

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008336.D
 Acq On : 14 Apr 2022 18:35
 Operator : KP/MD
 Sample : N2401-06
 Misc : 4.13g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-6-11.5

Quant Time: Apr 15 06:16:55 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)

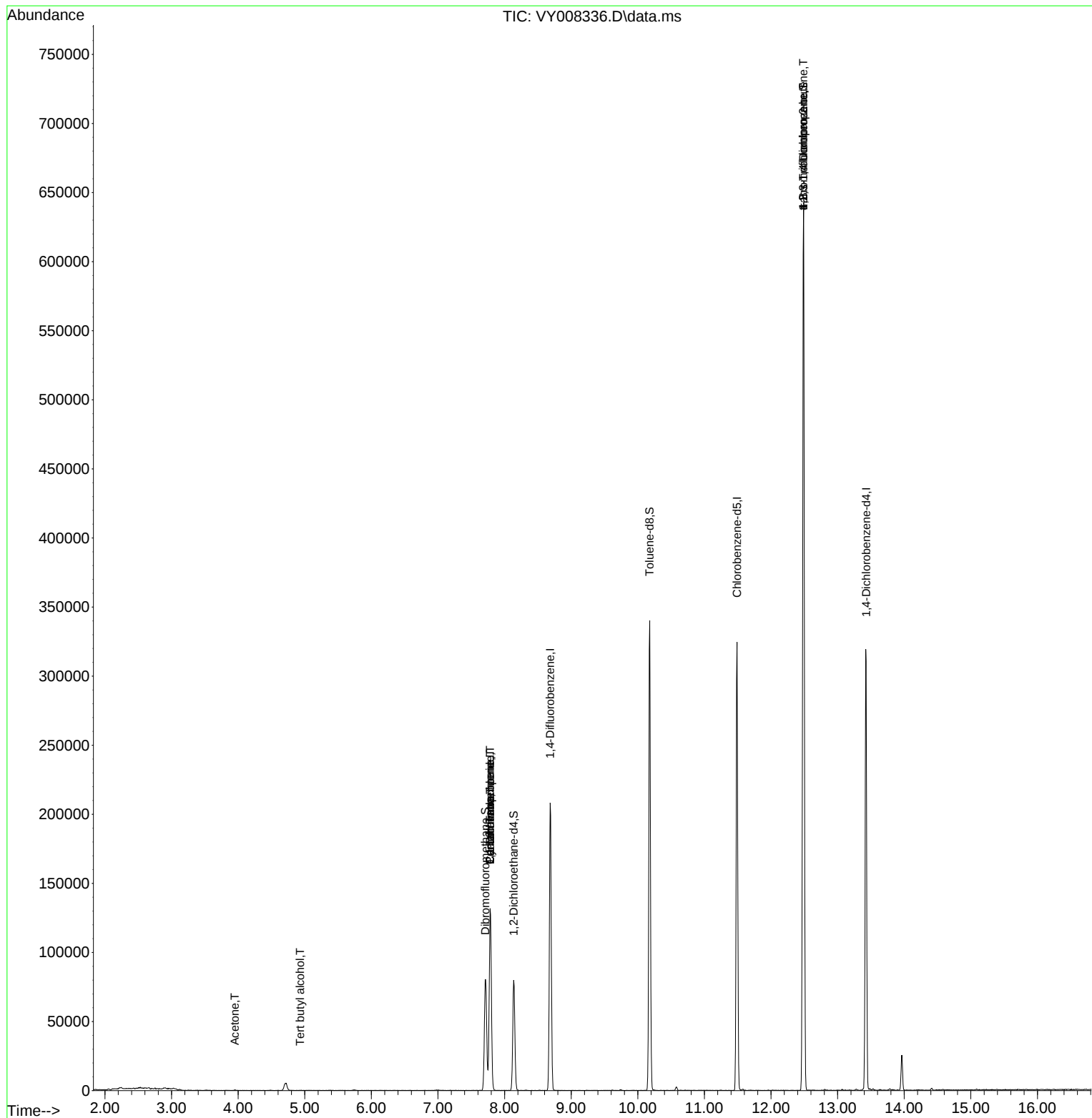
Internal Standards						
1) Pentafluorobenzene	7.783	168	102959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	186436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	180901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	61081	63.158	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.320%	
35) Dibromofluoromethane	7.710	113	58548	54.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.740%	
50) Toluene-d8	10.179	98	225098	61.090	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 122.180%	
62) 4-Bromofluorobenzene	12.483	95	80573	58.138	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 116.280%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	148	Below Cal	#	44
5) Bromomethane	2.662	94	233	Below Cal		92
11) Tert butyl alcohol	4.930	59	147	1.422	ug/l #	77
16) Acetone	3.948	43	373	1.604	ug/l	90
18) Methyl Acetate	4.485	43	297	Below Cal	#	56
20) Methylene Chloride	4.710	84	4491	Below Cal	#	78
31) Cyclohexane	7.783	56	1922	1.099	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	7803	4.538	ug/l #	50
38) Carbon Tetrachloride	7.783	117	10545	5.700	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	46459	51.329	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46459	114.847	ug/l #	9

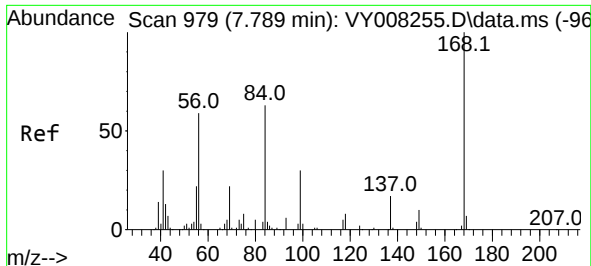
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
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CL-6-11.5

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Response via : Initial Calibration

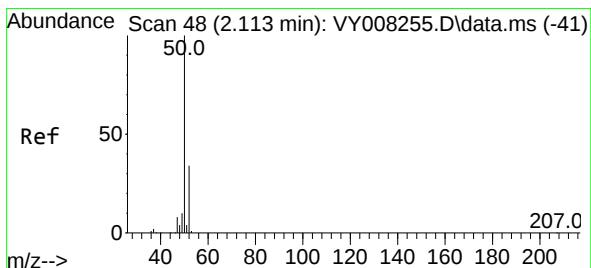
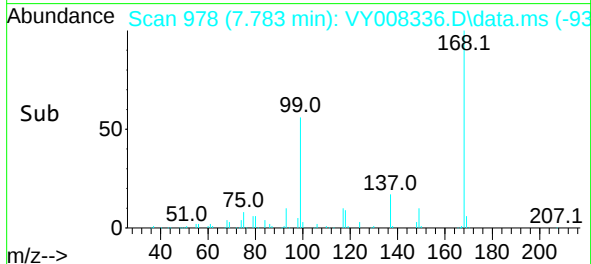
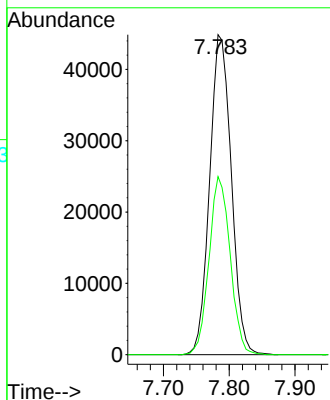
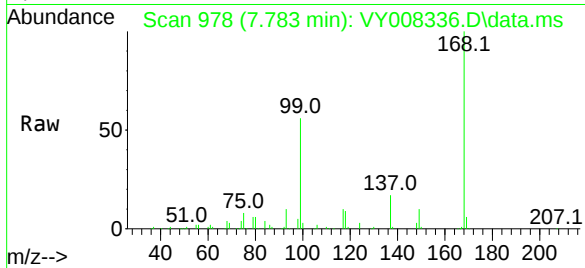




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

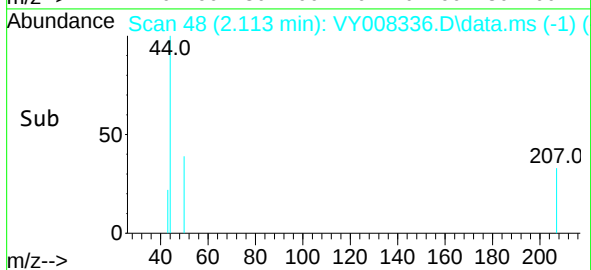
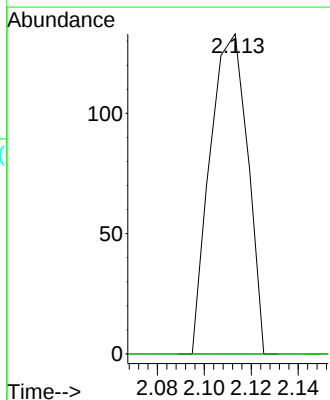
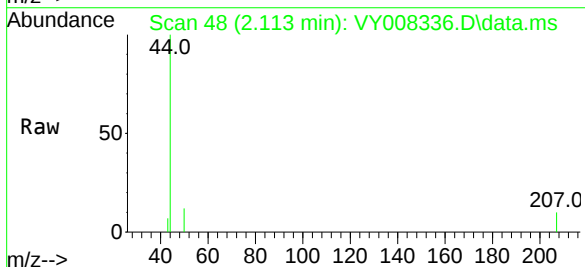
Instrument :
MSVOA_Y
ClientSampleId :
CL-6-11.5

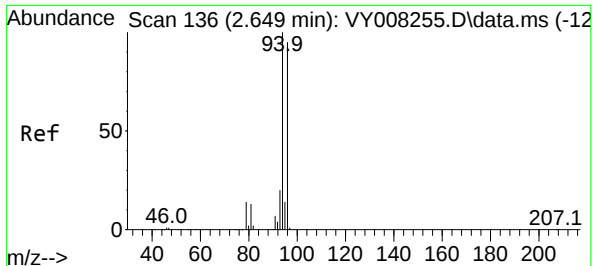
Tgt Ion:168 Resp: 102959
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

Tgt Ion: 50 Resp: 148
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

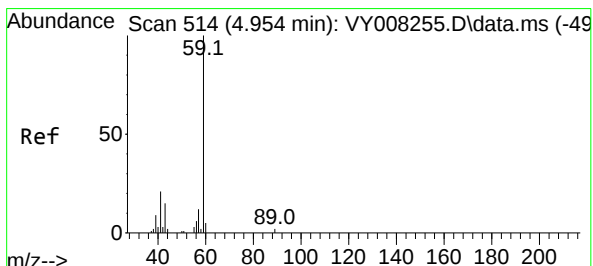
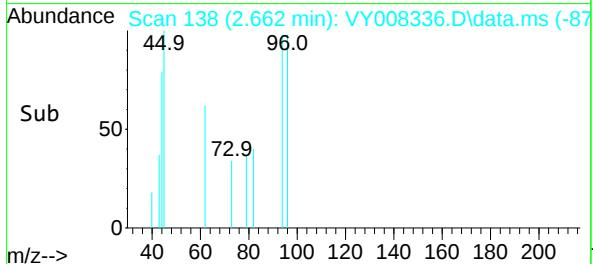
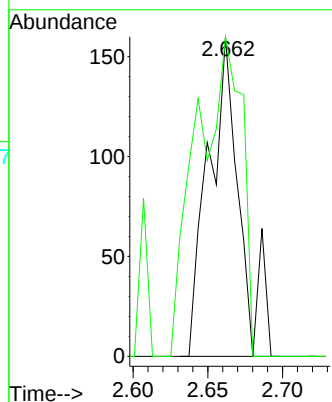
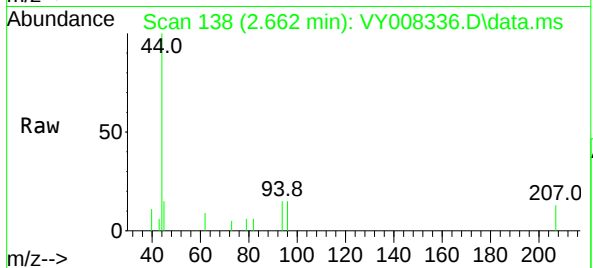




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

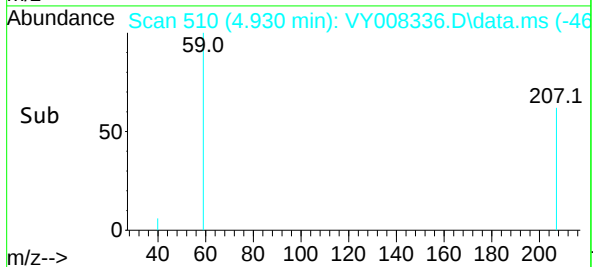
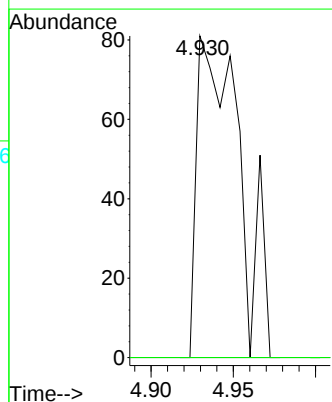
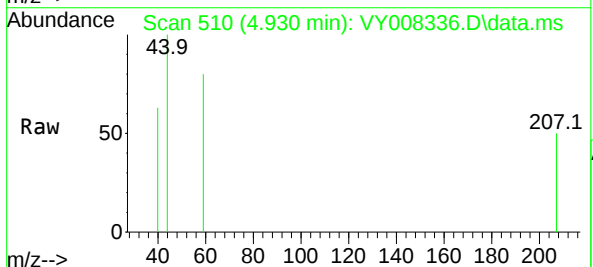
Instrument :
MSVOA_Y
ClientSampleId :
CL-6-11.5

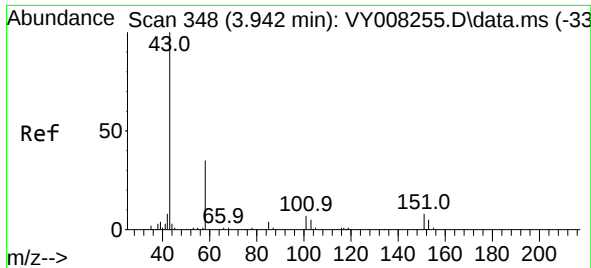
Tgt Ion: 94 Resp: 233
Ion Ratio Lower Upper
94 100
96 100.0 73.5 110.3



#11
Tert butyl alcohol
Concen: 1.422 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

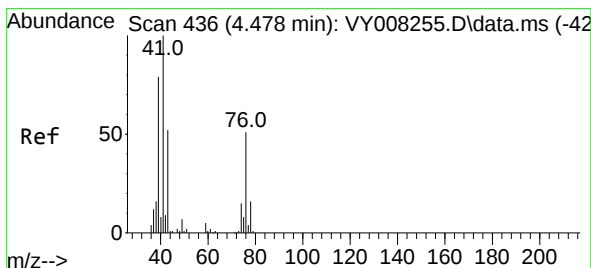
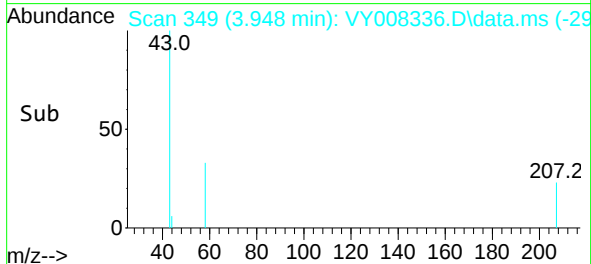
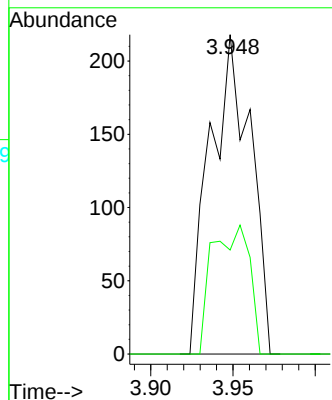
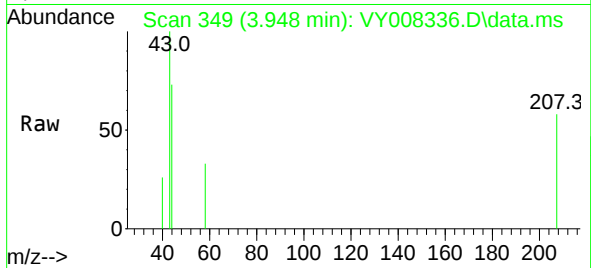




#16
Acetone
Concen: 1.604 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

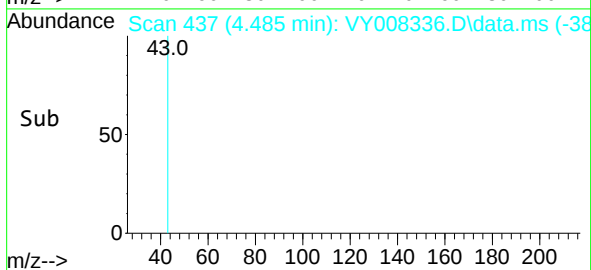
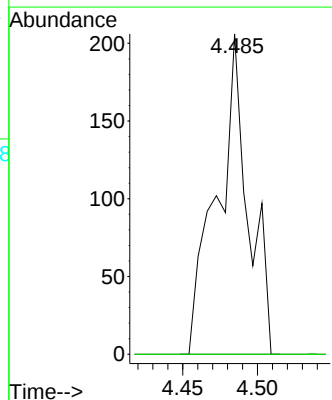
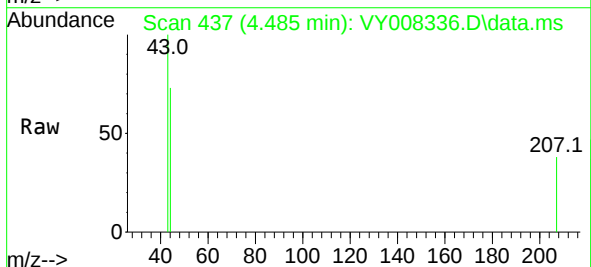
Instrument :
MSVOA_Y
ClientSampleId :
CL-6-11.5

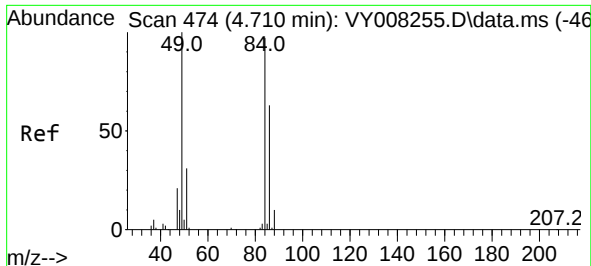
Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
58 32.6 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

Tgt Ion: 43 Resp: 297
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

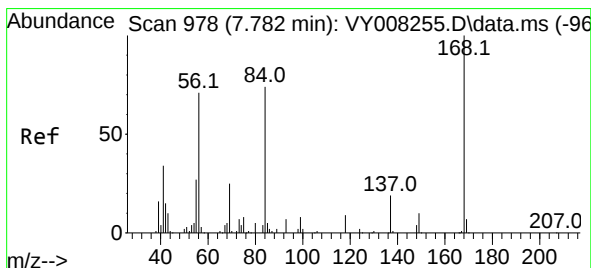
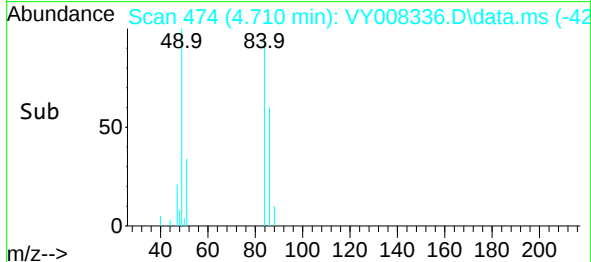
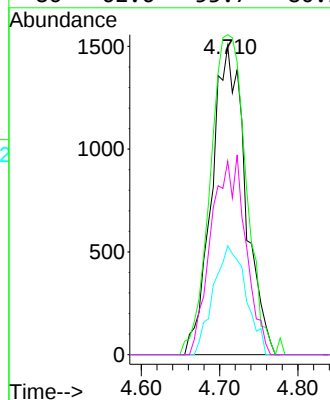
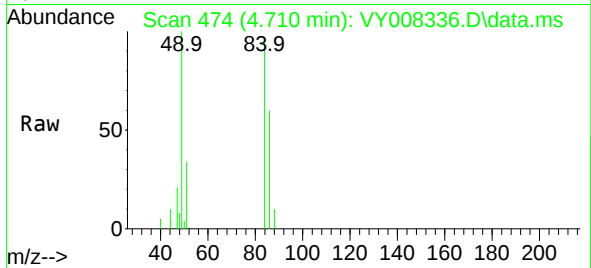




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

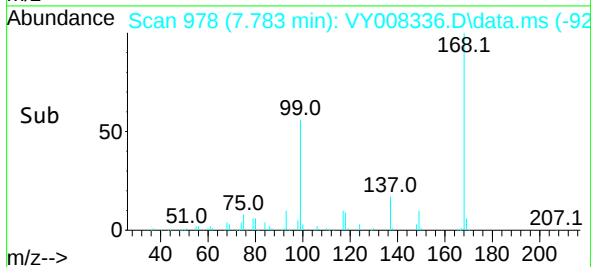
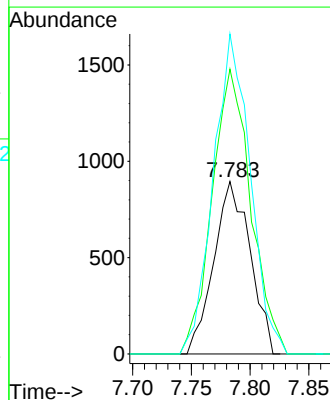
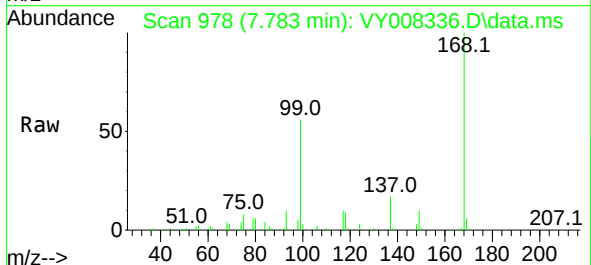
Instrument :
MSVOA_Y
ClientSampleId :
CL-6-11.5

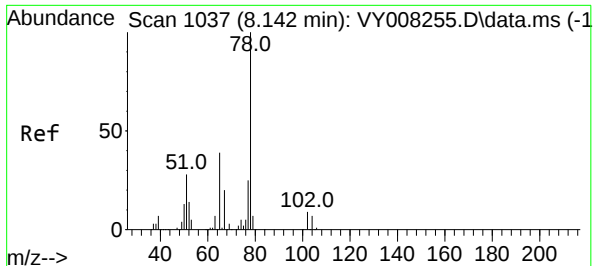
Tgt Ion: 84 Resp: 4491
Ion Ratio Lower Upper
84 100
49 103.7 114.4 171.6#
51 35.2 35.3 52.9#
86 62.6 53.7 80.5



#31
Cyclohexane
Concen: 1.099 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.001 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

Tgt Ion: 56 Resp: 1922
Ion Ratio Lower Upper
56 100
69 165.1 26.7 40.1#
84 185.6 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.158 ug/l

RT: 8.136 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VY008336.D

Acq: 14 Apr 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

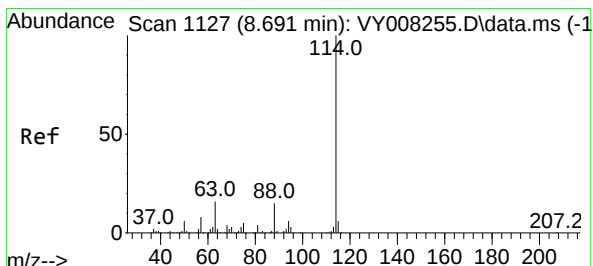
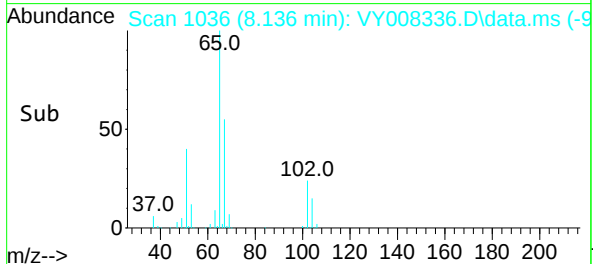
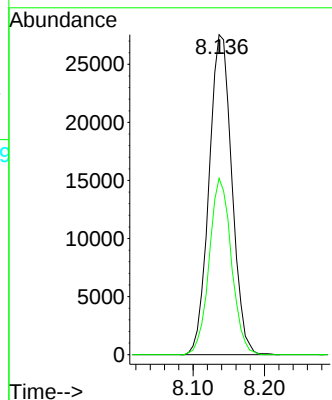
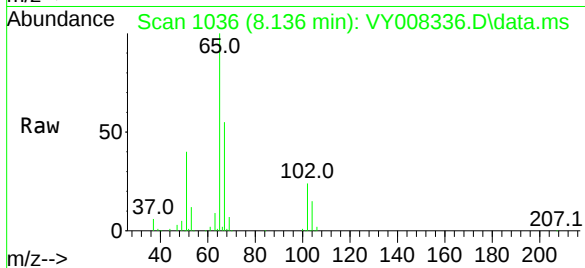
CL-6-11.5

Tgt Ion: 65 Resp: 61081

Ion Ratio Lower Upper

65 100

67 53.4 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: VY008336.D

Acq: 14 Apr 2022 18:35

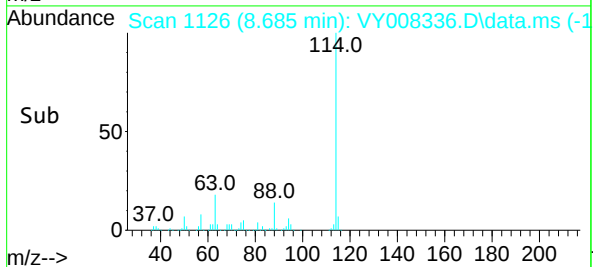
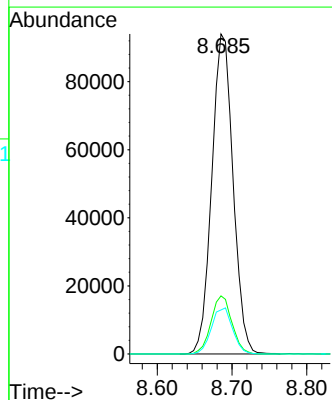
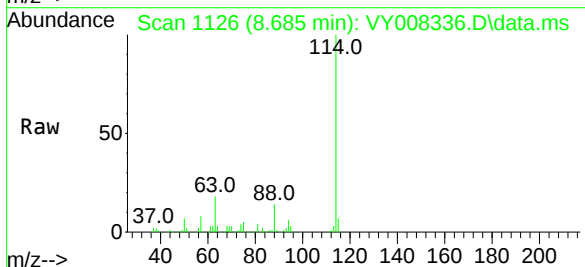
Tgt Ion: 114 Resp: 186436

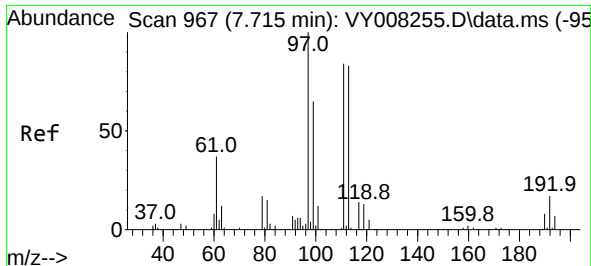
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 13.8 0.0 31.8

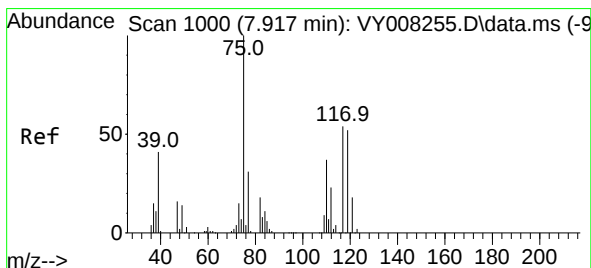
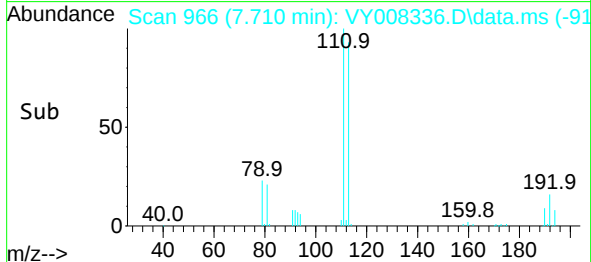
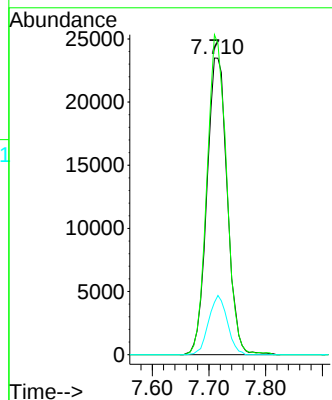
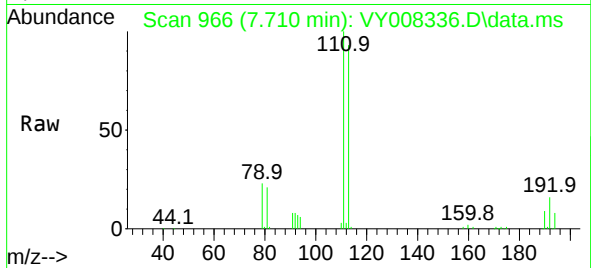




#35
Dibromofluoromethane
Concen: 54.371 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.005 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

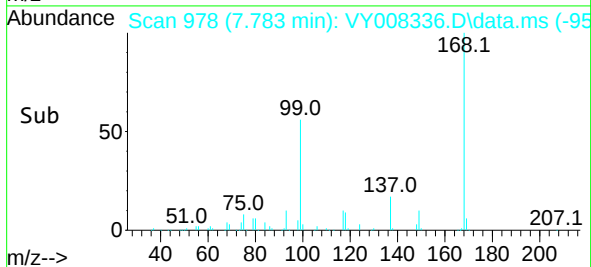
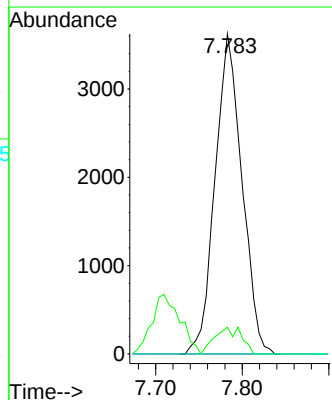
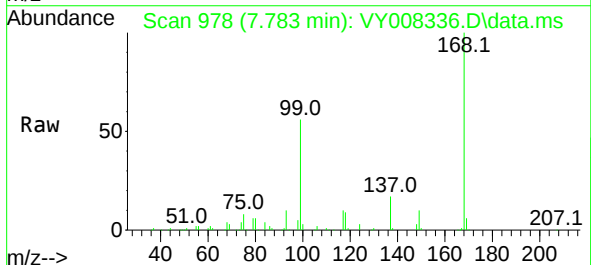
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CL-6-11.5

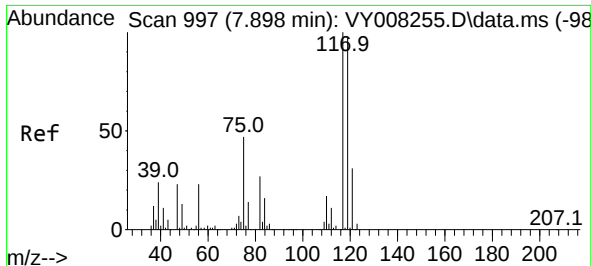
Tgt Ion:113 Resp: 58548
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 18.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.538 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

Tgt Ion: 75 Resp: 7803
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#

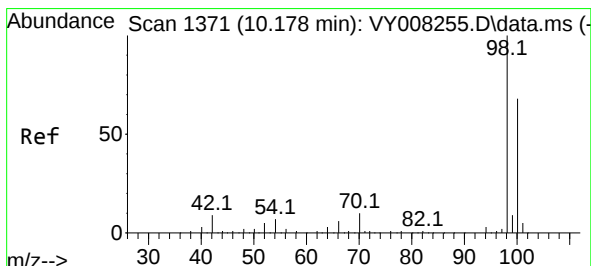
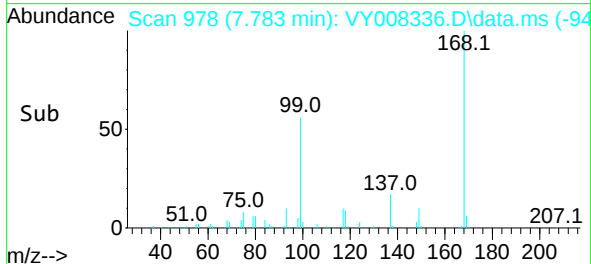
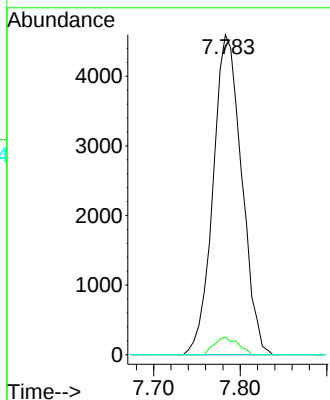
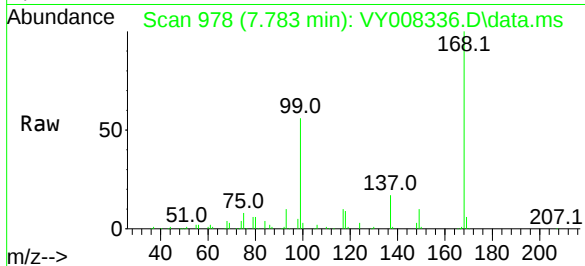




#38
Carbon Tetrachloride
Concen: 5.700 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

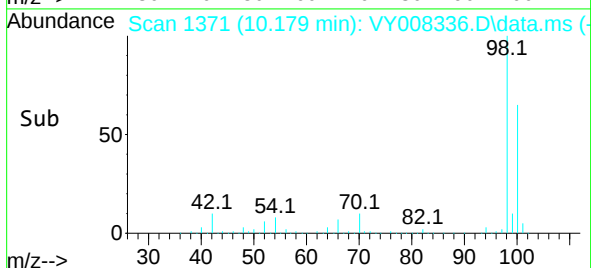
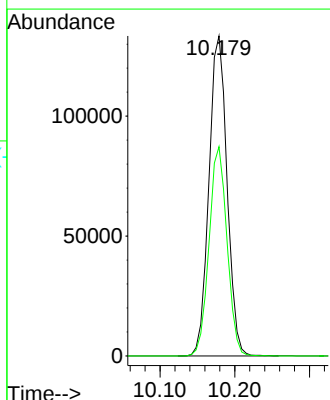
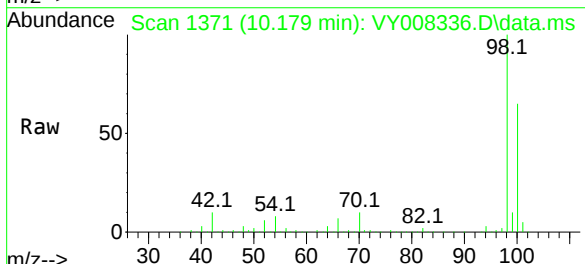
Instrument :
MSVOA_Y
ClientSampleId :
CL-6-11.5

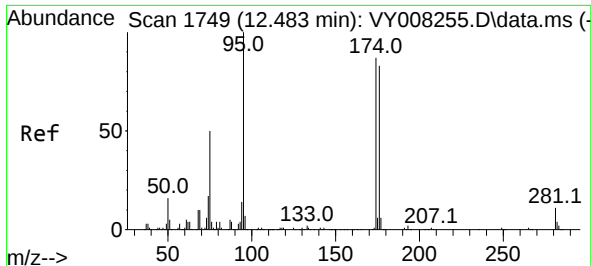
Tgt Ion:117 Resp: 10545
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.090 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

Tgt Ion: 98 Resp: 225098
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

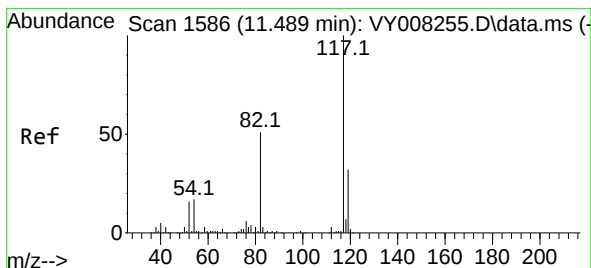
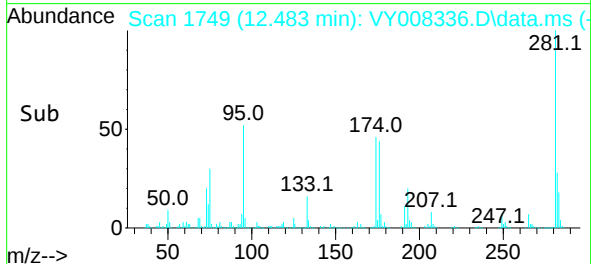
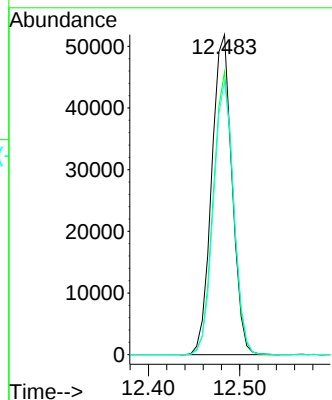
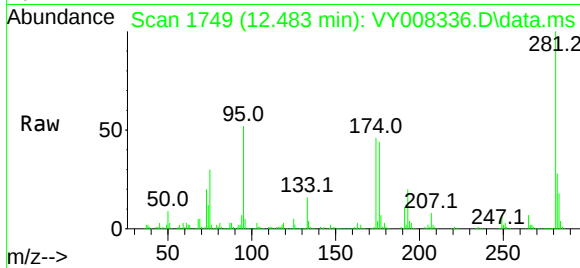




#62
4-Bromofluorobenzene
Concen: 58.138 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

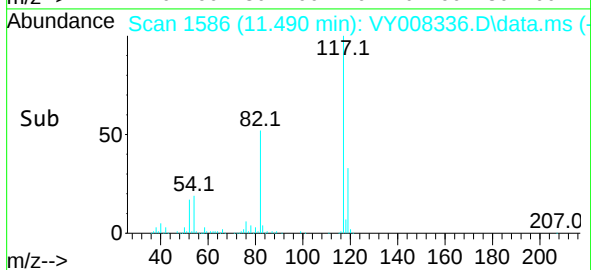
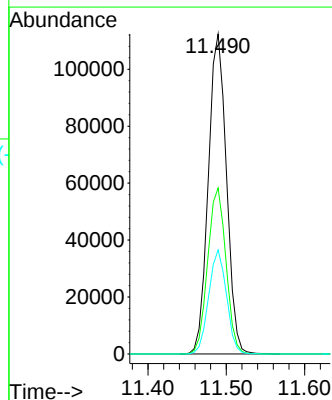
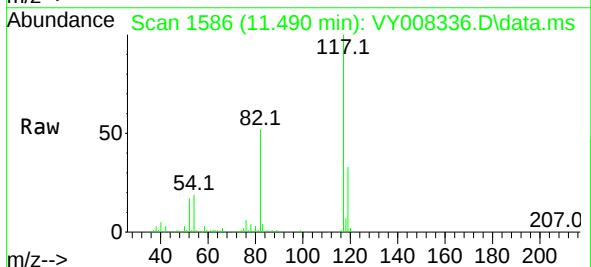
Instrument :
MSVOA_Y
ClientSampleId :
CL-6-11.5

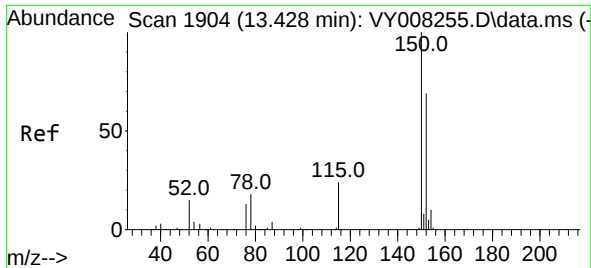
Tgt Ion: 95 Resp: 80573
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 85.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008336.D
Acq: 14 Apr 2022 18:35

Tgt Ion: 117 Resp: 180901
Ion Ratio Lower Upper
117 100
82 51.9 43.0 64.4
119 32.5 25.4 38.0

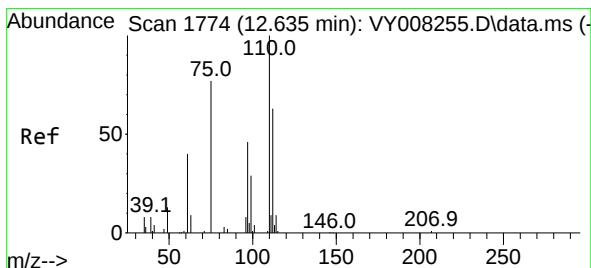
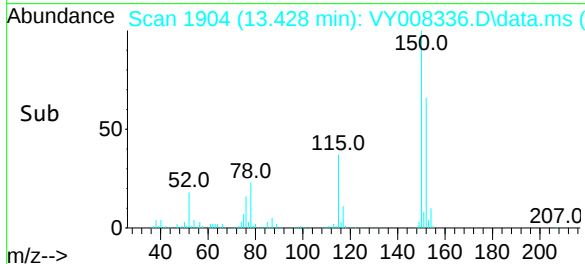
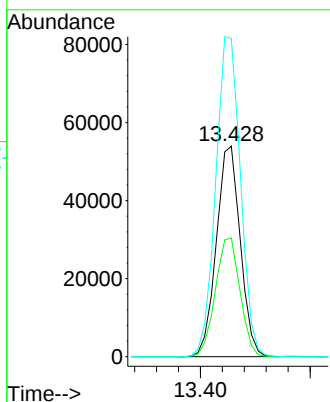
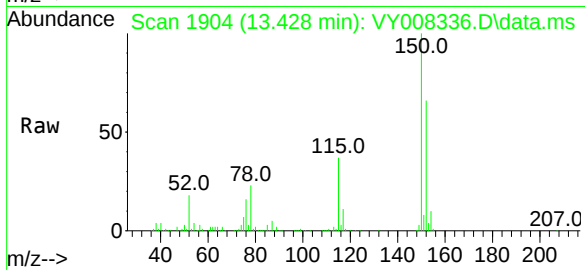




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008336.D
 Acq: 14 Apr 2022 18:35

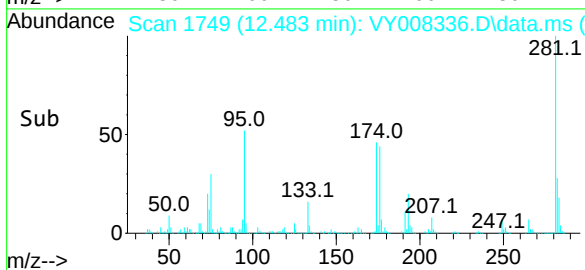
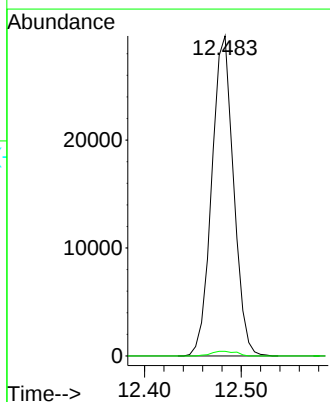
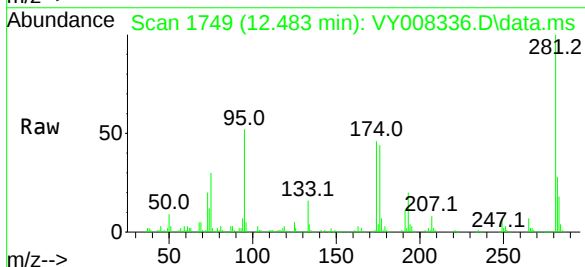
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-6-11.5

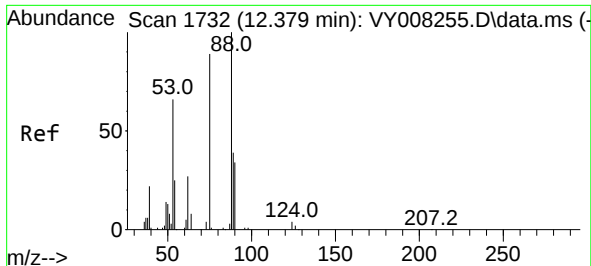
Tgt Ion:152 Resp: 81839
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 51.329 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008336.D
 Acq: 14 Apr 2022 18:35

Tgt Ion: 75 Resp: 46459
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 114.847 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.104 min

Lab File: VY008336.D

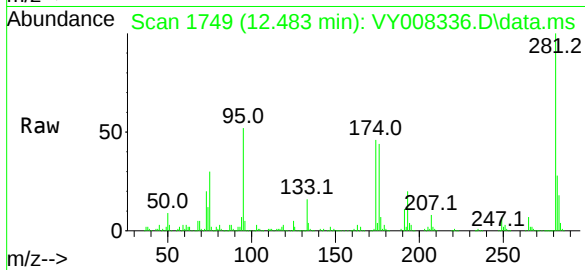
Acq: 14 Apr 2022 18:35

Instrument :

MSVOA_Y

ClientSampleId :

CL-6-11.5



Tgt Ion: 75 Resp: 46459

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 3.1 37.0 55.4#

