

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012261.D
 Acq On : 19 Jan 2023 13:27
 Operator : KP/MD
 Sample : 01214-01
 Misc : 6.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011723-B3-0-10

Quant Time: Jan 20 03:23:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

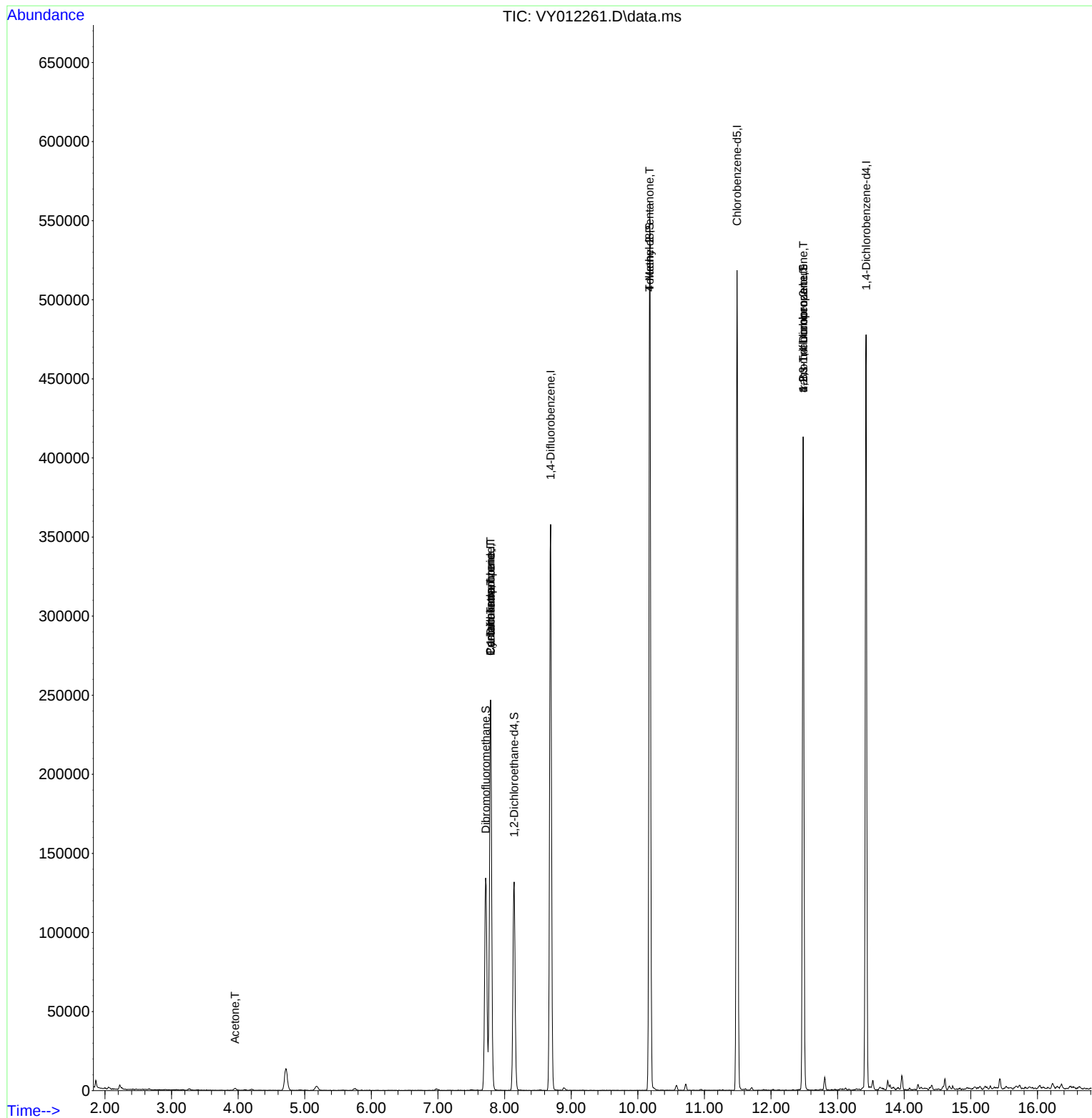
Internal Standards						
1) Pentafluorobenzene	7.789	168	197492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	320526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	296579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130327	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	112356	70.227	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 140.460%		
35) Dibromofluoromethane	7.716	113	94034	55.406	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 110.820%		
50) Toluene-d8	10.179	98	380647	66.128	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 132.260%		
62) 4-Bromofluorobenzene	12.483	95	119793	50.070	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 100.140%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	208	Below Cal	#	74
16) Acetone	3.954	43	2285	4.155	ug/l	98
20) Methylene Chloride	4.716	84	11829	Below Cal	#	85
31) Cyclohexane	7.789	56	3570	1.240	ug/l	# 31
36) 1,1-Dichloropropene	7.789	75	13266	4.599	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	19236	5.164	ug/l	# 17
51) 4-Methyl-2-Pentanone	10.179	43	1368	1.084	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	63331	52.846	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	63331	108.886	ug/l	# 13

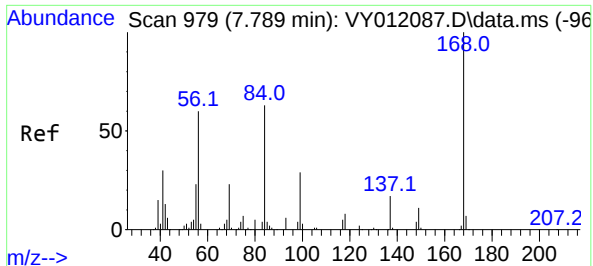
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
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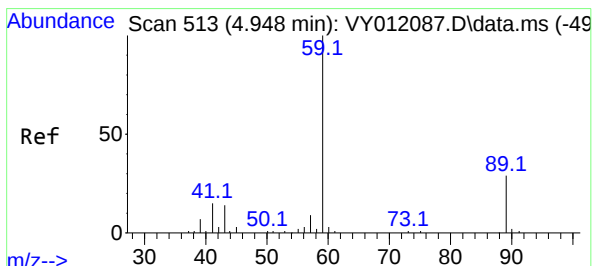
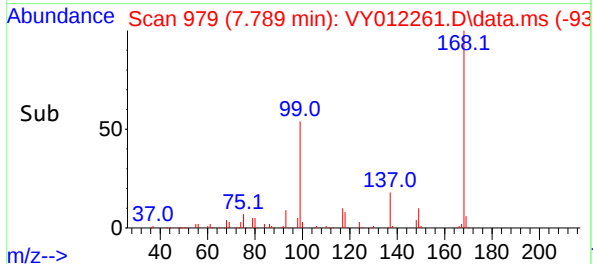
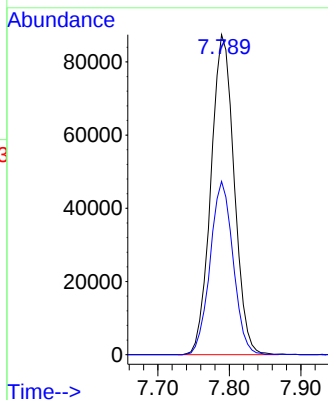
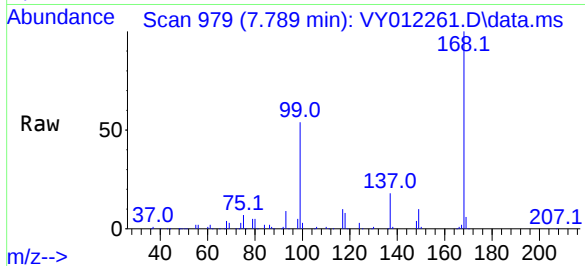




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

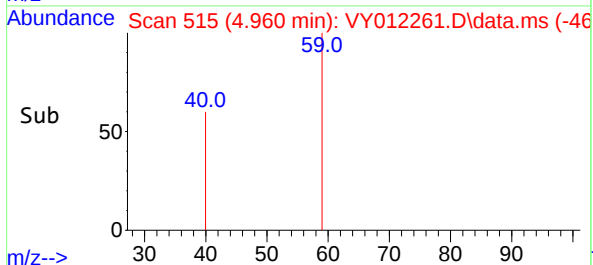
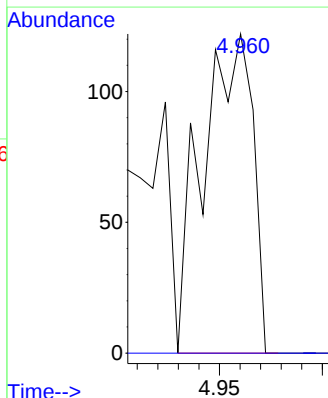
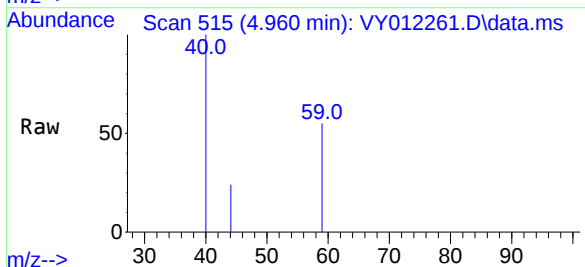
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10

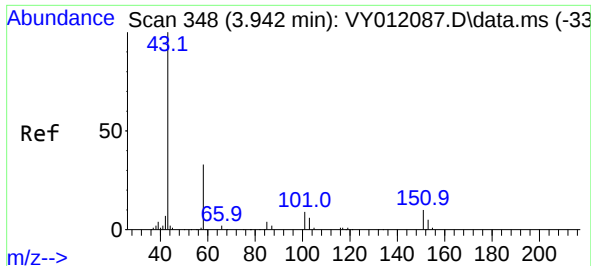
Tgt Ion:168 Resp: 197492
Ion Ratio Lower Upper
168 100
99 54.2 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

Tgt Ion: 59 Resp: 208
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

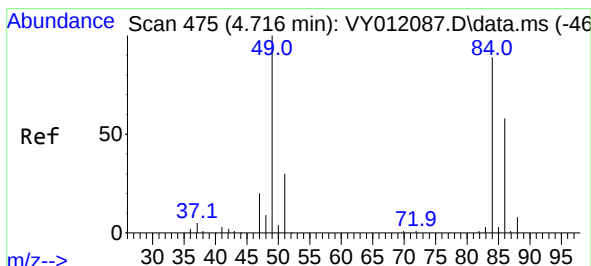
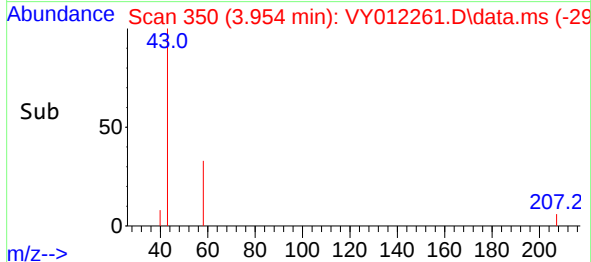
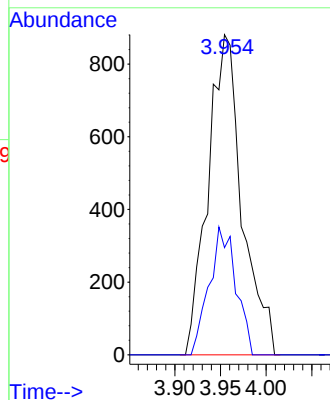
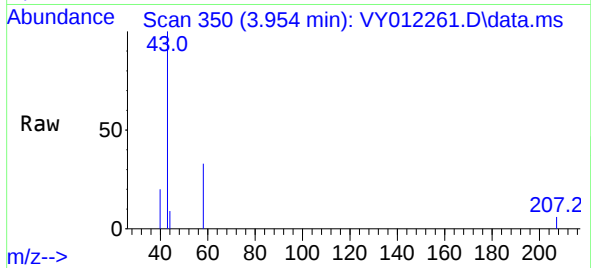




#16
Acetone
Concen: 4.155 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

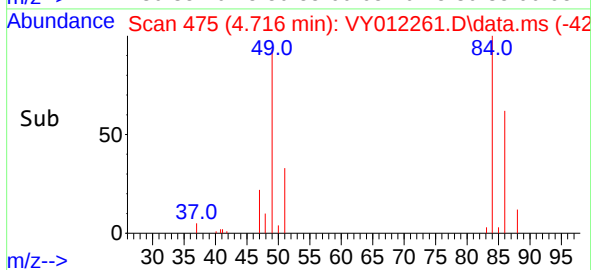
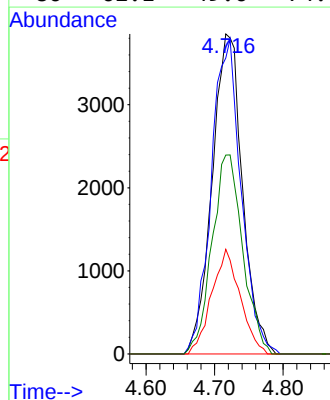
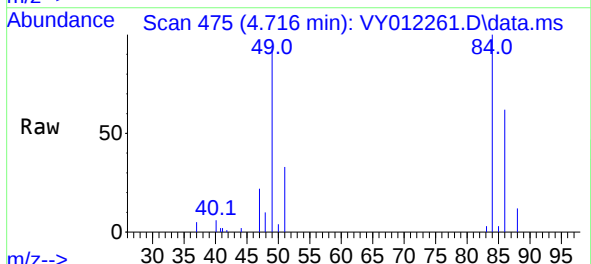
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10

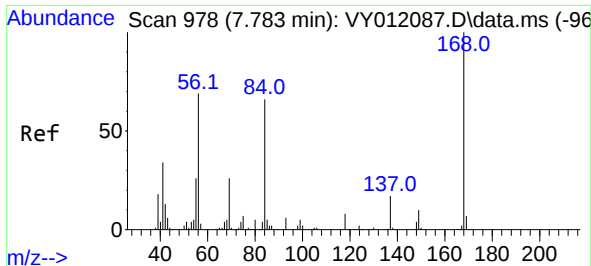
Tgt Ion: 43 Resp: 2285
Ion Ratio Lower Upper
43 100
58 33.5 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

Tgt Ion: 84 Resp: 11829
Ion Ratio Lower Upper
84 100
49 92.5 95.4 143.2#
51 32.7 29.9 44.9
86 62.1 49.6 74.4

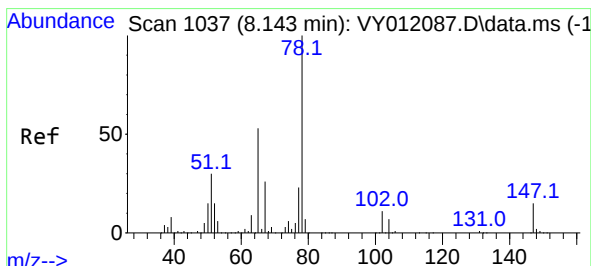
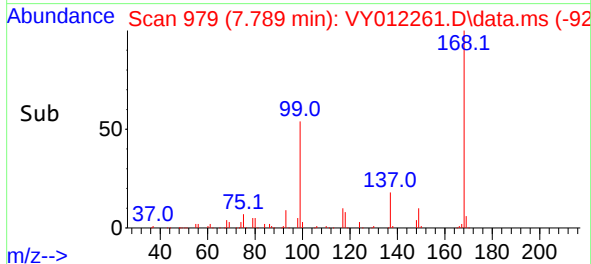
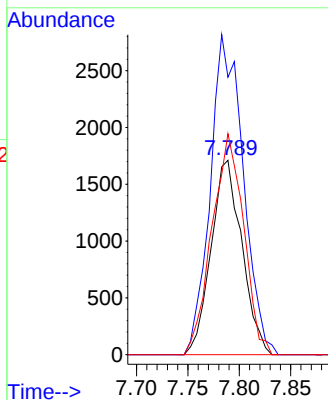
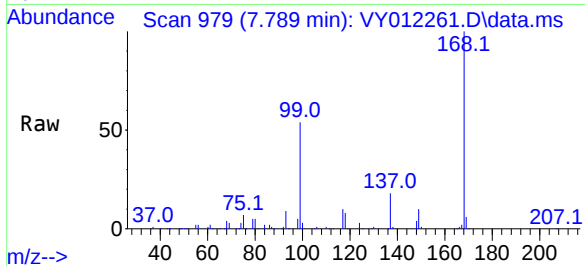




#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

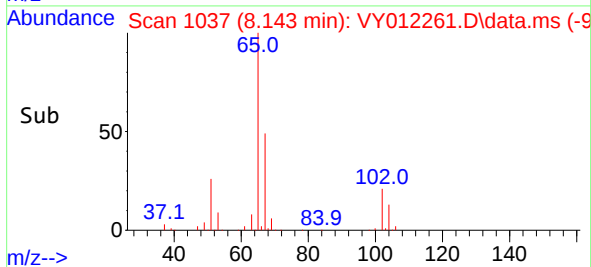
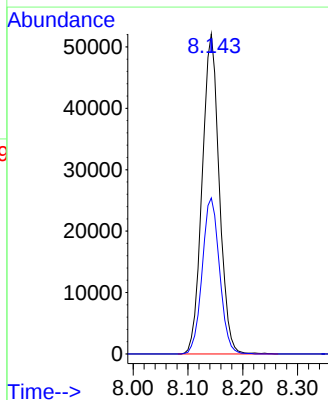
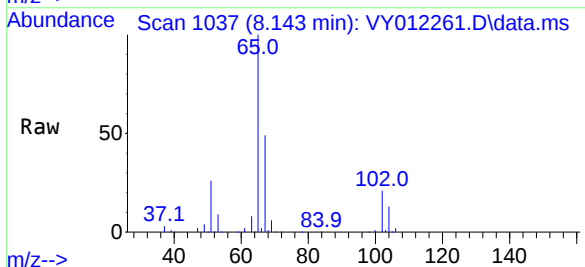
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10

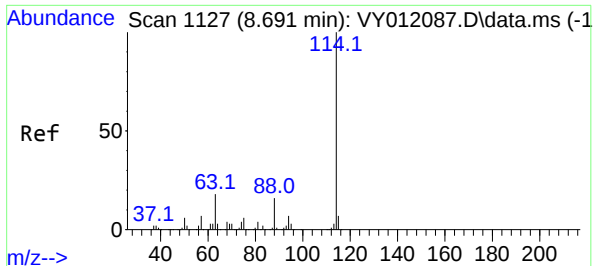
Tgt Ion: 56 Resp: 3570
Ion Ratio Lower Upper
56 100
69 142.8 29.2 43.8#
84 113.7 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 70.227 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

Tgt Ion: 65 Resp: 112356
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012261.D

Acq: 19 Jan 2023 13:27

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-011723-B3-0-10

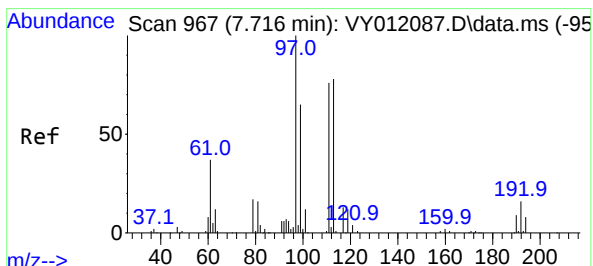
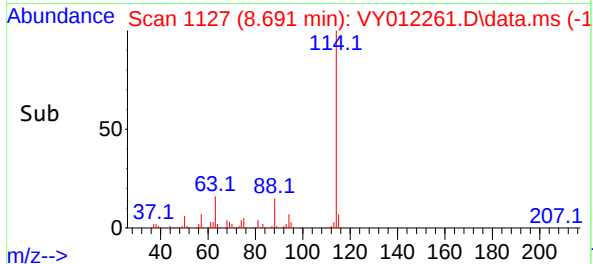
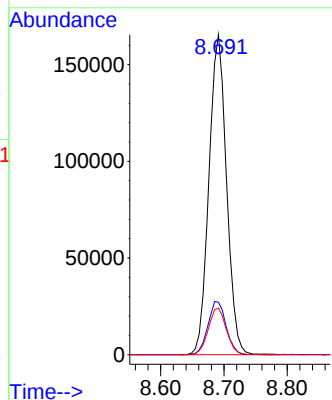
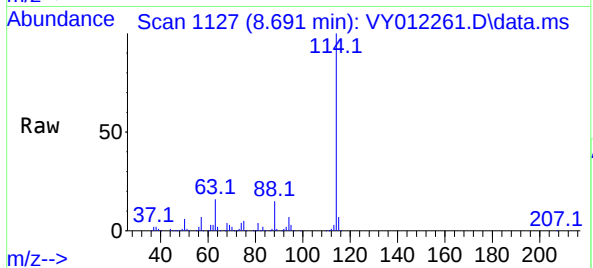
Tgt Ion:114 Resp: 320526

Ion Ratio Lower Upper

114 100

63 16.4 0.0 39.6

88 14.6 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.406 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012261.D

Acq: 19 Jan 2023 13:27

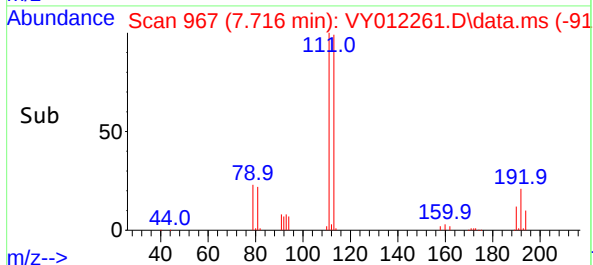
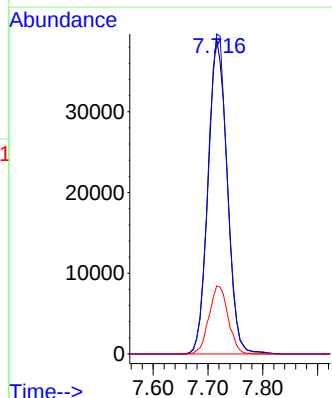
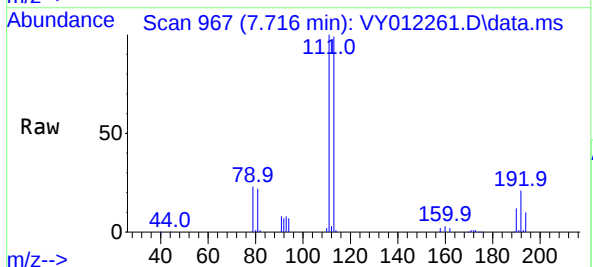
Tgt Ion:113 Resp: 94034

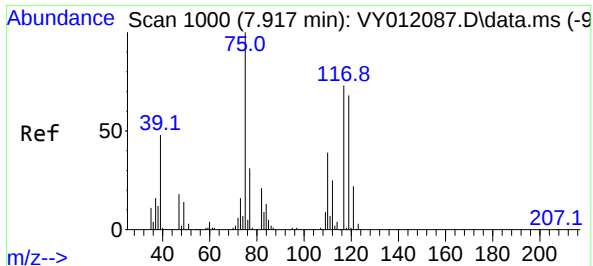
Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

192 21.6 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.599 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012261.D

Acq: 19 Jan 2023 13:27

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-011723-B3-0-10

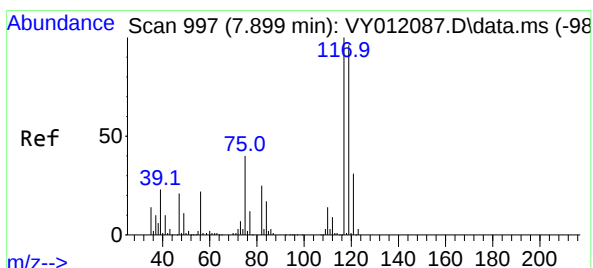
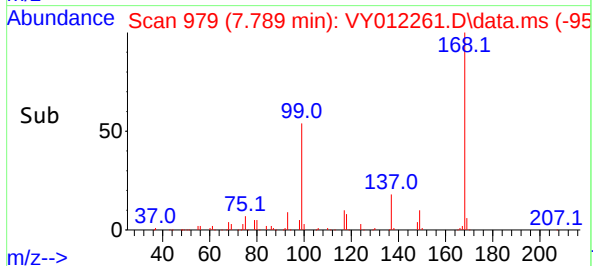
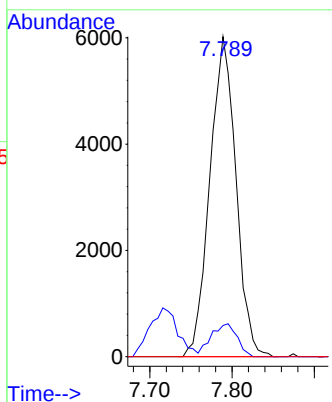
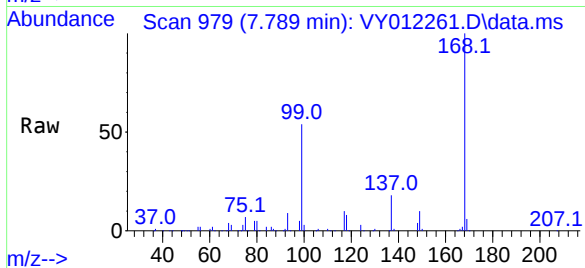
Tgt Ion: 75 Resp: 13266

Ion Ratio Lower Upper

75 100

110 10.2 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.164 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012261.D

Acq: 19 Jan 2023 13:27

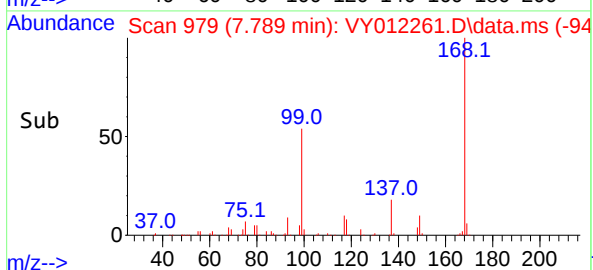
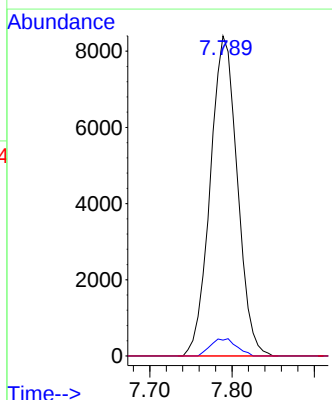
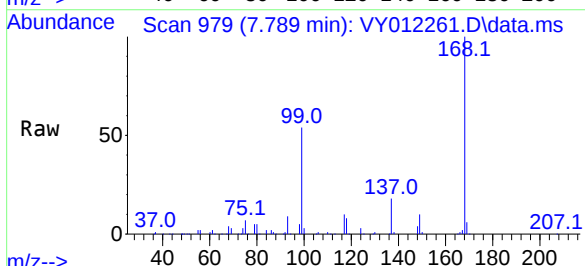
Tgt Ion:117 Resp: 19236

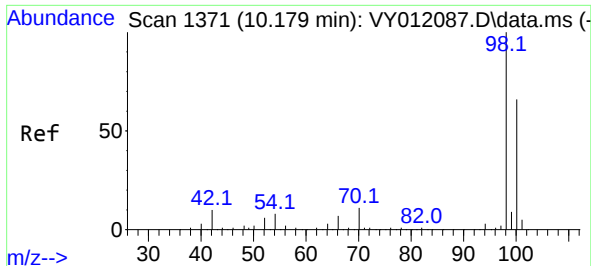
Ion Ratio Lower Upper

117 100

119 4.9 73.8 110.8#

121 0.0 25.2 37.8#

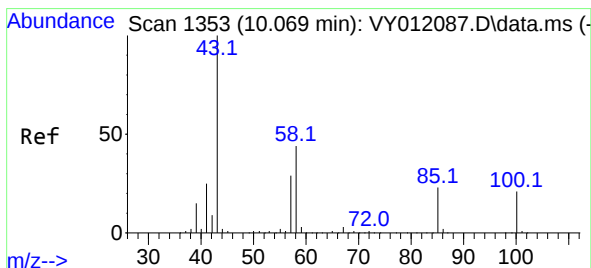
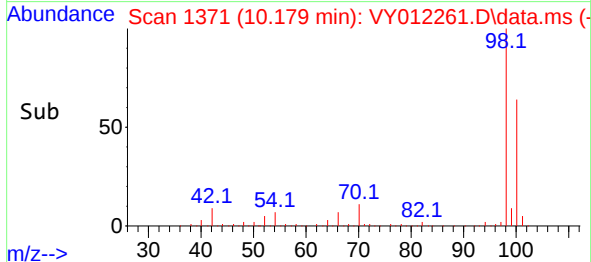
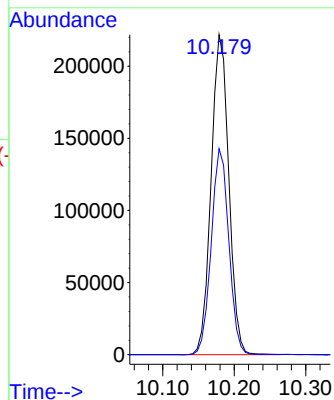
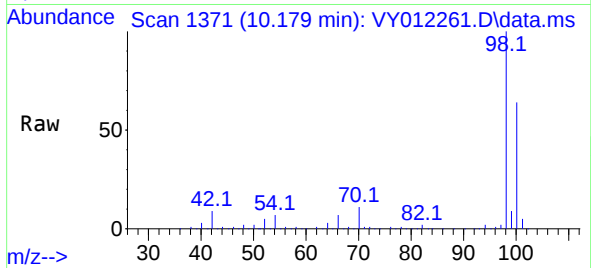




#50
Toluene-d8
Concen: 66.128 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

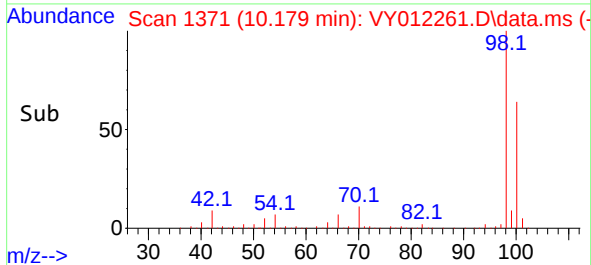
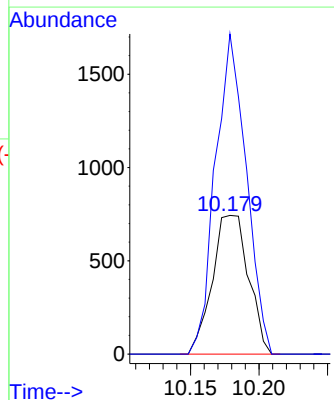
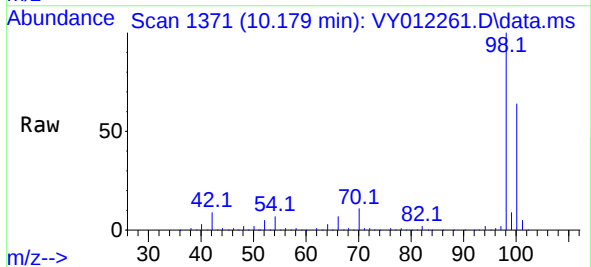
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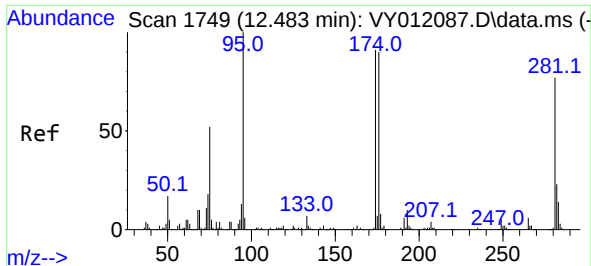
Tgt Ion: 98 Resp: 380647
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.084 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

Tgt Ion: 43 Resp: 1368
Ion Ratio Lower Upper
43 100
58 196.6 32.9 49.3#

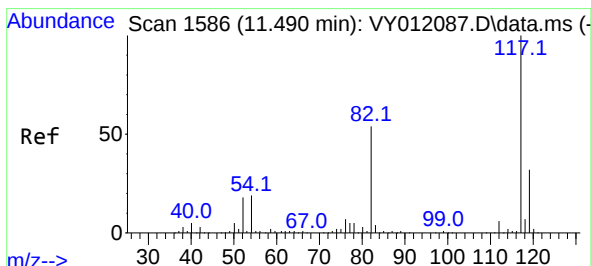
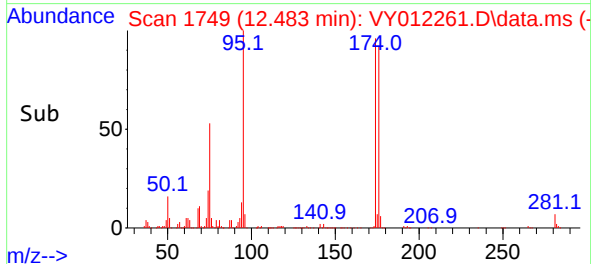
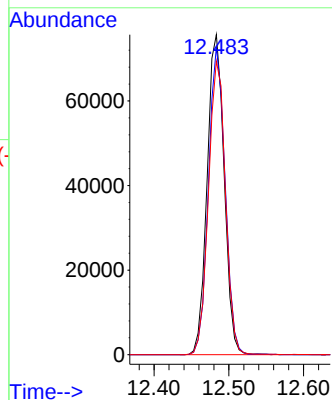
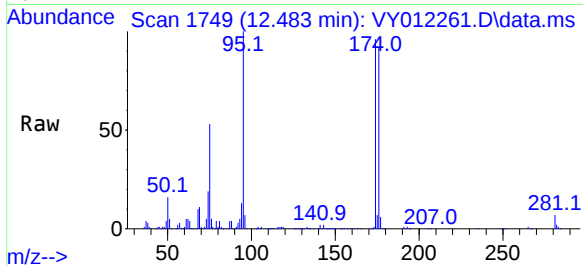




#62
4-Bromofluorobenzene
Concen: 50.070 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

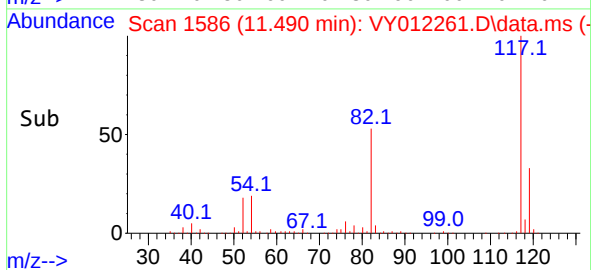
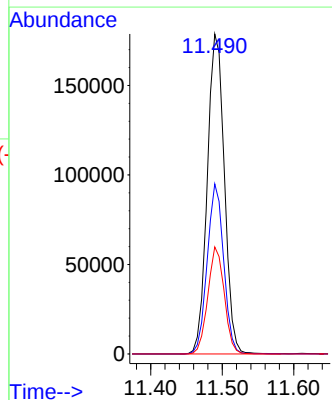
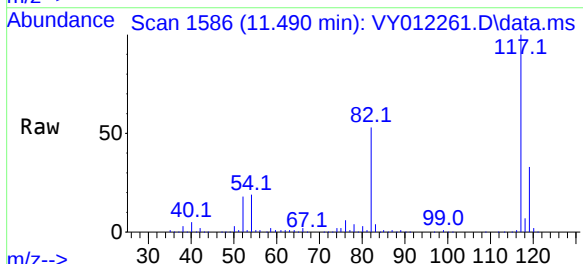
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10

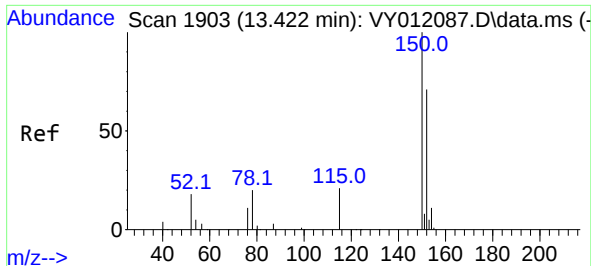
Tgt Ion: 95 Resp: 119793
Ion Ratio Lower Upper
95 100
174 94.4 0.0 172.0
176 91.7 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

Tgt Ion: 117 Resp: 296579
Ion Ratio Lower Upper
117 100
82 53.2 44.8 67.2
119 33.4 25.4 38.2

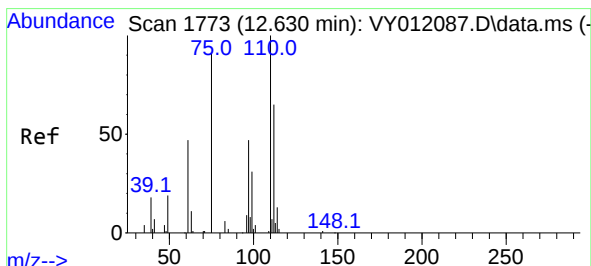
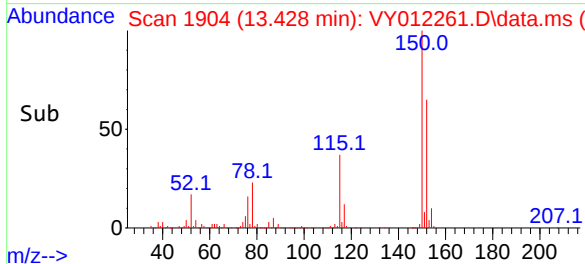
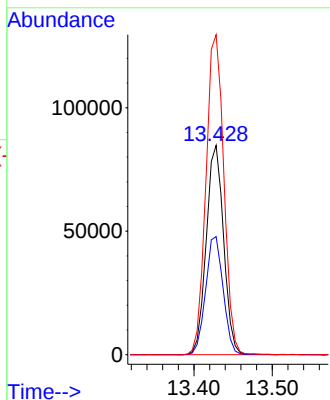
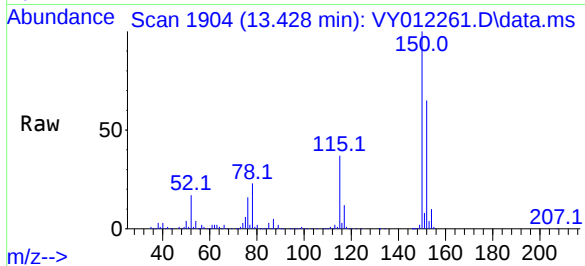




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

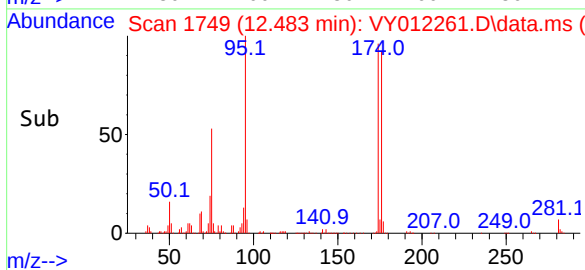
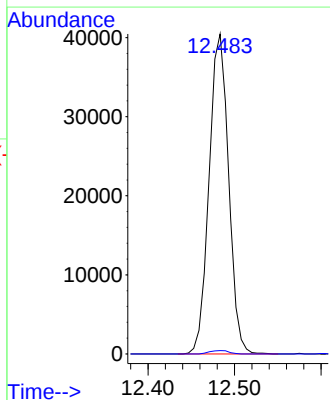
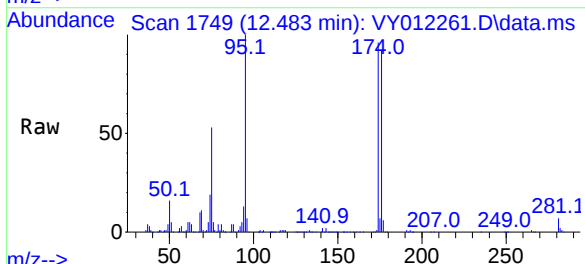
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-0-10

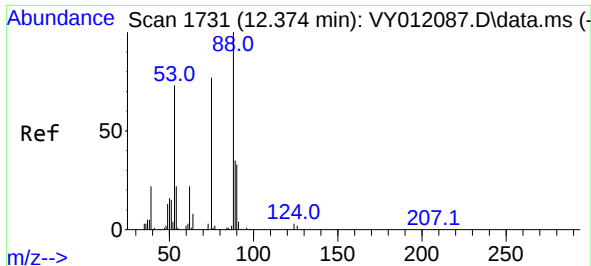
Tgt Ion:152 Resp: 130327
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 157.2 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 52.846 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012261.D
Acq: 19 Jan 2023 13:27

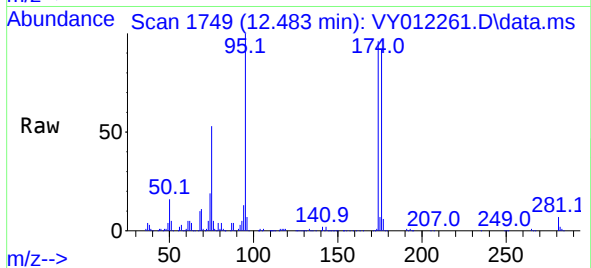
Tgt Ion: 75 Resp: 63331
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.886 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012261.D
 Acq: 19 Jan 2023 13:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011723-B3-0-10



Tgt Ion: 75 Resp: 63331
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

