

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012262.D
 Acq On : 19 Jan 2023 13:50
 Operator : KP/MD
 Sample : 01214-04
 Misc : 7.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011723-B3-10-20

Quant Time: Jan 20 03:23:47 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)

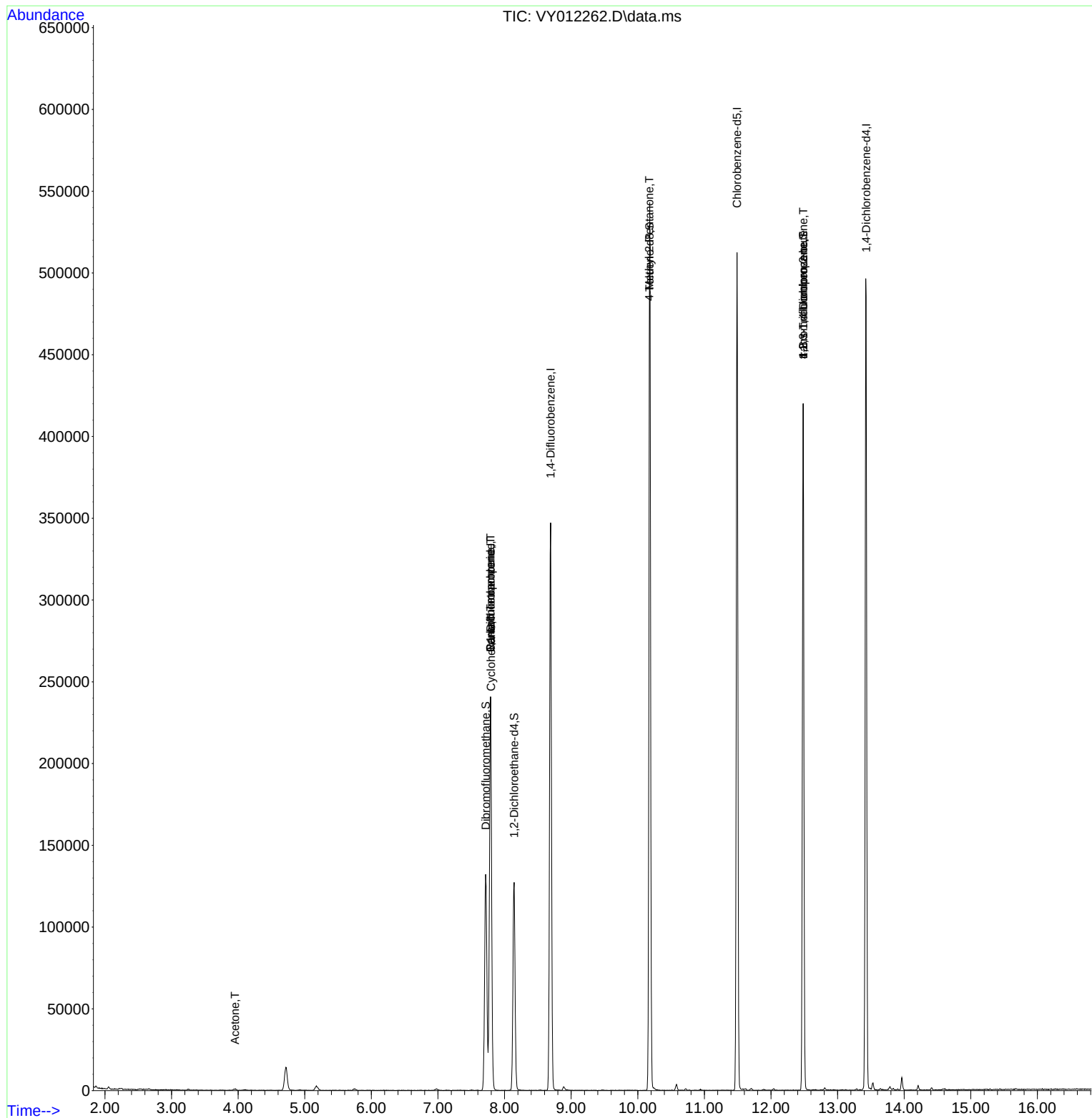
Internal Standards						
1) Pentafluorobenzene	7.789	168	188525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	309350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	292119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	106309	69.570	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.140%	
35) Dibromofluoromethane	7.716	113	90993	55.551	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.100%	
50) Toluene-d8	10.179	98	361546	65.004	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 130.000%	
62) 4-Bromofluorobenzene	12.483	95	120614	52.234	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.460%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	203	Below Cal	#	74
16) Acetone	3.954	43	1501	2.859	ug/l	96
20) Methylene Chloride	4.710	84	11826	Below Cal	#	81
31) Cyclohexane	7.795	56	3365	1.224	ug/l	# 14
36) 1,1-Dichloropropene	7.789	75	12337	4.432	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	18287	5.086	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.173	43	1231	1.011	ug/l	# 1
76) 1,2,3-Trichloropropane	12.483	75	64351	51.520	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	64351	106.154	ug/l	# 13

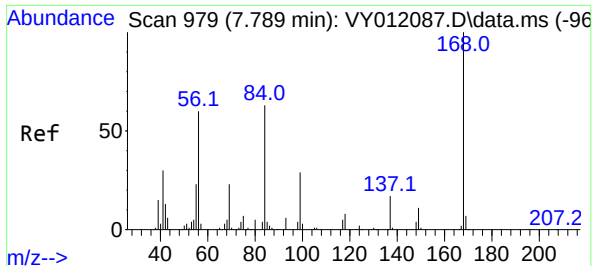
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TJRC-011723-B3-10-20

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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

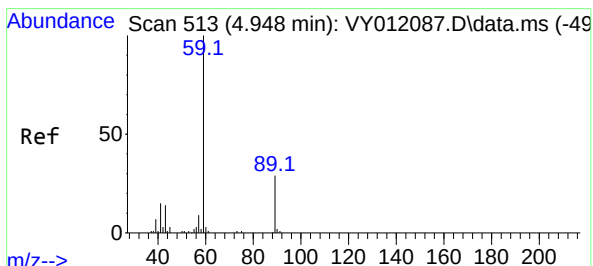
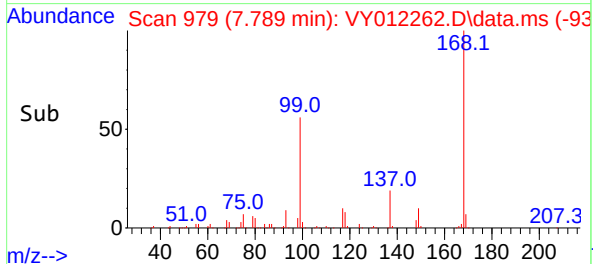
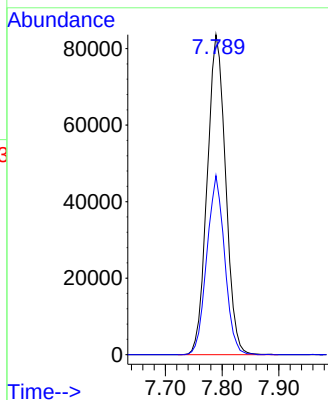
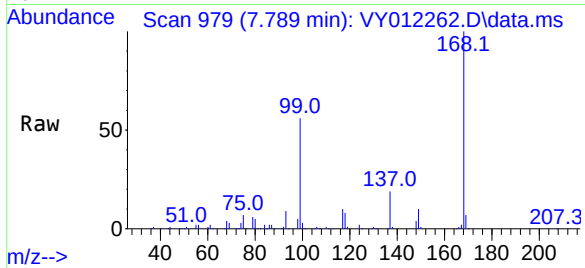




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

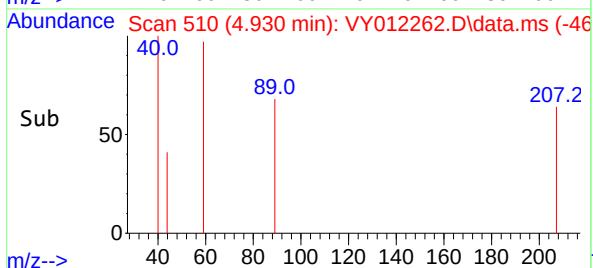
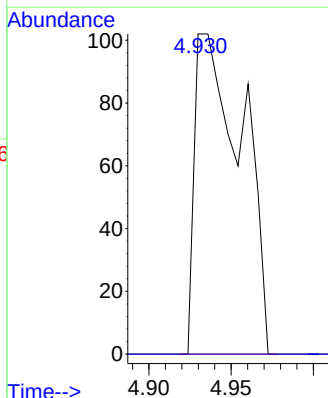
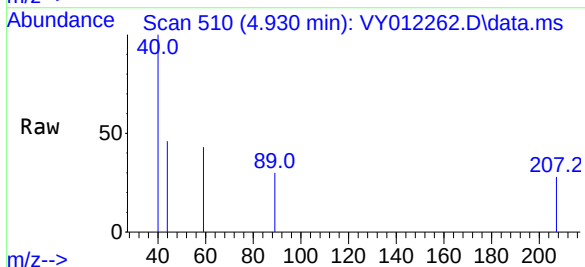
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-10-20

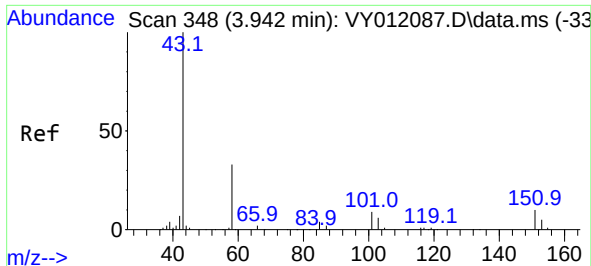
Tgt Ion:168 Resp: 188525
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

Tgt Ion: 59 Resp: 203
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

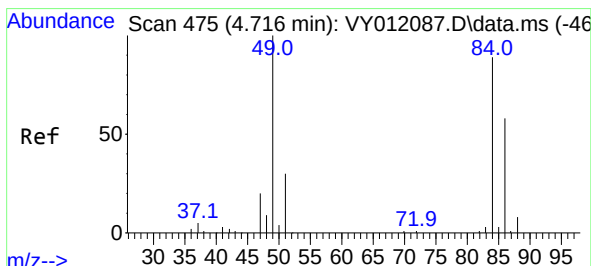
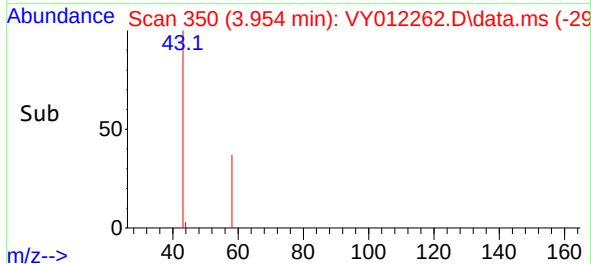
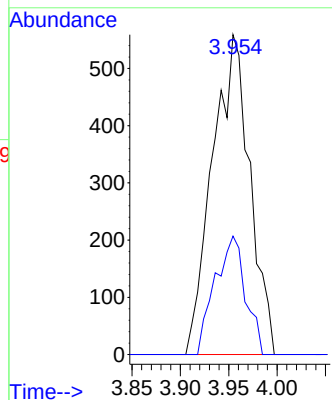
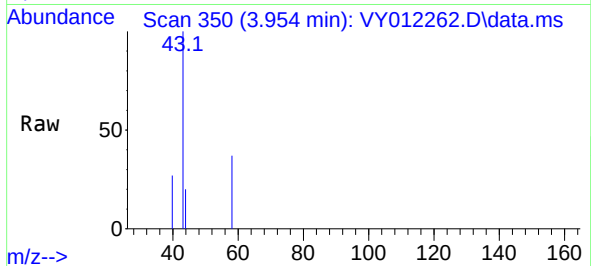




#16
Acetone
Concen: 2.859 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

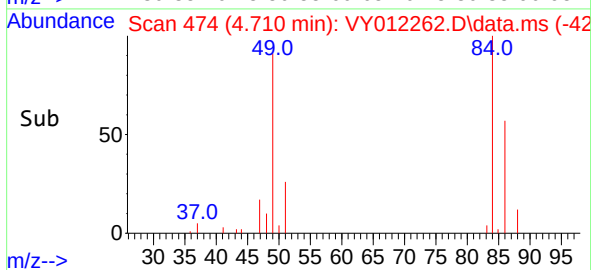
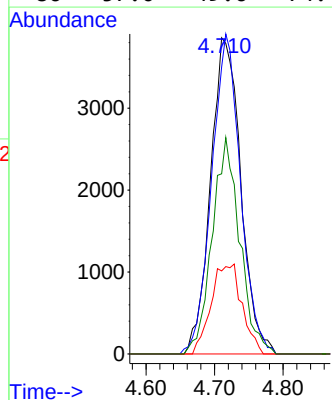
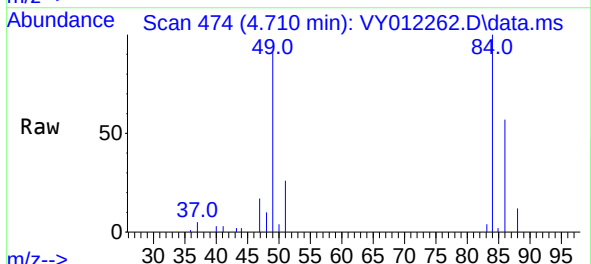
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-10-20

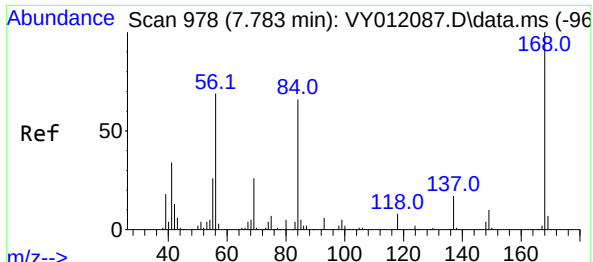
Tgt Ion: 43 Resp: 1501
Ion Ratio Lower Upper
43 100
58 37.0 27.9 41.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

Tgt Ion: 84 Resp: 11826
Ion Ratio Lower Upper
84 100
49 90.8 95.4 143.2#
51 26.3 29.9 44.9#
86 57.0 49.6 74.4

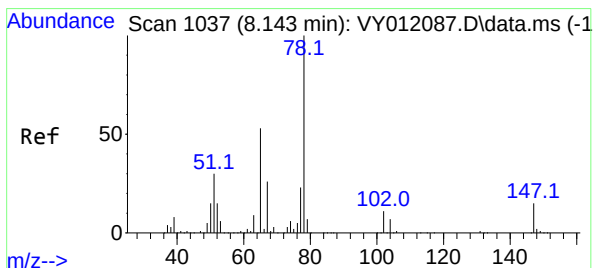
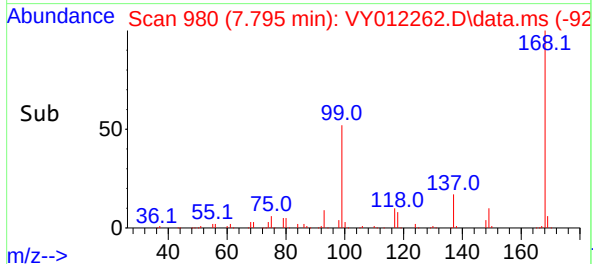
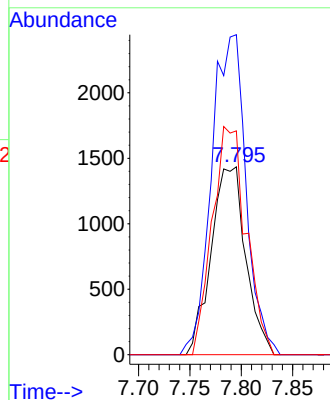
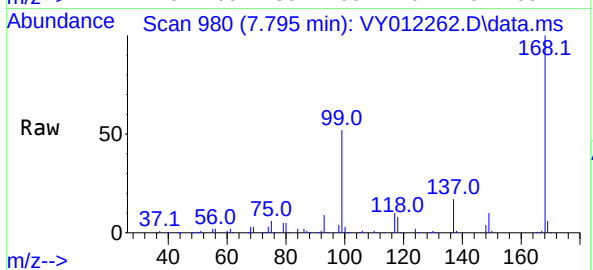




#31
Cyclohexane
Concen: 1.224 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

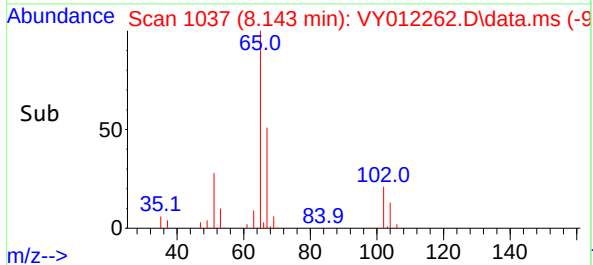
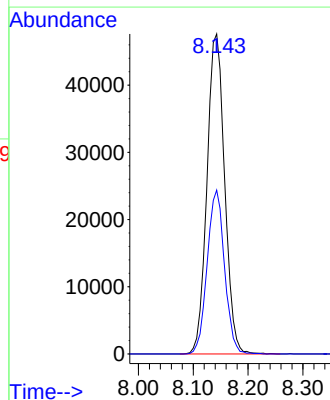
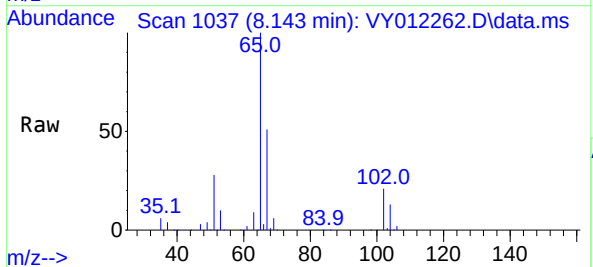
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-10-20

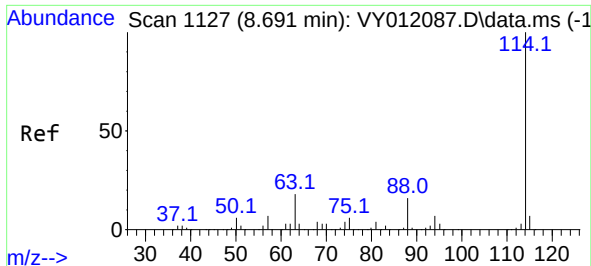
Tgt Ion: 56 Resp: 3365
Ion Ratio Lower Upper
56 100
69 170.3 29.2 43.8#
84 119.2 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 69.570 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

Tgt Ion: 65 Resp: 106309
Ion Ratio Lower Upper
65 100
67 50.2 0.0 103.2

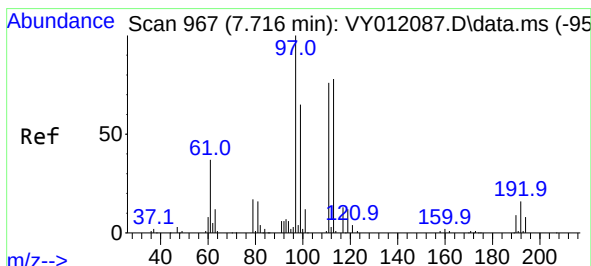
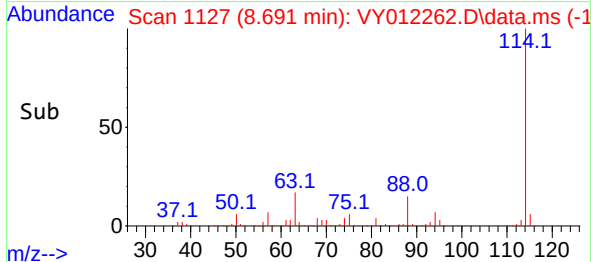
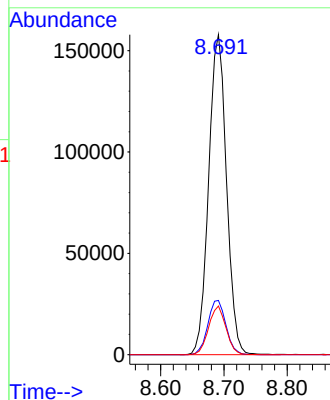
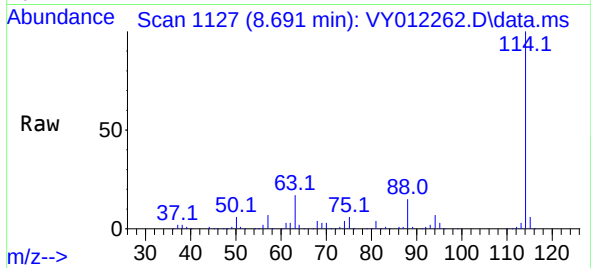




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

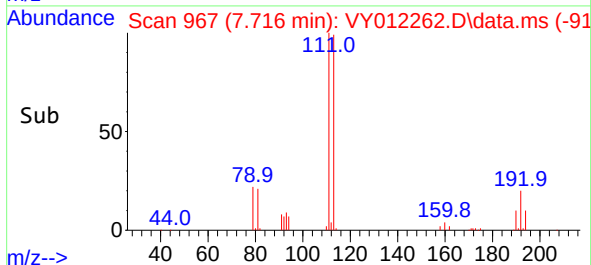
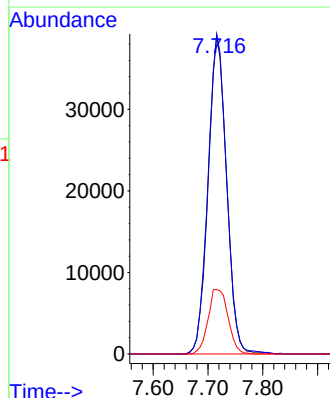
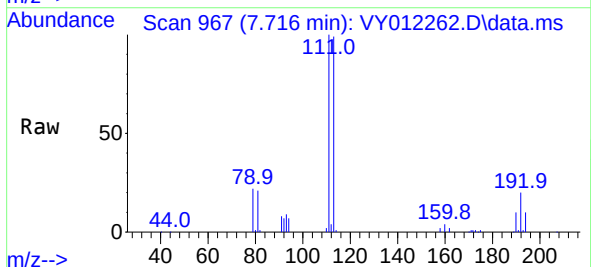
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-10-20

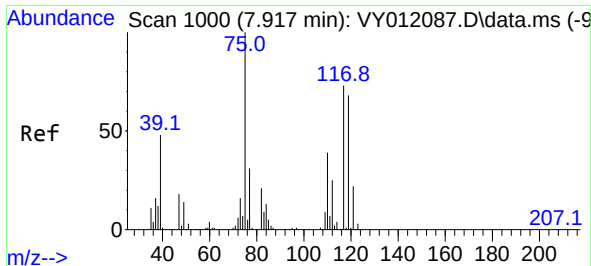
Tgt Ion:114 Resp: 309350
Ion Ratio Lower Upper
114 100
63 17.0 0.0 39.6
88 15.2 0.0 32.2



#35
Dibromofluoromethane
Concen: 55.551 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

Tgt Ion:113 Resp: 90993
Ion Ratio Lower Upper
113 100
111 101.5 83.0 124.4
192 22.0 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.432 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012262.D

Acq: 19 Jan 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

TJRC-011723-B3-10-20

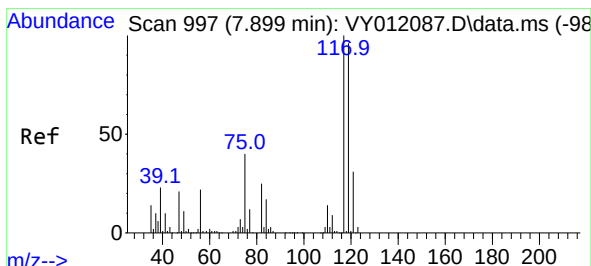
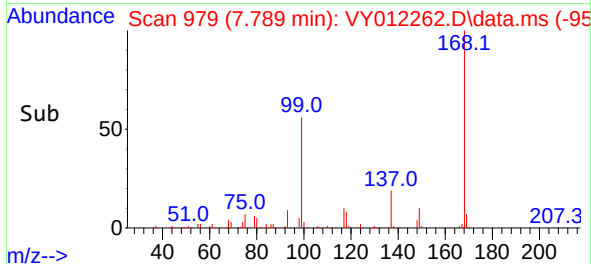
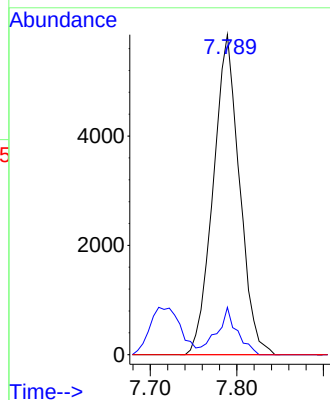
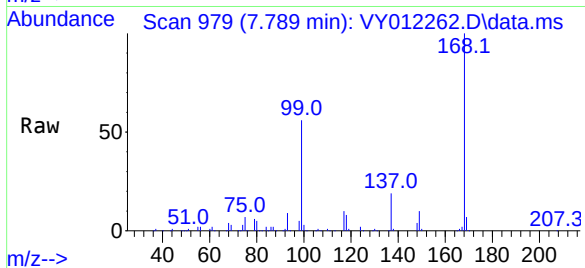
Tgt Ion: 75 Resp: 12337

Ion Ratio Lower Upper

75 100

110 11.5 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.086 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY012262.D

Acq: 19 Jan 2023 13:50

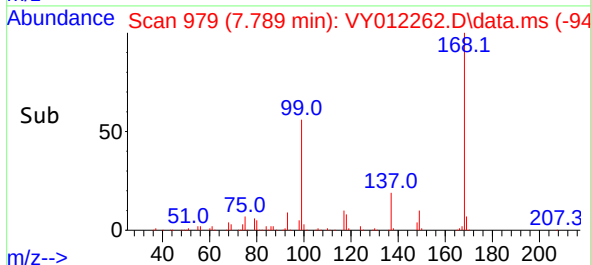
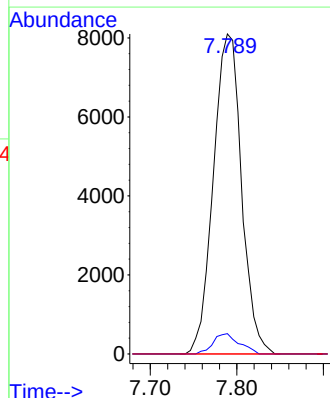
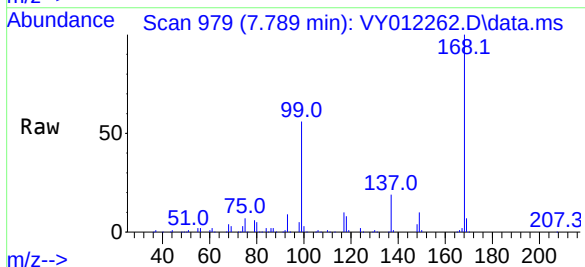
Tgt Ion: 117 Resp: 18287

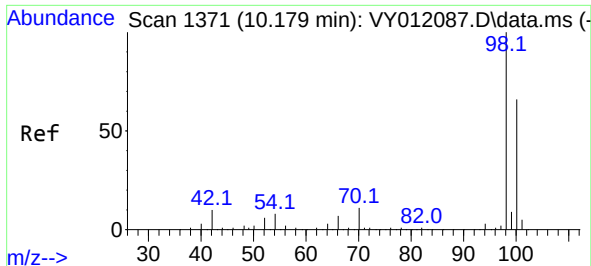
Ion Ratio Lower Upper

117 100

119 6.3 73.8 110.8#

121 0.0 25.2 37.8#

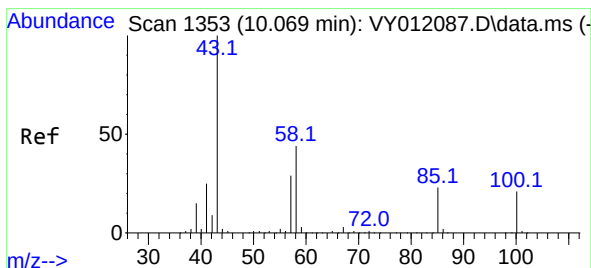
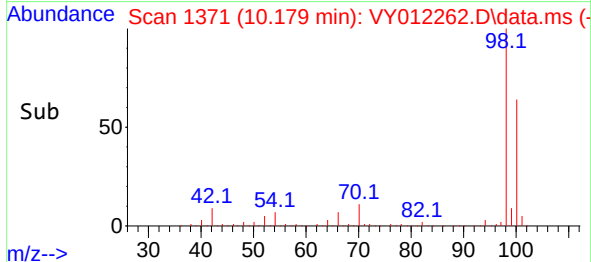
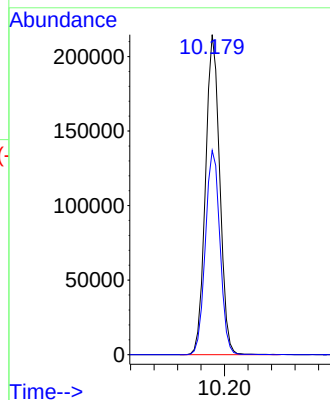
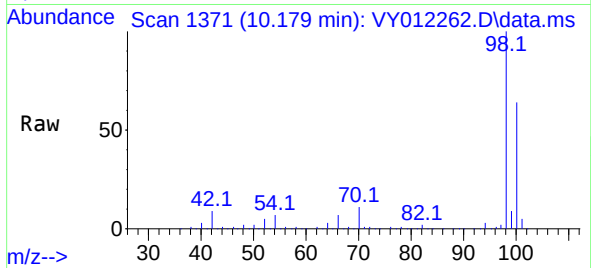




#50
Toluene-d8
Concen: 65.004 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

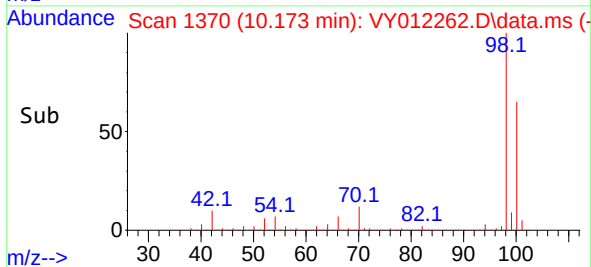
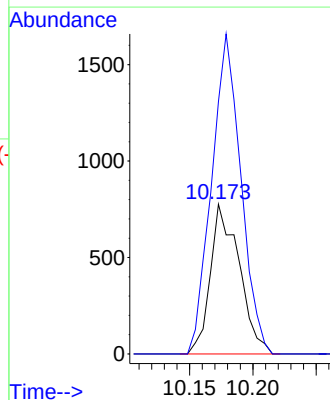
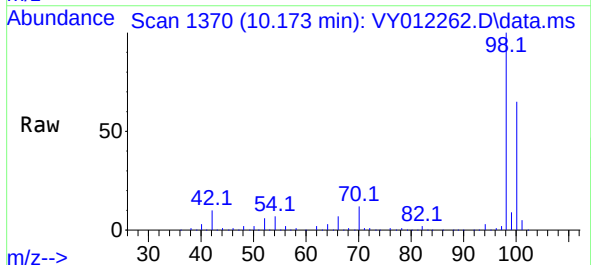
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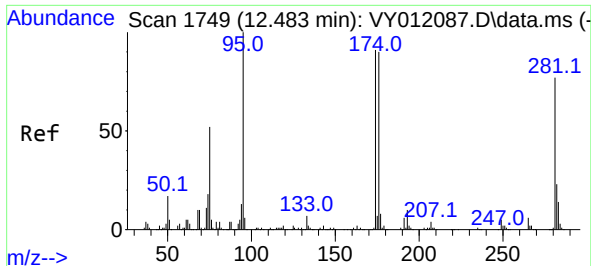
Tgt Ion: 98 Resp: 361546
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.011 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 217.1 32.9 49.3#

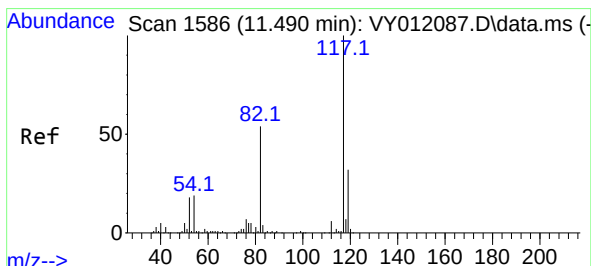
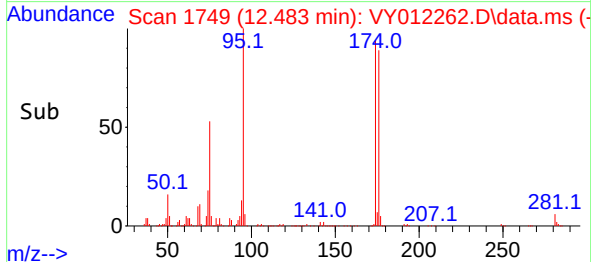
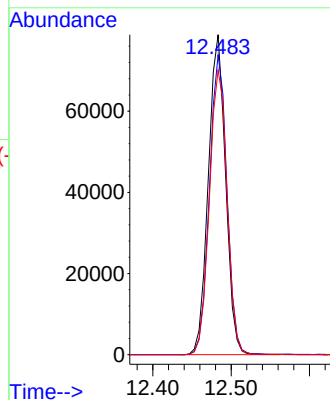
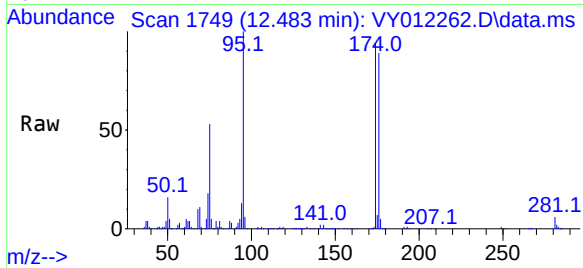




#62
4-Bromofluorobenzene
Concen: 52.234 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

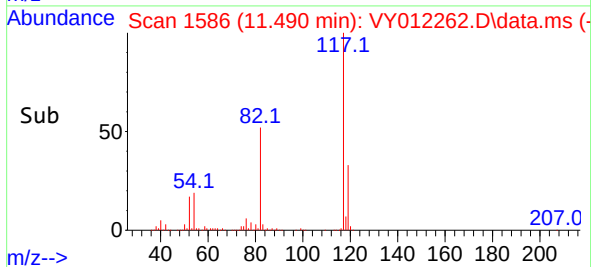
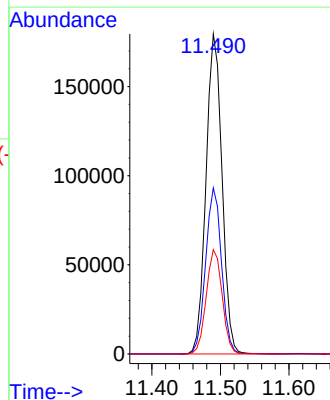
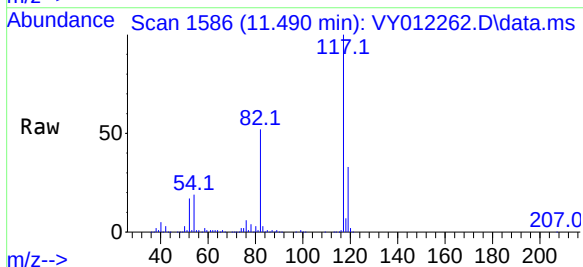
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-10-20

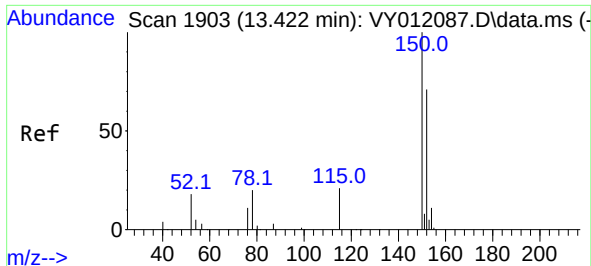
Tgt Ion: 95 Resp: 120614
Ion Ratio Lower Upper
95 100
174 94.8 0.0 172.0
176 91.2 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

Tgt Ion: 117 Resp: 292119
Ion Ratio Lower Upper
117 100
82 51.9 44.8 67.2
119 32.6 25.4 38.2

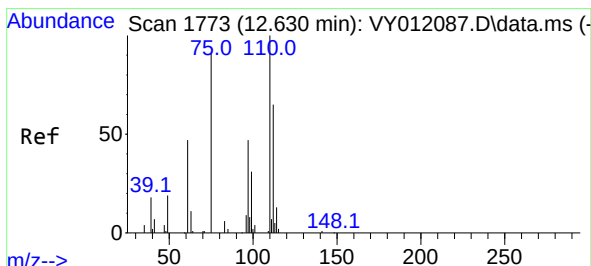
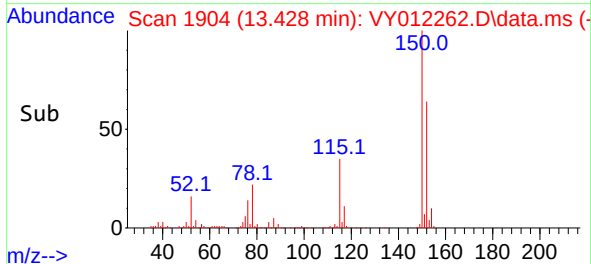
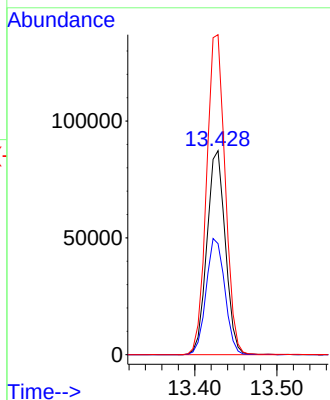
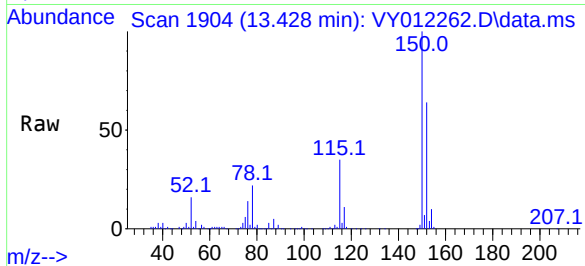




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

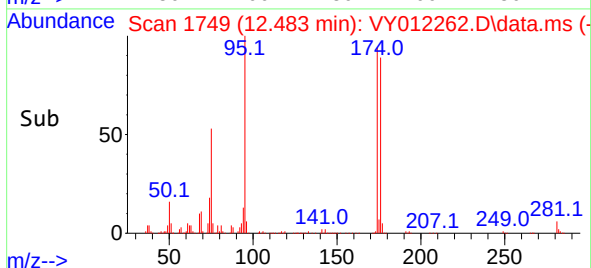
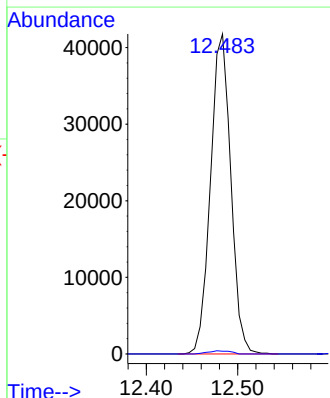
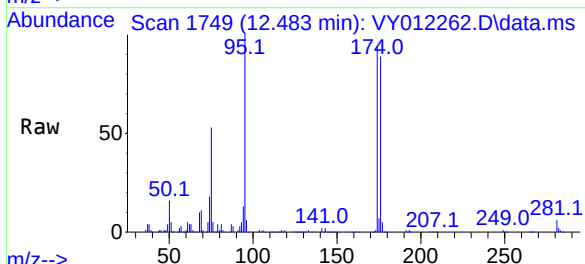
Instrument :
MSVOA_Y
ClientSampleId :
TJRC-011723-B3-10-20

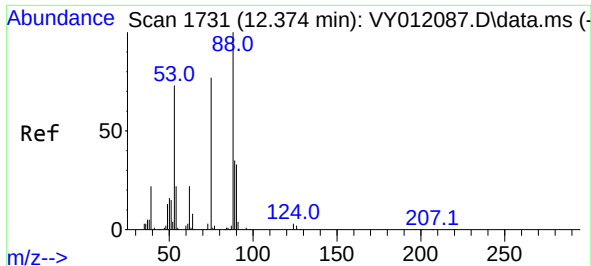
Tgt Ion:152 Resp: 135835
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.3
150 158.2 0.0 342.6



#76
1,2,3-Trichloropropane
Concen: 51.520 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY012262.D
Acq: 19 Jan 2023 13:50

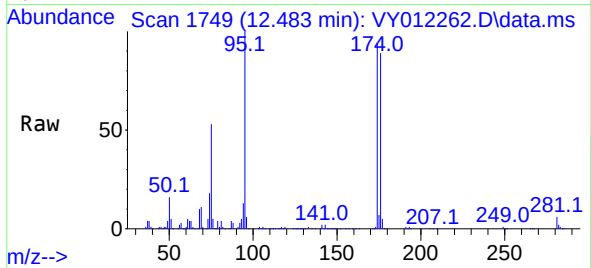
Tgt Ion: 75 Resp: 64351
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.154 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012262.D
 Acq: 19 Jan 2023 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 TJRC-011723-B3-10-20



Tgt Ion: 75 Resp: 64351
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.0 55.4#

