

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008334.D
 Acq On : 14 Apr 2022 17:48
 Operator : KP/MD
 Sample : N2401-04
 Misc : 4.31g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-4-11.5

Quant Time: Apr 15 06:16:28 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)

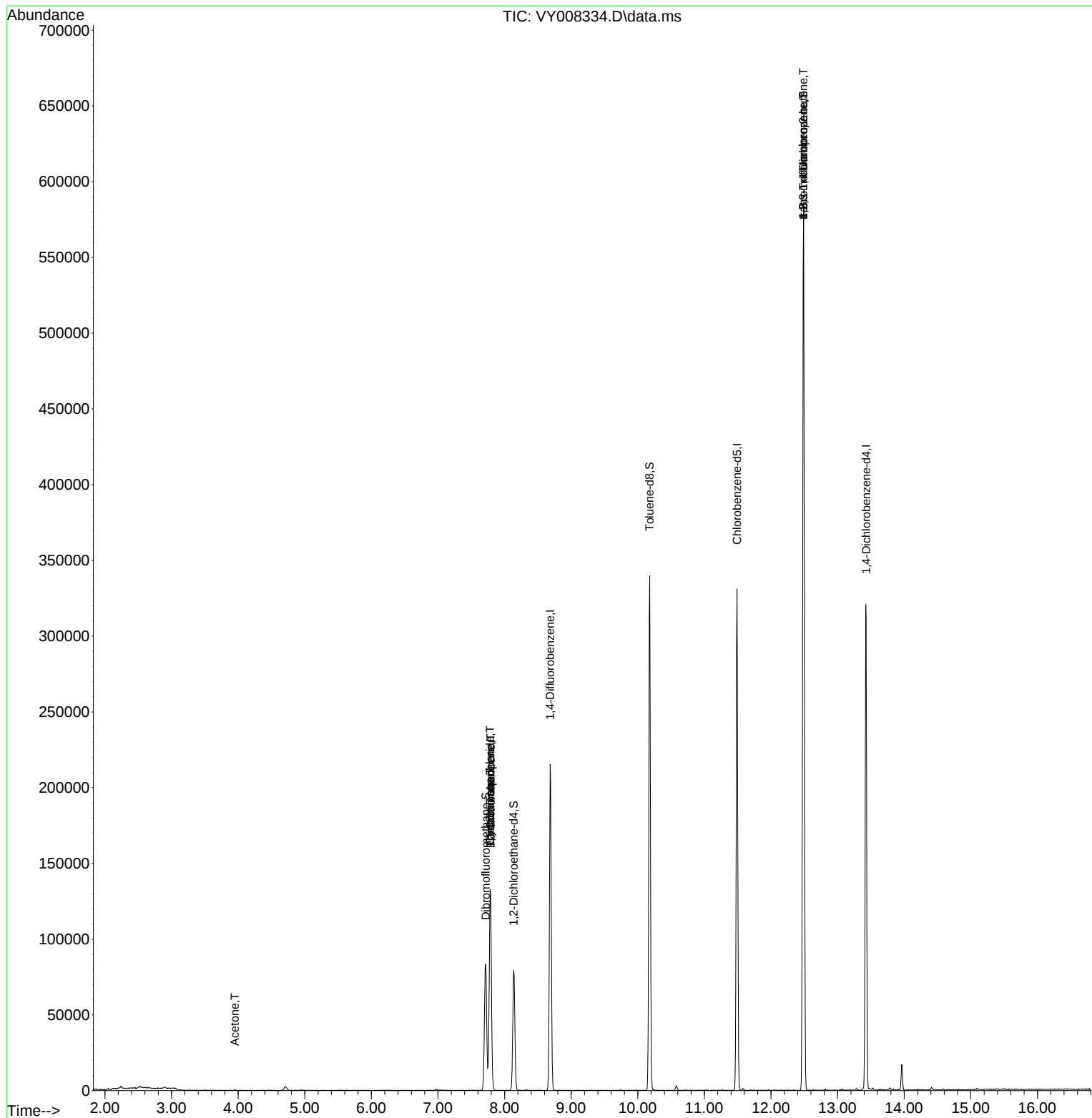
Internal Standards						
1) Pentafluorobenzene	7.789	168	105442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	189505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	181421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81334	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	60896	61.484	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.960%	
35) Dibromofluoromethane	7.716	113	59877	54.705	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.400%	
50) Toluene-d8	10.179	98	223554	59.689	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 119.380%	
62) 4-Bromofluorobenzene	12.483	95	81031	57.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.040%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	187	Below Cal	#	44
5) Bromomethane	2.662	94	223	Below Cal	#	53
16) Acetone	3.948	43	515	2.162	ug/l #	87
18) Methyl Acetate	4.472	43	226	Below Cal	#	56
20) Methylene Chloride	4.716	84	2120	Below Cal	#	82
31) Cyclohexane	7.783	56	2215	1.237	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	7847	4.490	ug/l #	52
38) Carbon Tetrachloride	7.783	117	10428	5.546	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	46308	51.480	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46308	115.185	ug/l #	8

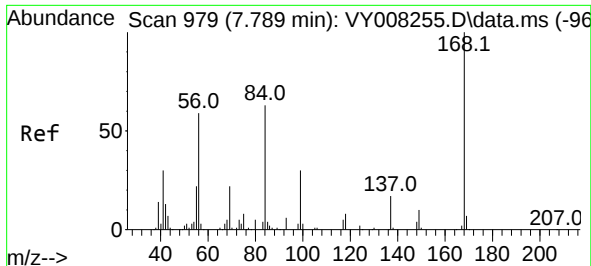
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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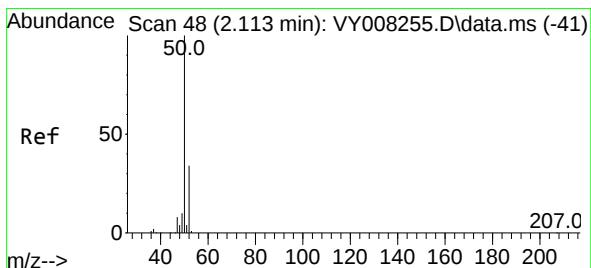
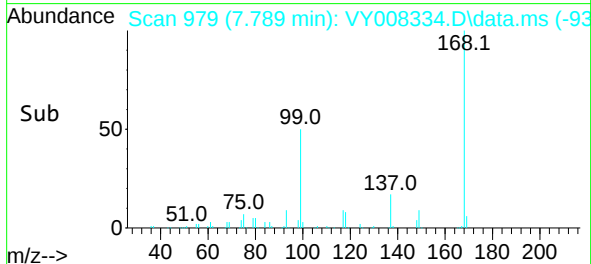
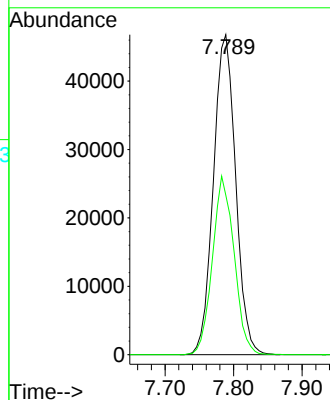
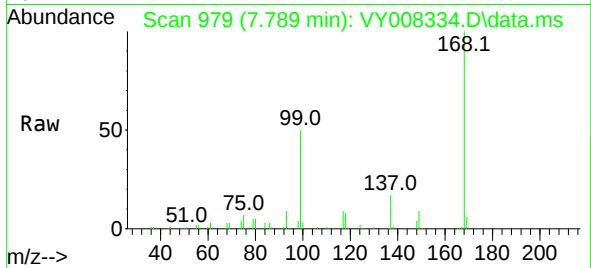




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008334.D
Acq: 14 Apr 2022 17:48

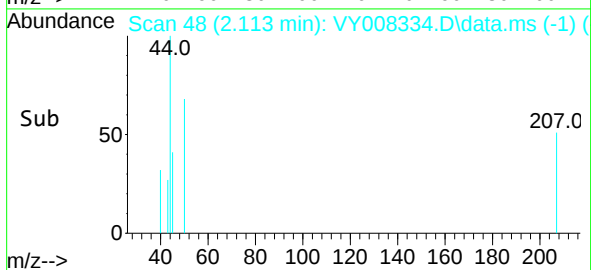
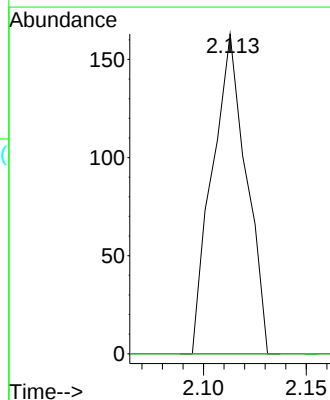
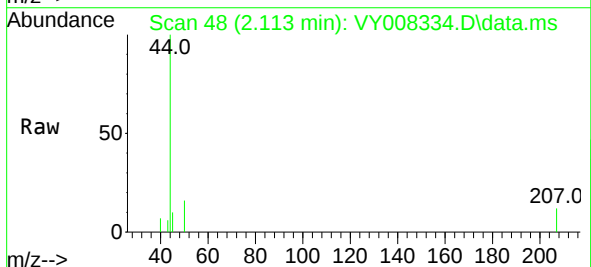
Instrument :
MSVOA_Y
ClientSampleId :
CL-4-11.5

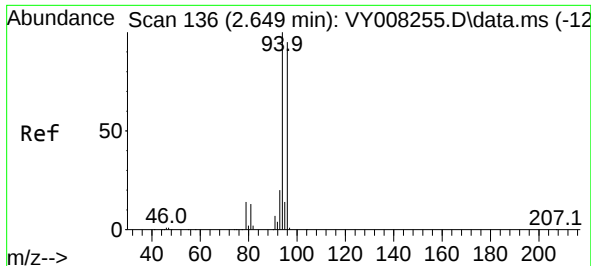
Tgt Ion:168 Resp: 105442
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008334.D
Acq: 14 Apr 2022 17:48

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

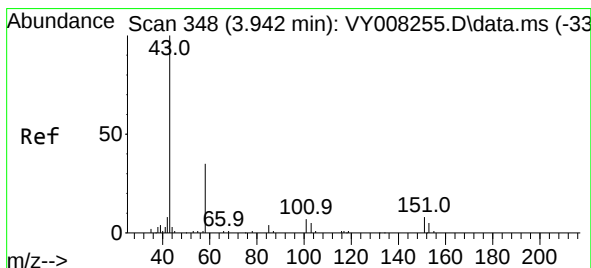
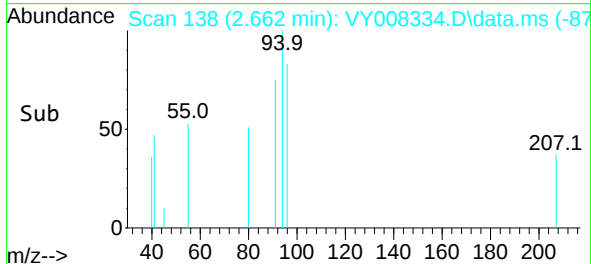
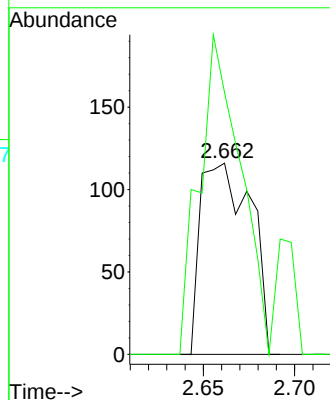
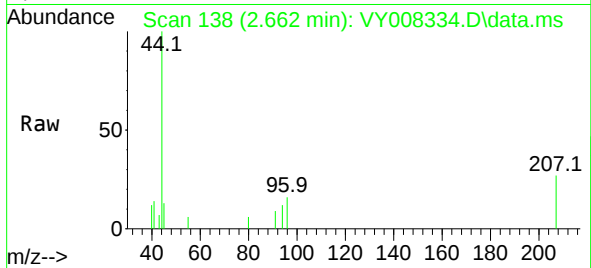




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008334.D
Acq: 14 Apr 2022 17:48

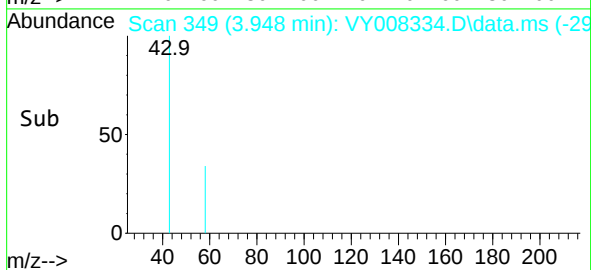
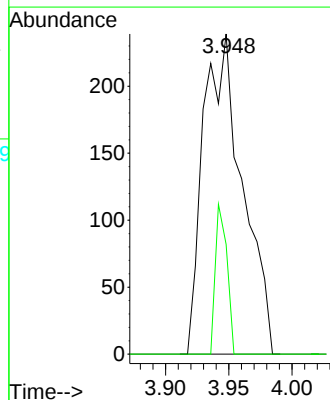
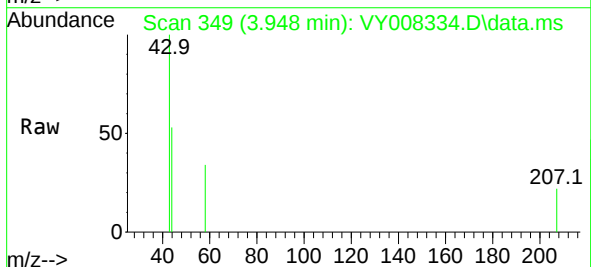
Instrument :
MSVOA_Y
ClientSampleId :
CL-4-11.5

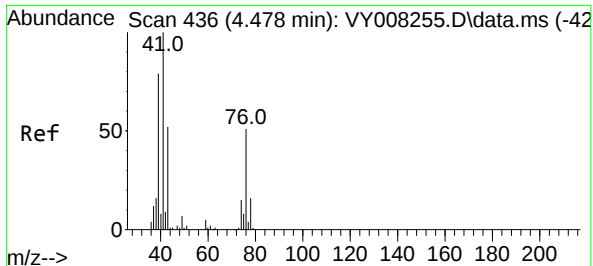
Tgt Ion: 94 Resp: 223
Ion Ratio Lower Upper
94 100
96 137.1 73.5 110.3#



#16
Acetone
Concen: 2.162 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008334.D
Acq: 14 Apr 2022 17:48

Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY008334.D

Acq: 14 Apr 2022 17:48

Instrument :

MSVOA_Y

ClientSampleId :

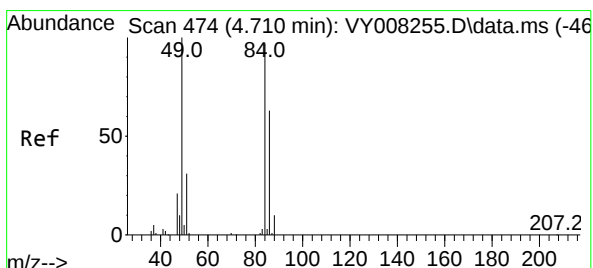
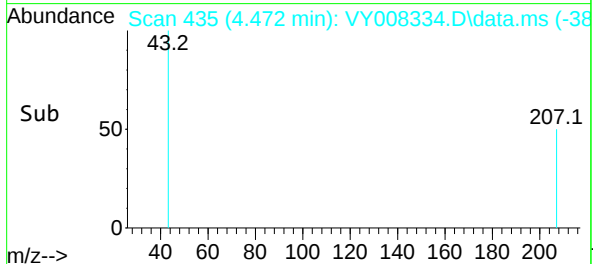
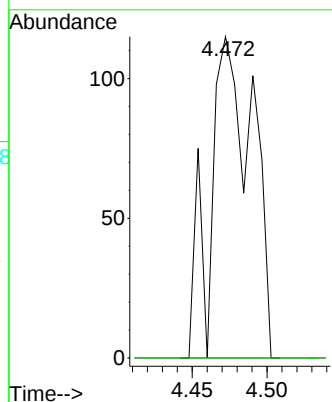
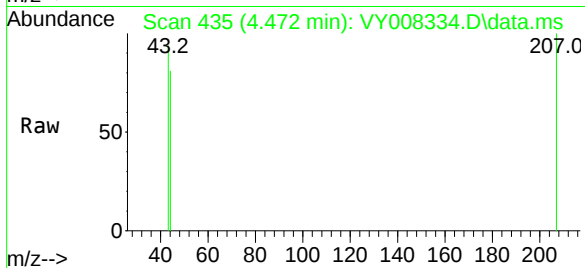
CL-4-11.5

Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY008334.D

Acq: 14 Apr 2022 17:48

Tgt Ion: 84 Resp: 2120

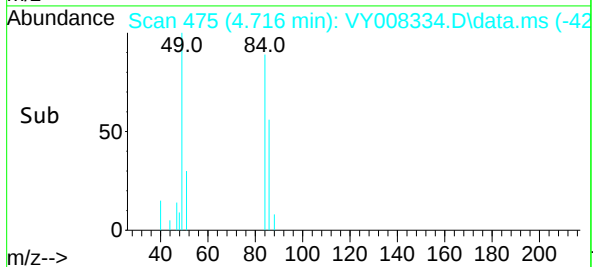
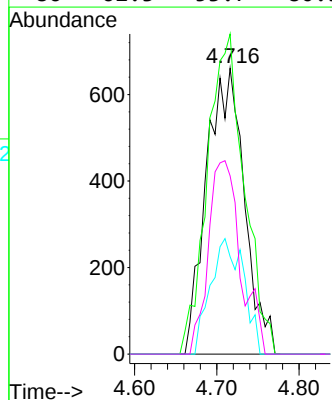
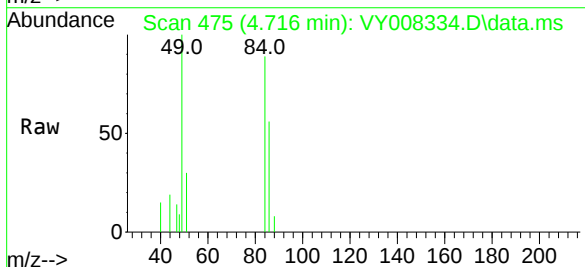
Ion Ratio Lower Upper

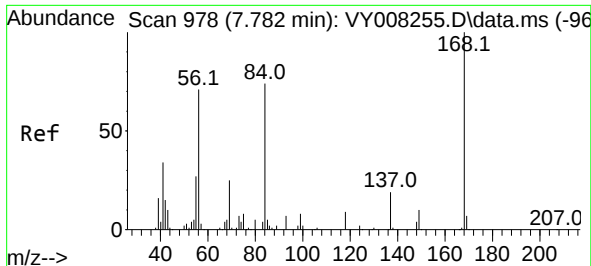
84 100

49 112.0 114.4 171.6#

51 34.0 35.3 52.9#

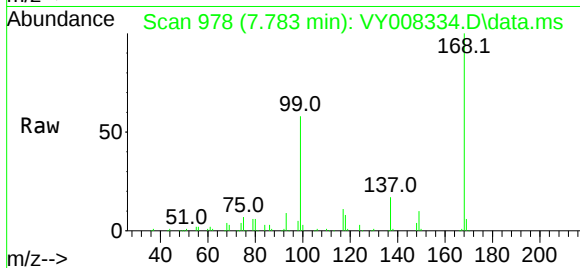
86 62.3 53.7 80.5



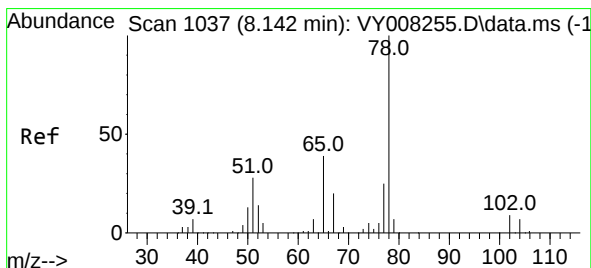
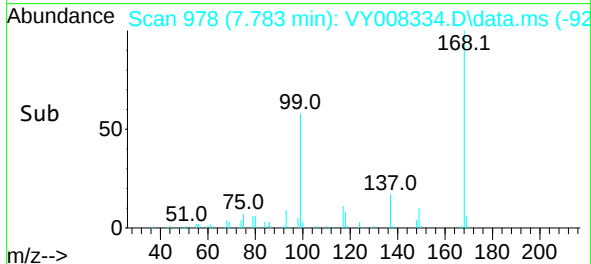
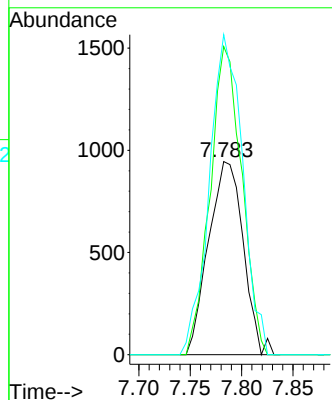


#31
Cyclohexane
Concen: 1.237 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008334.D
Acq: 14 Apr 2022 17:48

Instrument :
MSVOA_Y
ClientSampleId :
CL-4-11.5

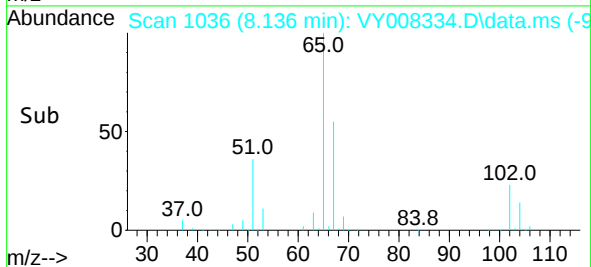
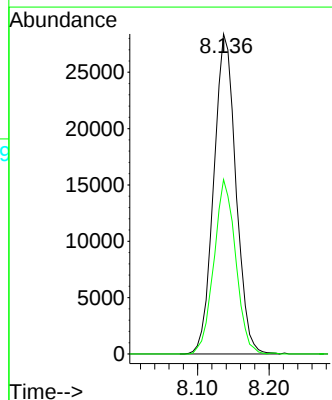
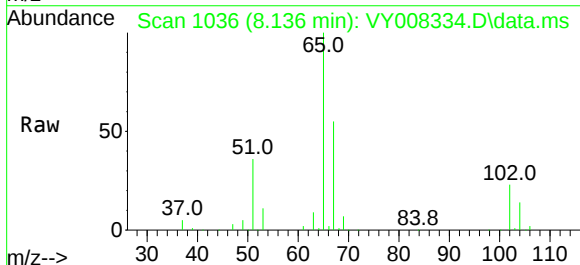


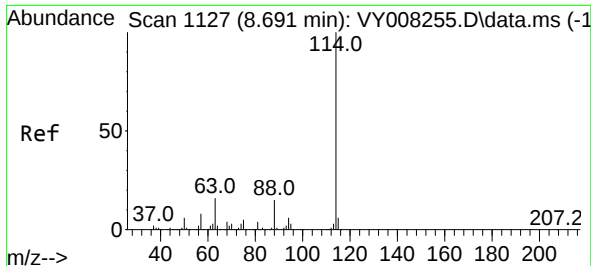
Tgt Ion: 56 Resp: 2215
Ion Ratio Lower Upper
56 100
69 159.6 26.7 40.1#
84 165.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.484 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008334.D
Acq: 14 Apr 2022 17:48

Tgt Ion: 65 Resp: 60896
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

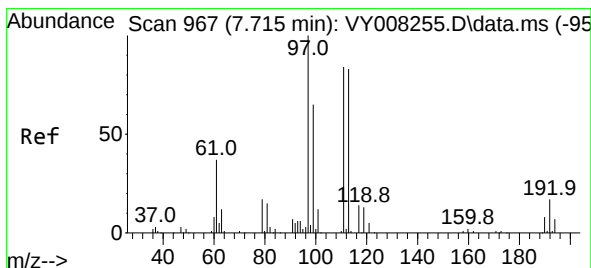
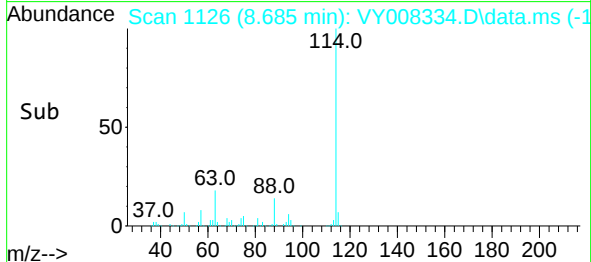
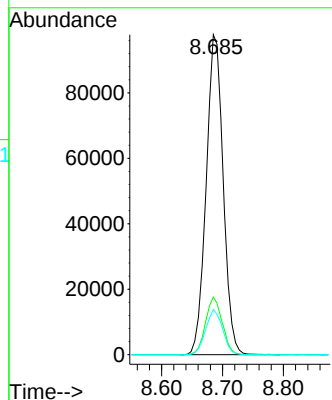
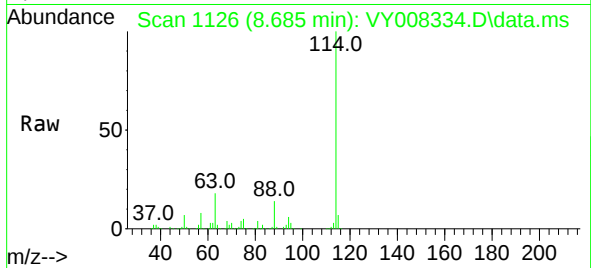




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1127
 Delta R.T. -0.006 min
 Lab File: VY008334.D
 Acq: 14 Apr 2022 17:48

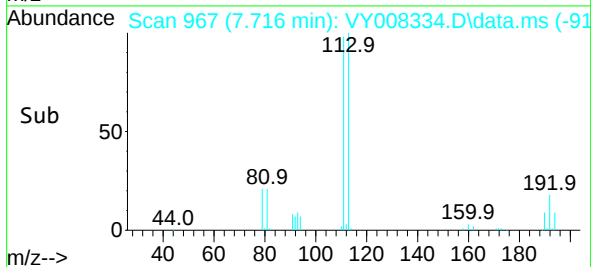
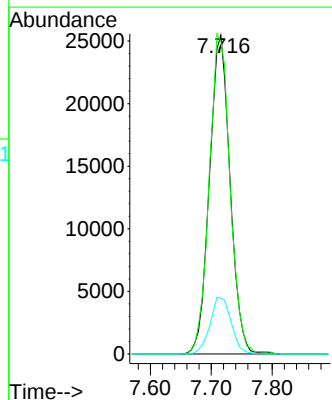
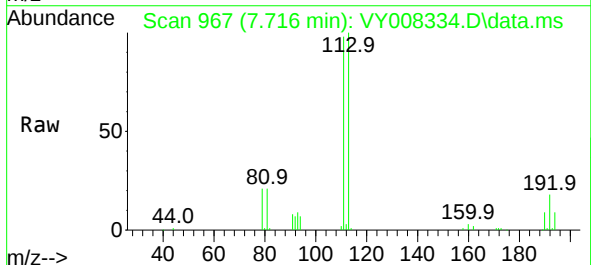
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-4-11.5

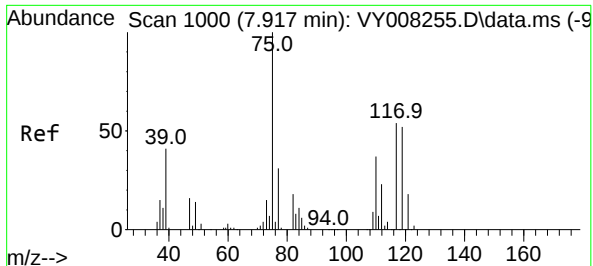
Tgt Ion:114 Resp: 189505
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 43.2
 88 14.1 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 54.705 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. 0.001 min
 Lab File: VY008334.D
 Acq: 14 Apr 2022 17:48

Tgt Ion:113 Resp: 59877
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.6 124.0
 192 18.2 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.490 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008334.D

Acq: 14 Apr 2022 17:48

Instrument :

MSVOA_Y

ClientSampleId :

CL-4-11.5

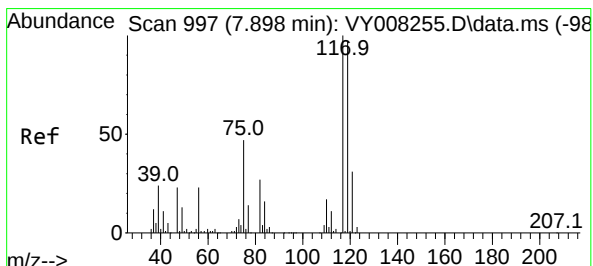
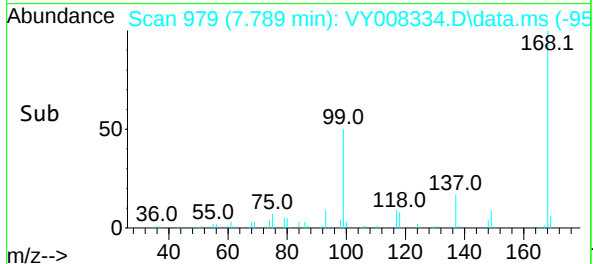
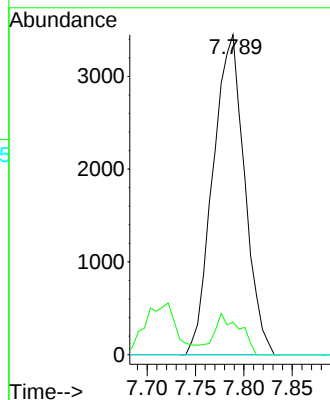
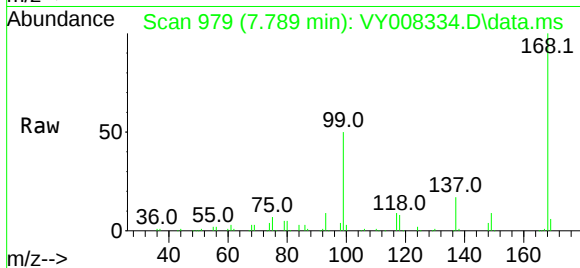
Tgt Ion: 75 Resp: 7847

Ion Ratio Lower Upper

75 100

110 10.7 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.546 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.115 min

Lab File: VY008334.D

Acq: 14 Apr 2022 17:48

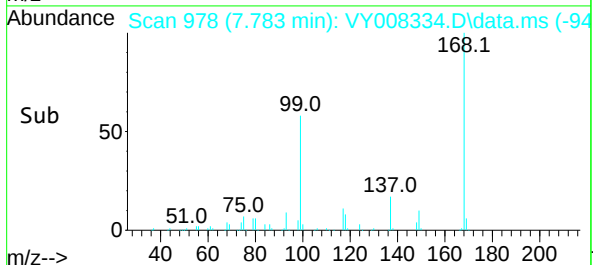
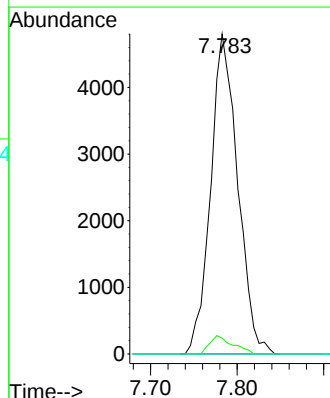
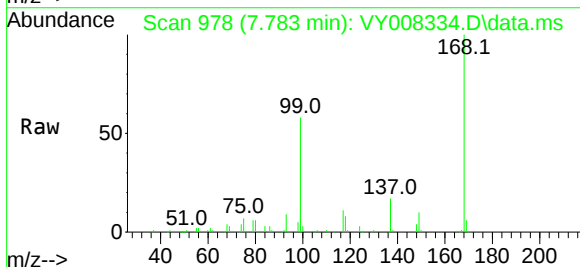
Tgt Ion: 117 Resp: 10428

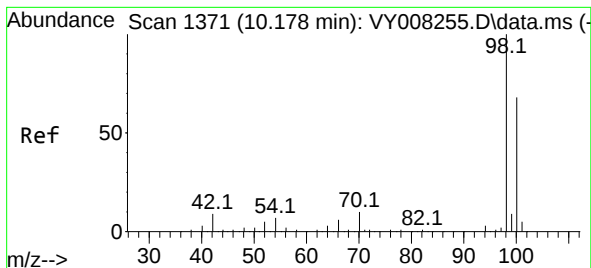
Ion Ratio Lower Upper

117 100

119 5.0 77.9 116.9#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 59.689 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008334.D

Acq: 14 Apr 2022 17:48

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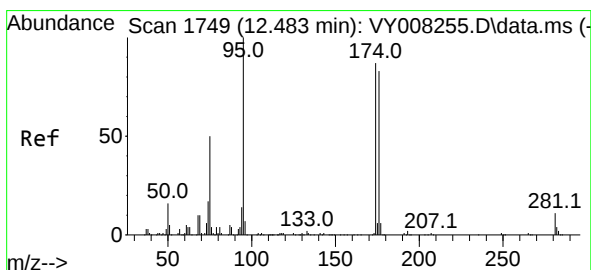
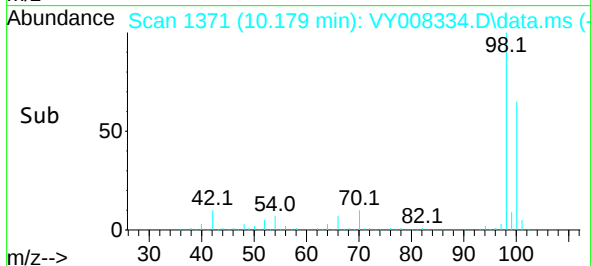
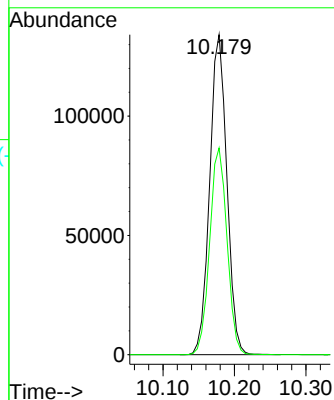
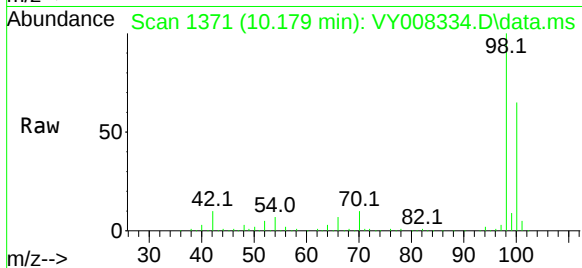
CL-4-11.5

Tgt Ion: 98 Resp: 223554

Ion Ratio Lower Upper

98 100

100 65.3 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 57.521 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY008334.D

Acq: 14 Apr 2022 17:48

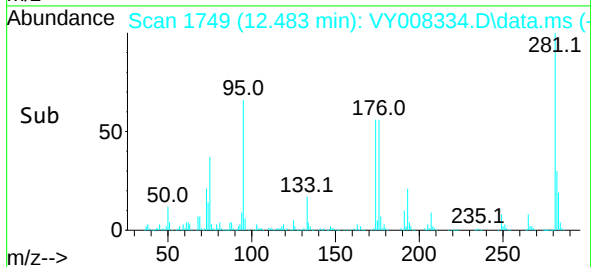
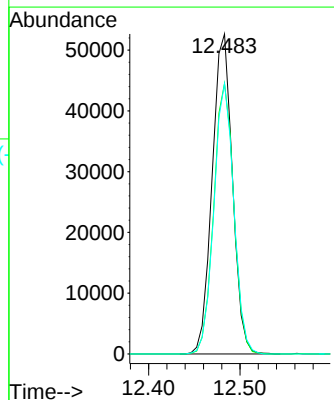
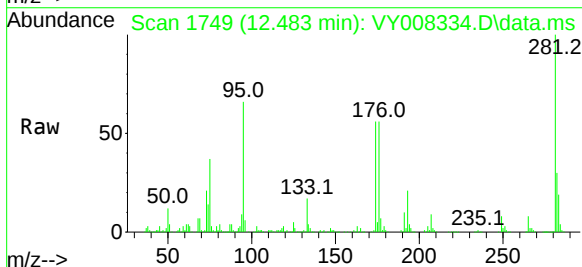
Tgt Ion: 95 Resp: 81031

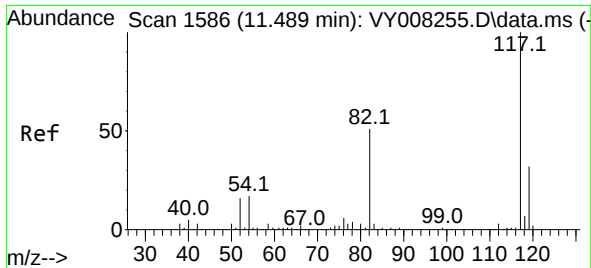
Ion Ratio Lower Upper

95 100

174 83.5 0.0 177.0

176 83.2 0.0 175.8

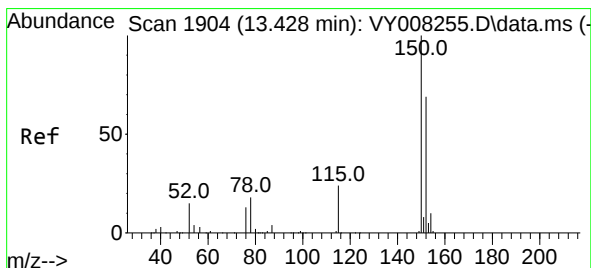
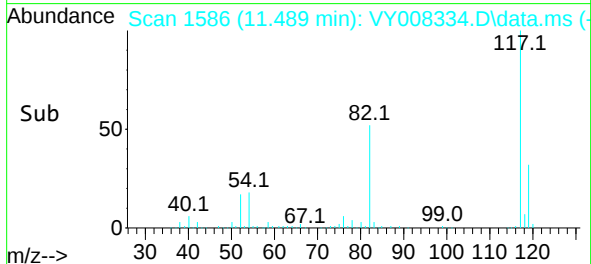
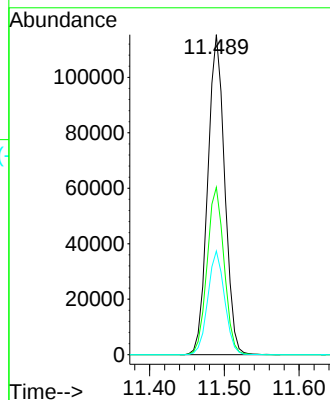
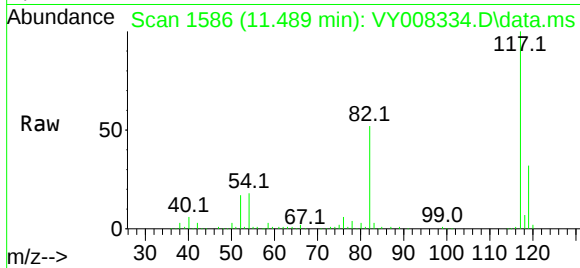




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008334.D
Acq: 14 Apr 2022 17:48

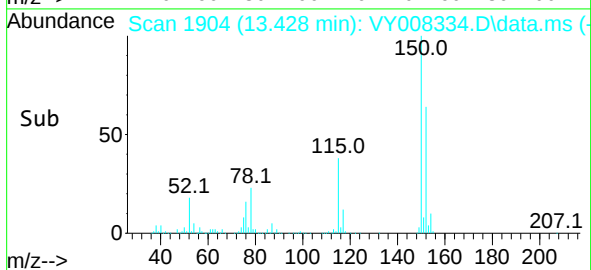
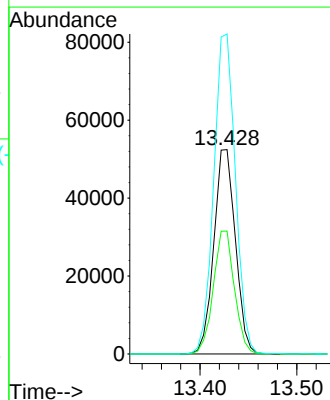
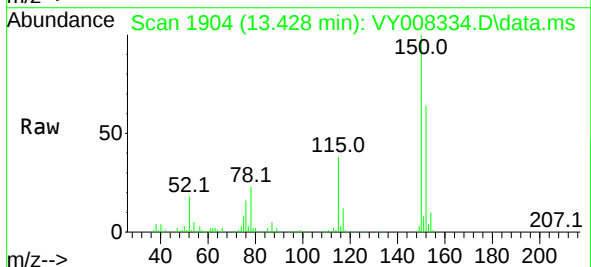
Instrument :
MSVOA_Y
ClientSampleId :
CL-4-11.5

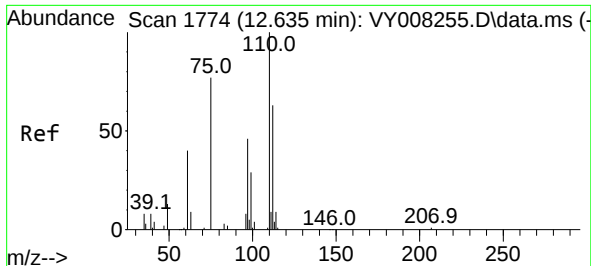
Tgt Ion:117 Resp: 181421
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY008334.D
Acq: 14 Apr 2022 17:48

Tgt Ion:152 Resp: 81334
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 156.7 0.0 347.6

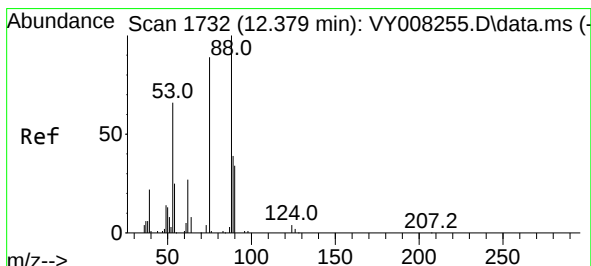
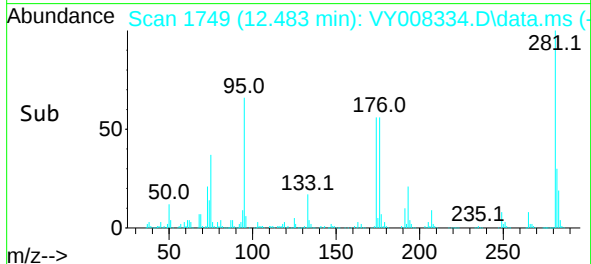
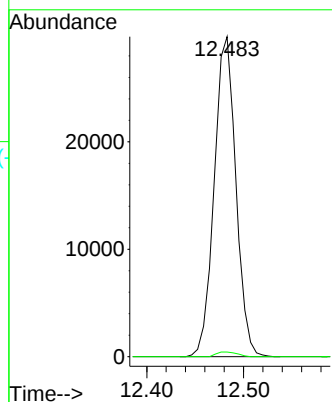
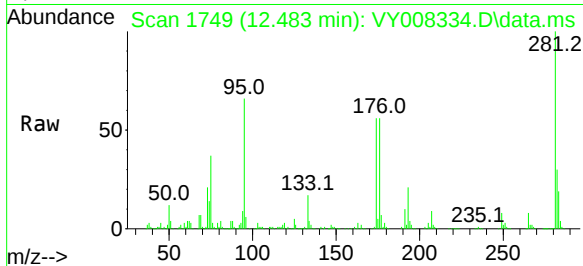




#76
1,2,3-Trichloropropane
Concen: 51.480 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008334.D
Acq: 14 Apr 2022 17:48

Instrument :
MSVOA_Y
ClientSampleId :
CL-4-11.5

Tgt Ion: 75 Resp: 46308
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.185 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008334.D
Acq: 14 Apr 2022 17:48

Tgt Ion: 75 Resp: 46308
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 2.6 37.0 55.4#

