

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012791.D
 Acq On : 03 Mar 2023 13:25
 Operator : KP/MD
 Sample : 01736-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6

Quant Time: Mar 03 14:37:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

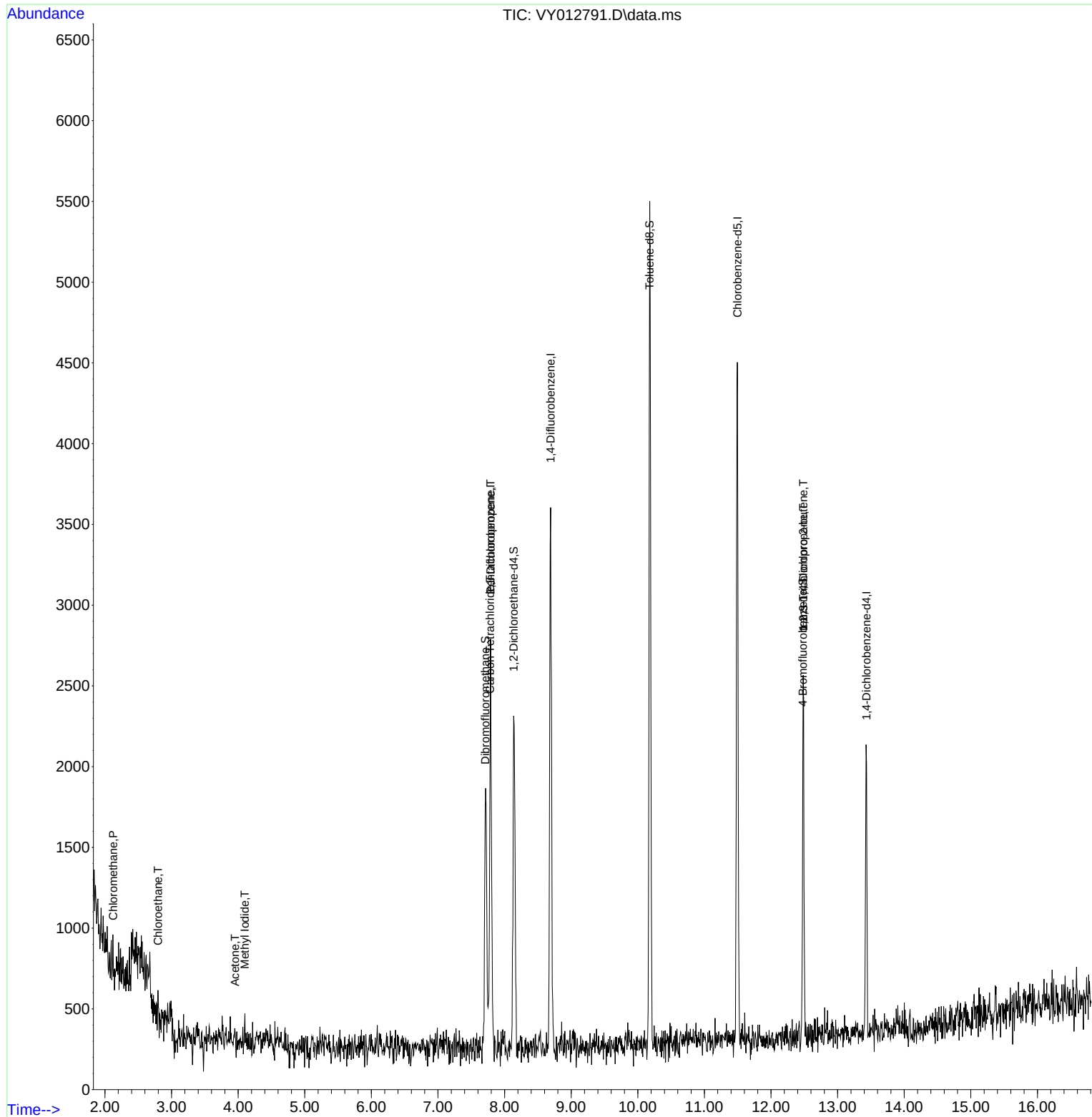
Internal Standards						
1) Pentafluorobenzene	7.789	168	2072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3408	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	2649	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1775	86.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 172.560%#	
35) Dibromofluoromethane	7.709	113	1377	66.951	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.900%	
50) Toluene-d8	10.178	98	3620	48.145	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.280%	
62) 4-Bromofluorobenzene	12.477	95	715	28.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 56.340%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.125	50	149	6.103	ug/l #	42
6) Chloroethane	2.796	64	75	5.594	ug/l #	43
10) Methyl Iodide	4.100	142	57	1.955	ug/l #	40
16) Acetone	3.954	43	22	2.725	ug/l #	44
20) Methylene Chloride	4.698	84	54	Below Cal	#	5
36) 1,1-Dichloropropene	7.789	75	74	2.147	ug/l #	41
38) Carbon Tetrachloride	7.782	117	140	3.933	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	402	59.059	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	402	122.373	ug/l #	13

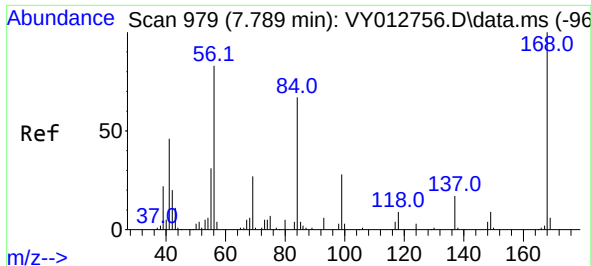
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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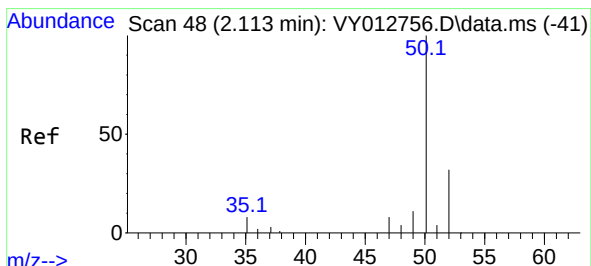
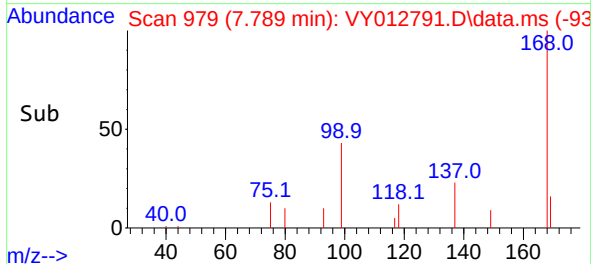
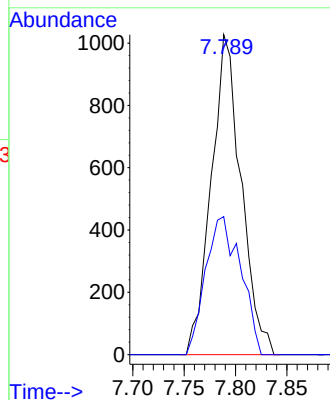
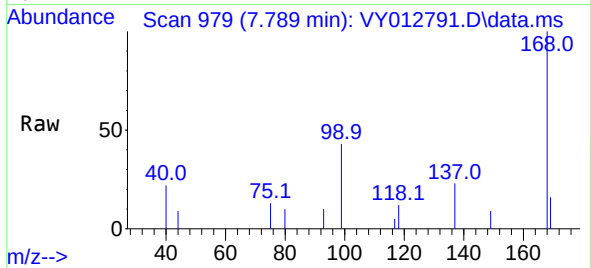




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

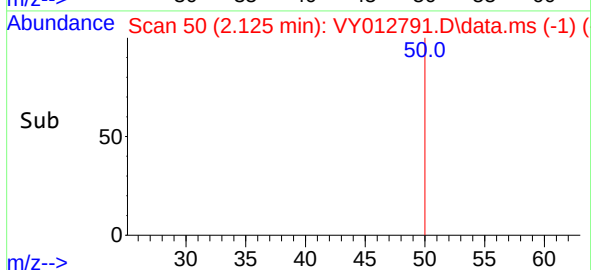
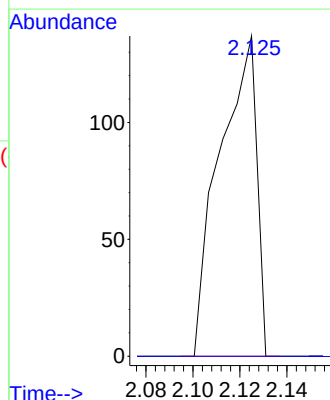
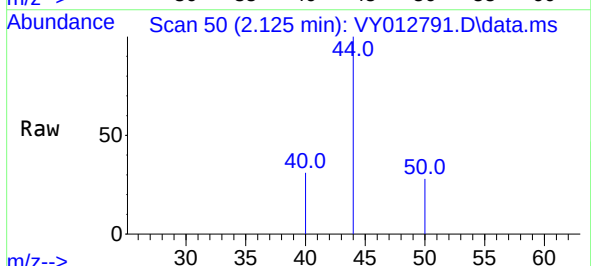
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

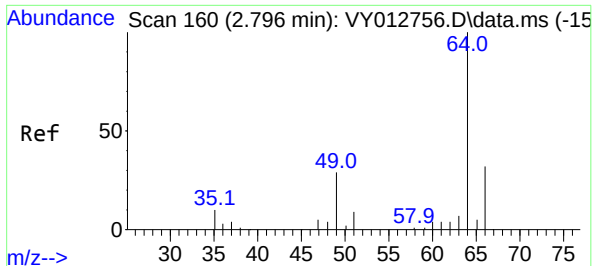
Tgt Ion:168 Resp: 2072
Ion Ratio Lower Upper
168 100
99 43.1 41.7 62.5



#3
Chloromethane
Concen: 6.103 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

Tgt Ion: 50 Resp: 149
Ion Ratio Lower Upper
50 100
52 0.0 26.0 39.0#

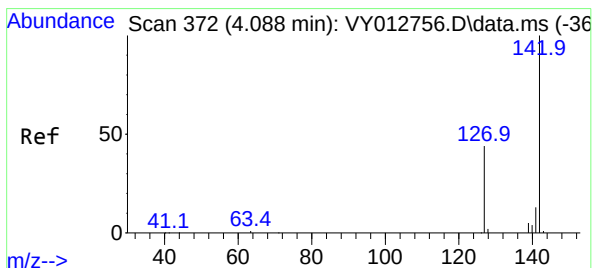
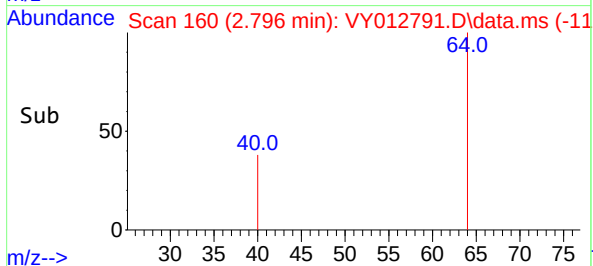
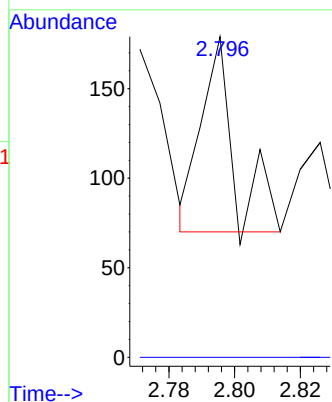
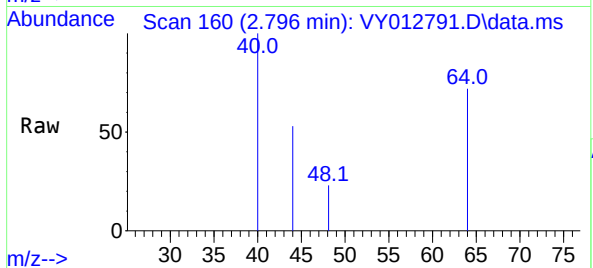




#6
Chloroethane
Concen: 5.594 ug/l
RT: 2.796 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

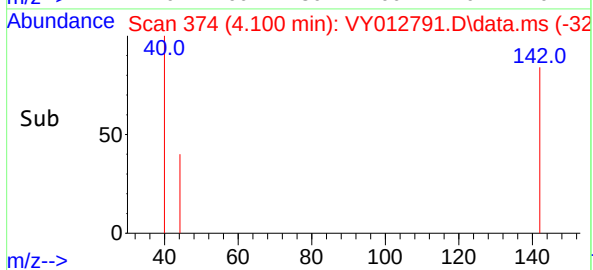
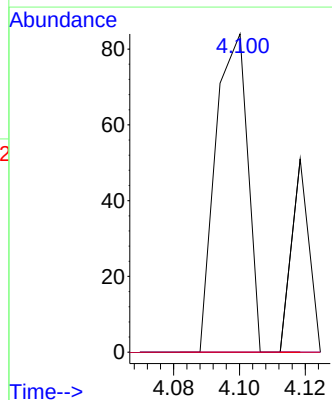
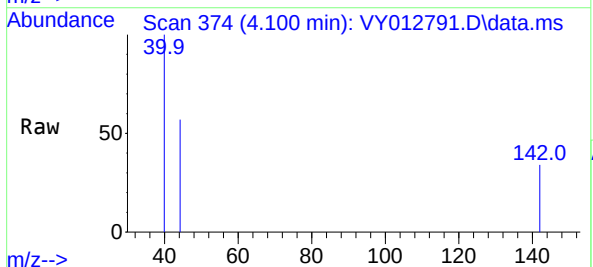
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

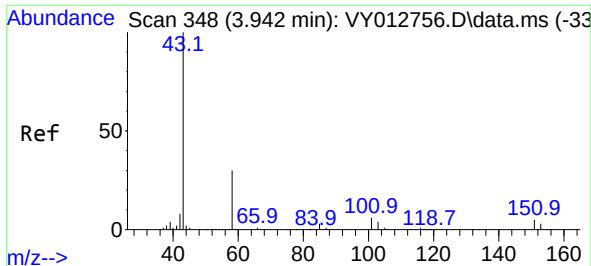
Tgt Ion: 64 Resp: 75
Ion Ratio Lower Upper
64 100
66 0.0 25.7 38.5#



#10
Methyl Iodide
Concen: 1.955 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

Tgt Ion: 142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 35.4 53.2#
141 0.0 11.3 16.9#

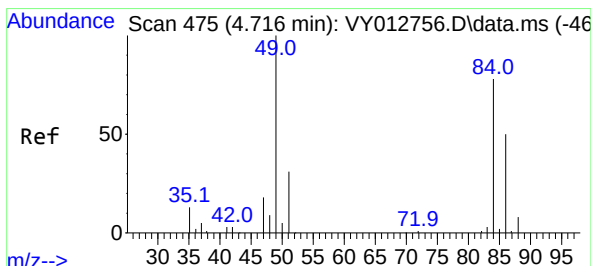
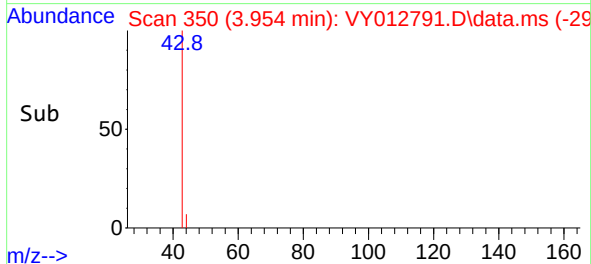
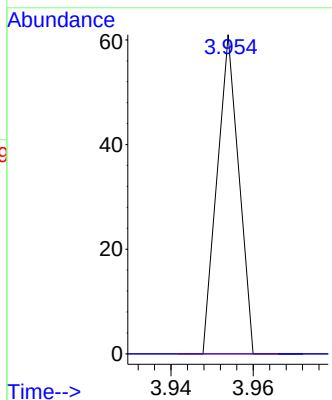
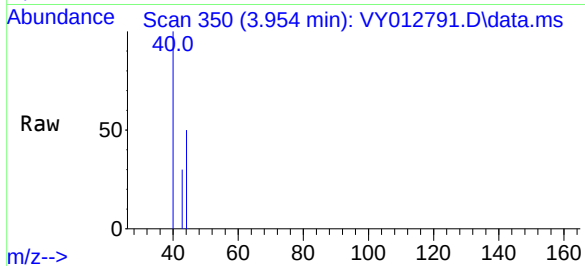




#16
Acetone
Concen: 2.725 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

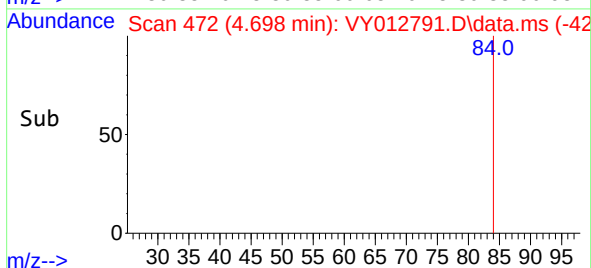
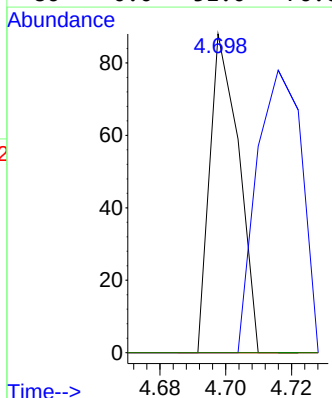
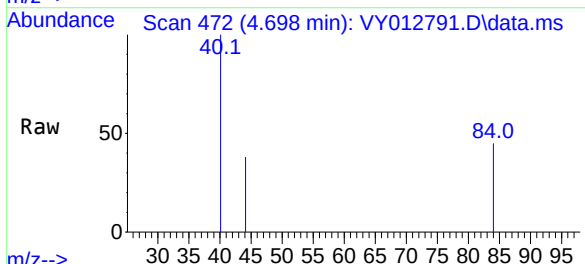
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

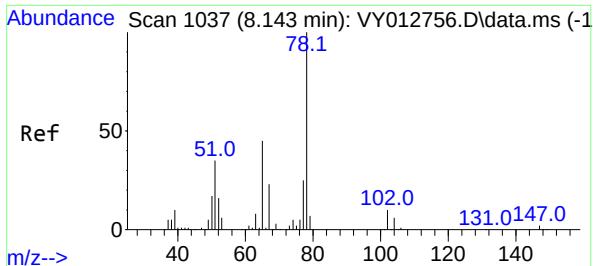
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.018 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

Tgt Ion: 84 Resp: 54
Ion Ratio Lower Upper
84 100
49 0.0 102.6 154.0#
51 0.0 31.9 47.9#
86 0.0 51.0 76.6#





#33

1,2-Dichloroethane-d4

Concen: 86.281 ug/l

RT: 8.136 min Scan# 1037

Delta R.T. -0.007 min

Lab File: VY012791.D

Acq: 03 Mar 2023 13:25

Instrument :

MSVOA_Y

ClientSampleId :

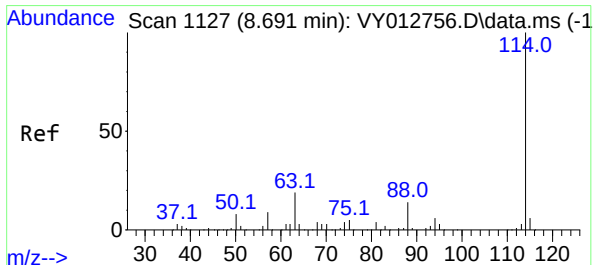
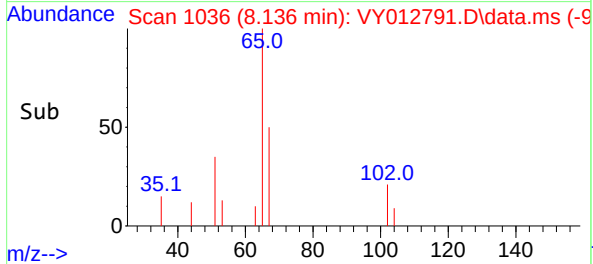
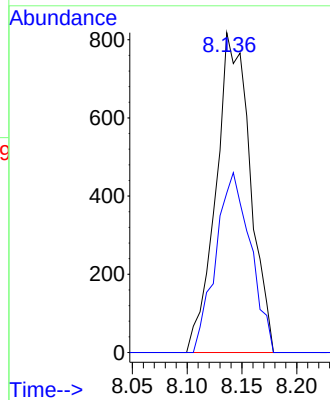
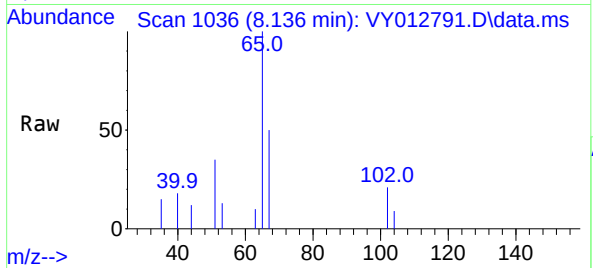
TP-6

Tgt Ion: 65 Resp: 1775

Ion Ratio Lower Upper

65 100

67 57.1 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012791.D

Acq: 03 Mar 2023 13:25

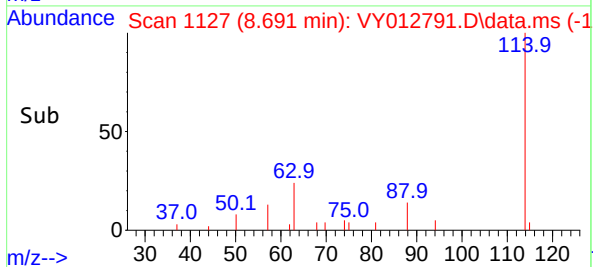
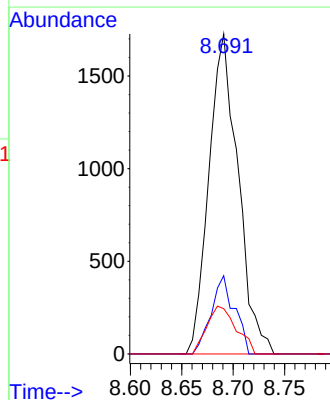
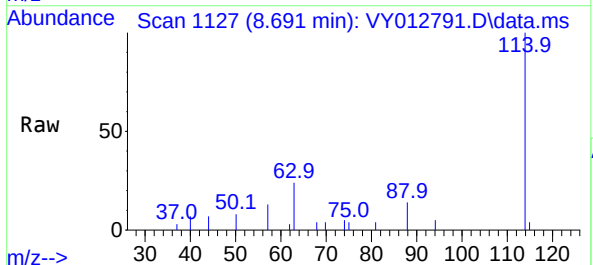
Tgt Ion: 114 Resp: 3408

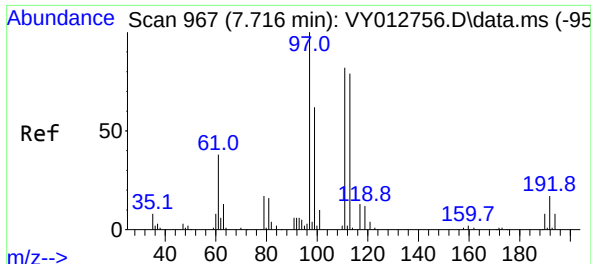
Ion Ratio Lower Upper

114 100

63 24.4 0.0 37.4

88 14.1 0.0 28.6

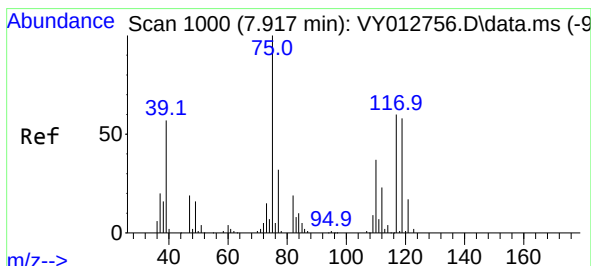
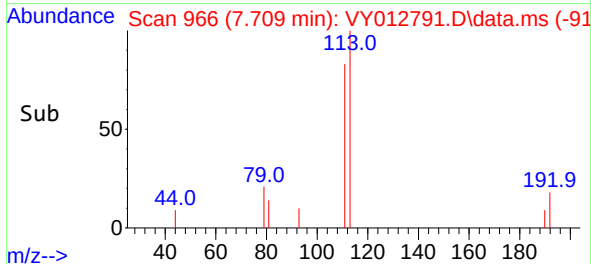
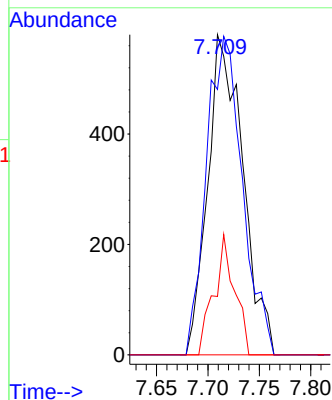
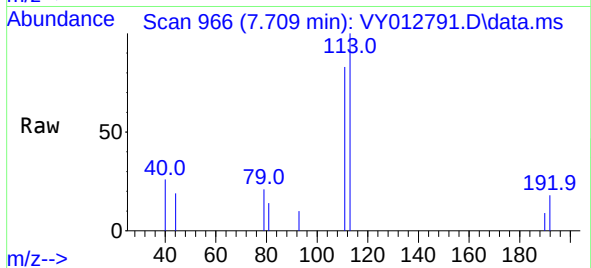




#35
Dibromofluoromethane
Concen: 66.951 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.007 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

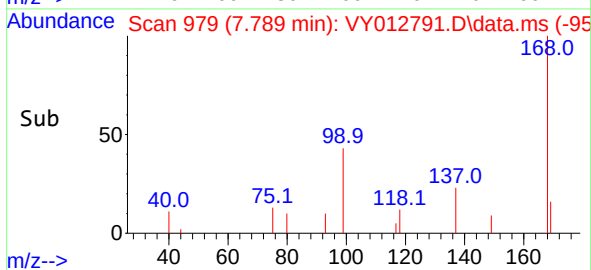
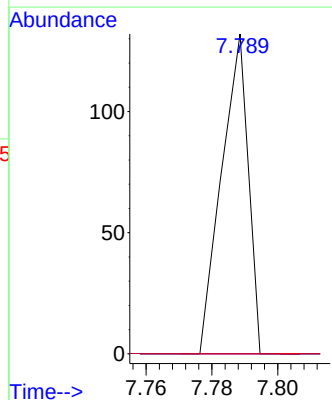
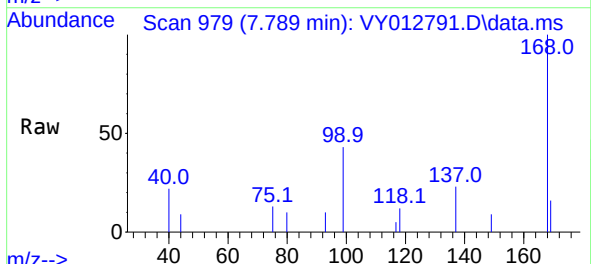
Instrument :
MSVOA_Y
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TP-6

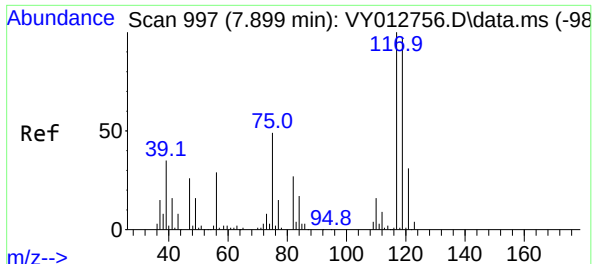
Tgt Ion:113 Resp: 1377
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 22.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 2.147 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

Tgt Ion: 75 Resp: 74
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#

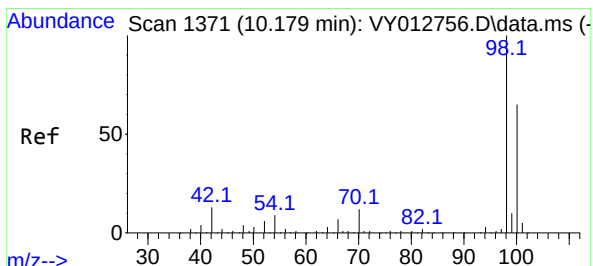
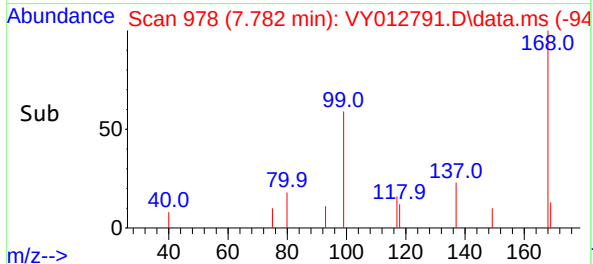
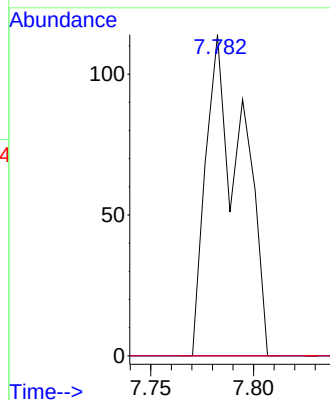
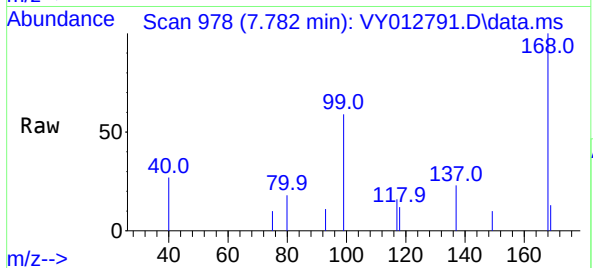




#38
Carbon Tetrachloride
Concen: 3.933 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

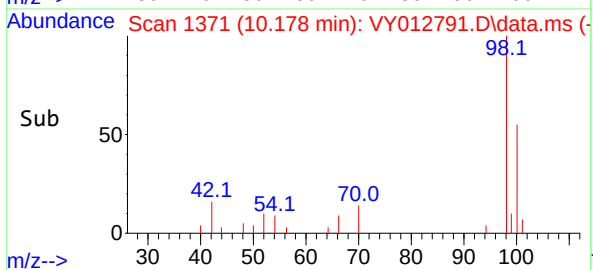
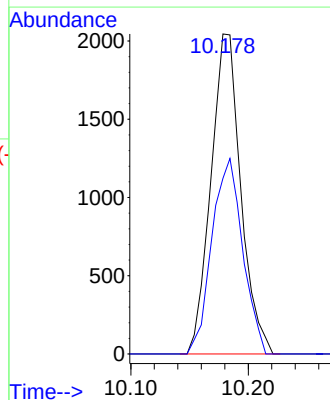
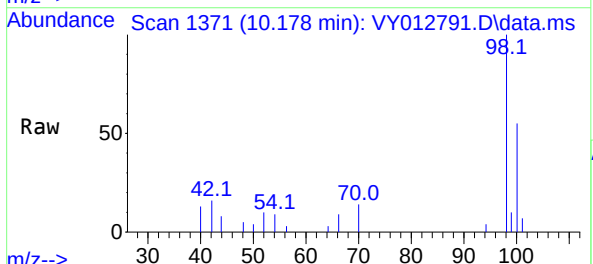
Instrument :
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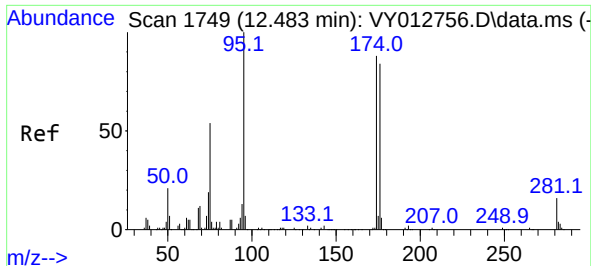
Tgt Ion:117 Resp: 140
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.145 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

Tgt Ion: 98 Resp: 3620
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

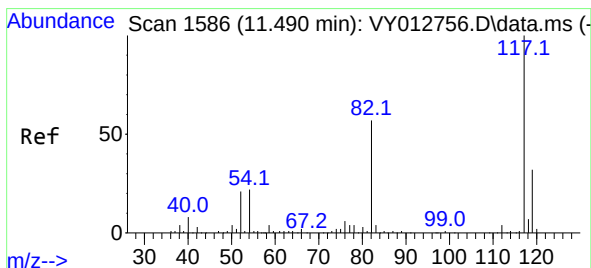
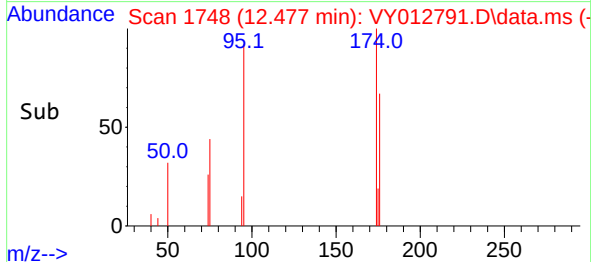
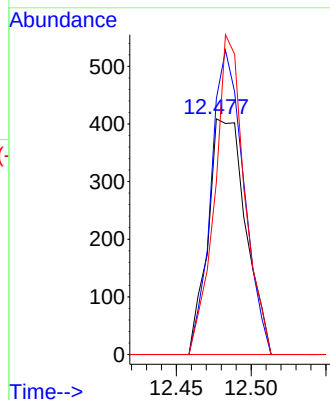
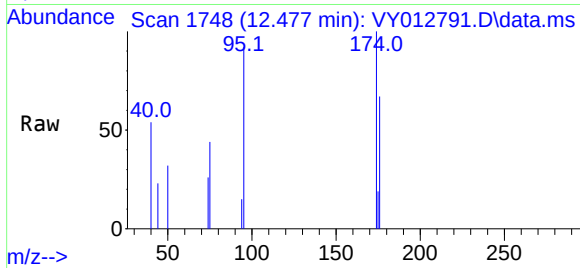




#62
4-Bromofluorobenzene
Concen: 28.174 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

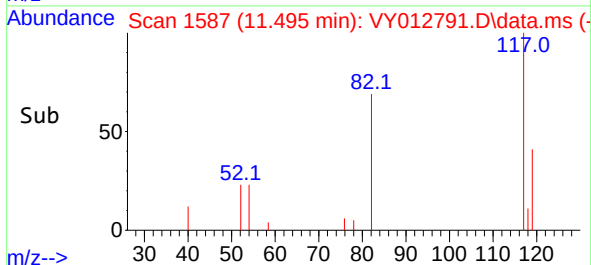
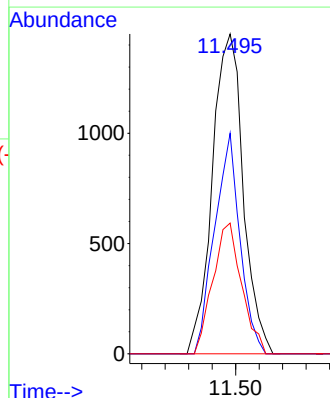
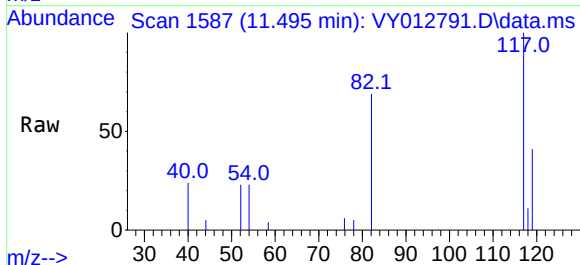
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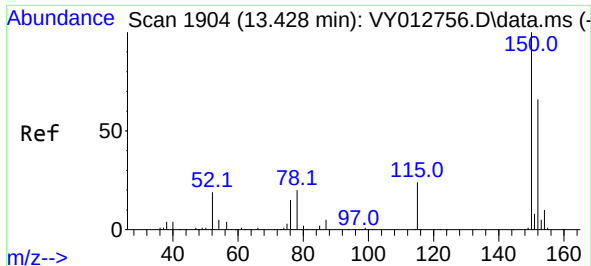
Tgt Ion: 95 Resp: 715
Ion Ratio Lower Upper
95 100
174 112.4 0.0 176.6
176 108.0 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

Tgt Ion: 117 Resp: 2649
Ion Ratio Lower Upper
117 100
82 69.0 45.4 68.0#
119 40.9 25.6 38.4#

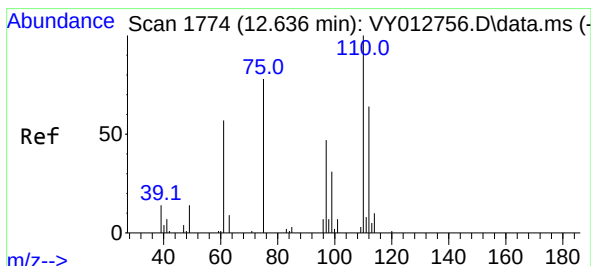
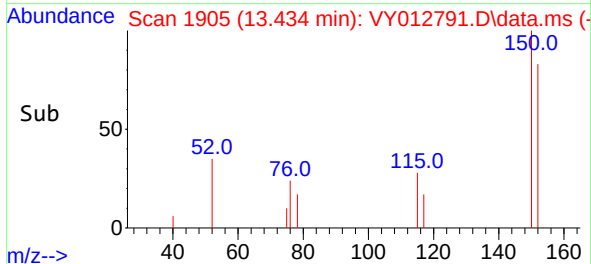
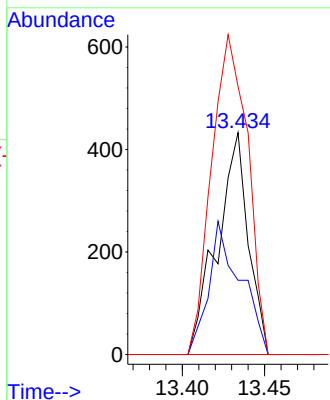
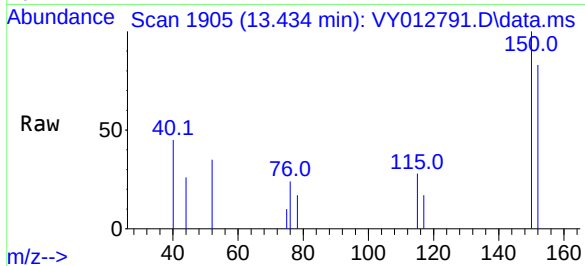




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

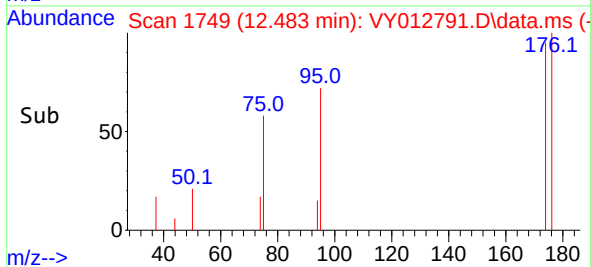
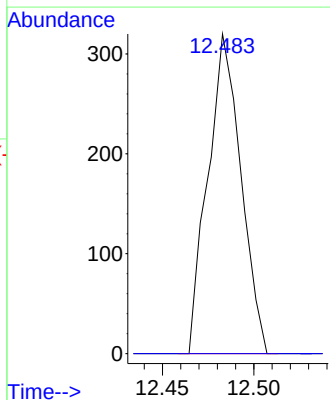
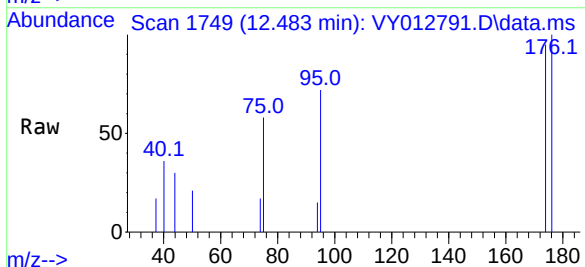
Instrument :
MSVOA_Y
ClientSampleId :
TP-6

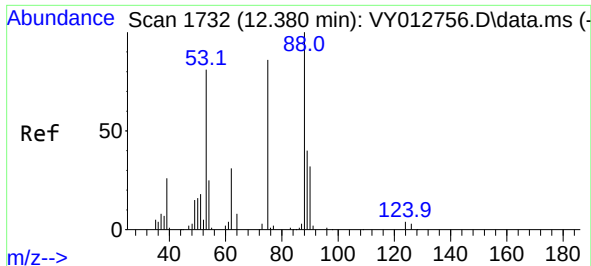
Tgt Ion:152 Resp: 570
Ion Ratio Lower Upper
152 100
115 61.2 27.1 81.3
150 167.4 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 59.059 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY012791.D
Acq: 03 Mar 2023 13:25

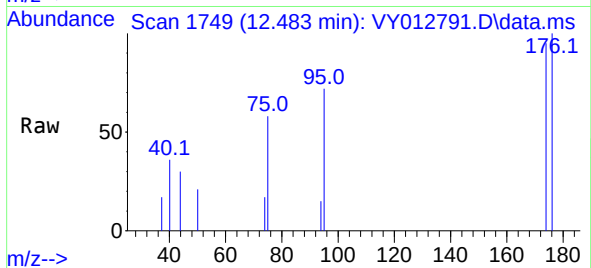
Tgt Ion: 75 Resp: 402
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.373 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012791.D
 Acq: 03 Mar 2023 13:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-6



Tgt Ion: 75 Resp: 402
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.4 110.0#
 89 0.0 36.6 55.0#

