

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040122\
 Data File : VY008151.D
 Acq On : 01 Apr 2022 10:26
 Operator : SY/MD
 Sample : VY0401SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBL01

Quant Time: Apr 02 03:54:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

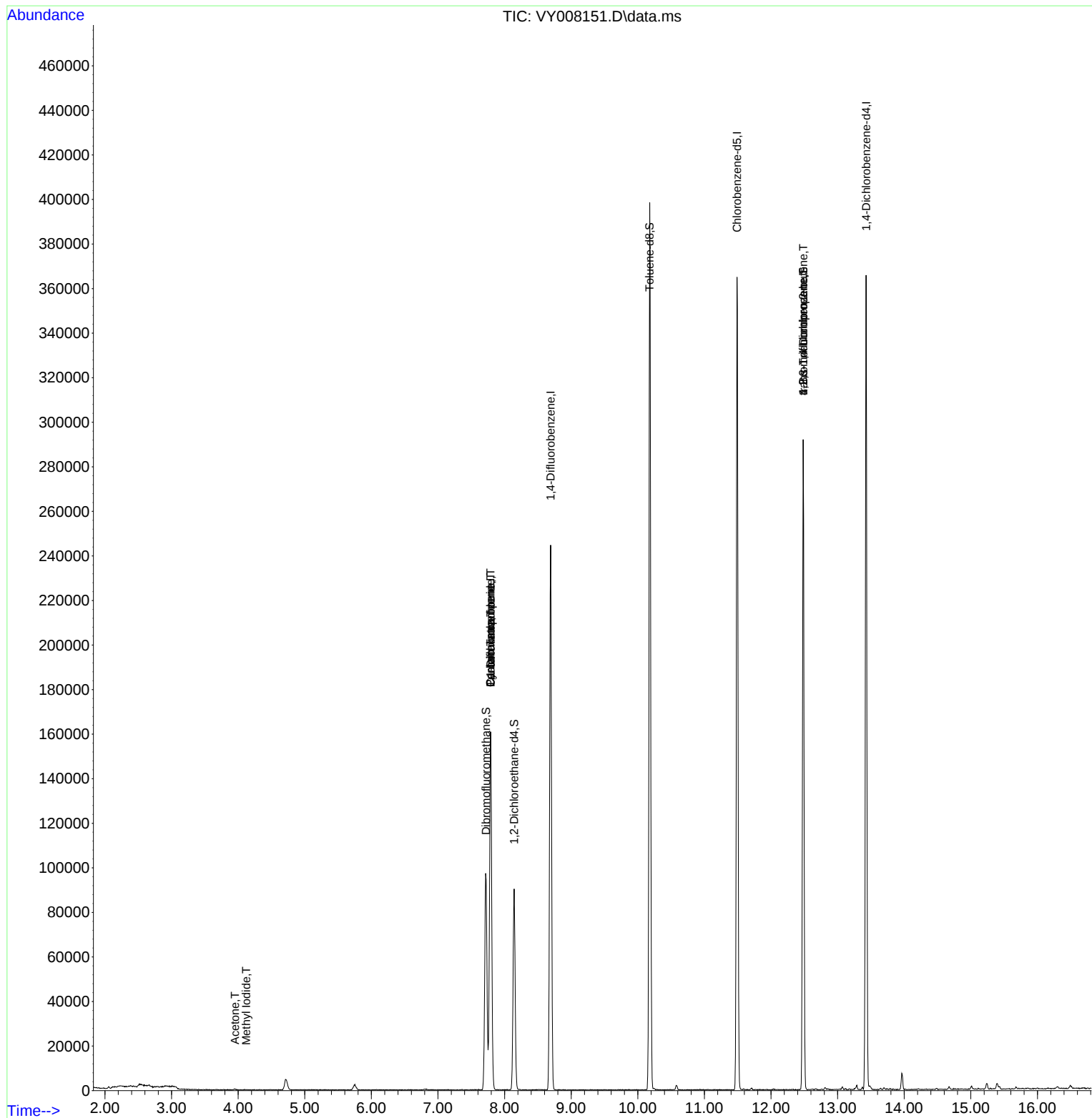
Internal Standards						
1) Pentafluorobenzene	7.789	168	125561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	207226	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67057	53.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.460%	
35) Dibromofluoromethane	7.722	113	69362	49.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.920%	
50) Toluene-d8	10.179	98	267908	50.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	12.483	95	90907	48.773	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.540%	
Target Compounds						Qvalue
10) Methyl Iodide	4.119	142	166	1.793	ug/l #	49
16) Acetone	3.954	43	630	2.188	ug/l #	47
18) Methyl Acetate	4.479	43	140	Below Cal	#	56
20) Methylene Chloride	4.716	84	4148	Below Cal	#	67
31) Cyclohexane	7.789	56	2450	1.040	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9549	4.335	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12171	5.070	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	46609	41.449	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46609	92.480	ug/l #	7

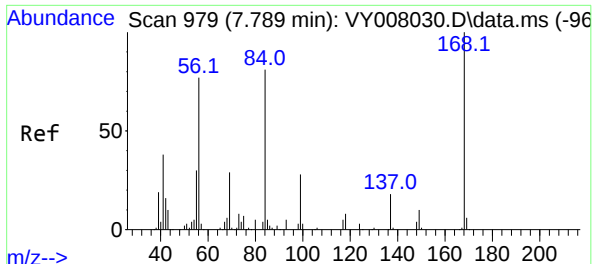
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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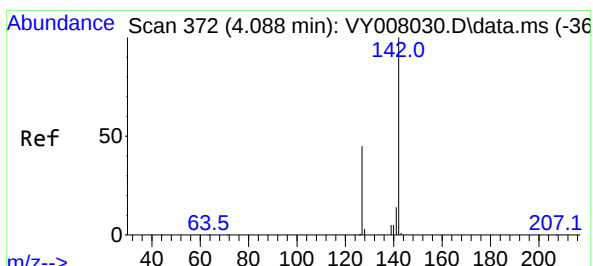
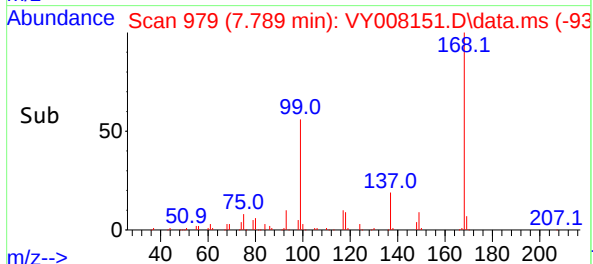
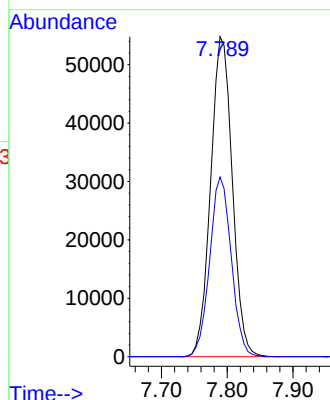
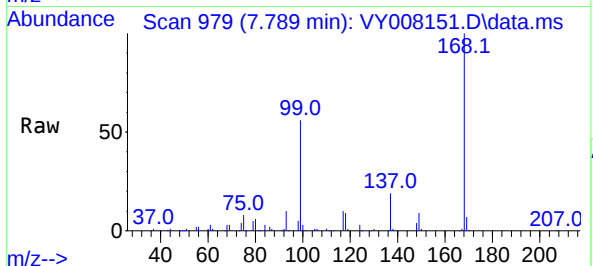




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

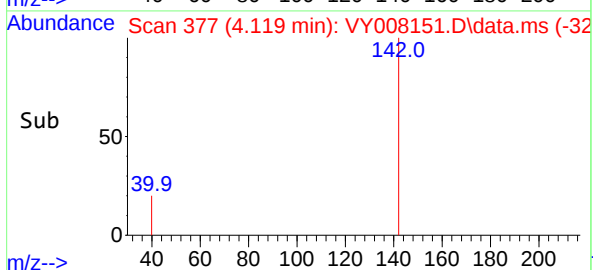
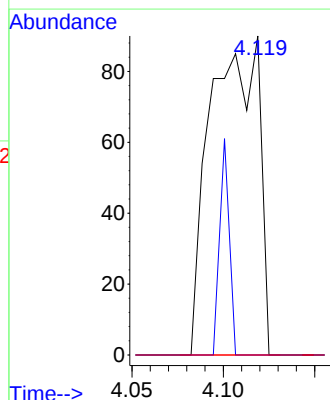
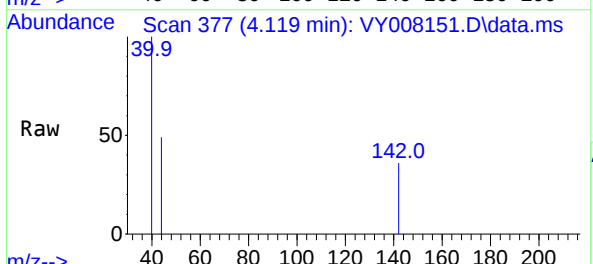
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

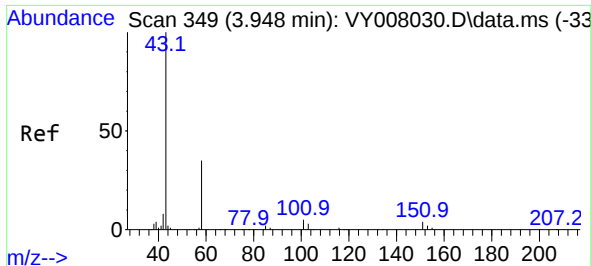
Tgt Ion:168 Resp: 125561
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#10
Methyl Iodide
Concen: 1.793 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.031 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

Tgt Ion:142 Resp: 166
Ion Ratio Lower Upper
142 100
127 13.3 41.5 62.3#
141 0.0 11.9 17.9#

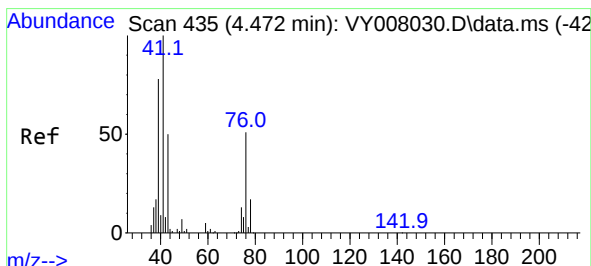
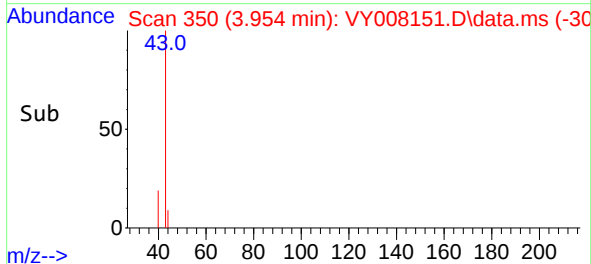
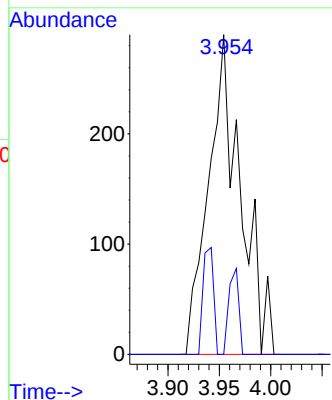
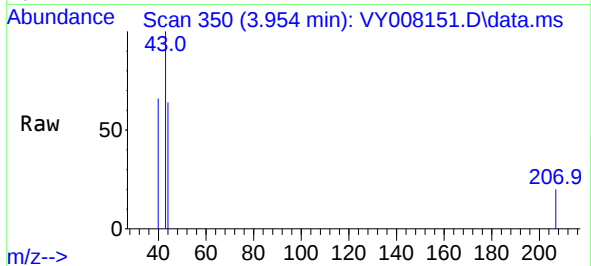




#16
Acetone
Concen: 2.188 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

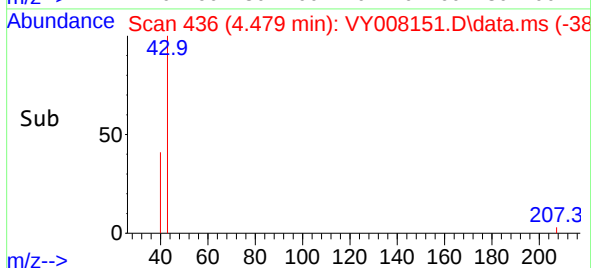
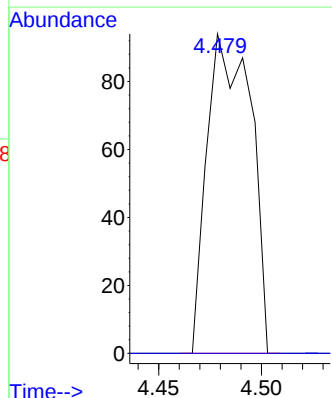
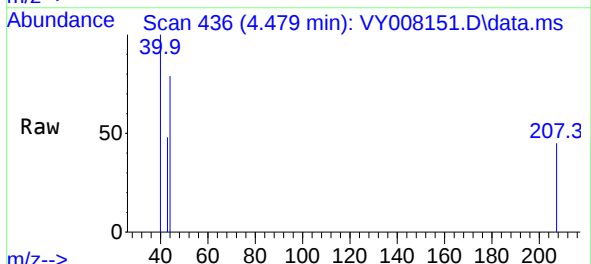
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

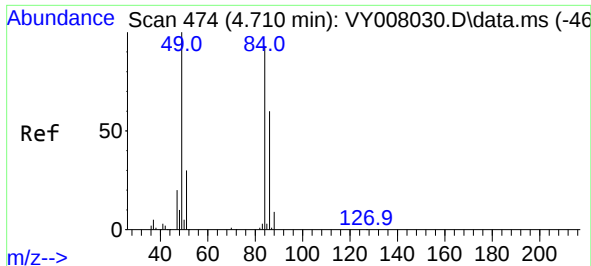
Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.007 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

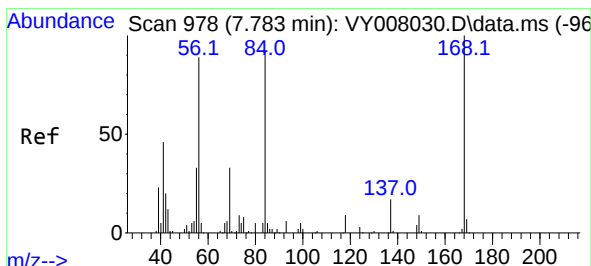
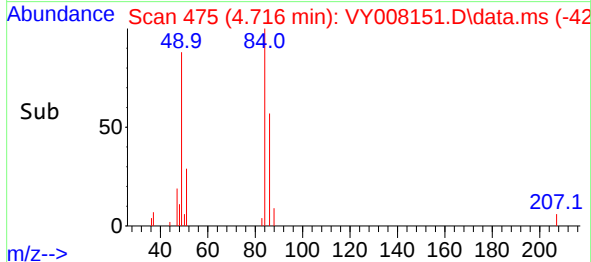
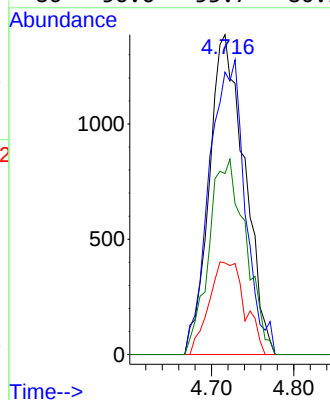
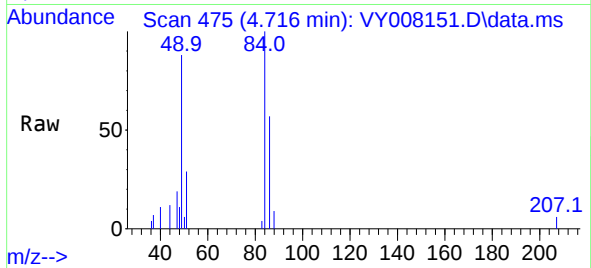




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

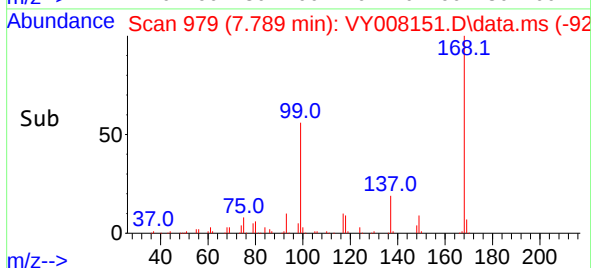
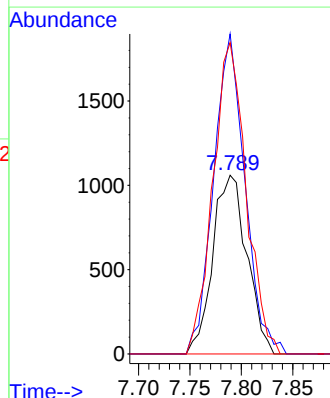
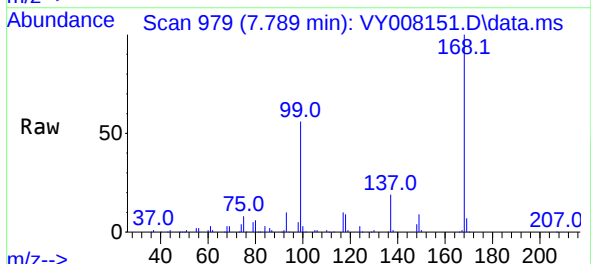
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

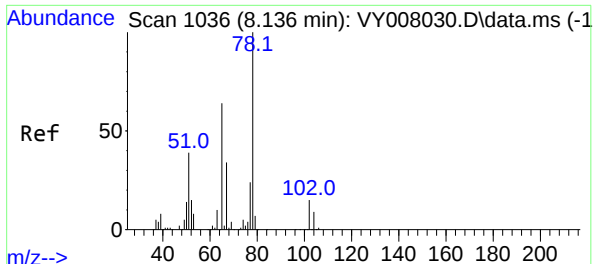
Tgt Ion: 84 Resp: 4148
Ion Ratio Lower Upper
84 100
49 88.3 114.4 171.6#
51 28.6 35.3 52.9#
86 56.6 53.7 80.5



#31
Cyclohexane
Concen: 1.040 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

Tgt Ion: 56 Resp: 2450
Ion Ratio Lower Upper
56 100
69 179.1 26.7 40.1#
84 174.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 53.230 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY008151.D

Acq: 01 Apr 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

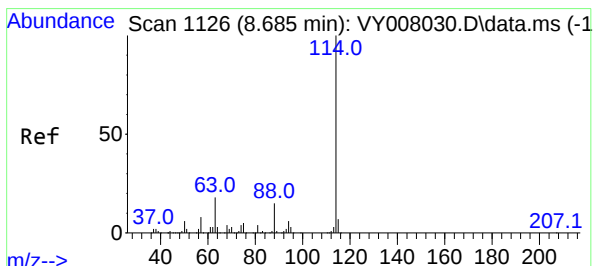
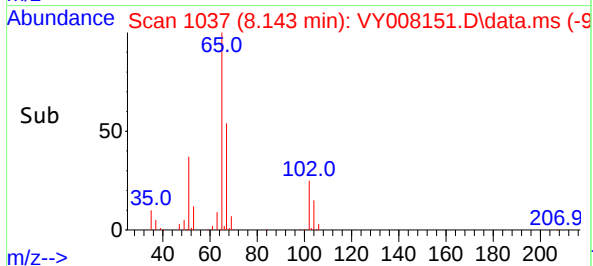
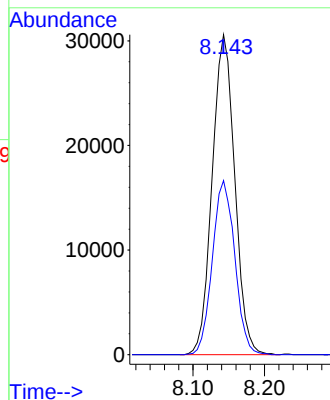
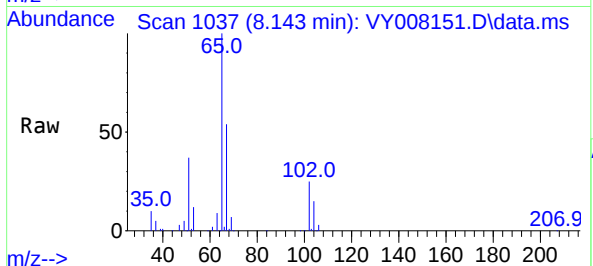
VY0401SBL01

Tgt Ion: 65 Resp: 67057

Ion Ratio Lower Upper

65 100

67 54.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008151.D

Acq: 01 Apr 2022 10:26

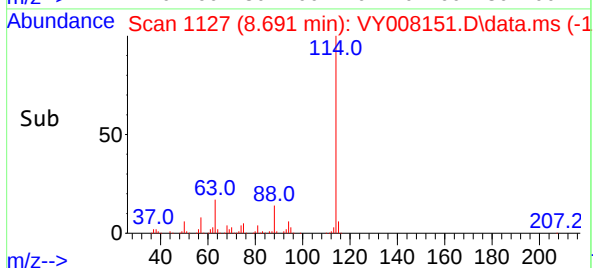
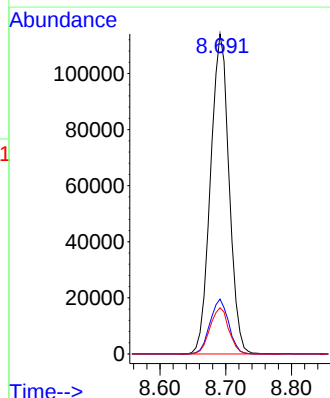
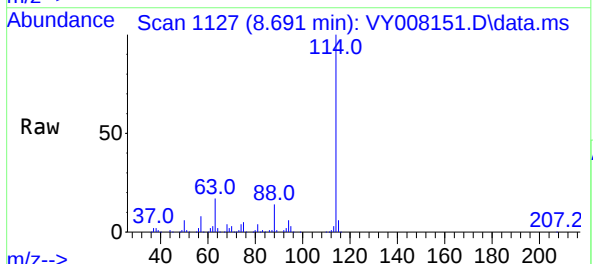
Tgt Ion: 114 Resp: 223658

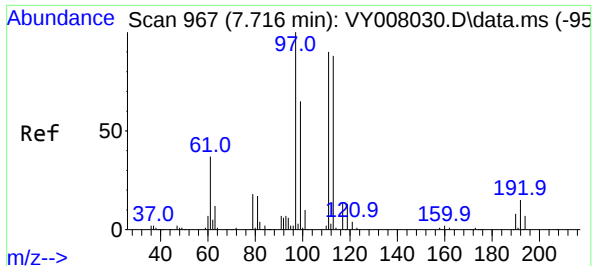
Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 14.5 0.0 31.8

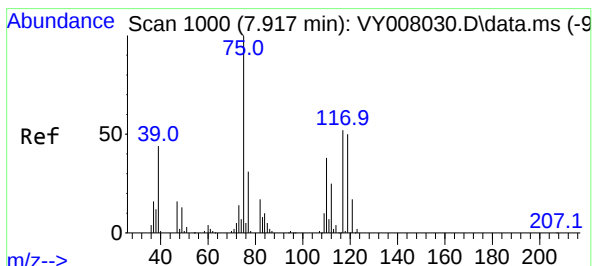
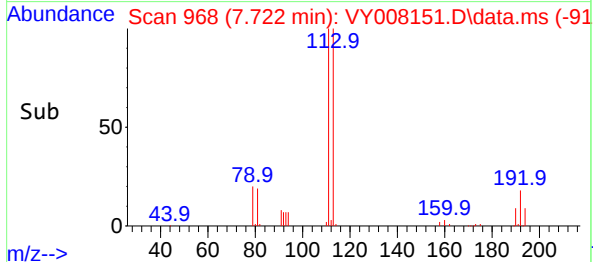
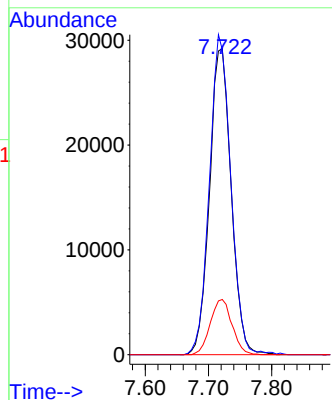
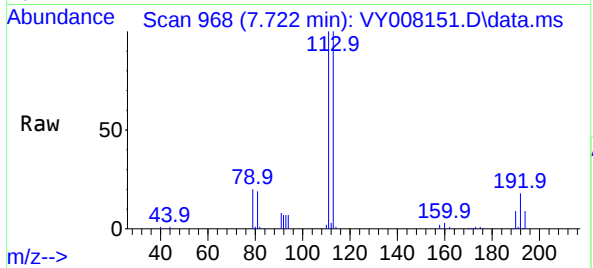




#35
Dibromofluoromethane
Concen: 49.464 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

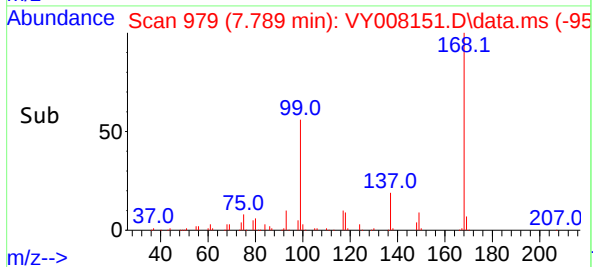
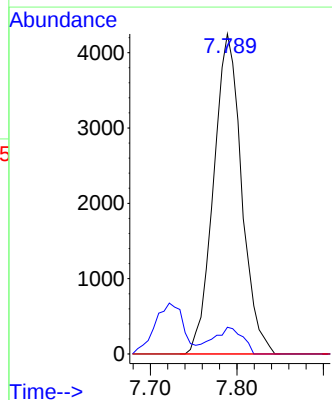
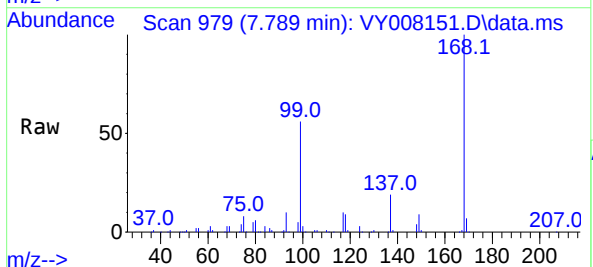
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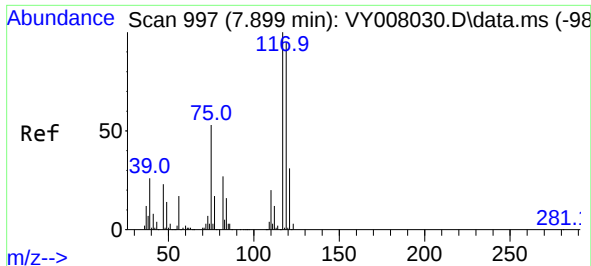
Tgt Ion:113 Resp: 69362
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 18.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.335 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

Tgt Ion: 75 Resp: 9549
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.0 24.4 36.6#

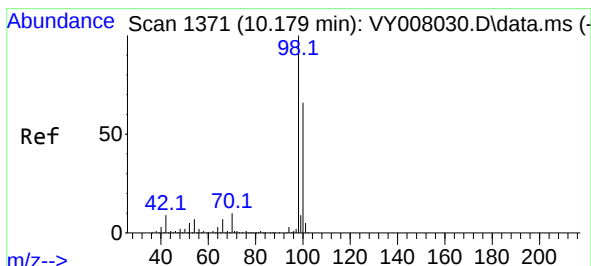
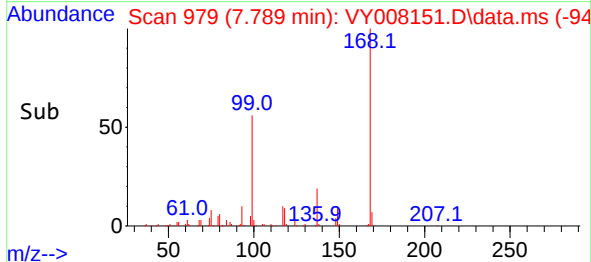
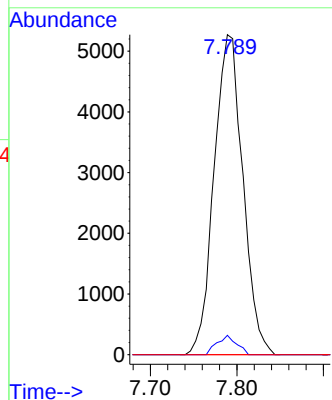
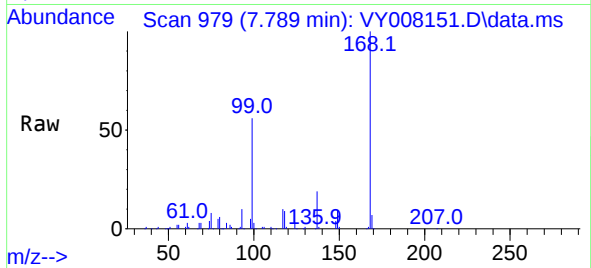




#38
Carbon Tetrachloride
Concen: 5.070 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

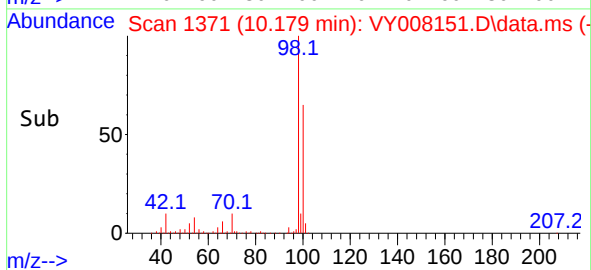
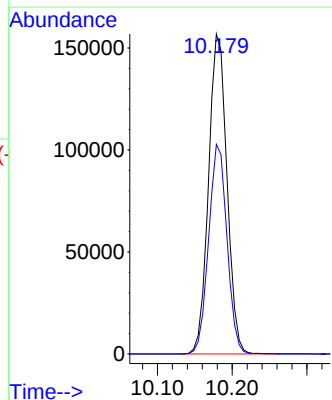
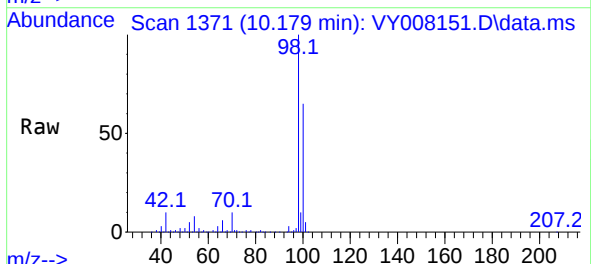
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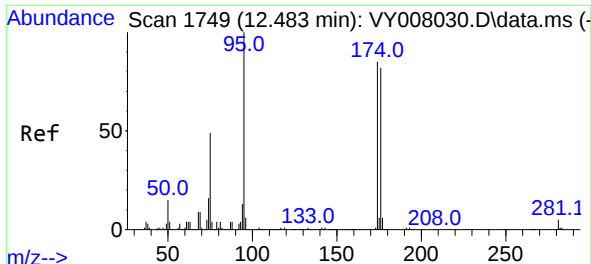
Tgt Ion:117 Resp: 12171
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.710 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

Tgt Ion: 98 Resp: 267908
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

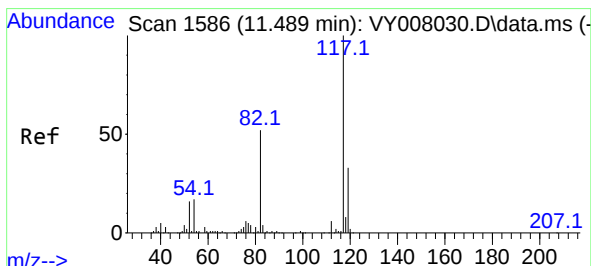
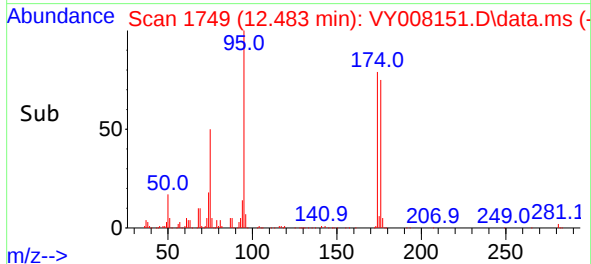
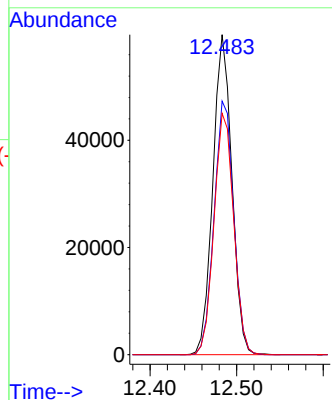
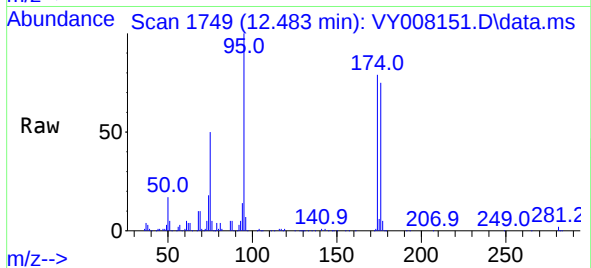




#62
4-Bromofluorobenzene
Concen: 48.773 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

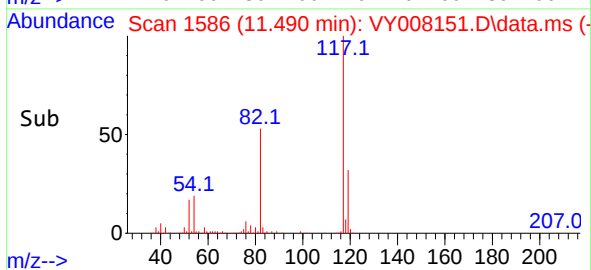
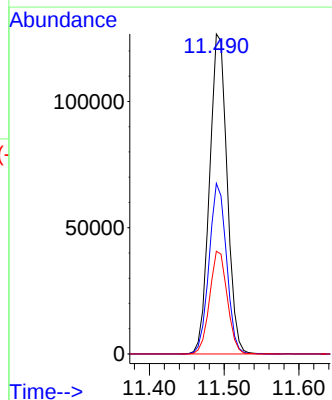
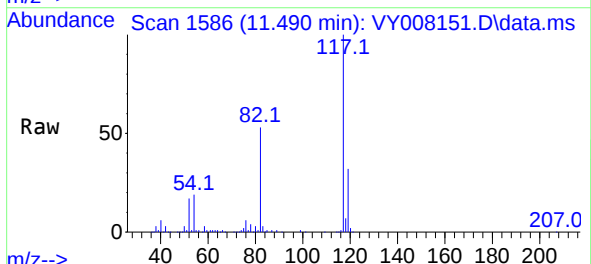
Instrument :
MSVOA_Y
ClientSampleId :
VY0401SBL01

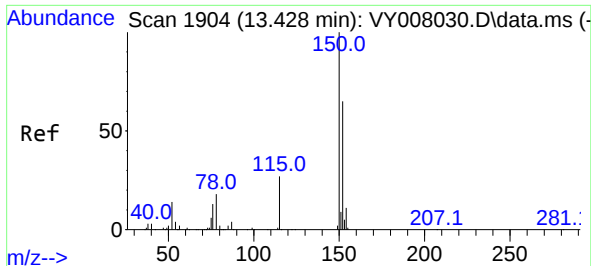
Tgt Ion: 95 Resp: 90907
Ion Ratio Lower Upper
95 100
174 81.7 0.0 177.0
176 78.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008151.D
Acq: 01 Apr 2022 10:26

Tgt Ion: 117 Resp: 207226
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 32.1 25.4 38.0

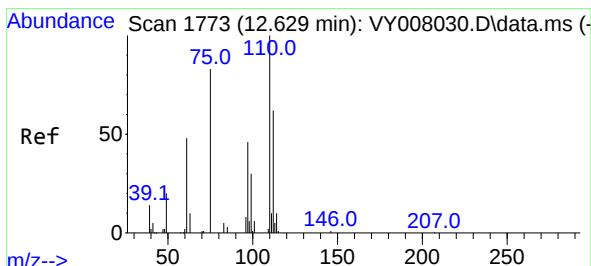
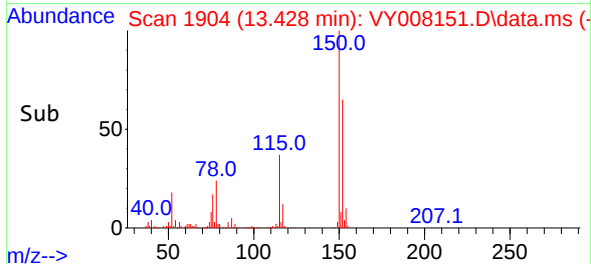
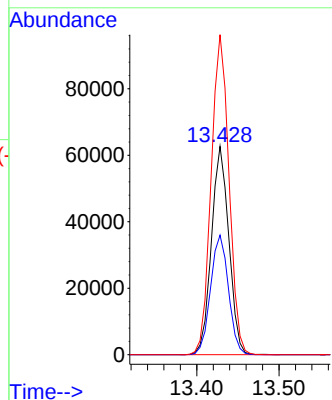
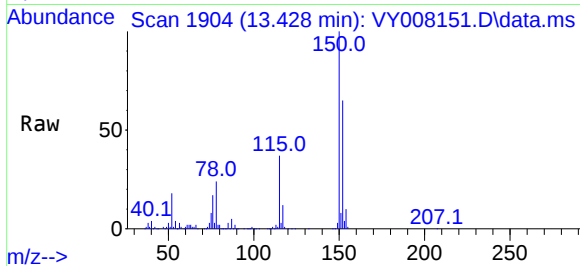




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008151.D
 Acq: 01 Apr 2022 10:26

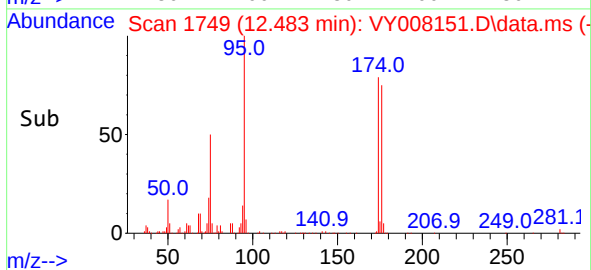
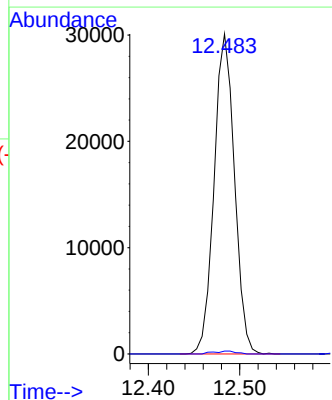
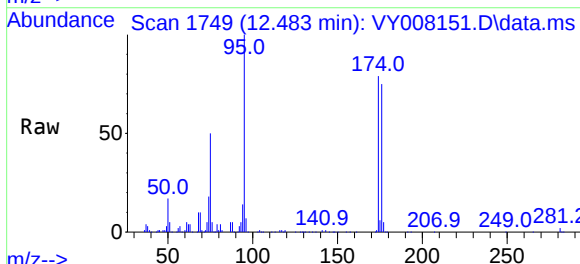
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBL01

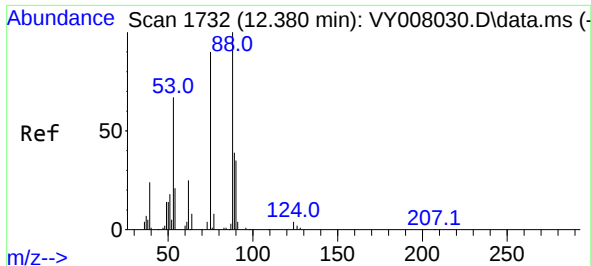
Tgt Ion:152 Resp: 92246
 Ion Ratio Lower Upper
 152 100
 115 58.9 28.2 84.7
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 41.449 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008151.D
 Acq: 01 Apr 2022 10:26

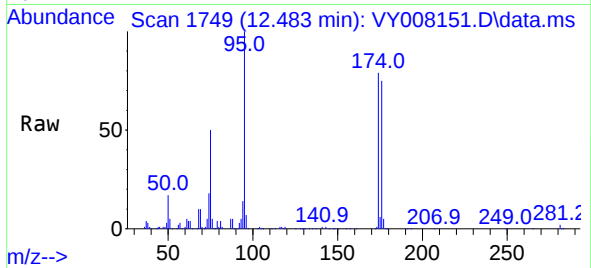
Tgt Ion: 75 Resp: 46609
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.480 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008151.D
 Acq: 01 Apr 2022 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0401SBL01



Tgt Ion: 75 Resp: 46609
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

