

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008331.D
 Acq On : 14 Apr 2022 16:38
 Operator : KP/MD
 Sample : N2401-01
 Misc : 4.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-11.5

Quant Time: Apr 15 06:15:44 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)

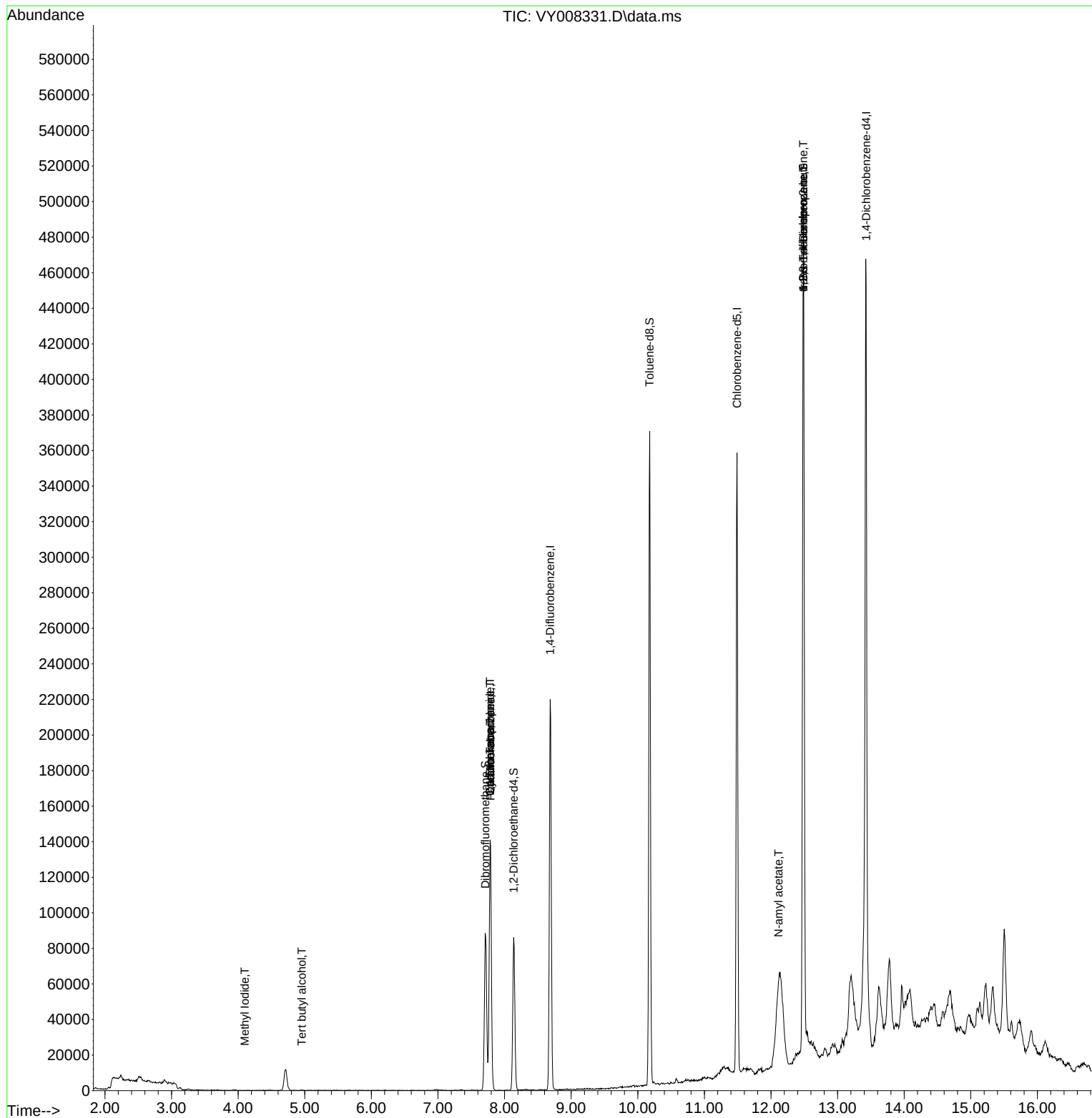
Internal Standards						
1) Pentafluorobenzene	7.789	168	109791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199787	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194669	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	64610	62.650	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.300%	
35) Dibromofluoromethane	7.710	113	62707	54.342	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.179	98	242554	61.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.860%	
62) 4-Bromofluorobenzene	12.483	95	89992	60.595	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 121.180%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	261	Below Cal	#	44
5) Bromomethane	2.662	94	316	Below Cal	#	80
10) Methyl Iodide	4.101	142	121	2.477	ug/l #	35
11) Tert butyl alcohol	4.954	59	122	1.107	ug/l #	77
18) Methyl Acetate	4.479	43	159	Below Cal	#	56
20) Methylene Chloride	4.704	84	9637	Below Cal	#	70
31) Cyclohexane	7.783	56	2354	1.262	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	8356	4.535	ug/l #	52
38) Carbon Tetrachloride	7.783	117	11244	5.672	ug/l #	15
74) N-amyl acetate	12.111	43	2204	1.460	ug/l #	47
76) 1,2,3-Trichloropropane	12.483	75	47876	46.284	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47876	103.559	ug/l #	8

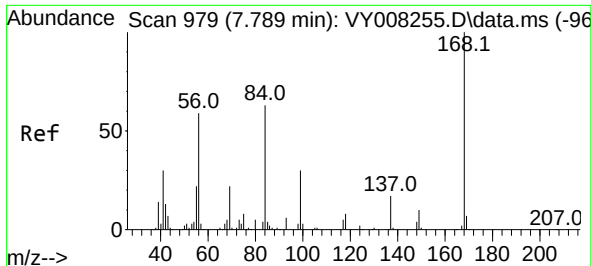
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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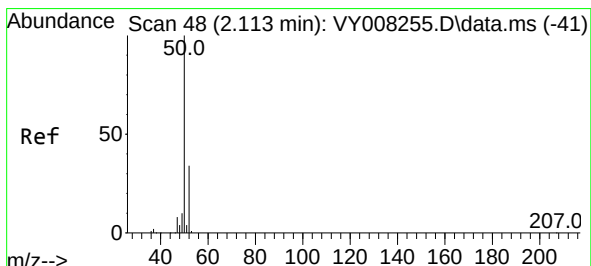
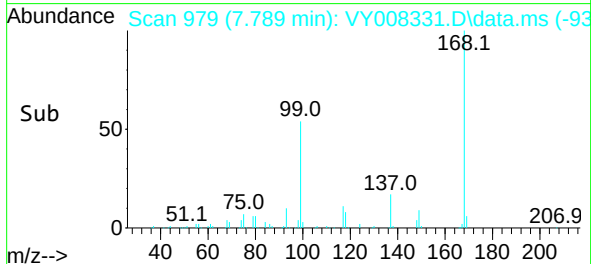
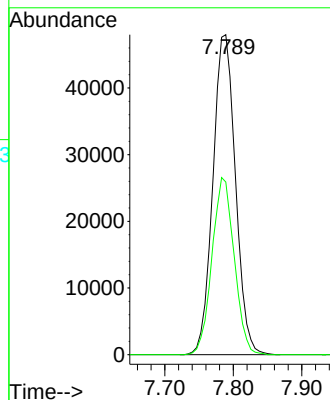
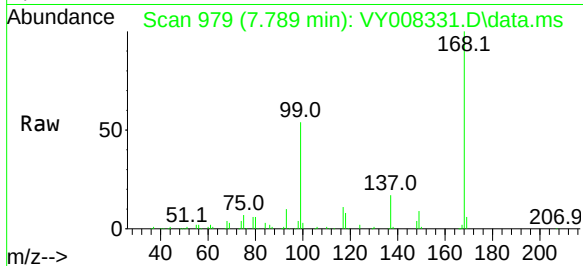




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

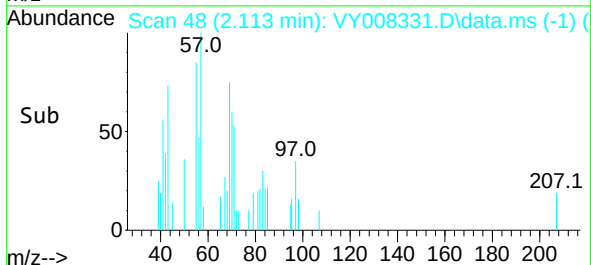
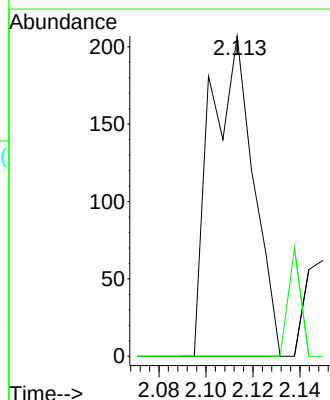
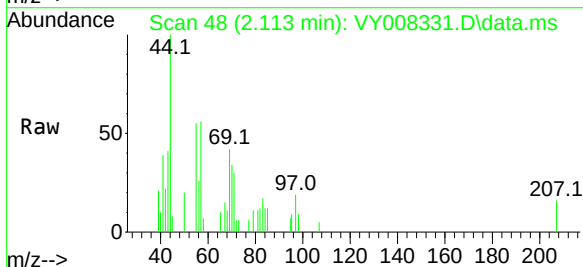
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-11.5

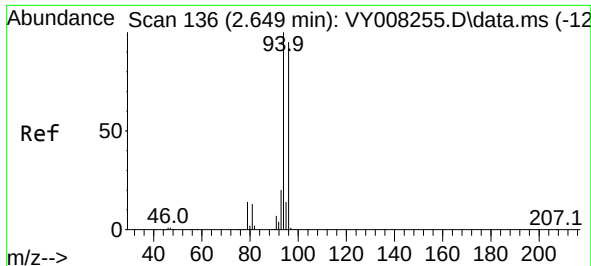
Tgt Ion:168 Resp: 109791
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

Tgt Ion: 50 Resp: 261
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

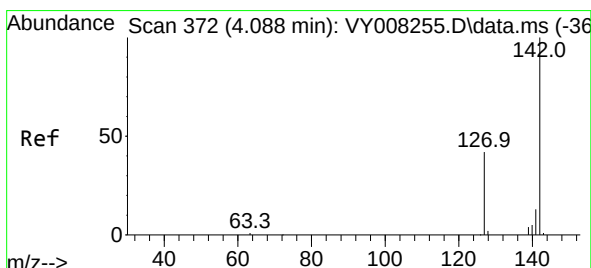
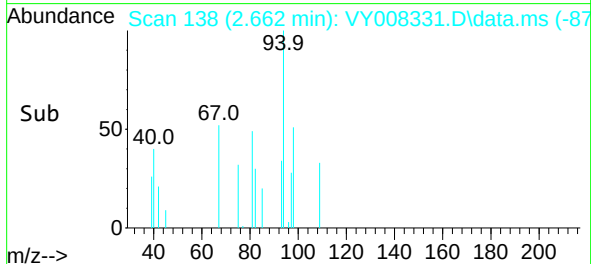
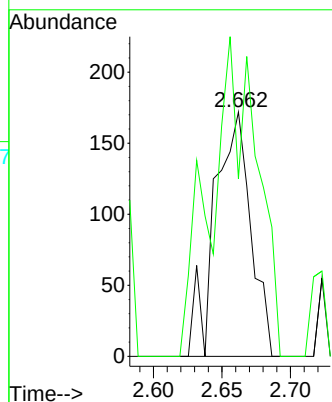
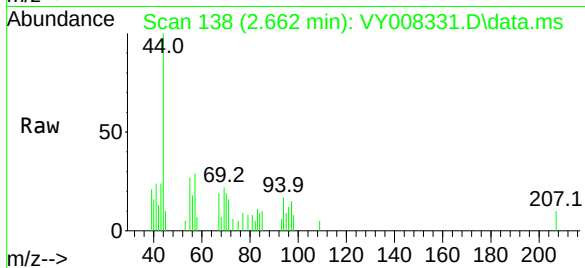




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

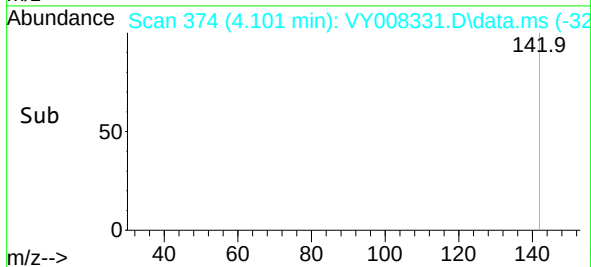
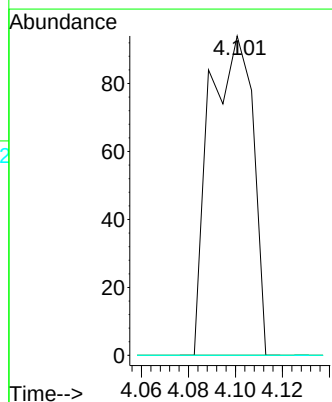
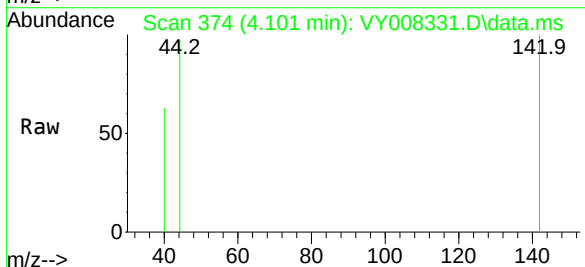
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-11.5

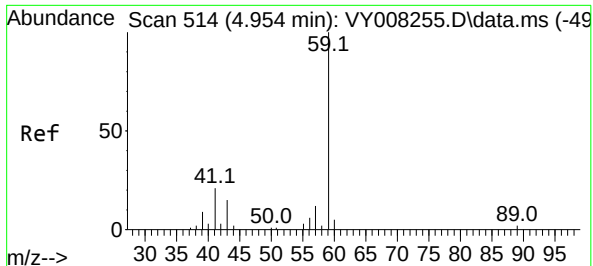
Tgt Ion: 94 Resp: 316
Ion Ratio Lower Upper
94 100
96 72.7 73.5 110.3#



#10
Methyl Iodide
Concen: 2.477 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

Tgt Ion: 142 Resp: 121
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

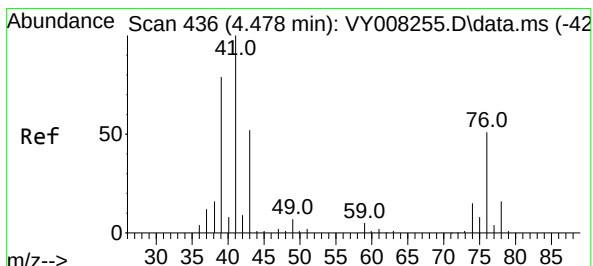
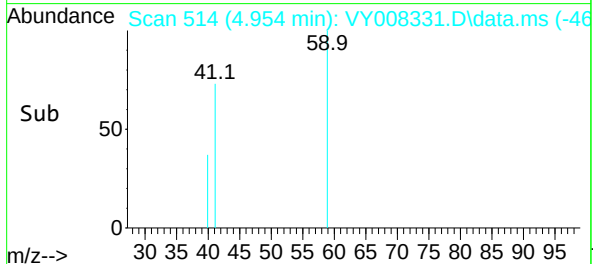
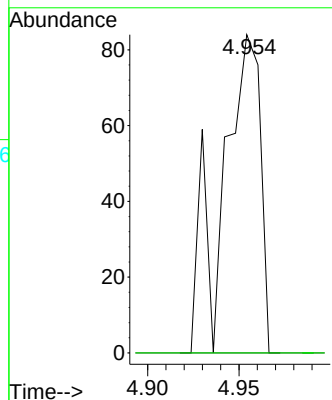
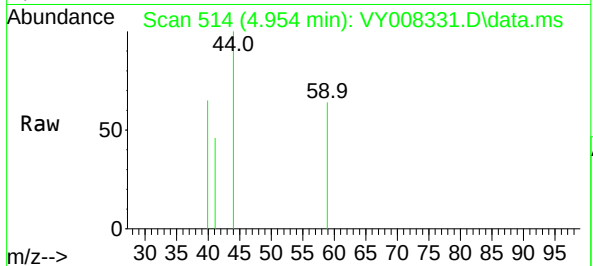




#11
Tert butyl alcohol
Concen: 1.107 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

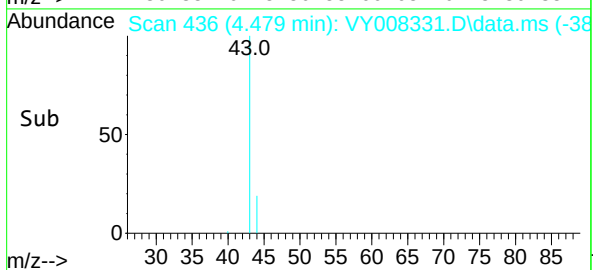
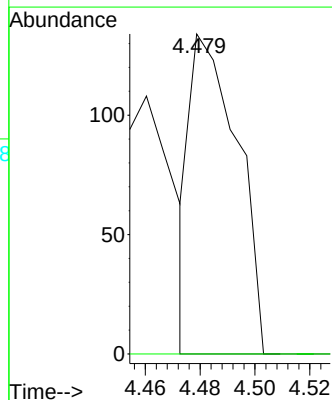
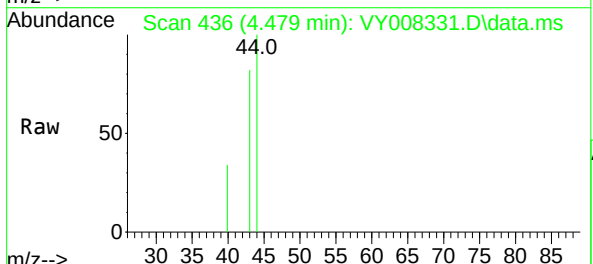
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-11.5

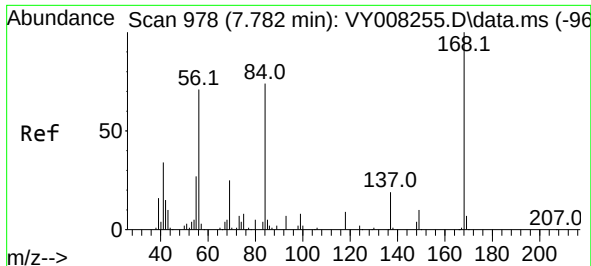
Tgt Ion: 59 Resp: 122
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 436
Delta R.T. 0.001 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

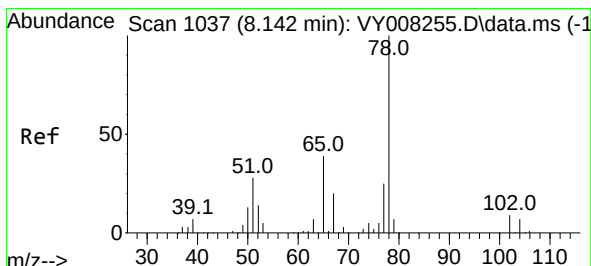
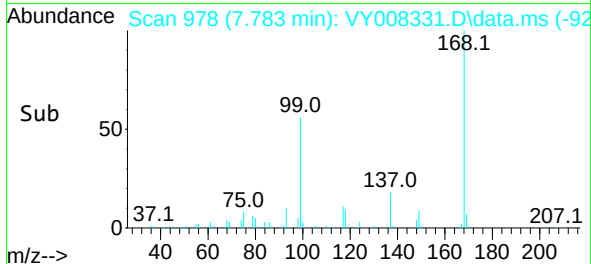
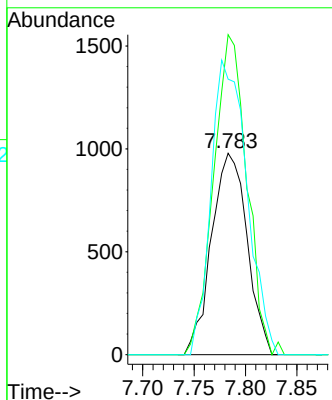
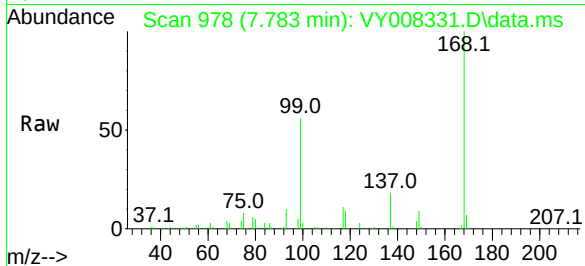




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

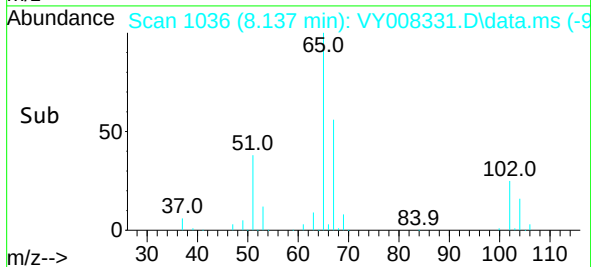
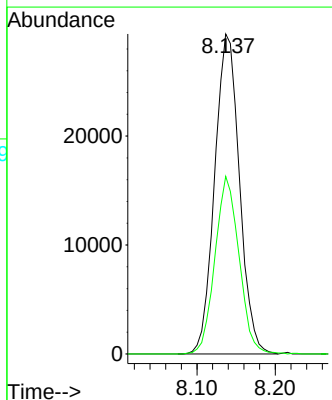
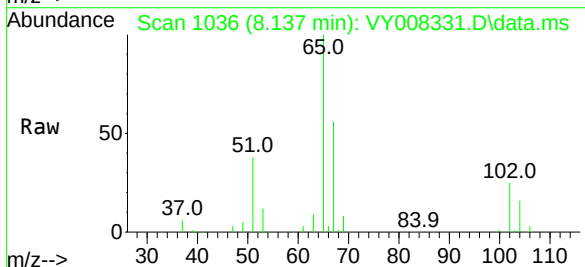
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-11.5

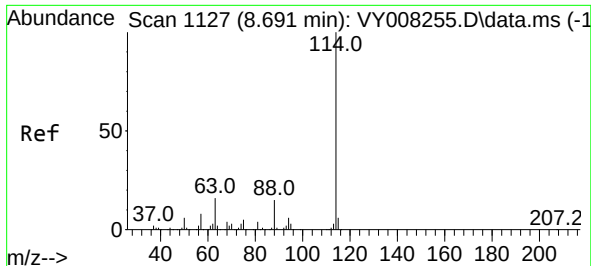
Tgt Ion: 56 Resp: 2354
Ion Ratio Lower Upper
56 100
69 158.8 26.7 40.1#
84 136.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 62.650 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

Tgt Ion: 65 Resp: 64610
Ion Ratio Lower Upper
65 100
67 53.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008331.D

Acq: 14 Apr 2022 16:38

Instrument :

MSVOA_Y

ClientSampleId :

CL-1-11.5

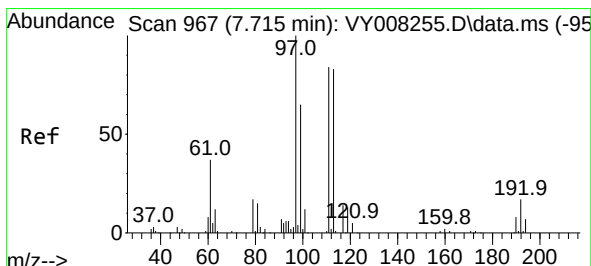
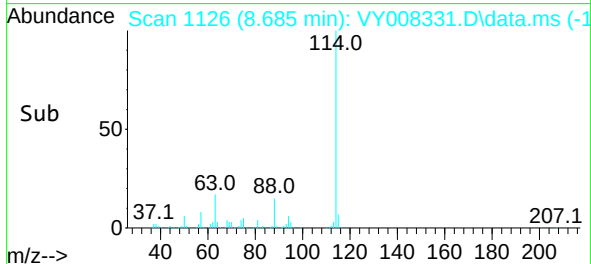
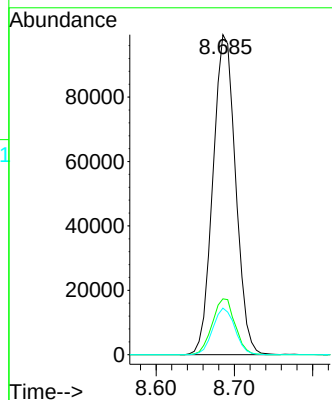
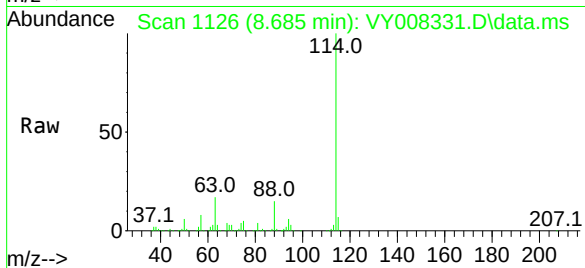
Tgt Ion:114 Resp: 199787

Ion Ratio Lower Upper

114 100

63 17.5 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 54.342 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.005 min

Lab File: VY008331.D

Acq: 14 Apr 2022 16:38

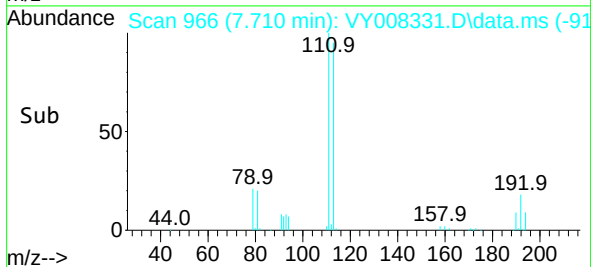
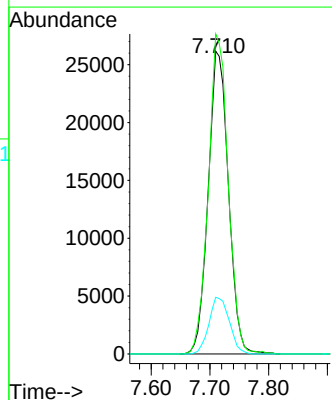
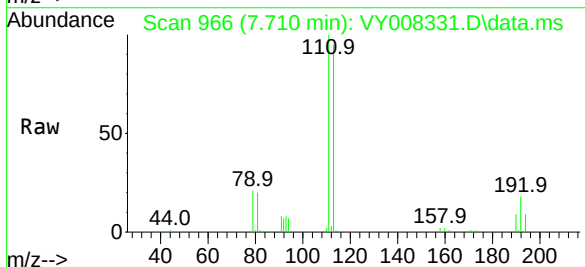
Tgt Ion:113 Resp: 62707

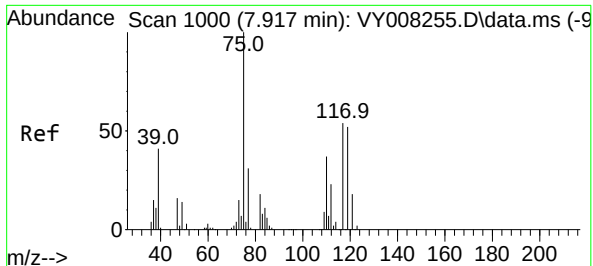
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 18.8 17.6 26.4

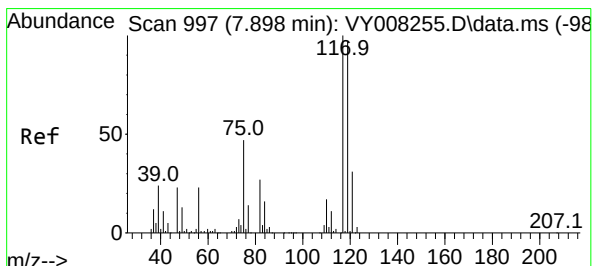
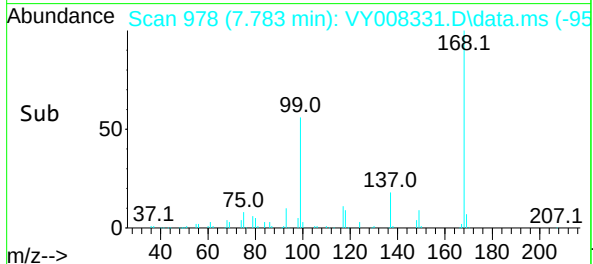
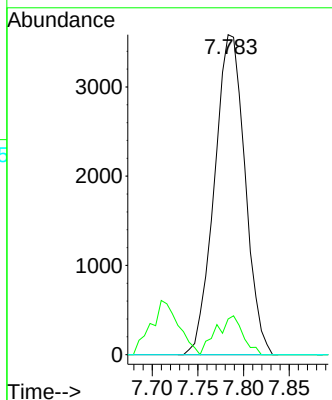
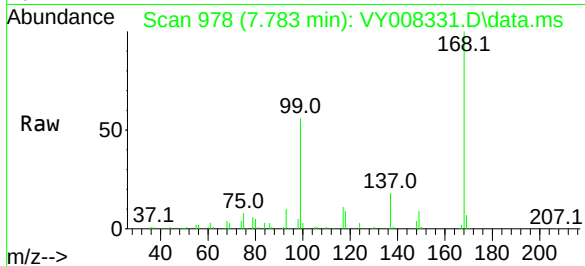




#36
 1,1-Dichloropropene
 Concen: 4.535 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY008331.D
 Acq: 14 Apr 2022 16:38

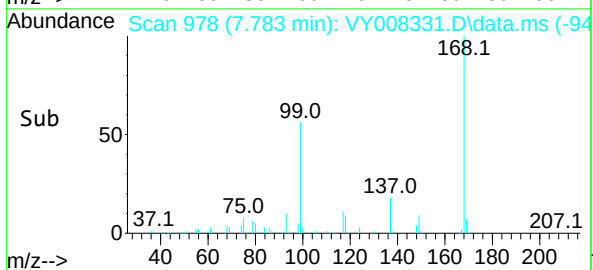
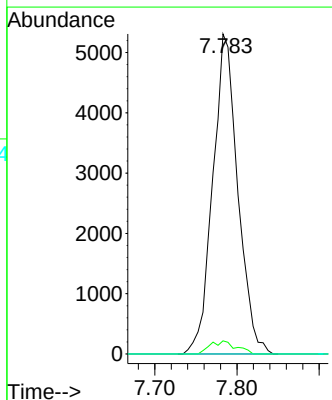
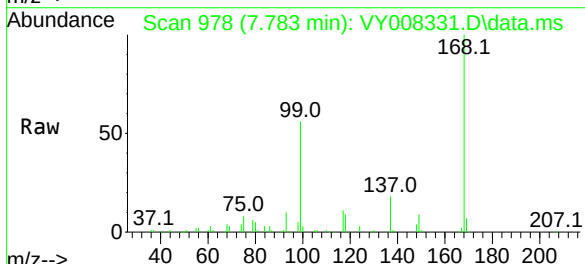
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-11.5

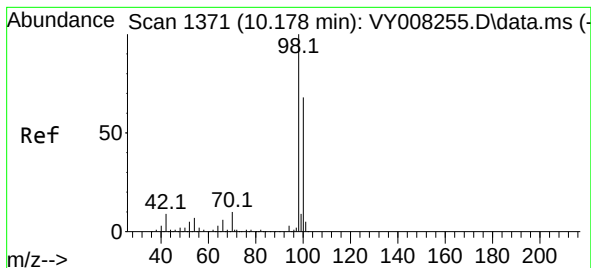
Tgt Ion: 75 Resp: 8356
 Ion Ratio Lower Upper
 75 100
 110 10.5 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.672 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.115 min
 Lab File: VY008331.D
 Acq: 14 Apr 2022 16:38

Tgt Ion: 117 Resp: 11244
 Ion Ratio Lower Upper
 117 100
 119 4.1 77.9 116.9#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 61.429 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008331.D

Acq: 14 Apr 2022 16:38

Instrument :

MSVOA_Y

ClientSampleId :

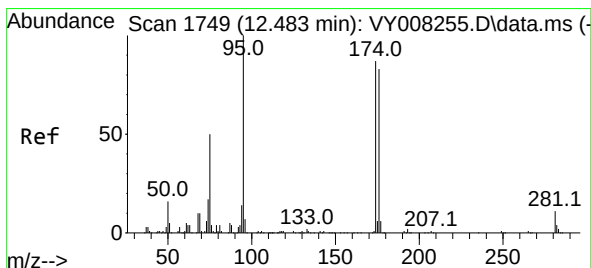
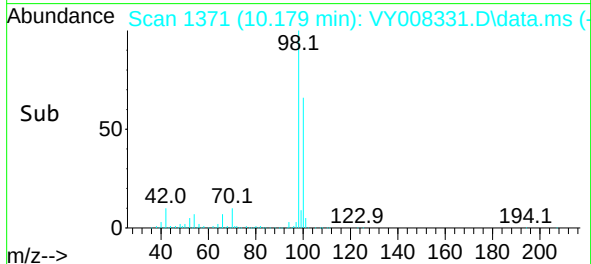
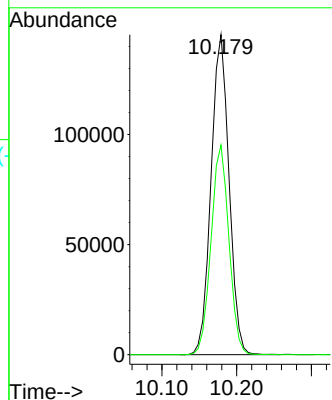
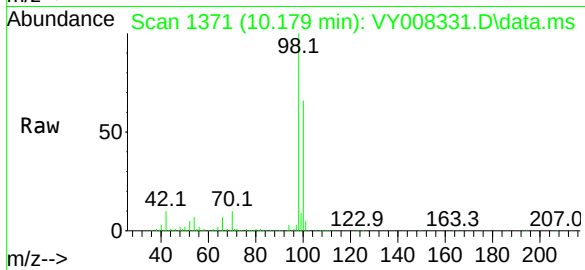
CL-1-11.5

Tgt Ion: 98 Resp: 242554

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 60.595 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008331.D

Acq: 14 Apr 2022 16:38

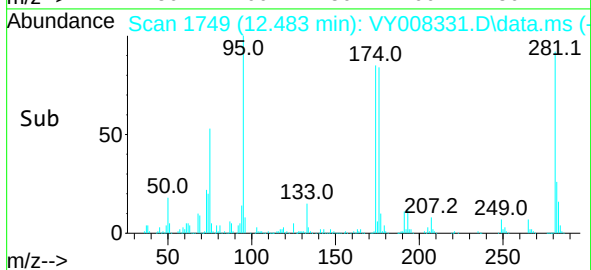
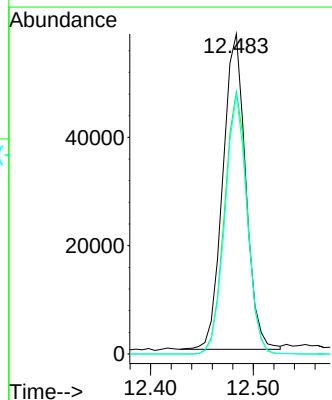
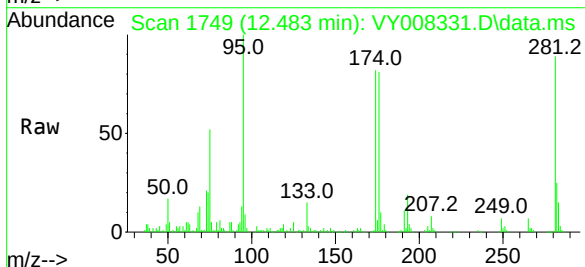
Tgt Ion: 95 Resp: 89992

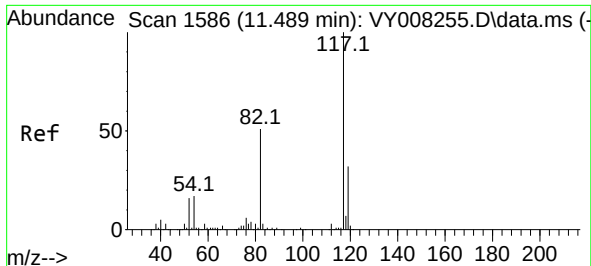
Ion Ratio Lower Upper

95 100

174 82.5 0.0 177.0

176 79.2 0.0 175.8

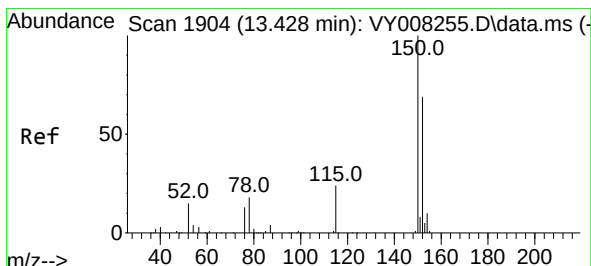
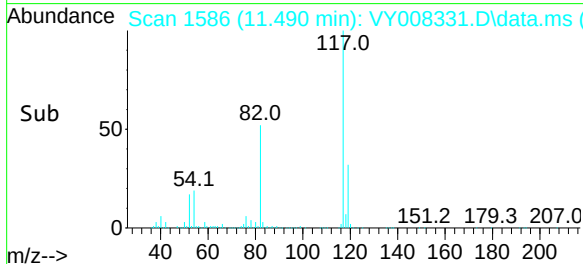
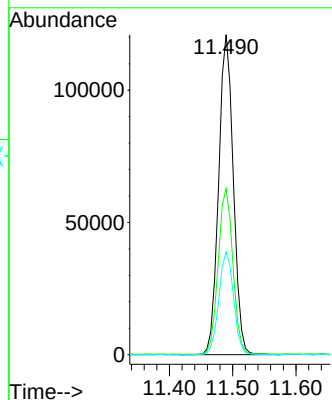
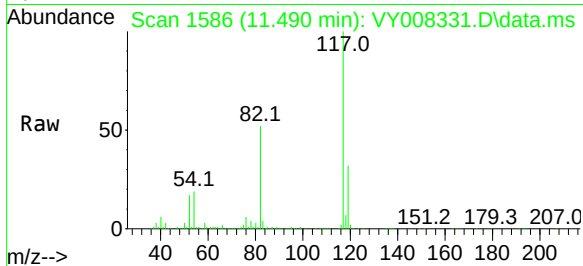




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

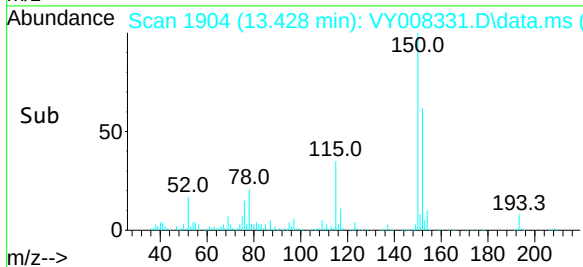
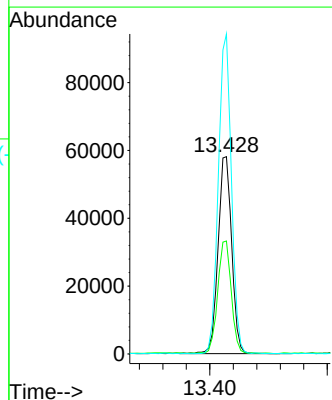
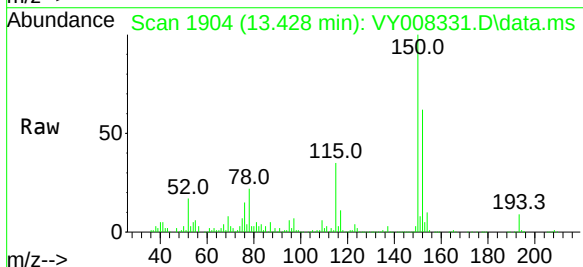
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-11.5

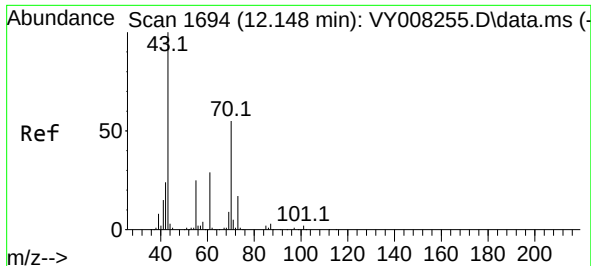
Tgt Ion:117 Resp: 194669
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

Tgt Ion:152 Resp: 93528
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 154.6 0.0 347.6

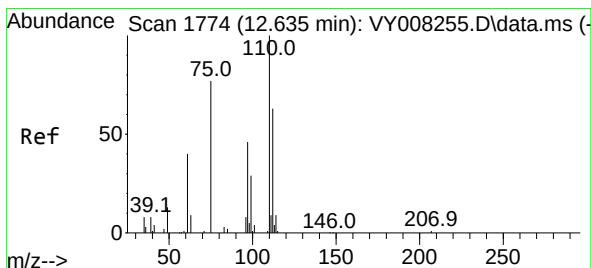
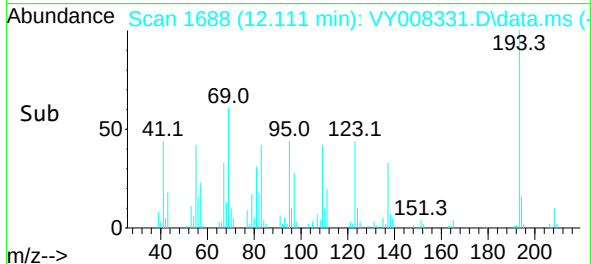
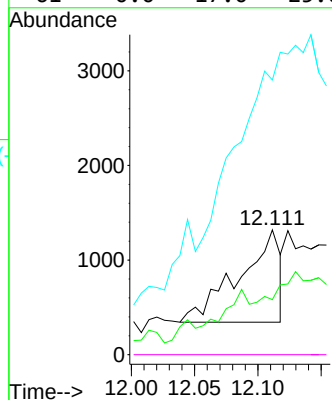
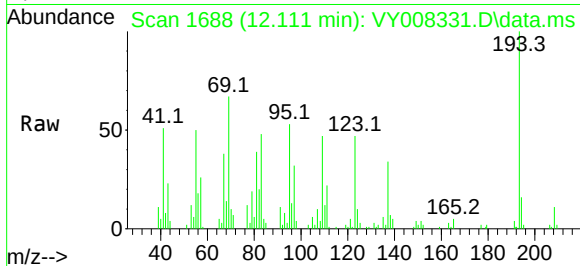




#74
N-amy1 acetate
Concen: 1.460 ug/l
RT: 12.111 min Scan# 1
Delta R.T. -0.037 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

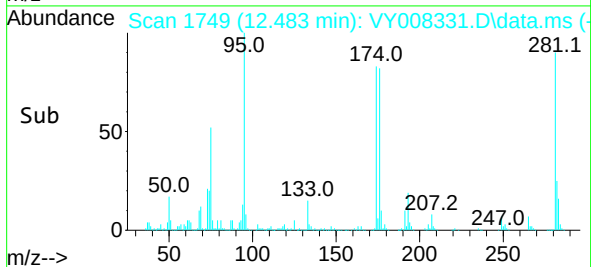
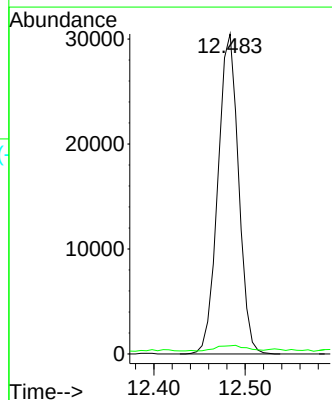
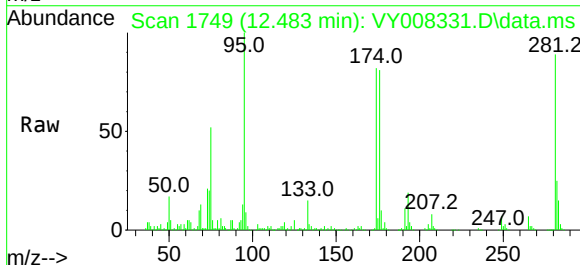
Instrument :
MSVOA_Y
ClientSampleId :
CL-1-11.5

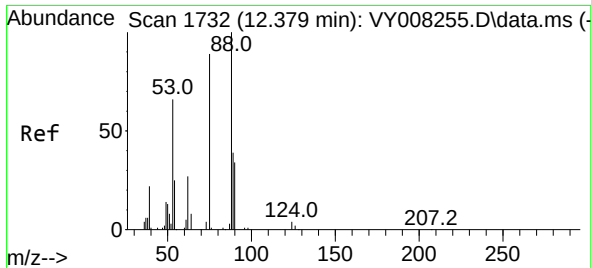
Tgt Ion: 43 Resp: 2204
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#



#76
1,2,3-Trichloropropane
Concen: 46.284 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008331.D
Acq: 14 Apr 2022 16:38

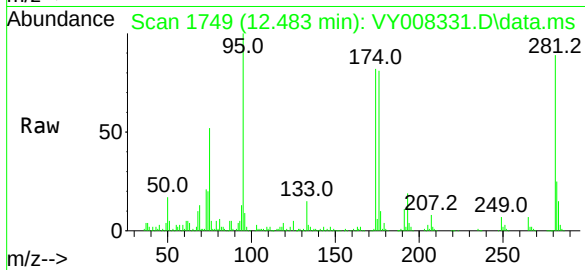
Tgt Ion: 75 Resp: 47876
Ion Ratio Lower Upper
75 100
77 2.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.559 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008331.D
 Acq: 14 Apr 2022 16:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-1-11.5



Tgt Ion: 75 Resp: 47876
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.9 37.0 55.4#

