

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008309.D
 Acq On : 13 Apr 2022 13:53
 Operator : KP/MD
 Sample : N2360-03RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-041122-B

Quant Time: Apr 14 05:56:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

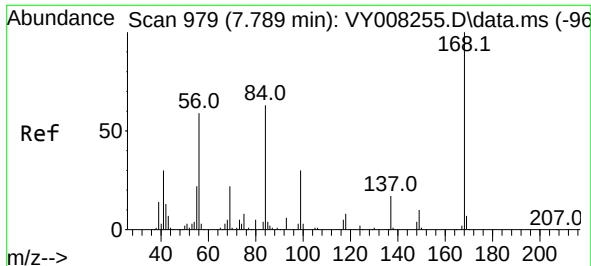
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	111102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	202910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87304	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63710	61.048	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.100%	
35) Dibromofluoromethane	7.716	113	63186	53.914	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.820%	
50) Toluene-d8	10.179	98	245917	61.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.640%	
62) 4-Bromofluorobenzene	12.483	95	83060	55.067	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	187	Below Cal	#	44
5) Bromomethane	2.668	94	174	Below Cal	#	49
10) Methyl Iodide	4.088	142	44	2.422	ug/l #	35
16) Acetone	3.948	43	2712	10.804	ug/l #	70
18) Methyl Acetate	4.466	43	25	Below Cal	#	56
20) Methylene Chloride	4.710	84	3801	Below Cal	#	76
31) Cyclohexane	7.789	56	2144	1.136	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	8482	4.532	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11469	5.696	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	1025	1.108	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	43866	45.431	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43866	101.650	ug/l #	7

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
Quant Title : SW846 8260
QLast Update : Fri Apr 08 16:02:50 2022
Response via : Initial Calibration

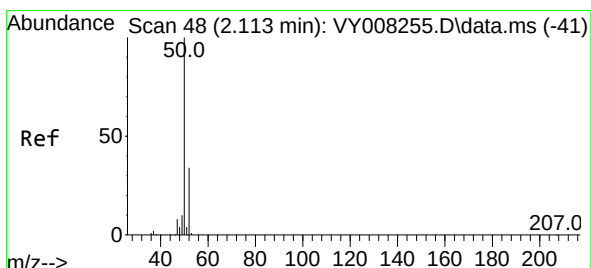
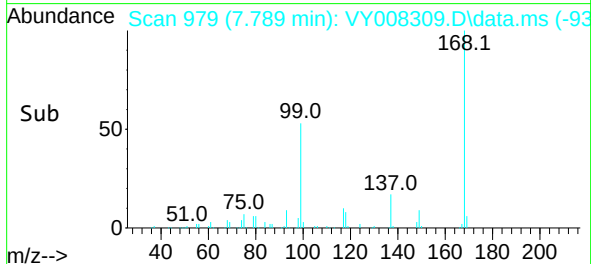
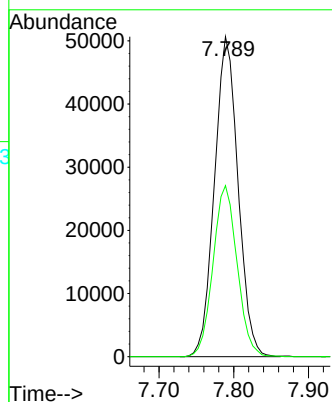
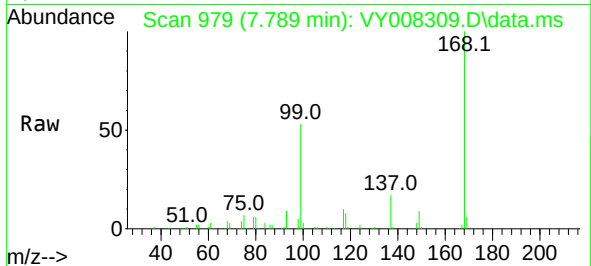




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008309.D
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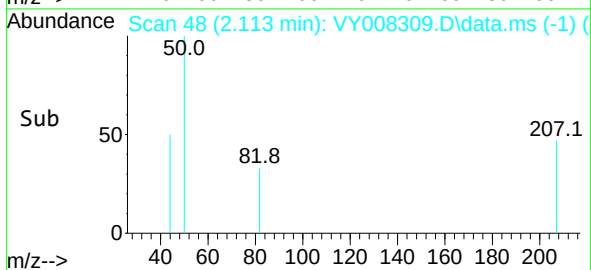
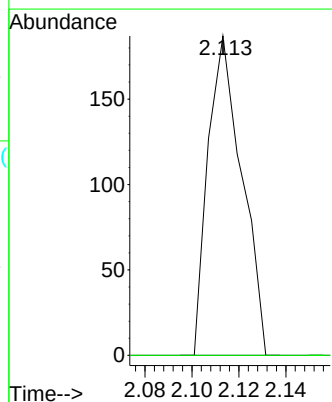
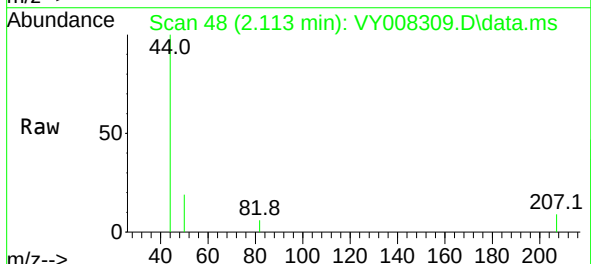
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-B

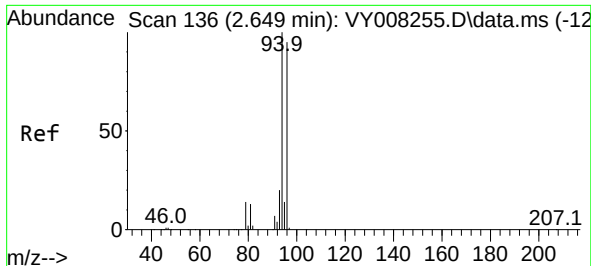
Tgt Ion:168 Resp: 111102
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

Tgt Ion: 50 Resp: 187
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

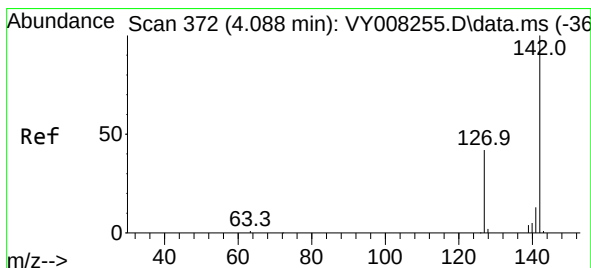
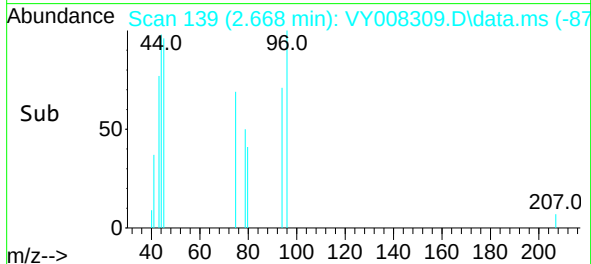
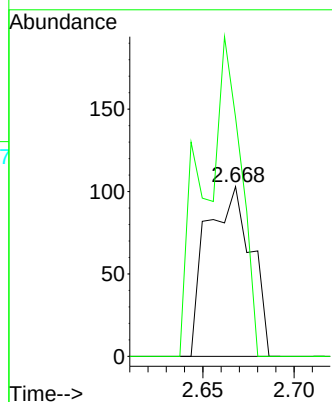
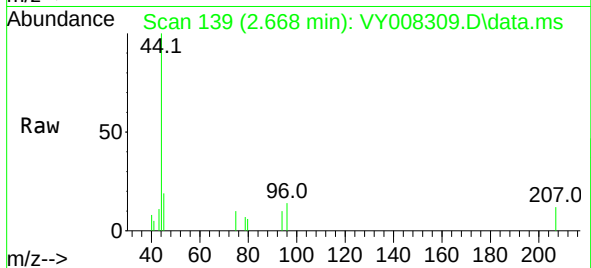




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

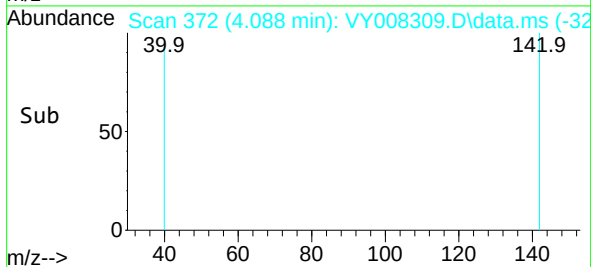
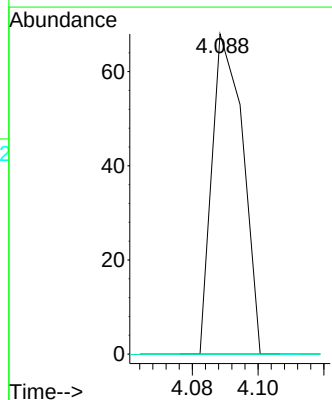
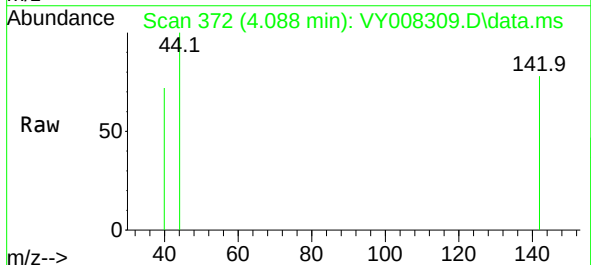
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-B

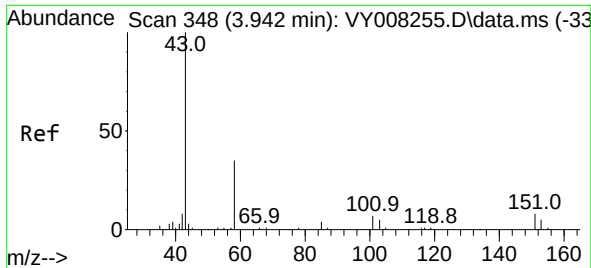
Tgt Ion: 94 Resp: 174
Ion Ratio Lower Upper
94 100
96 140.8 73.5 110.3#



#10
Methyl Iodide
Concen: 2.422 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

Tgt Ion: 142 Resp: 44
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

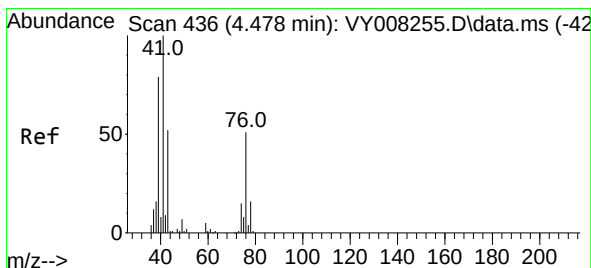
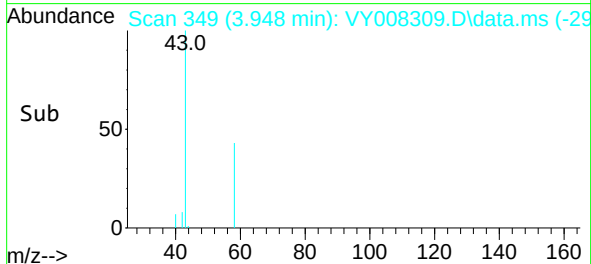
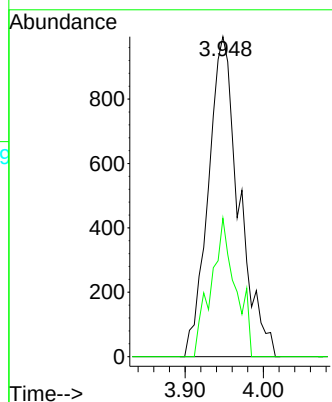
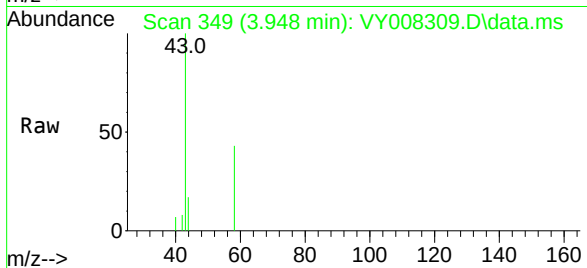




#16
Acetone
Concen: 10.804 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

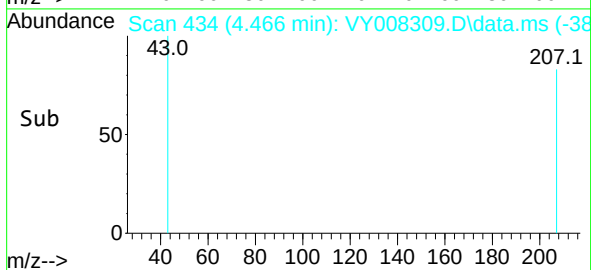
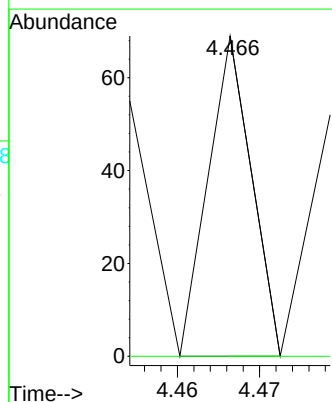
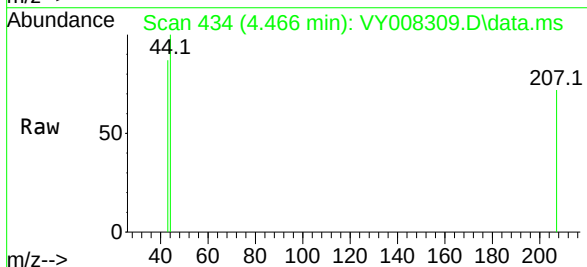
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-B

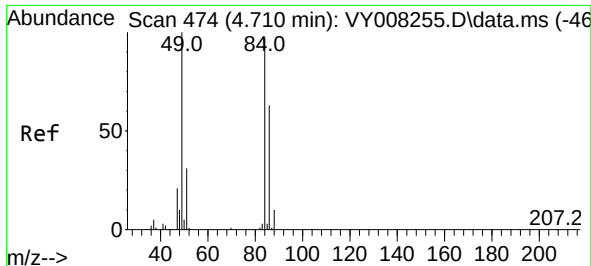
Tgt Ion: 43 Resp: 2712
Ion Ratio Lower Upper
43 100
58 43.3 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.012 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

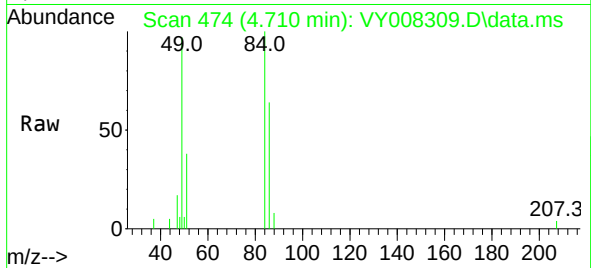
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



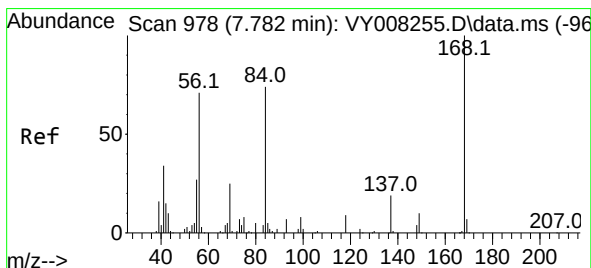
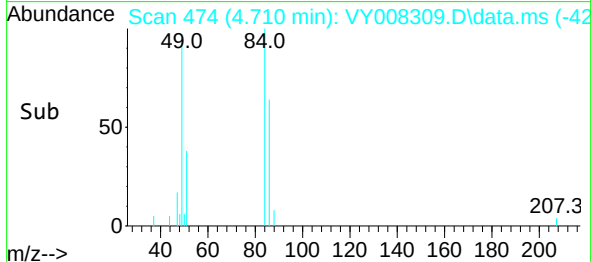
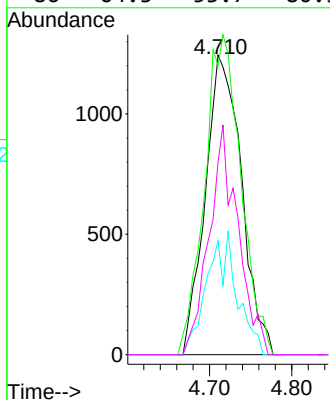


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-B

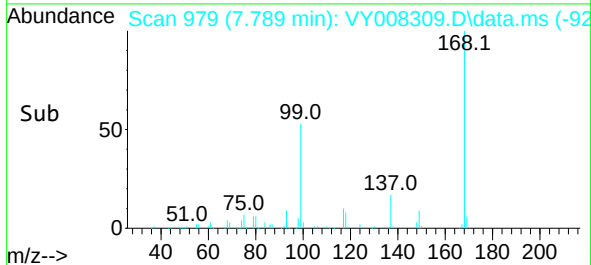
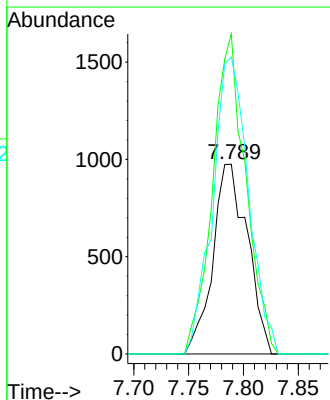
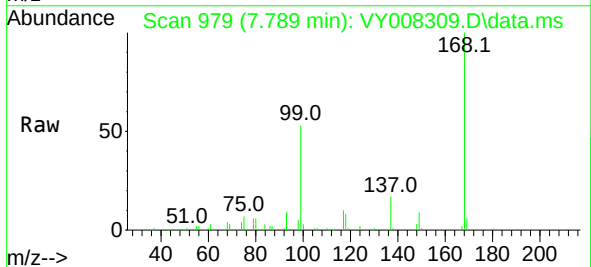


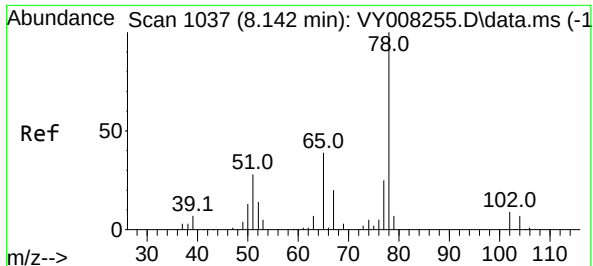
Tgt Ion: 84 Resp: 3801
Ion Ratio Lower Upper
84 100
49 96.6 114.4 171.6#
51 38.0 35.3 52.9
86 64.3 53.7 80.5



#31
Cyclohexane
Concen: 1.136 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

Tgt Ion: 56 Resp: 2144
Ion Ratio Lower Upper
56 100
69 168.5 26.7 40.1#
84 156.5 67.2 100.8#

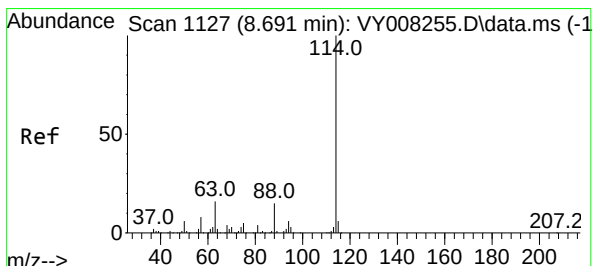
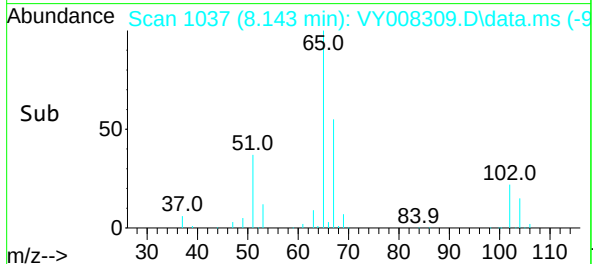
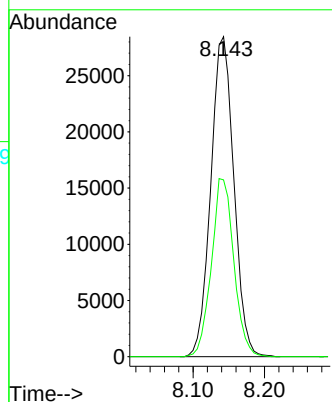
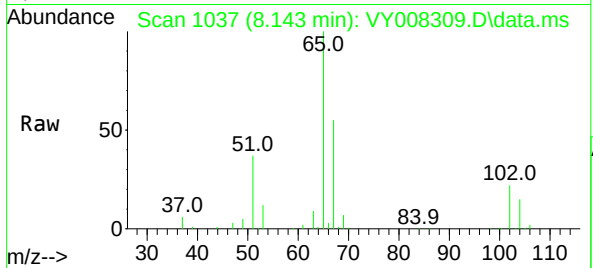




#33
 1,2-Dichloroethane-d4
 Concen: 61.048 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY008309.D
 Acq: 13 Apr 2022 13:53

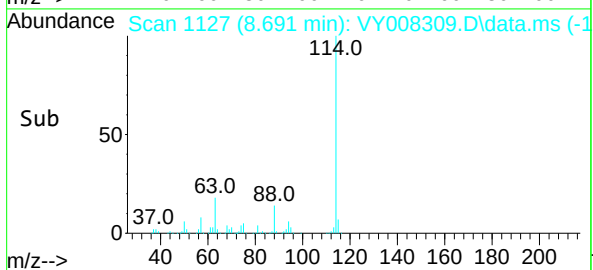
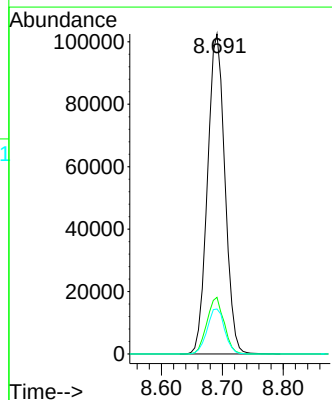
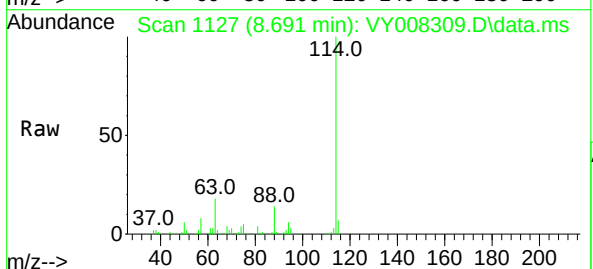
Instrument :
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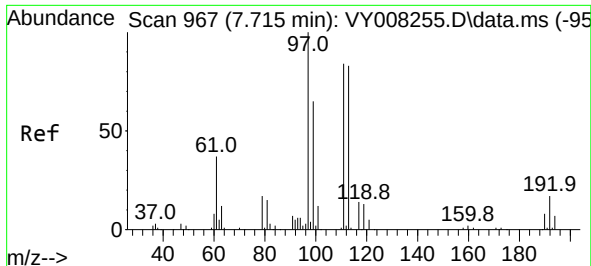
Tgt Ion: 65 Resp: 63710
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008309.D
 Acq: 13 Apr 2022 13:53

Tgt Ion: 114 Resp: 202910
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 43.2
 88 14.0 0.0 31.8

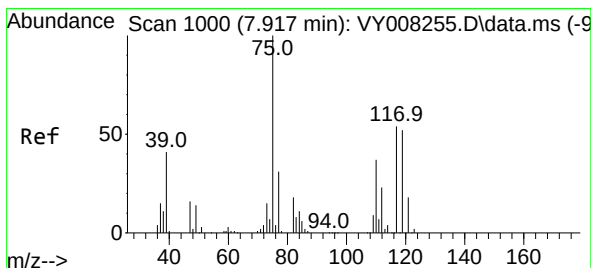
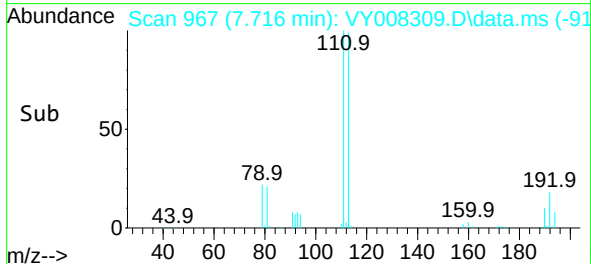
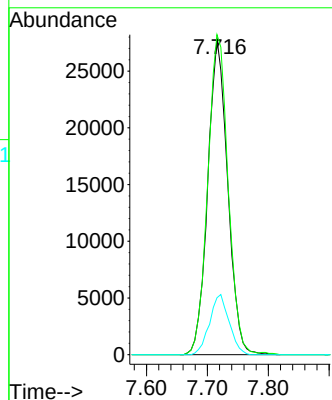
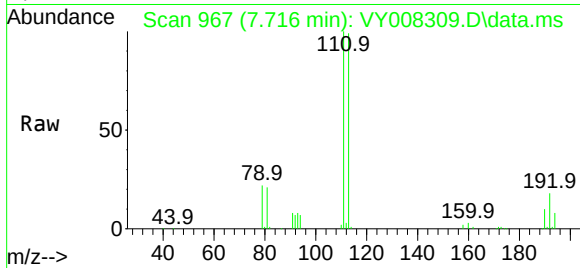




#35
Dibromofluoromethane
Concen: 53.914 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

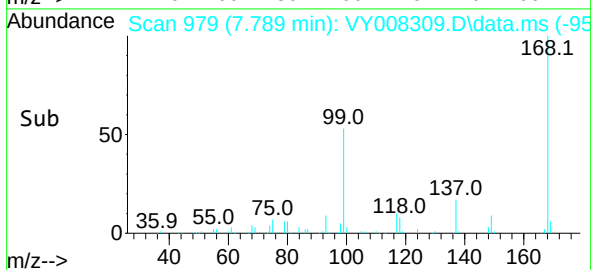
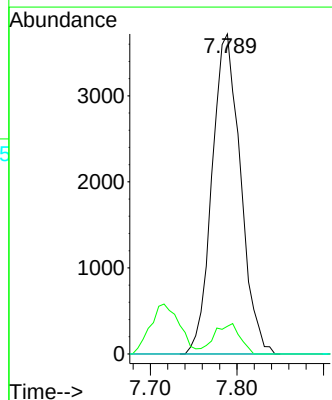
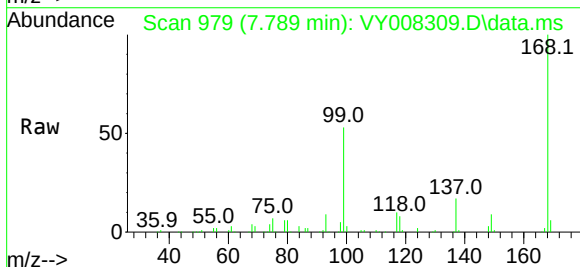
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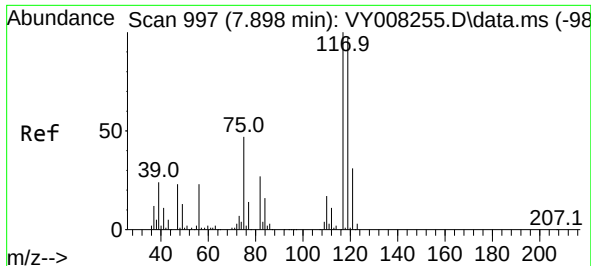
Tgt Ion:113 Resp: 63186
Ion Ratio Lower Upper
113 100
111 103.9 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.532 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

Tgt Ion: 75 Resp: 8482
Ion Ratio Lower Upper
75 100
110 8.7 17.1 51.2#
77 0.0 24.4 36.6#

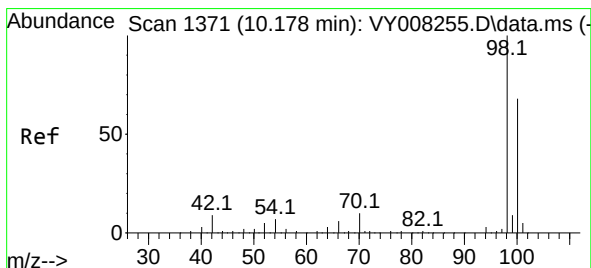
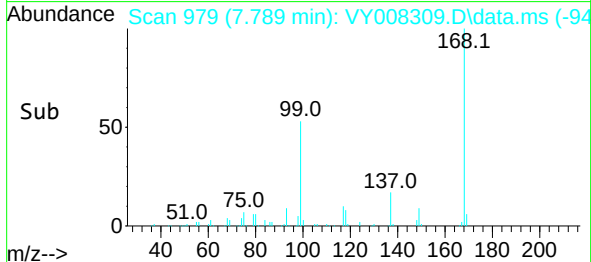
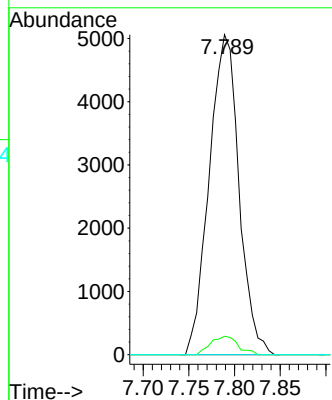
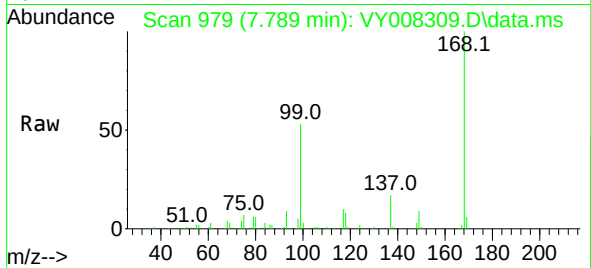




#38
Carbon Tetrachloride
Concen: 5.696 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

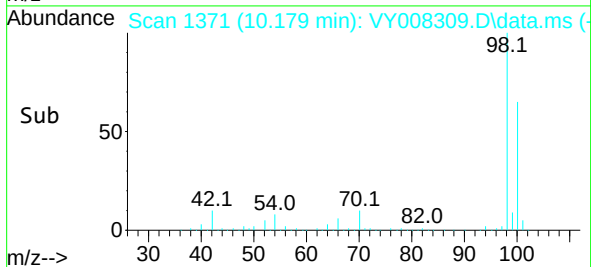
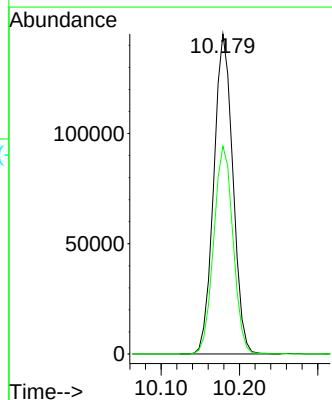
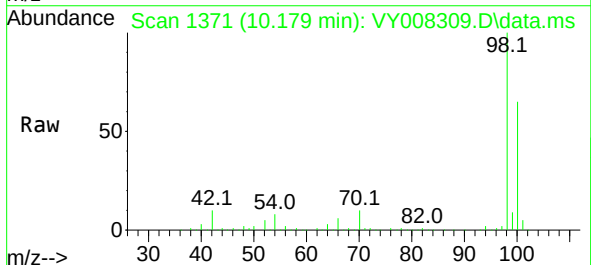
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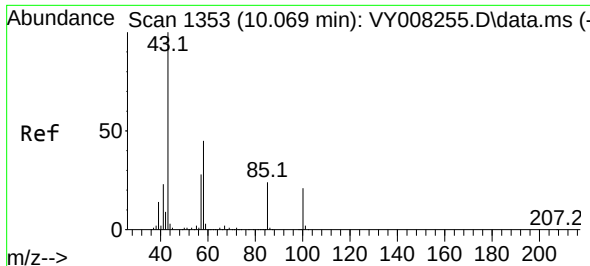
Tgt Ion:117 Resp: 11469
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.322 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

Tgt Ion: 98 Resp: 245917
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

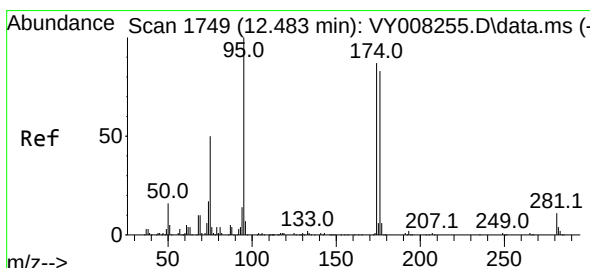
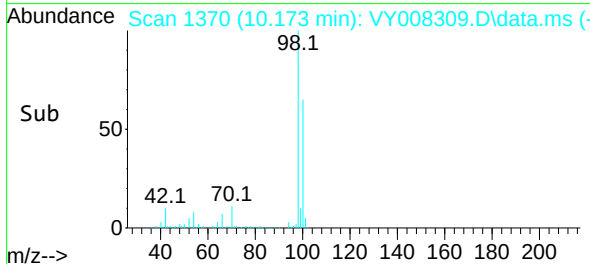
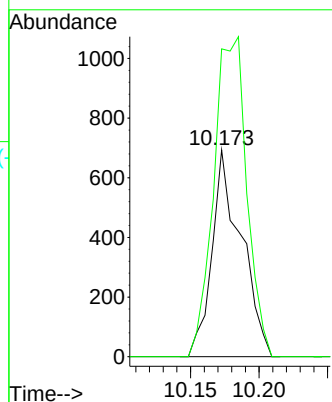
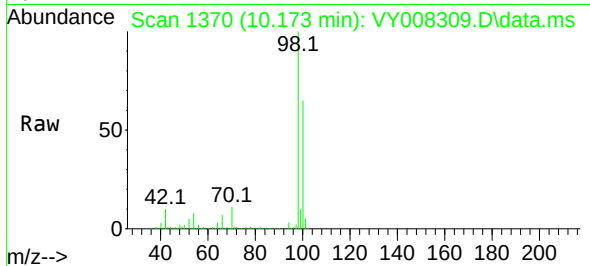




#51
4-Methyl-2-Pentanone
Concen: 1.108 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

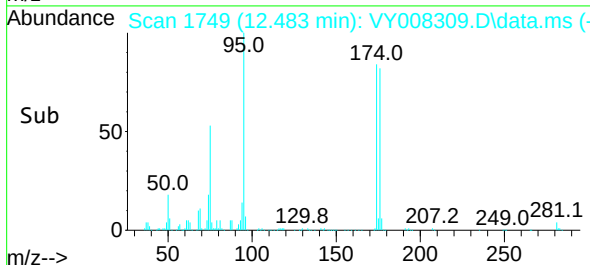
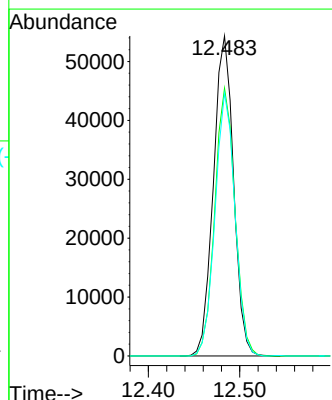
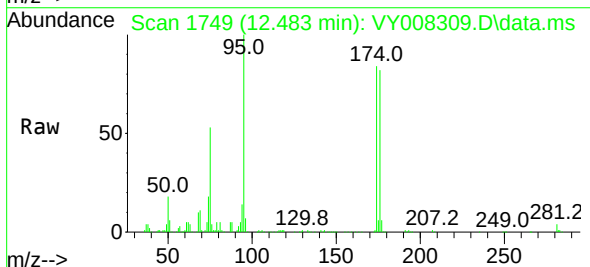
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-B

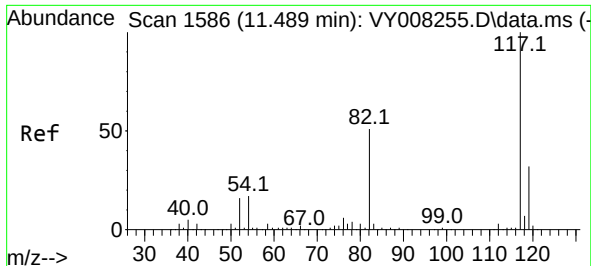
Tgt Ion: 43 Resp: 1025
Ion Ratio Lower Upper
43 100
58 175.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 55.067 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

Tgt Ion: 95 Resp: 83060
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.3 0.0 175.8

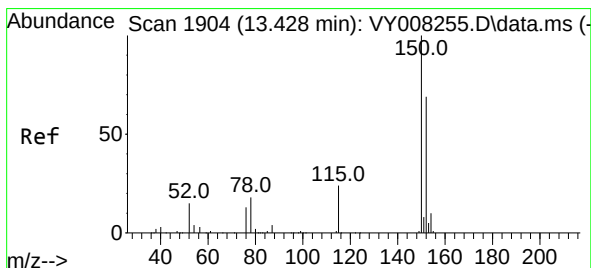
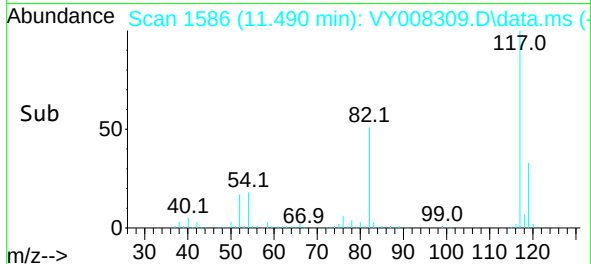
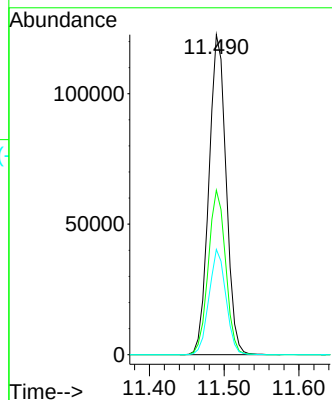
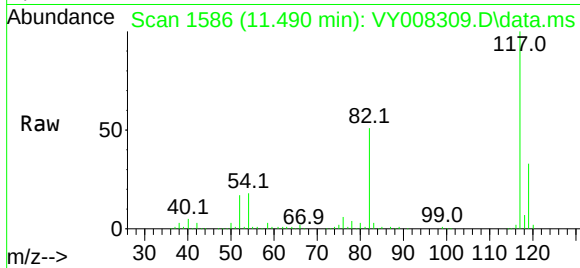




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

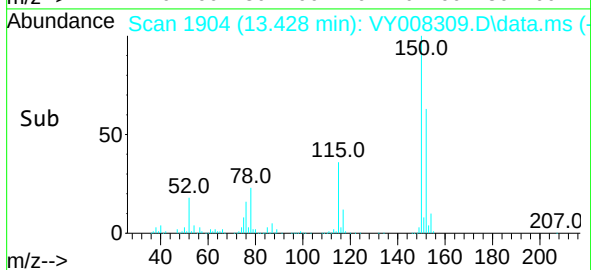
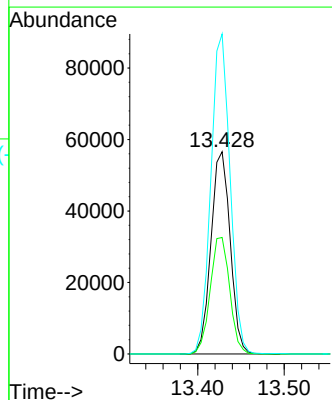
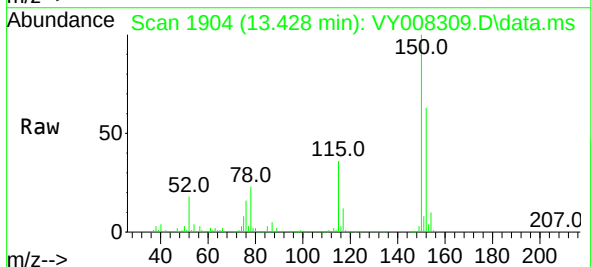
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-041122-B

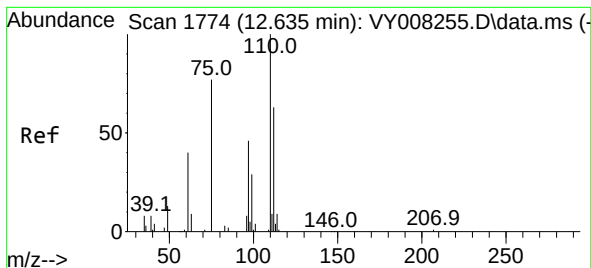
Tgt Ion:117 Resp: 195904
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008309.D
Acq: 13 Apr 2022 13:53

Tgt Ion:152 Resp: 87304
Ion Ratio Lower Upper
152 100
115 58.3 28.2 84.7
150 157.7 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 45.431 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008309.D

Acq: 13 Apr 2022 13:53

Instrument :

MSVOA_Y

ClientSampleId :

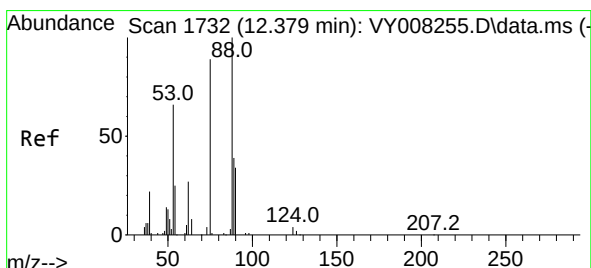
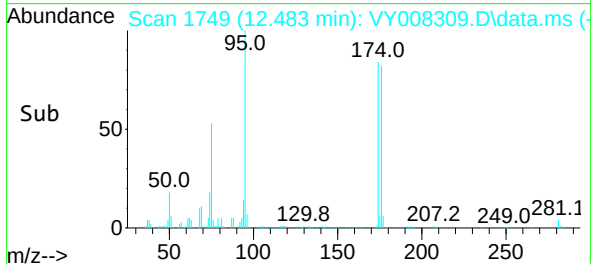
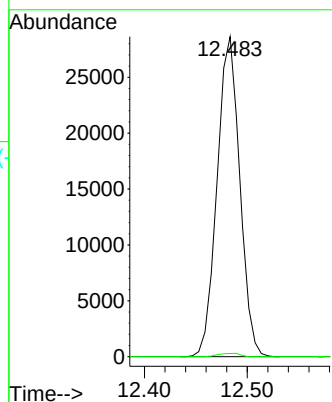
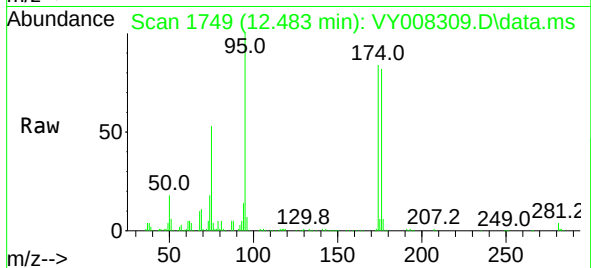
JC-03-041122-B

Tgt Ion: 75 Resp: 43866

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 101.650 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY008309.D

Acq: 13 Apr 2022 13:53

Tgt Ion: 75 Resp: 43866

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.1 37.0 55.4#

