

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041422\
 Data File : VY008339.D
 Acq On : 14 Apr 2022 19:45
 Operator : KP/MD
 Sample : N2401-09
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-9-11.5

Quant Time: Apr 15 06:17:36 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

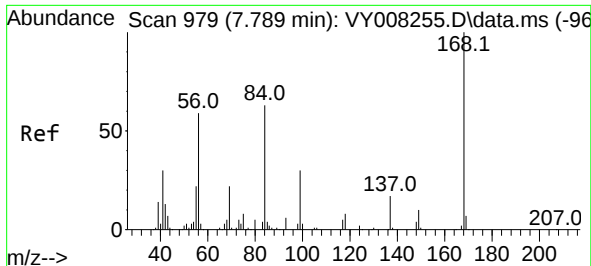
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	100309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174772	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59316	62.953	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.900%	
35) Dibromofluoromethane	7.715	113	58156	55.825	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.640%	
50) Toluene-d8	10.178	98	220856	61.957	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 123.920%	
62) 4-Bromofluorobenzene	12.483	95	77431	57.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	235	Below Cal	#	44
5) Bromomethane	2.661	94	198	Below Cal	#	52
7) Trichlorofluoromethane	3.125	101	4346	2.556	ug/l	95
10) Methyl Iodide	4.088	142	19	2.406	ug/l #	35
11) Tert butyl alcohol	4.929	59	280	2.780	ug/l #	77
16) Acetone	3.954	43	261	1.152	ug/l #	72
18) Methyl Acetate	4.478	43	210	Below Cal	#	56
20) Methylene Chloride	4.710	84	5071	Below Cal		83
31) Cyclohexane	7.782	56	2256	1.324	ug/l #	20
36) 1,1-Dichloropropene	7.782	75	7494	4.505	ug/l #	51
38) Carbon Tetrachloride	7.782	117	10076	5.630	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	43446	49.895	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43446	111.637	ug/l #	8

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

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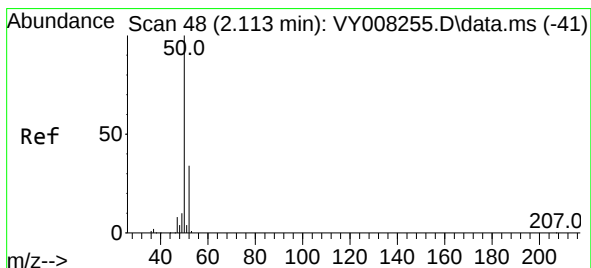
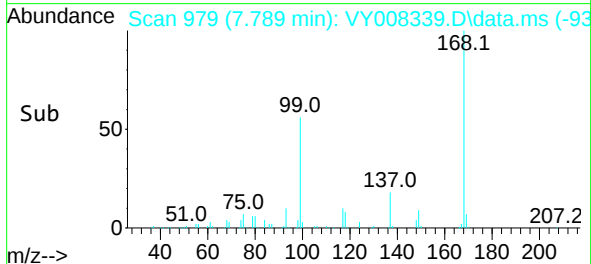
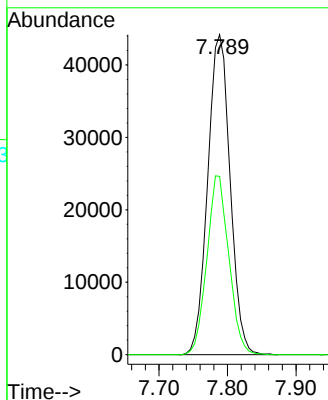
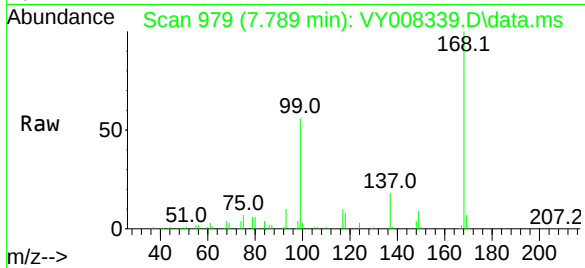




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

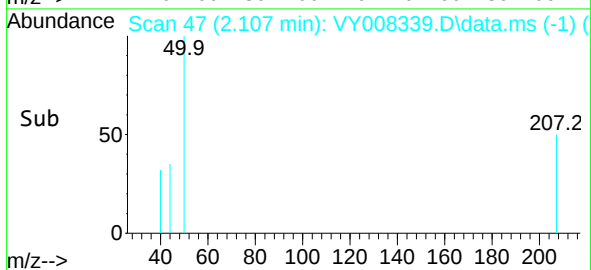
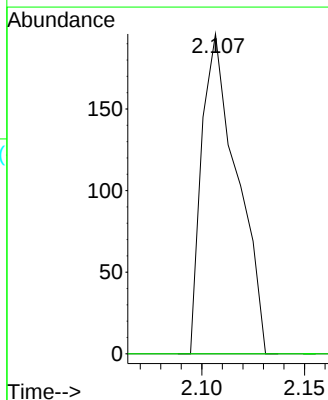
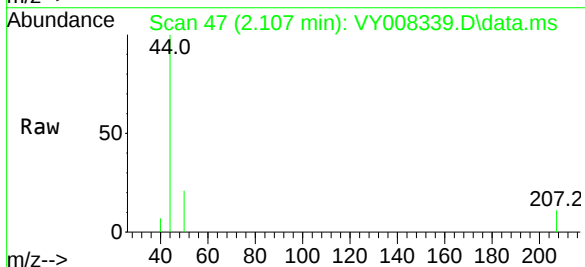
Instrument :
MSVOA_Y
ClientSampleId :
CL-9-11.5

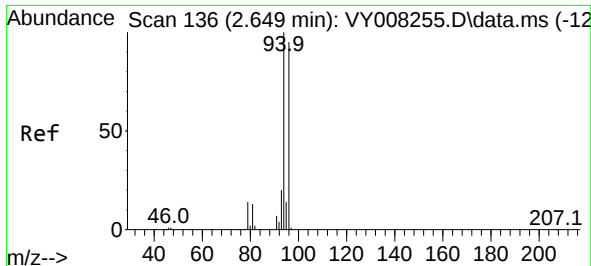
Tgt Ion:168 Resp: 100309
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Tgt Ion: 50 Resp: 235
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

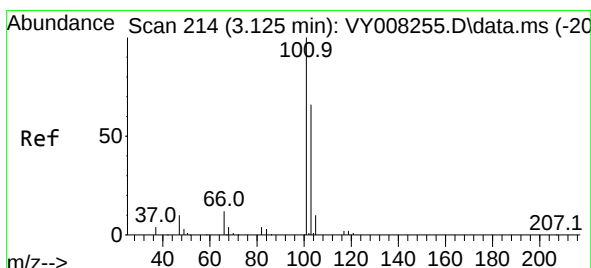
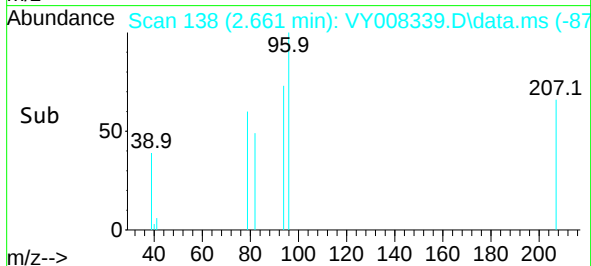
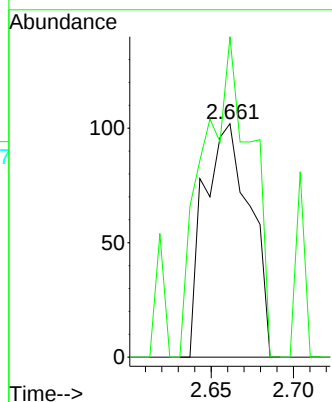
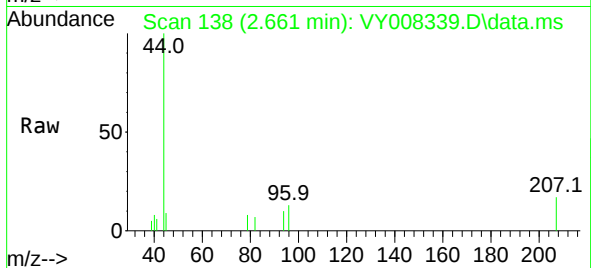




#5
Bromomethane
Concen: Below Cal
RT: 2.661 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

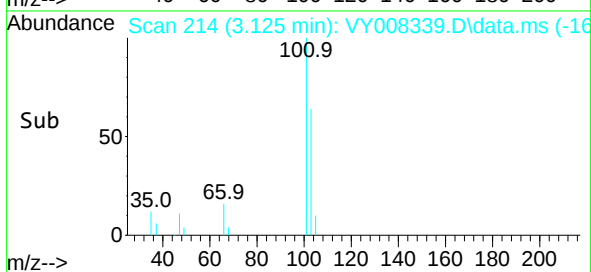
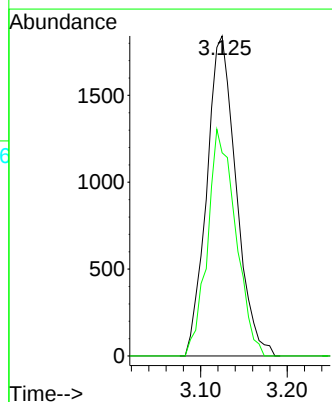
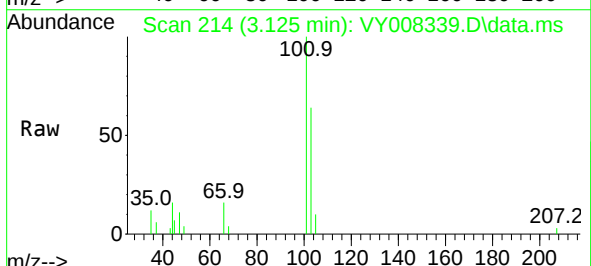
Instrument :
MSVOA_Y
ClientSampleId :
CL-9-11.5

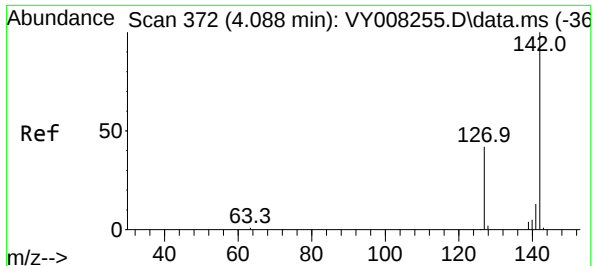
Tgt Ion: 94 Resp: 198
Ion Ratio Lower Upper
94 100
96 137.3 73.5 110.3#



#7
Trichlorofluoromethane
Concen: 2.556 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

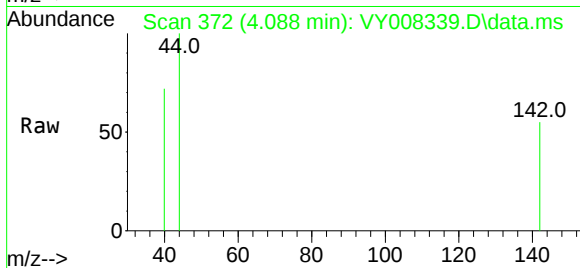
Tgt Ion: 101 Resp: 4346
Ion Ratio Lower Upper
101 100
103 63.5 48.0 72.0



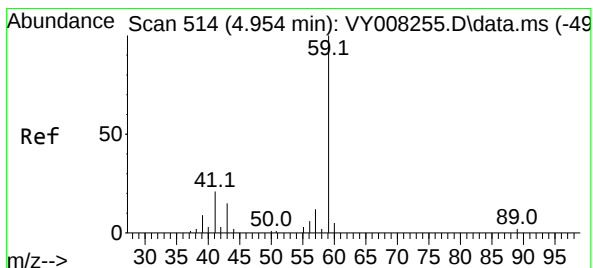
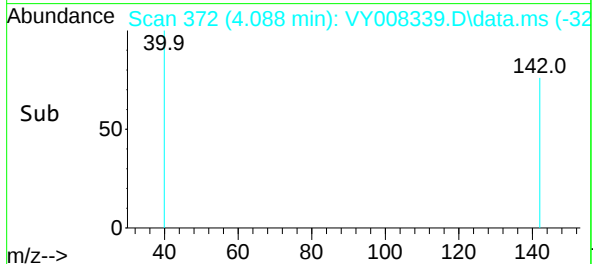
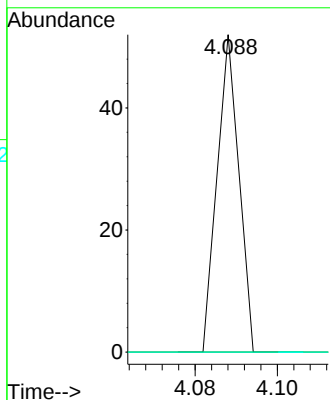


#10
Methyl Iodide
Concen: 2.406 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :
CL-9-11.5

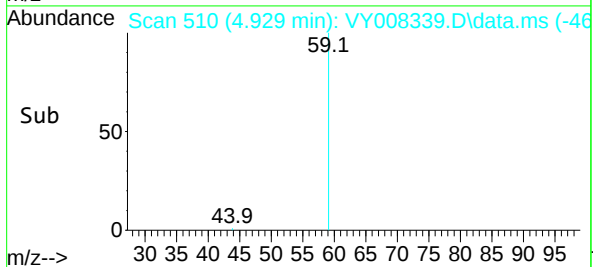
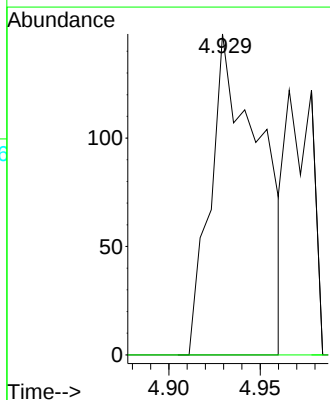
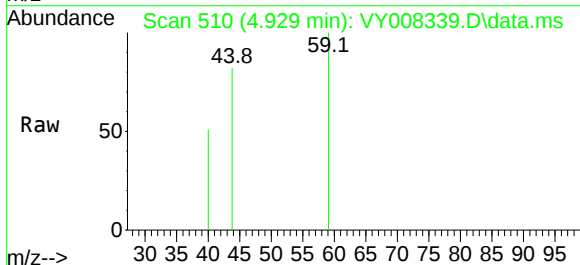


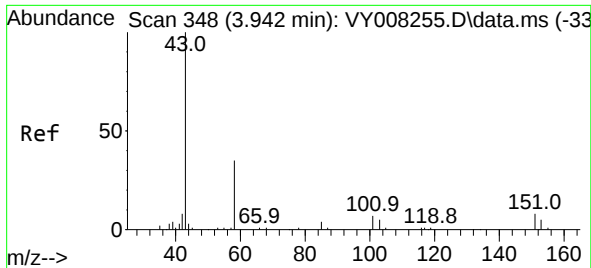
Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



#11
Tert butyl alcohol
Concen: 2.780 ug/l
RT: 4.929 min Scan# 510
Delta R.T. -0.025 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 1.152 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY008339.D

Acq: 14 Apr 2022 19:45

Instrument :

MSVOA_Y

ClientSampleId :

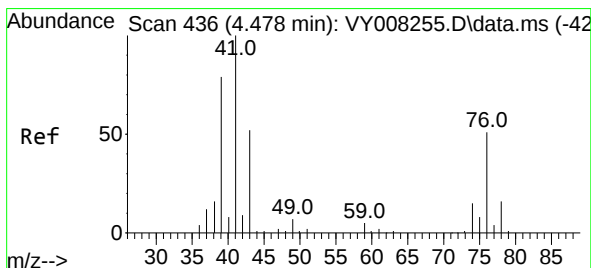
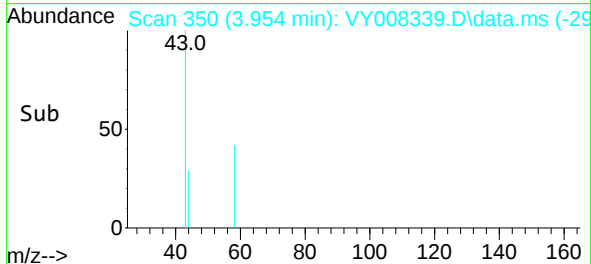
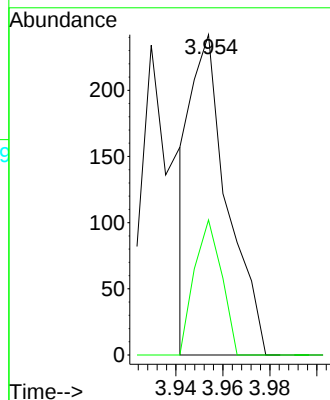
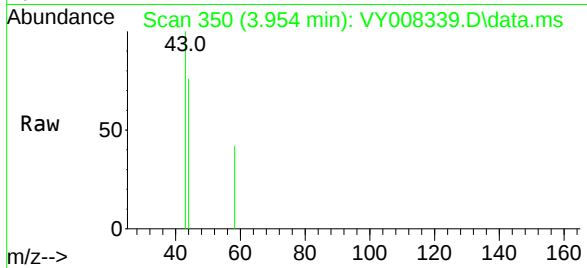
CL-9-11.5

Tgt Ion: 43 Resp: 261

Ion Ratio Lower Upper

43 100

58 42.1 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY008339.D

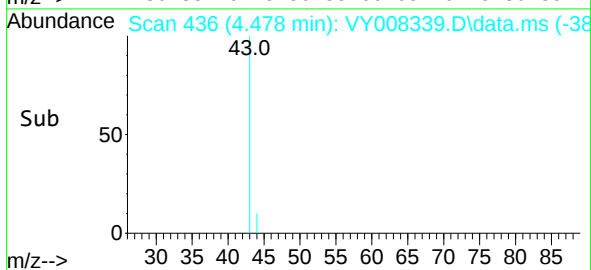
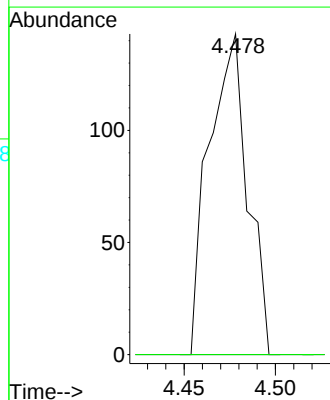
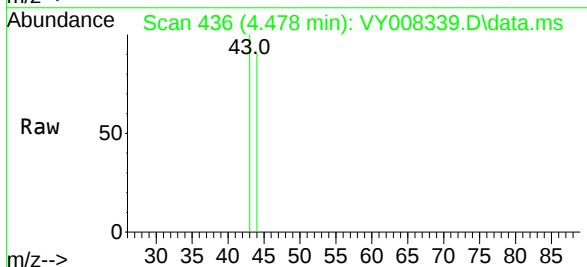
Acq: 14 Apr 2022 19:45

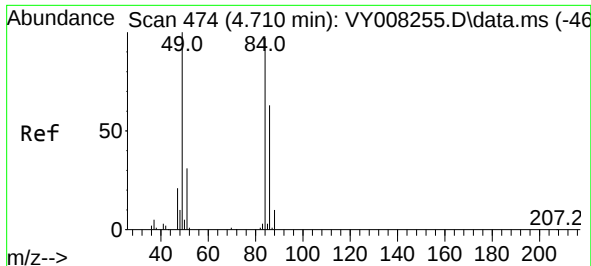
Tgt Ion: 43 Resp: 210

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



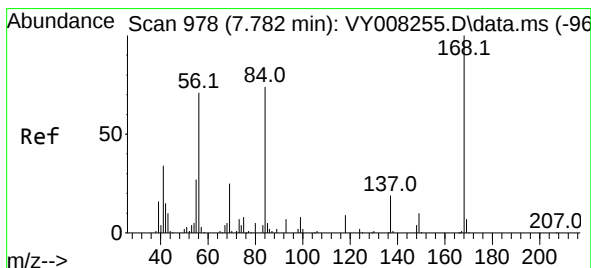
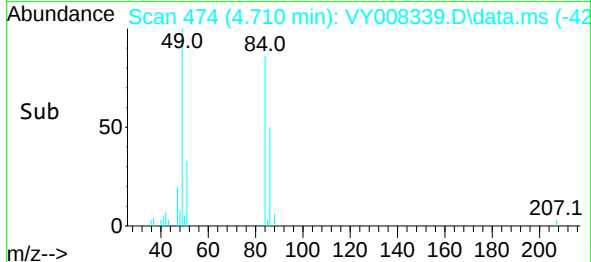
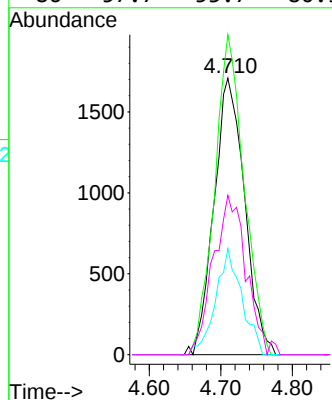
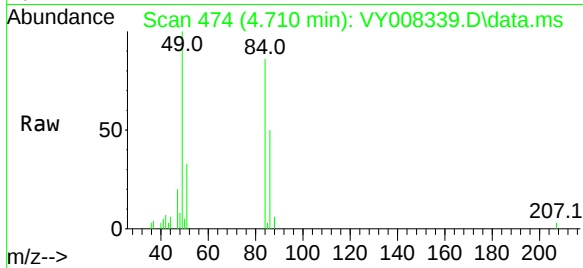


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :
CL-9-11.5

Tgt Ion: 84 Resp: 5071

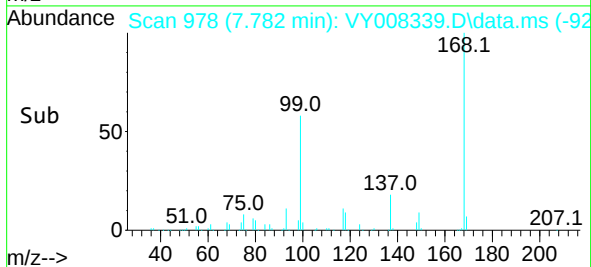
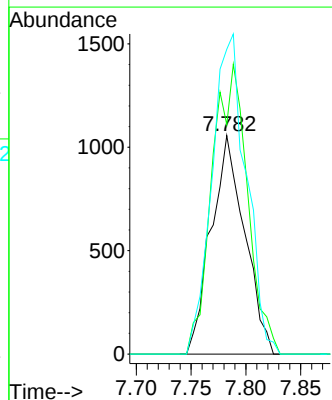
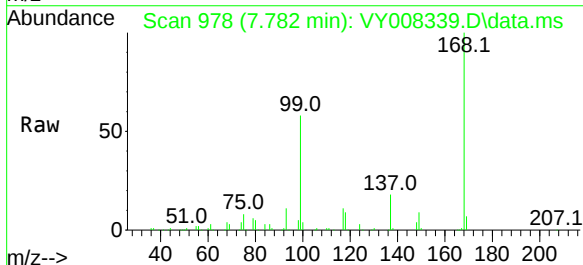
Ion	Ratio	Lower	Upper
84	100		
49	115.7	114.4	171.6
51	38.4	35.3	52.9
86	57.7	53.7	80.5

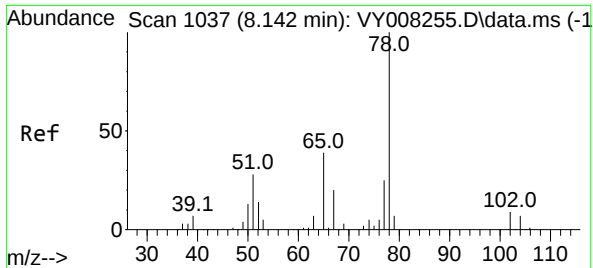


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.782 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Tgt Ion: 56 Resp: 2256

Ion	Ratio	Lower	Upper
56	100		
69	104.9	26.7	40.1#
84	139.5	67.2	100.8#

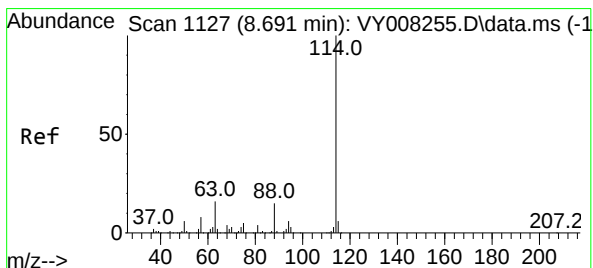
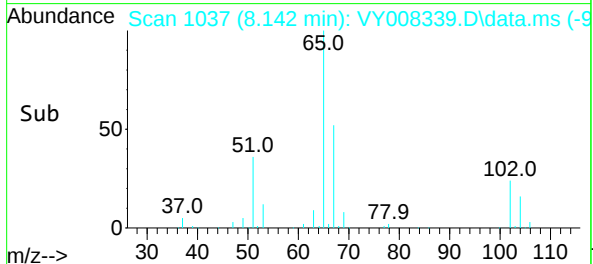
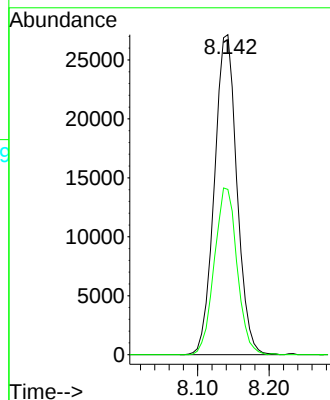
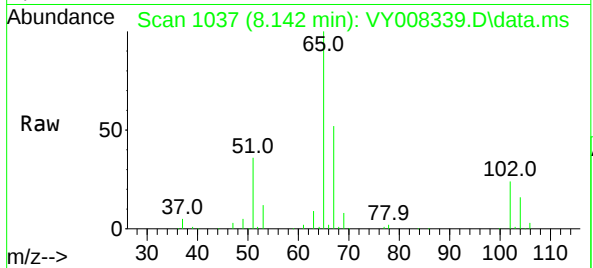




#33
1,2-Dichloroethane-d4
Concen: 62.953 ug/l
RT: 8.142 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

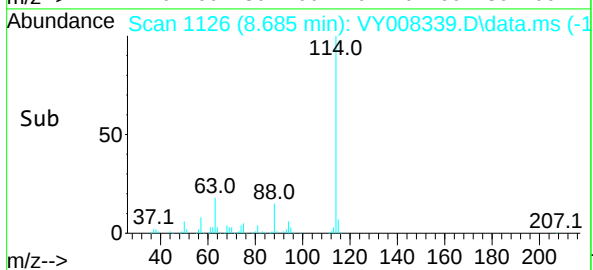
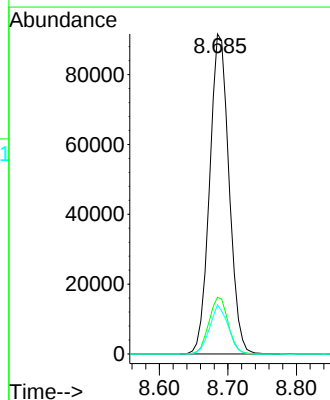
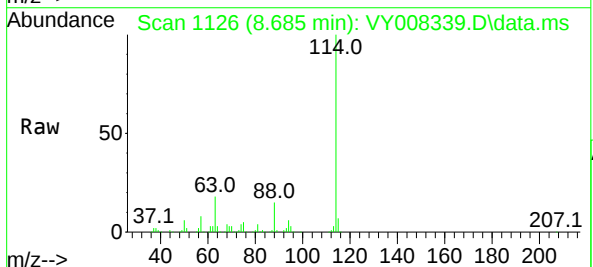
Instrument :
MSVOA_Y
ClientSampleId :
CL-9-11.5

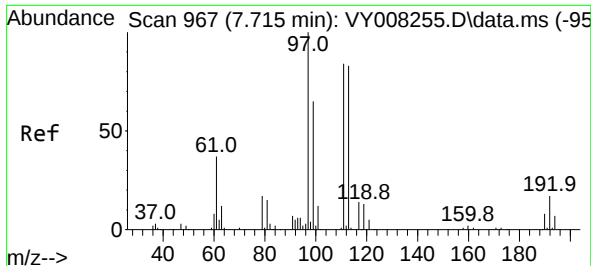
Tgt Ion: 65 Resp: 59316
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Tgt Ion: 114 Resp: 180365
Ion Ratio Lower Upper
114 100
63 17.7 0.0 43.2
88 15.3 0.0 31.8

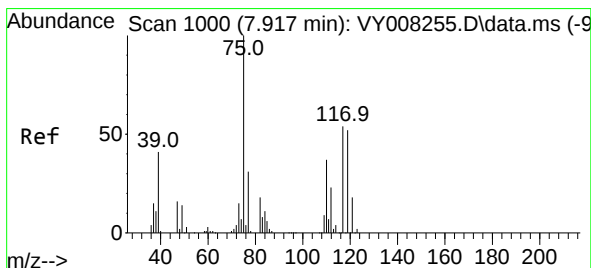
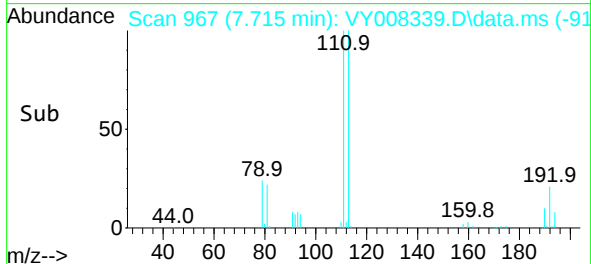
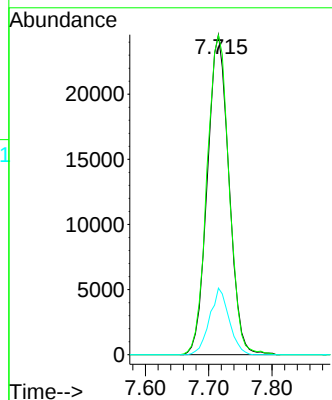
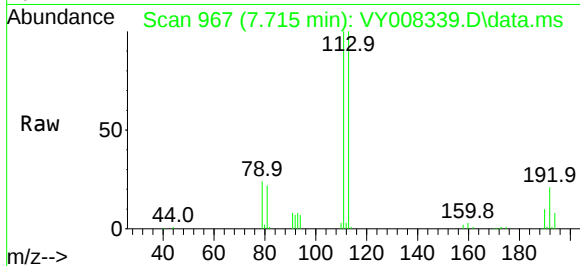




#35
Dibromofluoromethane
Concen: 55.825 ug/l
RT: 7.715 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

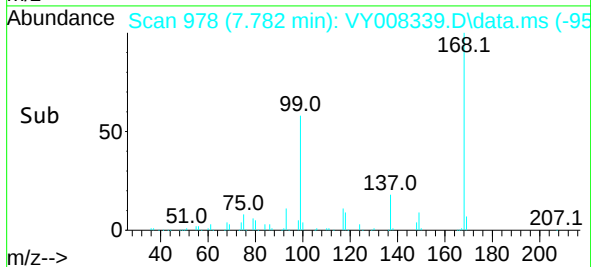
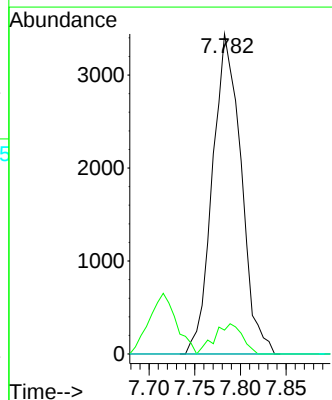
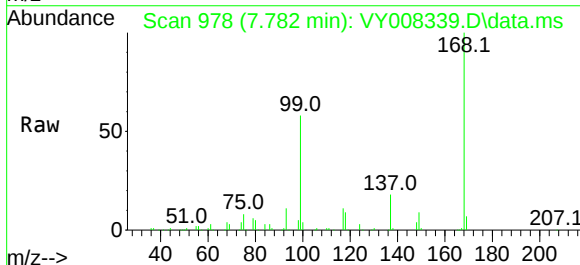
Instrument :
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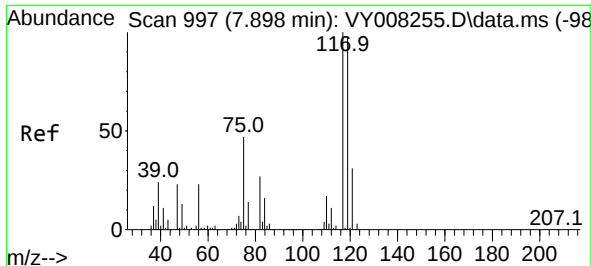
Tgt Ion:113 Resp: 58156
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.505 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.135 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

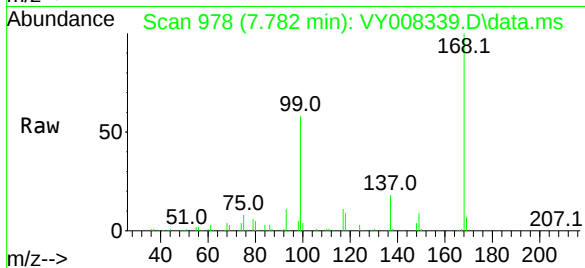
Tgt Ion: 75 Resp: 7494
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#



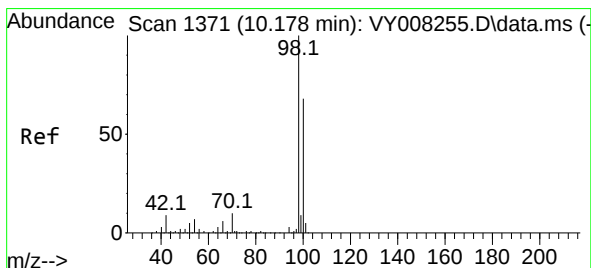
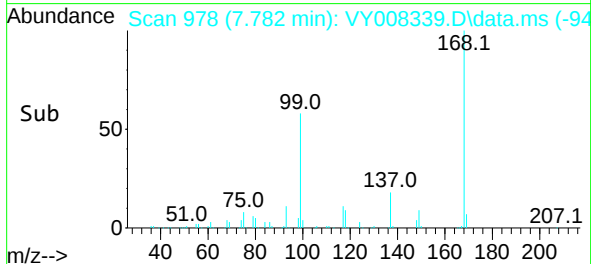
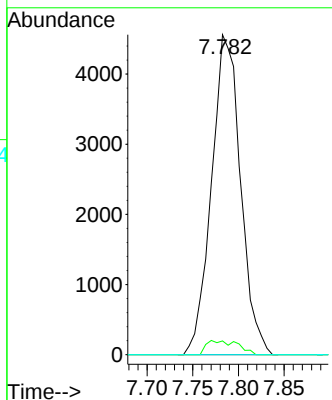


#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Instrument :
MSVOA_Y
ClientSampleId :
CL-9-11.5

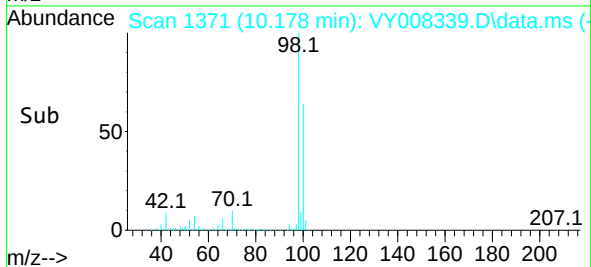
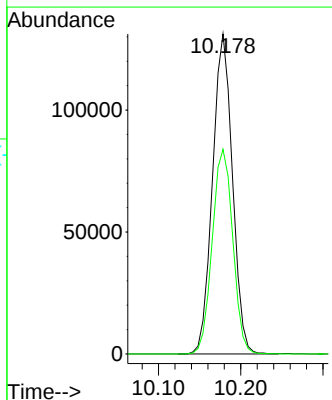
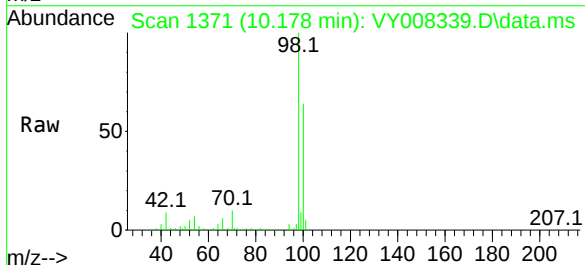


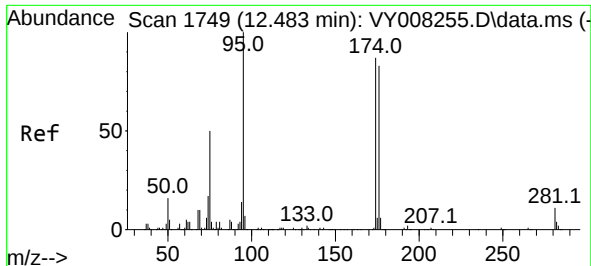
Tgt Ion:117 Resp: 10076
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 61.957 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Tgt Ion: 98 Resp: 220856
Ion Ratio Lower Upper
98 100
100 65.9 50.2 75.2

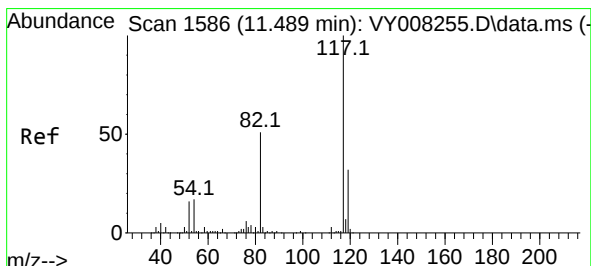
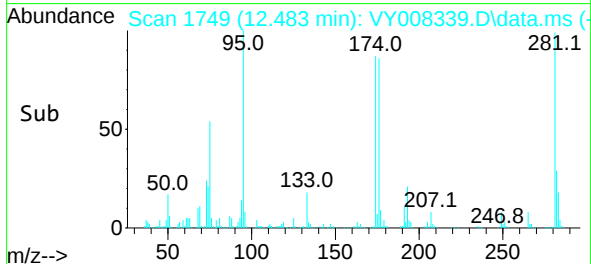
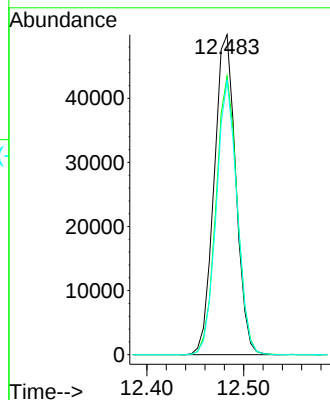
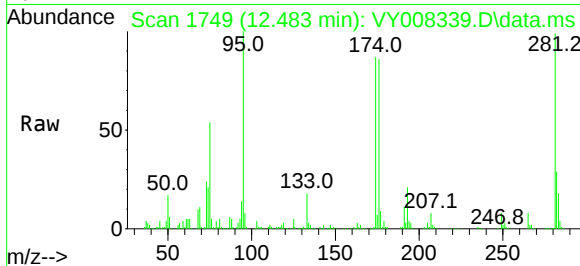




#62
4-Bromofluorobenzene
Concen: 57.751 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

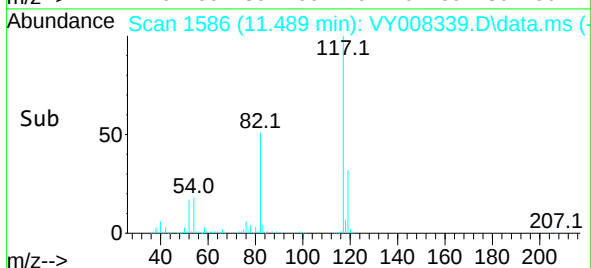
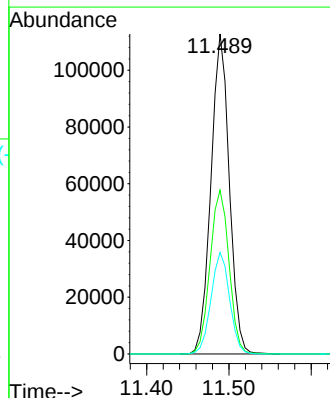
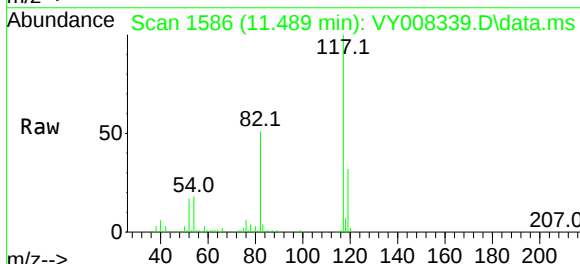
Instrument :
MSVOA_Y
ClientSampleId :
CL-9-11.5

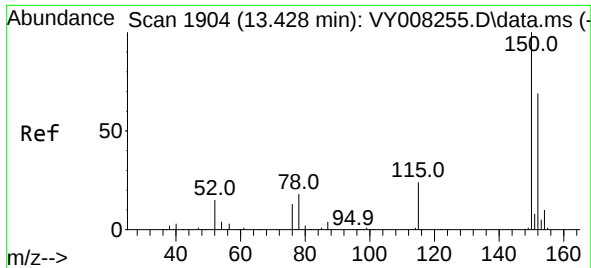
Tgt Ion: 95 Resp: 77431
Ion Ratio Lower Upper
95 100
174 85.0 0.0 177.0
176 82.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008339.D
Acq: 14 Apr 2022 19:45

Tgt Ion: 117 Resp: 174772
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 31.7 25.4 38.0

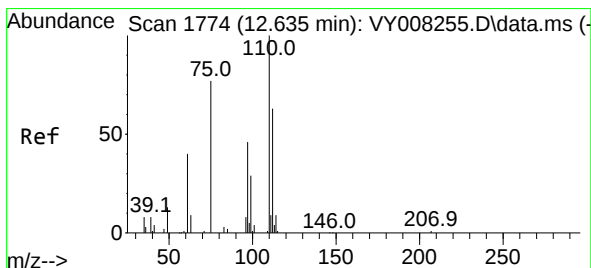
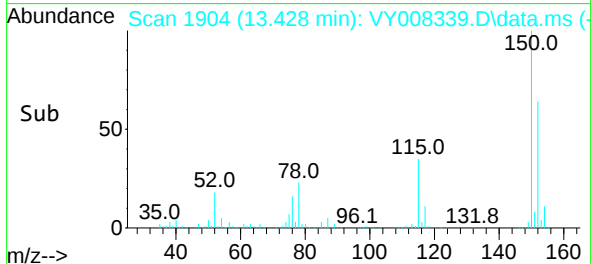
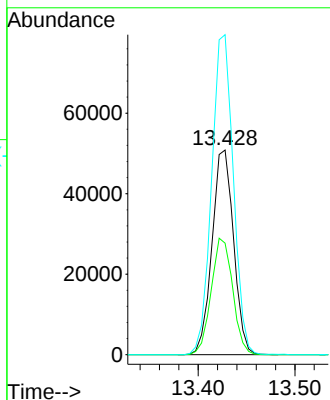
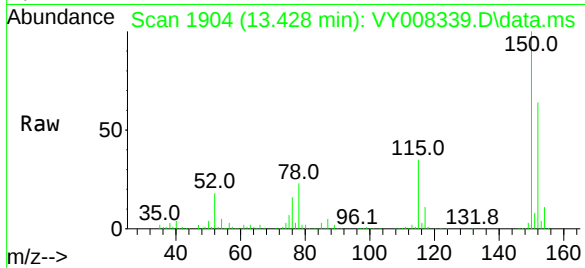




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008339.D
 Acq: 14 Apr 2022 19:45

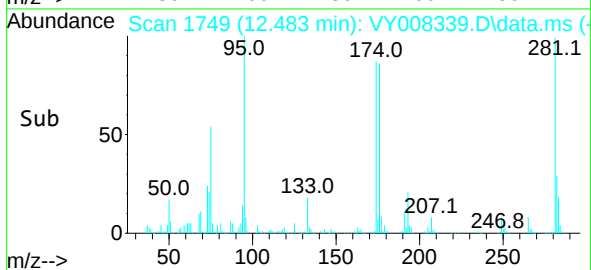
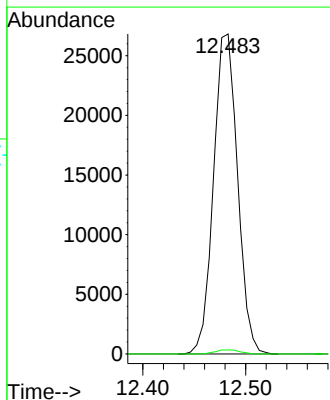
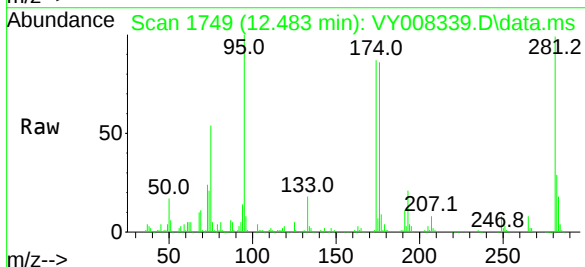
Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-9-11.5

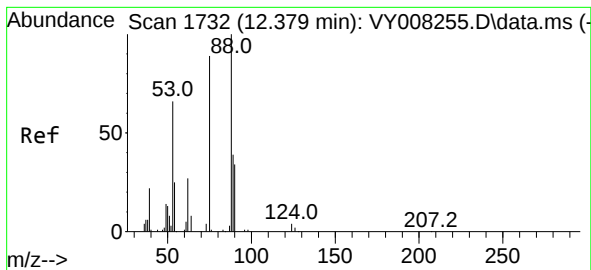
Tgt Ion:152 Resp: 78732
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.895 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008339.D
 Acq: 14 Apr 2022 19:45

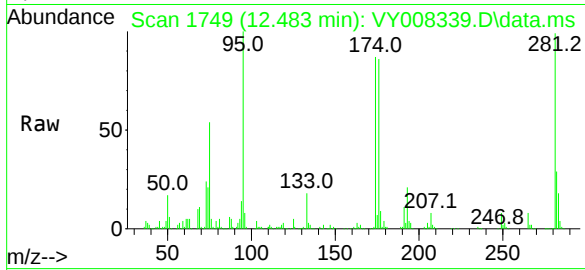
Tgt Ion: 75 Resp: 43446
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.637 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008339.D
 Acq: 14 Apr 2022 19:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-9-11.5



Tgt Ion: 75 Resp: 43446
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 1.7 37.0 55.4#

