

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008338.D
 Acq On : 14 Apr 2022 19:22
 Operator : KP/MD
 Sample : N2401-08
 Misc : 3.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-8-11.5

Quant Time: Apr 15 06:17:24 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)

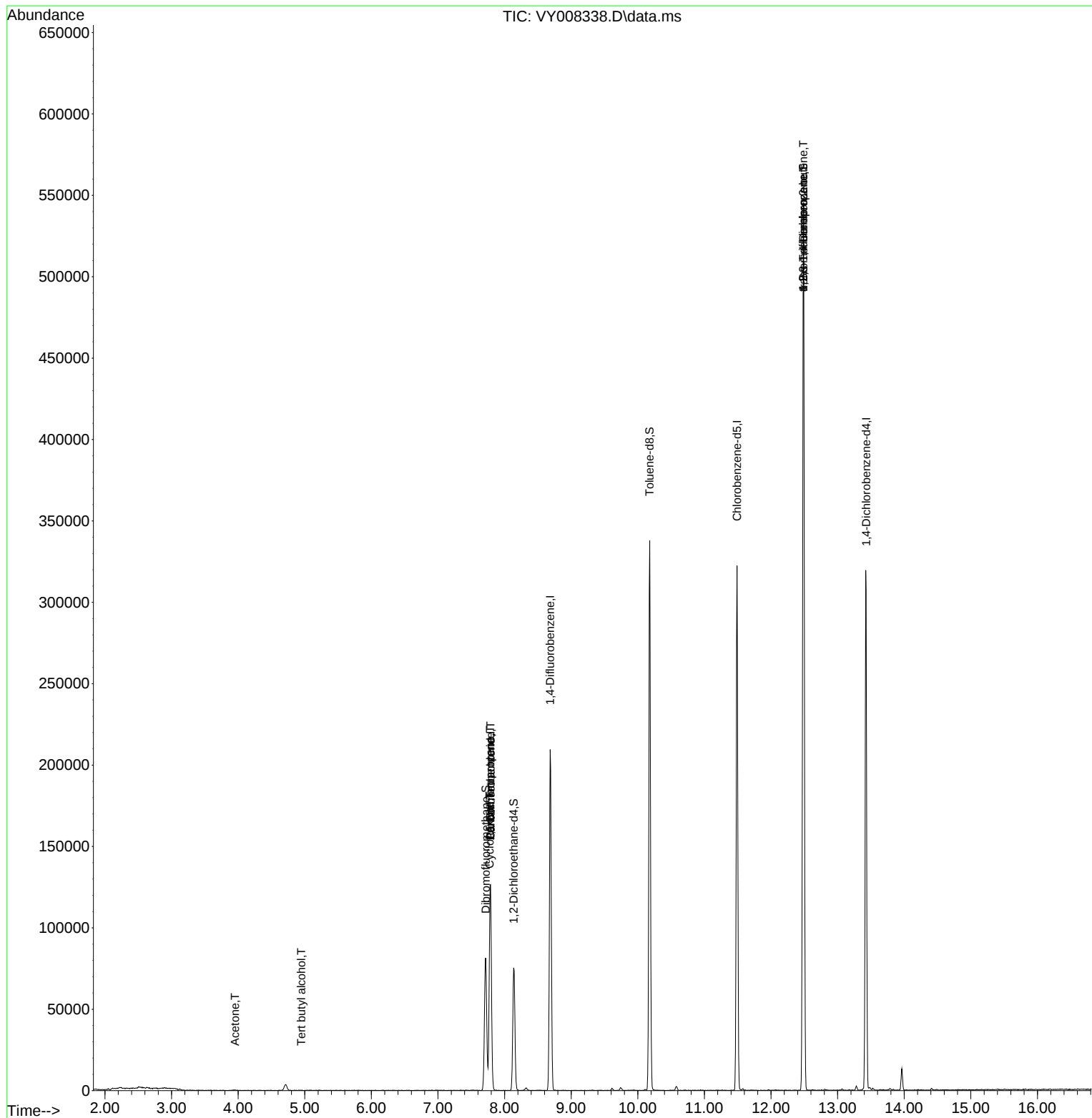
Internal Standards						
1) Pentafluorobenzene	7.789	168	101935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	184388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80905	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58517	61.114	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.220%			
35) Dibromofluoromethane	7.716	113	58369	54.807	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.620%			
50) Toluene-d8	10.179	98	222520	61.062	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 122.120%			
62) 4-Bromofluorobenzene	12.483	95	79233	57.806	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 115.620%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	219	Below Cal	#	44
5) Bromomethane	2.649	94	176	Below Cal	#	48
11) Tert butyl alcohol	4.948	59	160	1.563	ug/l #	77
16) Acetone	3.954	43	386	1.676	ug/l #	47
18) Methyl Acetate	4.491	43	57	Below Cal	#	56
20) Methylene Chloride	4.710	84	3020	Below Cal	#	62
31) Cyclohexane	7.777	56	2011	1.161	ug/l #	5
36) 1,1-Dichloropropene	7.783	75	7457	4.385	ug/l #	51
38) Carbon Tetrachloride	7.789	117	10448	5.711	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	44921	50.203	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	44921	112.327	ug/l #	8

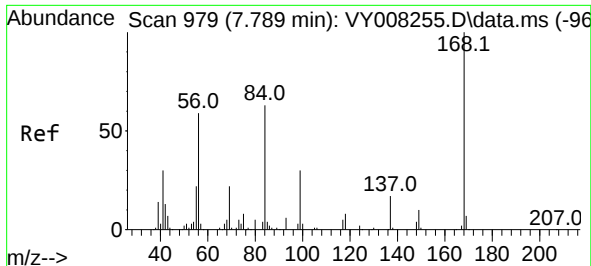
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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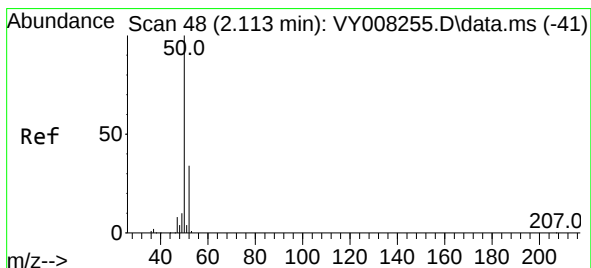
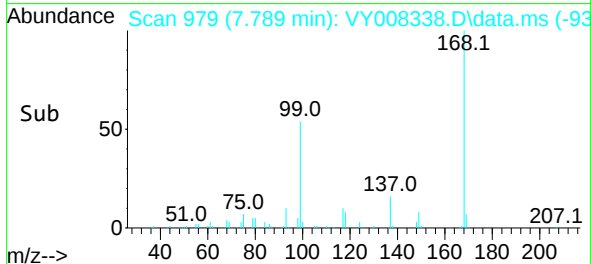
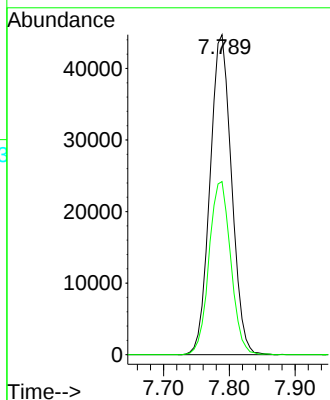
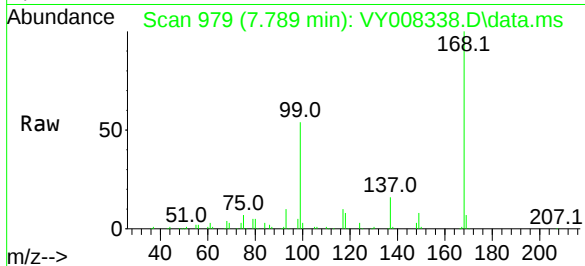




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

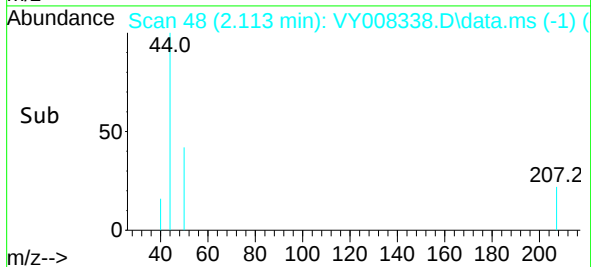
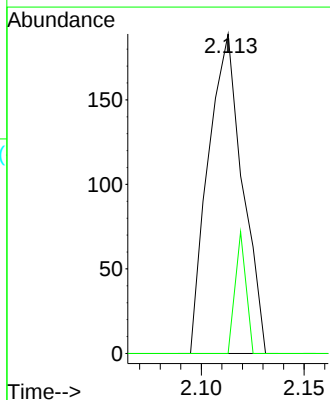
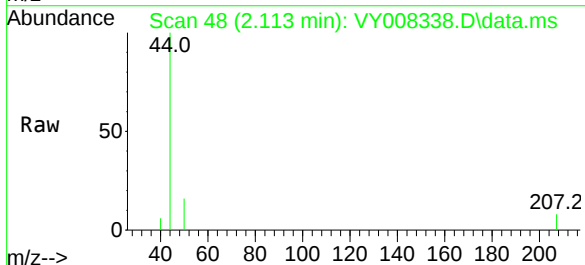
Instrument :
MSVOA_Y
ClientSampleId :
CL-8-11.5

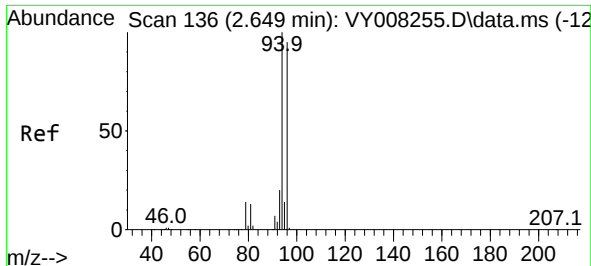
Tgt Ion:168 Resp: 101935
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

Tgt Ion: 50 Resp: 219
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

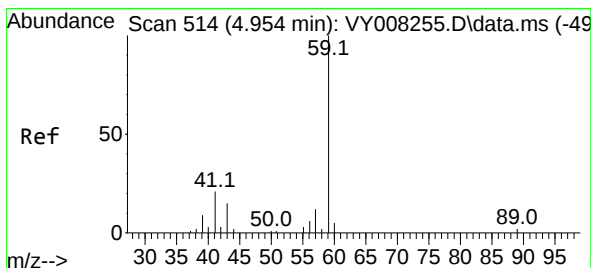
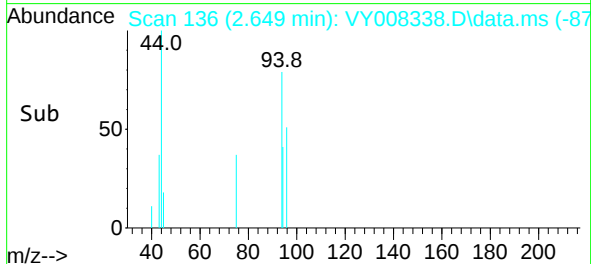
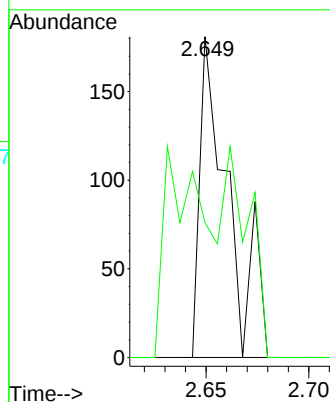
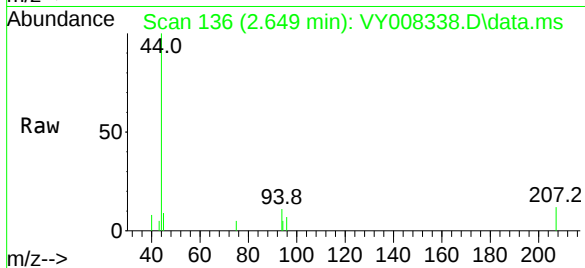




#5
Bromomethane
Concen: Below Cal
RT: 2.649 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

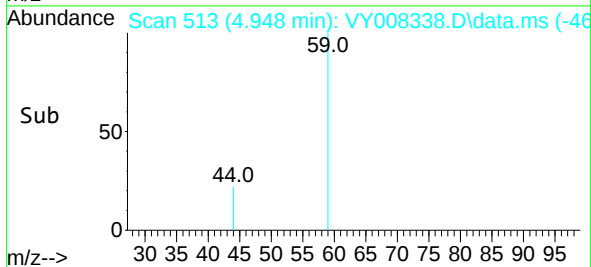
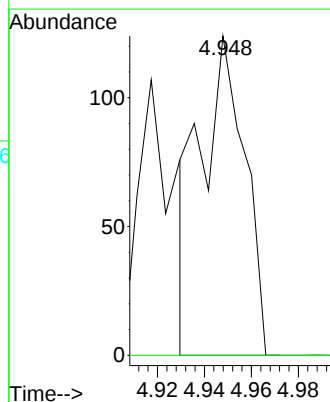
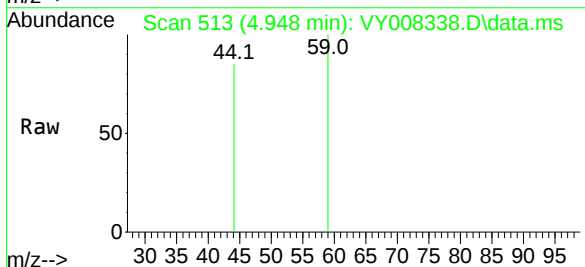
Instrument :
MSVOA_Y
ClientSampleId :
CL-8-11.5

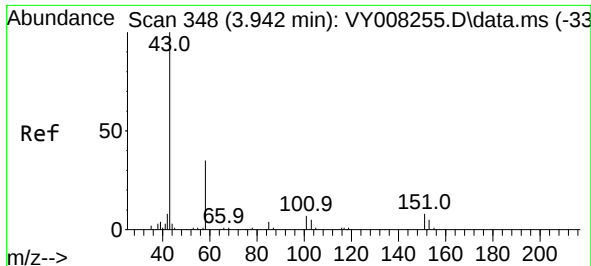
Tgt Ion: 94 Resp: 176
Ion Ratio Lower Upper
94 100
96 42.0 73.5 110.3#



#11
Tert butyl alcohol
Concen: 1.563 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

Tgt Ion: 59 Resp: 160
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

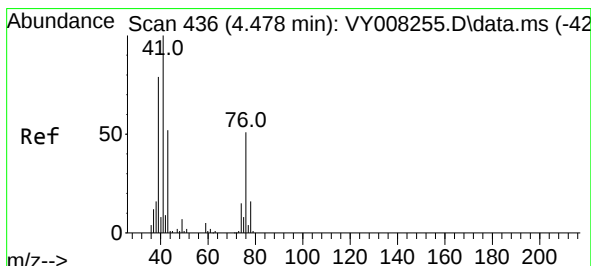
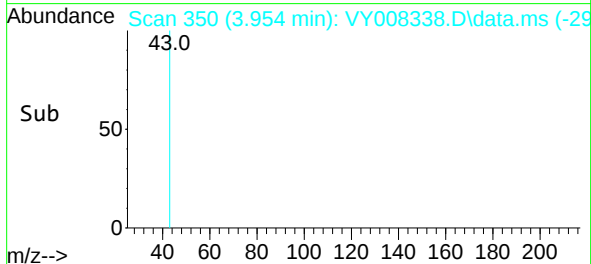
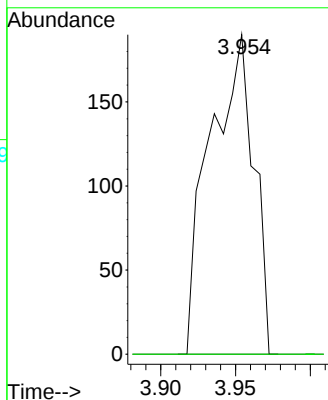
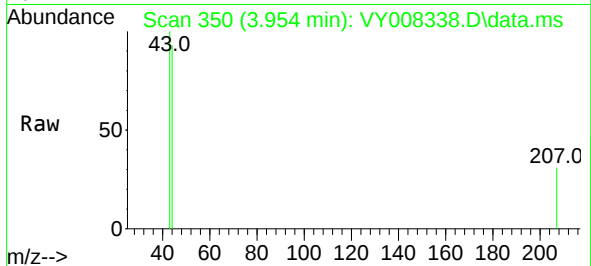




#16
Acetone
Concen: 1.676 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

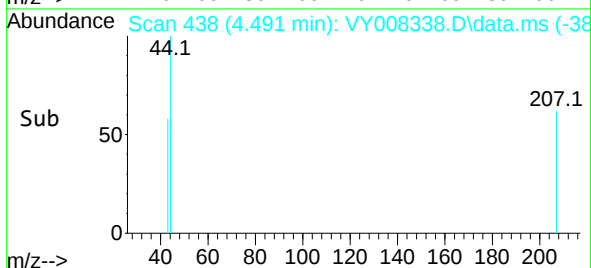
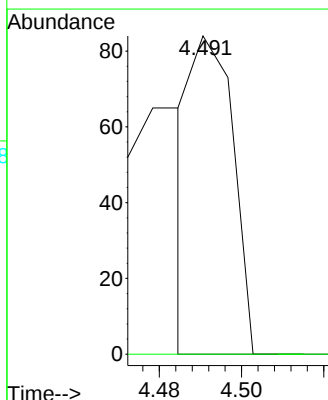
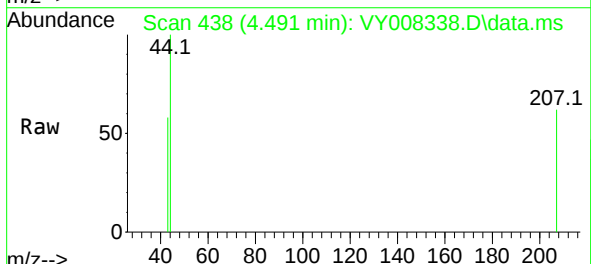
Instrument :
MSVOA_Y
ClientSampleId :
CL-8-11.5

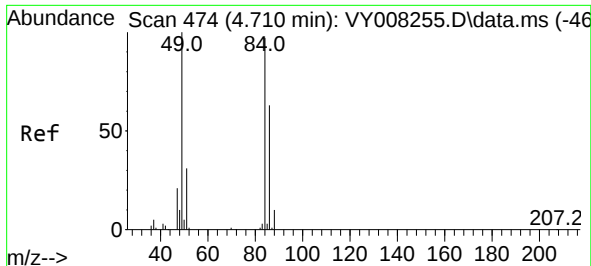
Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.491 min Scan# 438
Delta R.T. 0.013 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

Tgt Ion: 43 Resp: 57
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

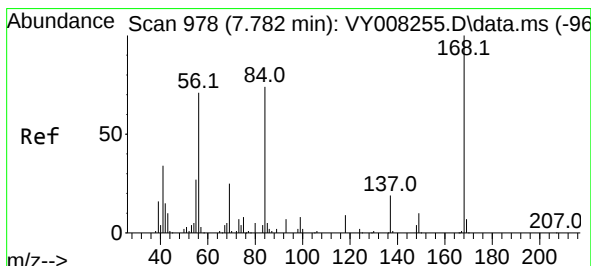
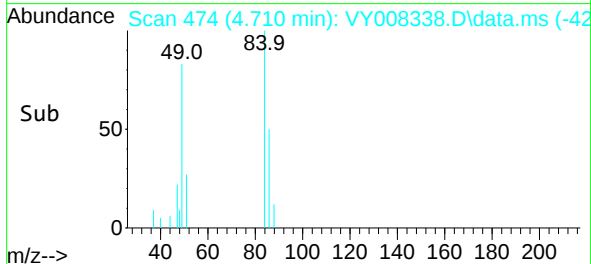
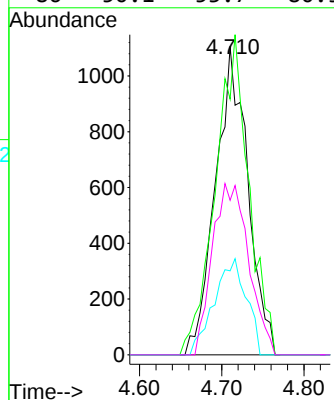
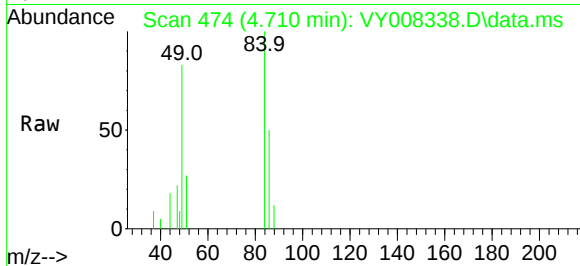




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

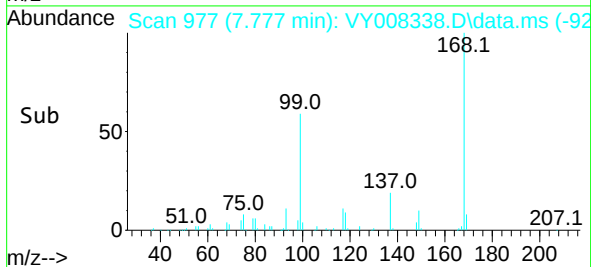
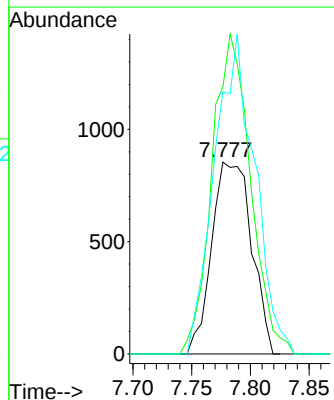
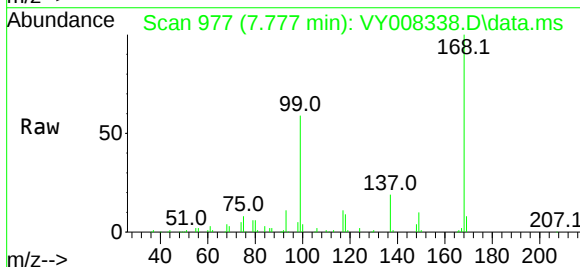
Instrument :
MSVOA_Y
ClientSampleId :
CL-8-11.5

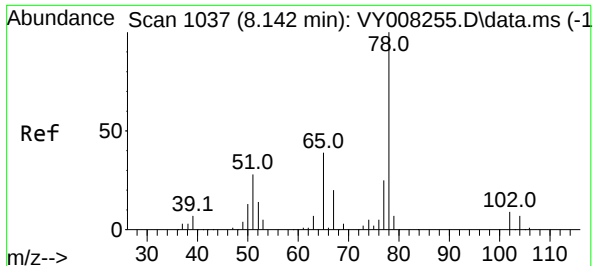
Tgt Ion: 84 Resp: 3020
Ion Ratio Lower Upper
84 100
49 82.9 114.4 171.6#
51 27.2 35.3 52.9#
86 50.1 53.7 80.5#



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.005 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

Tgt Ion: 56 Resp: 2011
Ion Ratio Lower Upper
56 100
69 139.2 26.7 40.1#
84 136.8 67.2 100.8#

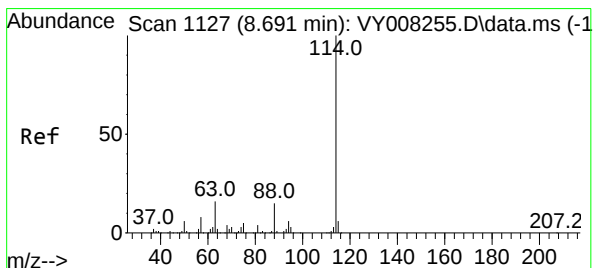
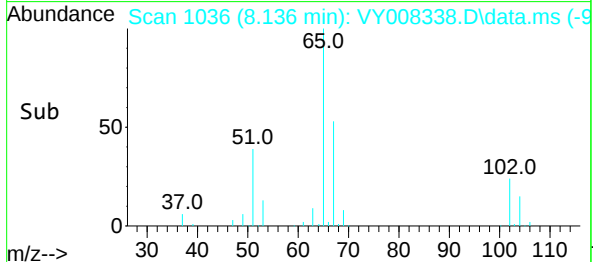
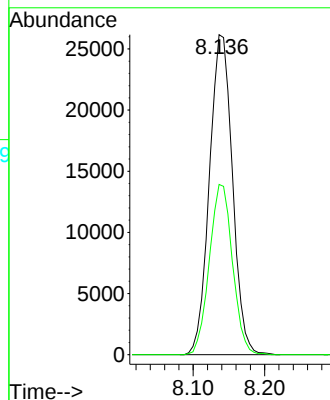
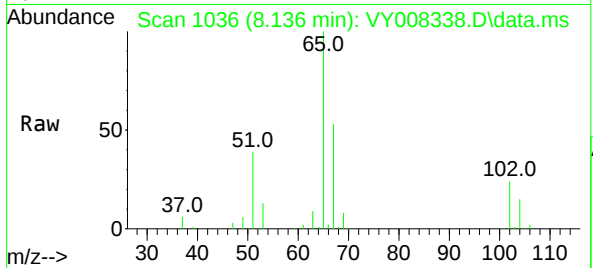




#33
 1,2-Dichloroethane-d4
 Concen: 61.114 ug/l
 RT: 8.136 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY008338.D
 Acq: 14 Apr 2022 19:22

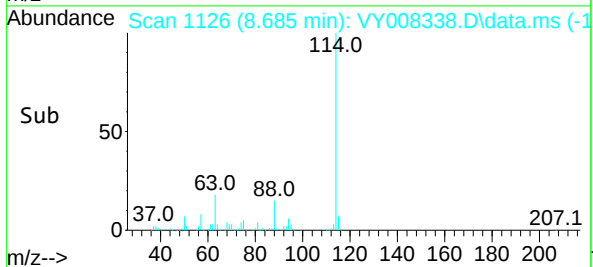
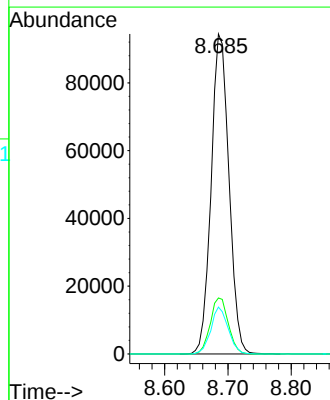
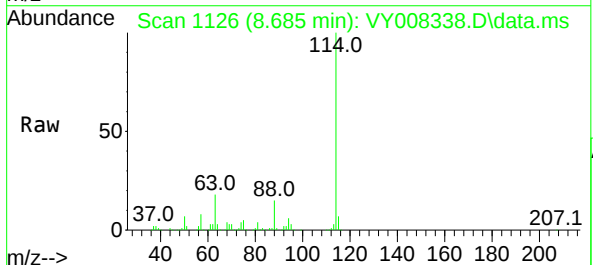
Instrument :
 MSVOA_Y
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 CL-8-11.5

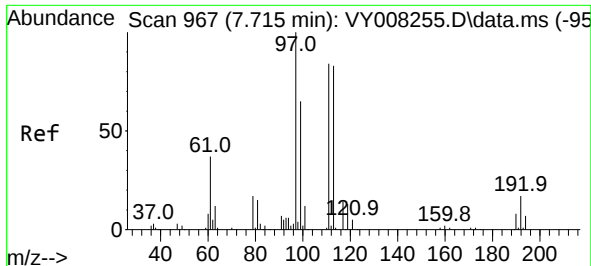
Tgt Ion: 65 Resp: 58517
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY008338.D
 Acq: 14 Apr 2022 19:22

Tgt Ion: 114 Resp: 184388
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 43.2
 88 14.7 0.0 31.8

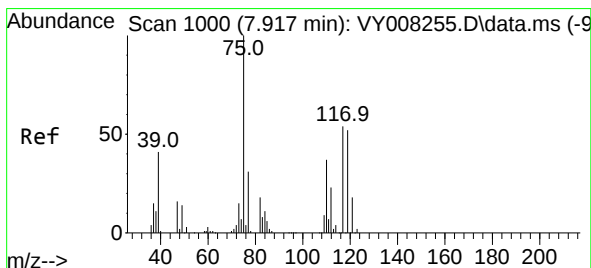
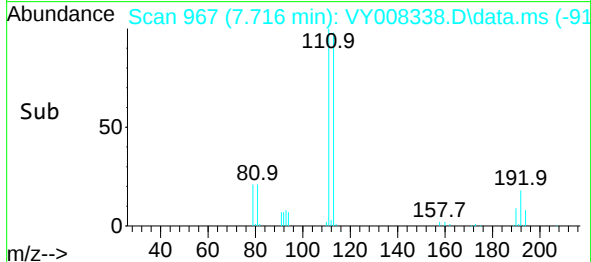
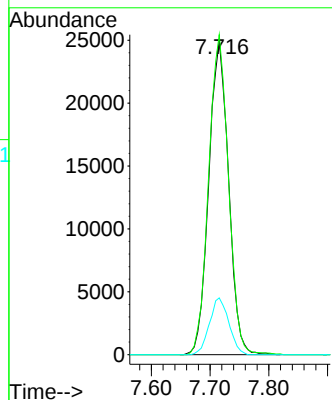
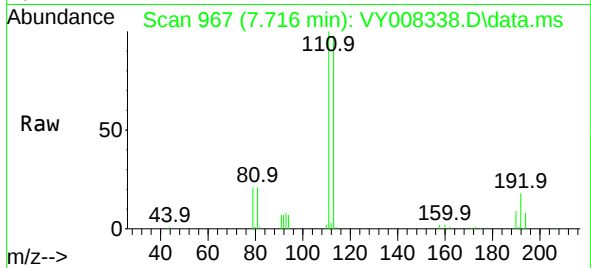




#35
Dibromofluoromethane
Concen: 54.807 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.001 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

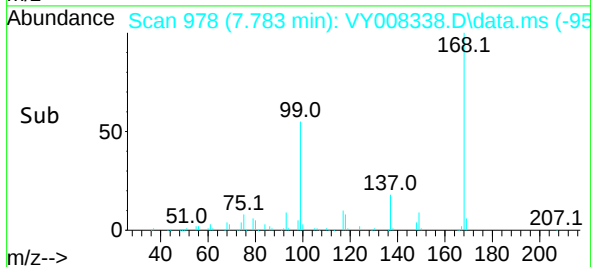
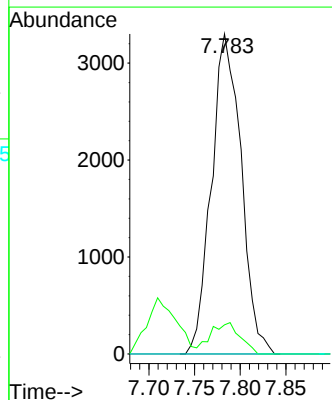
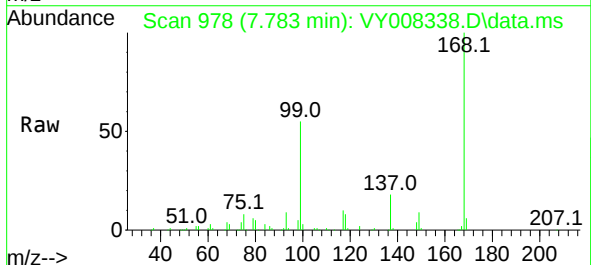
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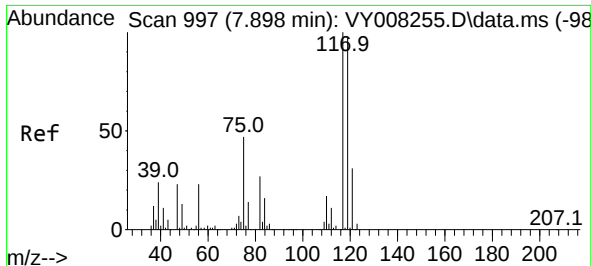
Tgt Ion:113 Resp: 58369
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 17.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.385 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

Tgt Ion: 75 Resp: 7457
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

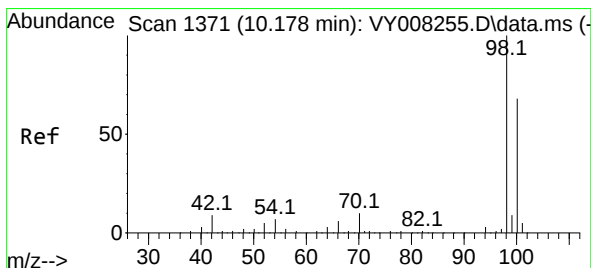
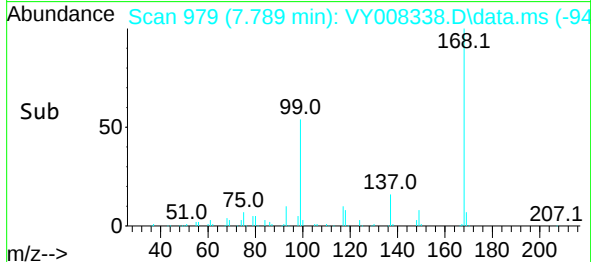
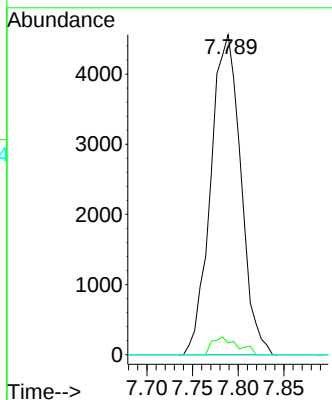
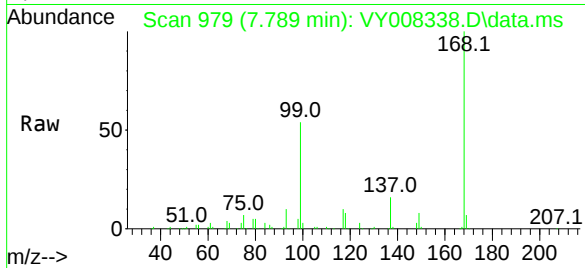




#38
Carbon Tetrachloride
Concen: 5.711 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

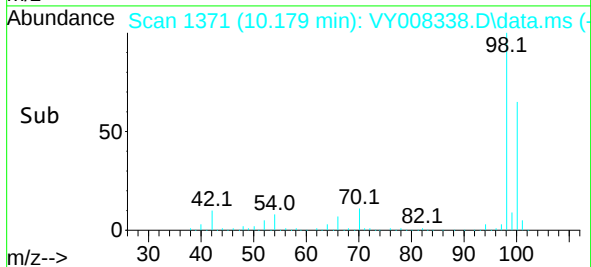
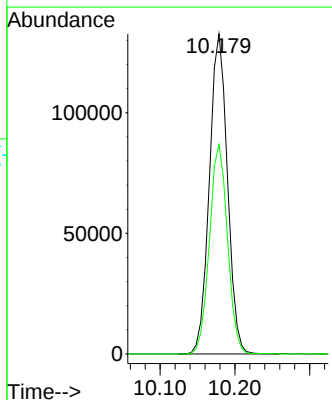
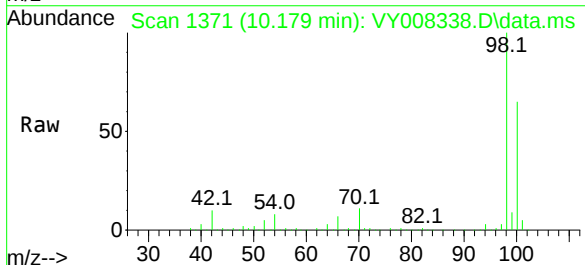
Instrument :
MSVOA_Y
ClientSampleId :
CL-8-11.5

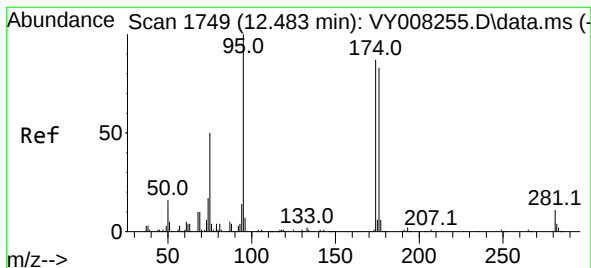
Tgt Ion:117 Resp: 10448
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.062 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

Tgt Ion: 98 Resp: 222520
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

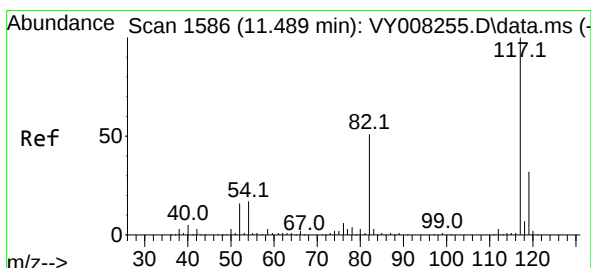
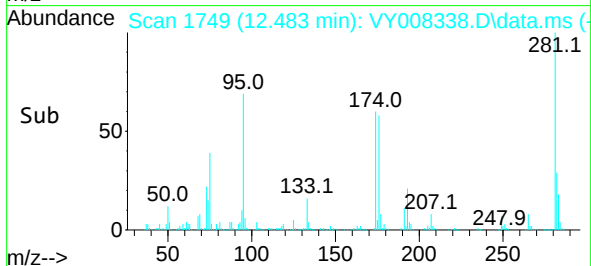
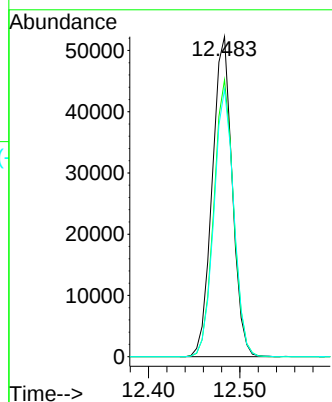
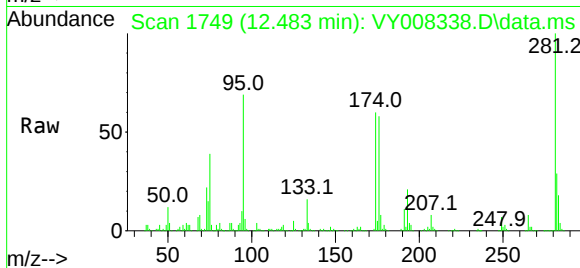




#62
4-Bromofluorobenzene
Concen: 57.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

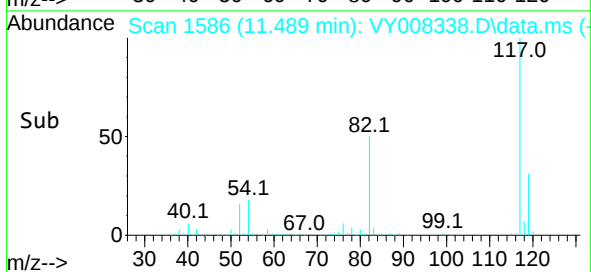
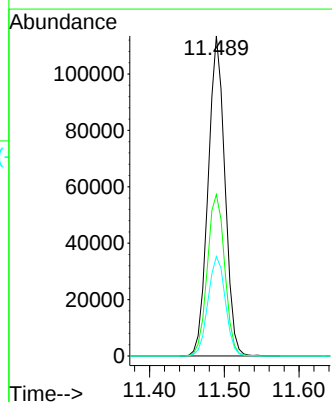
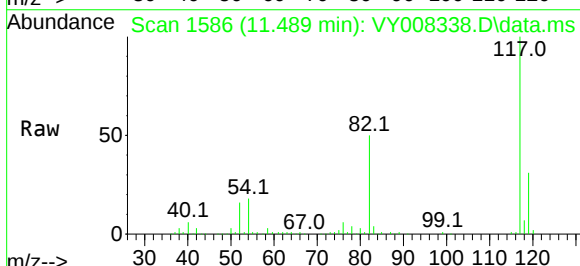
Instrument :
MSVOA_Y
ClientSampleId :
CL-8-11.5

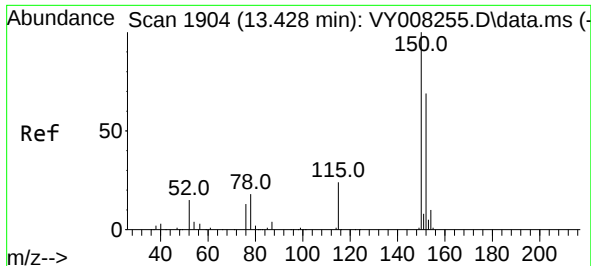
Tgt Ion: 95 Resp: 79233
Ion Ratio Lower Upper
95 100
174 85.5 0.0 177.0
176 83.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008338.D
Acq: 14 Apr 2022 19:22

Tgt Ion: 117 Resp: 177170
Ion Ratio Lower Upper
117 100
82 50.4 43.0 64.4
119 31.1 25.4 38.0

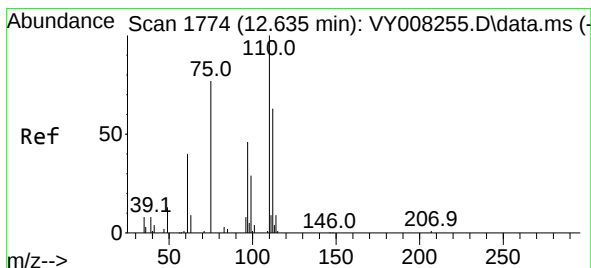
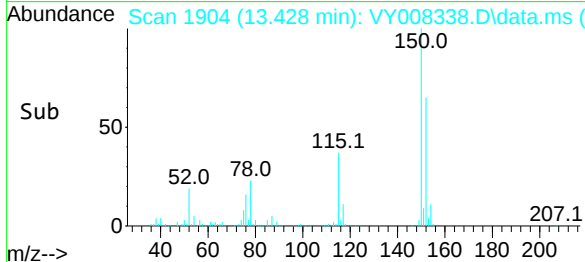
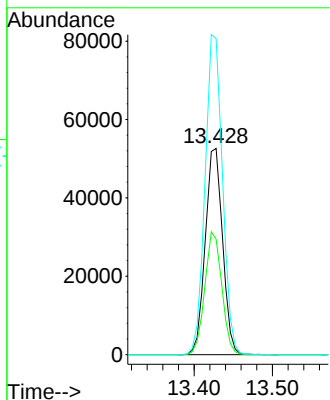
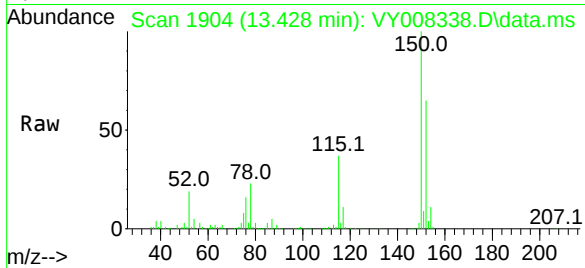




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008338.D
 Acq: 14 Apr 2022 19:22

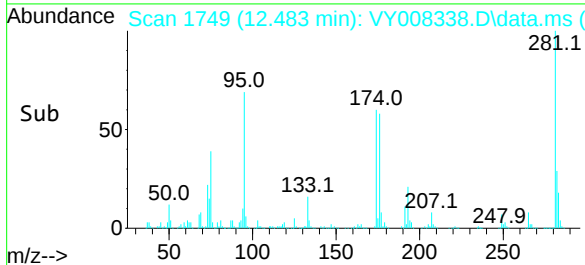
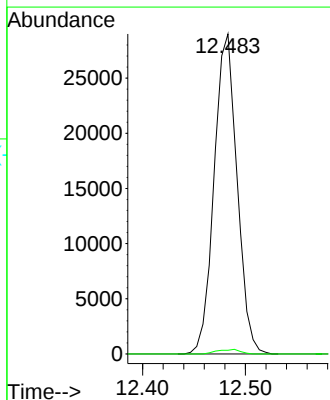
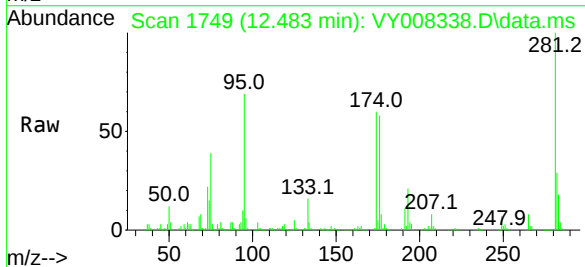
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-8-11.5

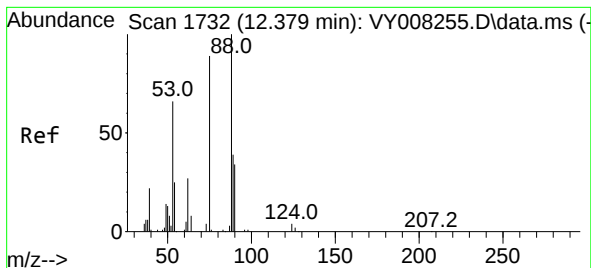
Tgt Ion:152 Resp: 80905
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.2 84.7
 150 155.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.203 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008338.D
 Acq: 14 Apr 2022 19:22

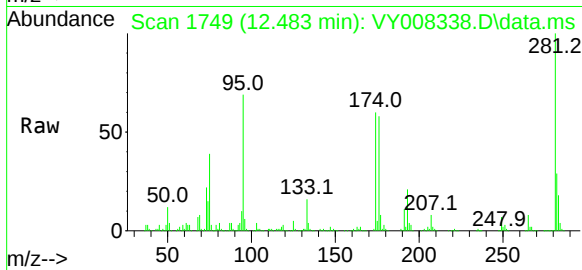
Tgt Ion: 75 Resp: 44921
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.327 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008338.D
 Acq: 14 Apr 2022 19:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-8-11.5



Tgt Ion: 75 Resp: 44921
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 2.5 37.0 55.4#

