Ion Ratio Lower Upper
43 100
58 172.6 28.1 42.1#

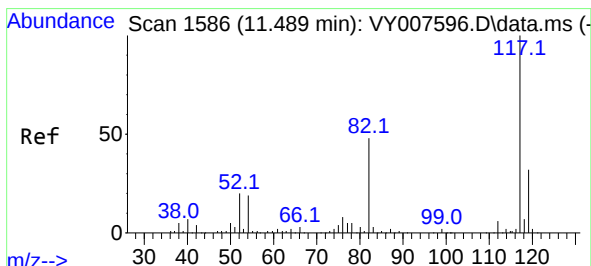
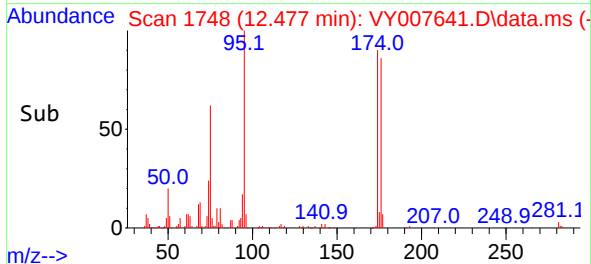
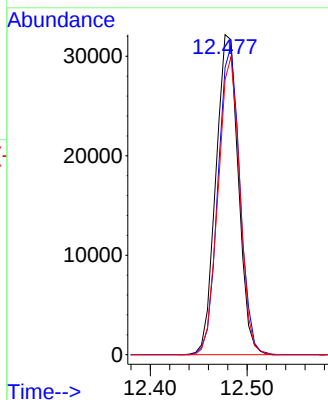
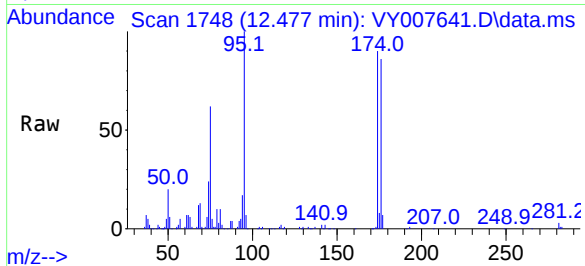




#62
4-Bromofluorobenzene
Concen: 56.961 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

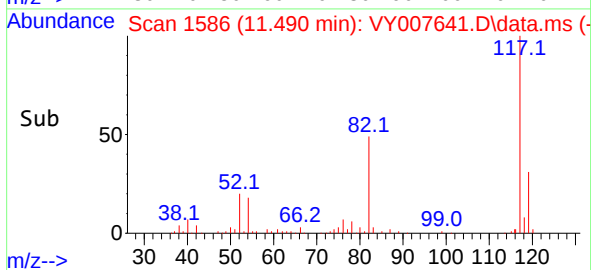
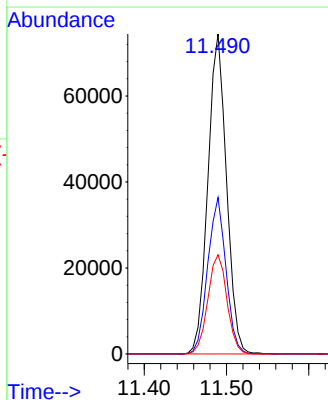
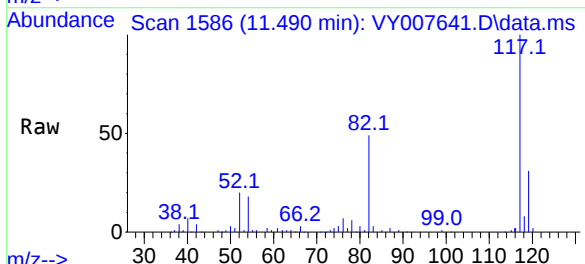
Instrument :
MSVOA_Y
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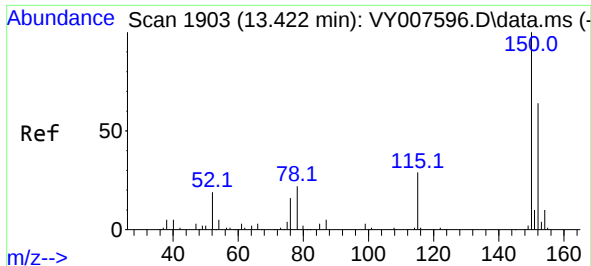
Tgt Ion:	95	Resp:	51801
Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	177.0
176	89.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

Tgt Ion:	117	Resp:	116893
Ion	Ratio	Lower	Upper
117	100		
82	48.9	43.0	64.4
119	31.0	25.4	38.0

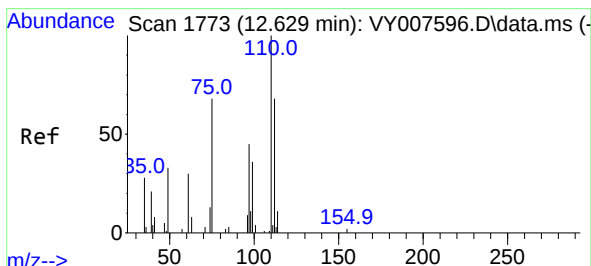
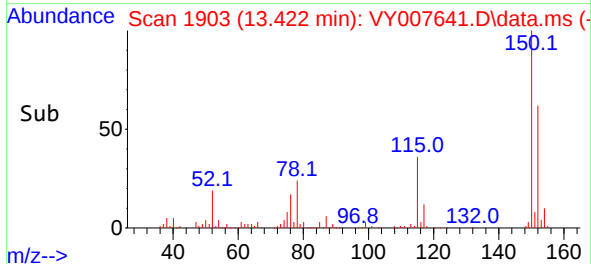
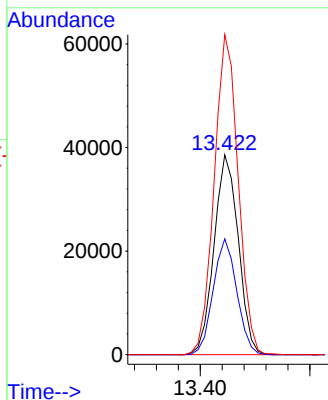
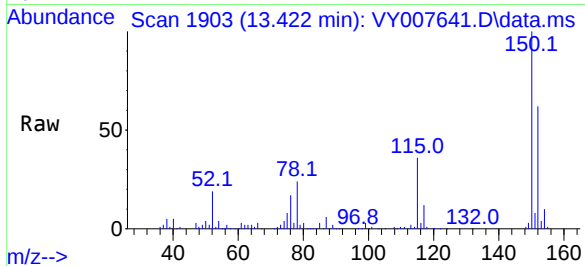




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

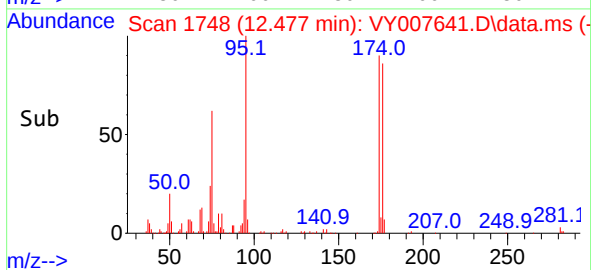
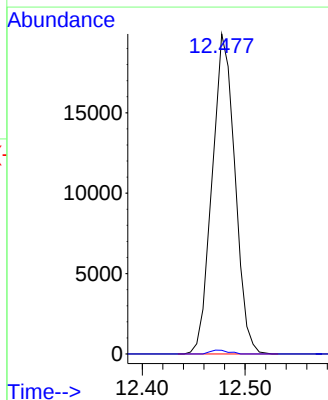
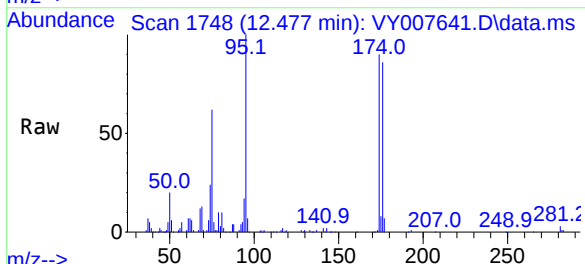
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

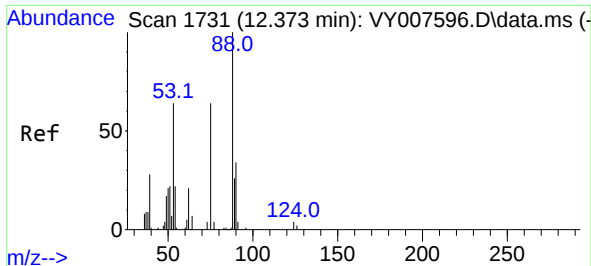
Tgt Ion:152 Resp: 59280
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 158.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.710 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY007641.D
Acq: 25 Feb 2022 16:58

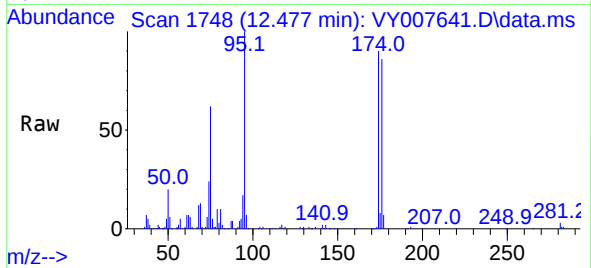
Tgt Ion: 75 Resp: 30658
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.184 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007641.D
 Acq: 25 Feb 2022 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6



Tgt Ion: 75 Resp: 30658
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

