

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031250.D
 Acq On : 09 Sep 2022 12:36
 Operator : JC/MD
 Sample : N4505-04DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-107DL

Quant Time: Sep 09 15:26:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

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

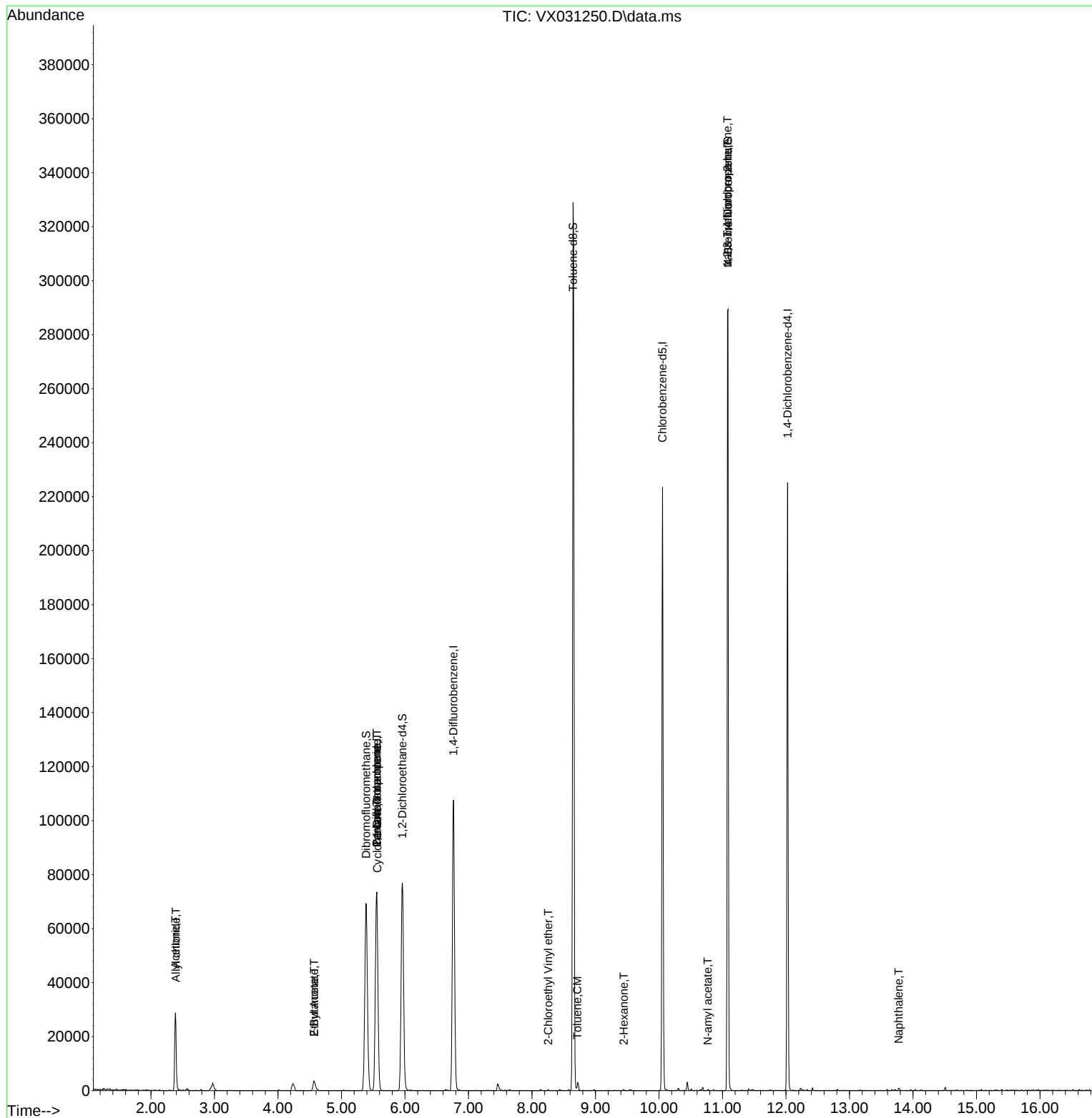
Internal Standards						
1) Pentafluorobenzene	5.556	168	58124	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	104320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	93350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	90276	65.602	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 131.200%#			
35) Dibromofluoromethane	5.385	113	57963	50.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.980%			
50) Toluene-d8	8.647	98	194770	47.157	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.320%			
62) 4-Bromofluorobenzene	11.085	95	80300	53.052	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.100%			
Target Compounds						Qvalue
11) Tert butyl alcohol	2.971	59	4278	Below Cal		97
14) Allyl chloride	2.392	41	508	0.385	ug/l #	27
16) Acetone	2.386	43	31237	65.558	ug/l #	85
25) 2-Butanone	4.568	43	5100	7.226	ug/l	98
31) Cyclohexane	5.562	56	1715	1.115	ug/l #	42
36) 1,1-Dichloropropene	5.556	75	6052	3.555	ug/l #	51
37) Ethyl Acetate	4.568	43	5100	3.377	ug/l #	67
38) Carbon Tetrachloride	5.556	117	7888	4.404	ug/l #	16
52) Toluene	8.714	92	1091	0.358	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.257	63	187	0.215	ug/l #	47
59) 2-Hexanone	9.446	43	306	0.278	ug/l #	42
74) N-amyl acetate	10.768	43	288	0.247	ug/l #	56
76) 1,2,3-Trichloropropane	11.079	75	45937	39.932	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45937	128.778	ug/l #	12
95) Naphthalene	13.774	128	873	0.263	ug/l #	93

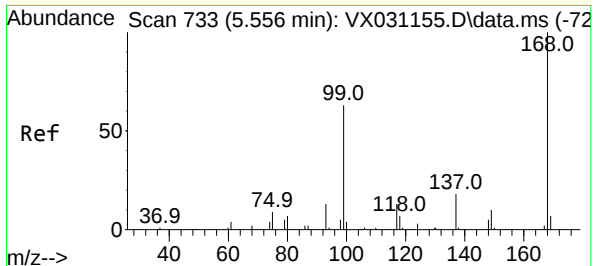
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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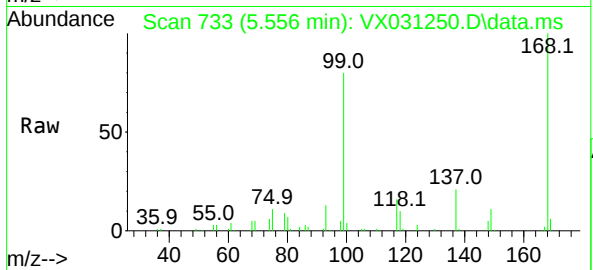
Quant Time: Sep 09 15:26:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
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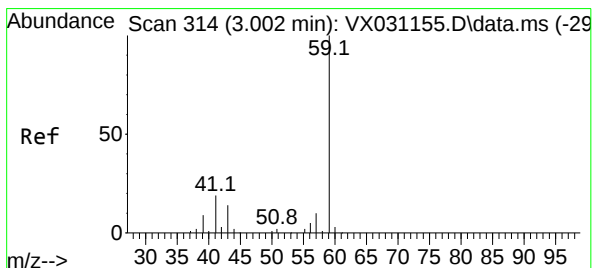
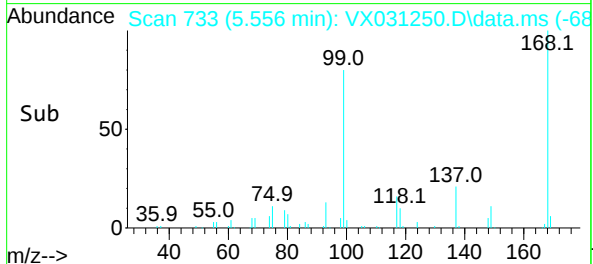
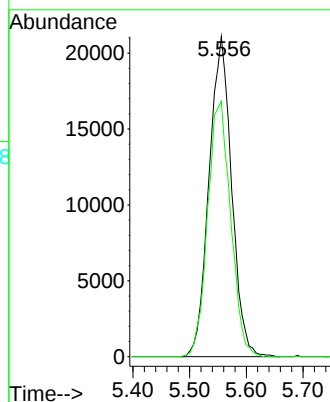


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
CLI-107DL

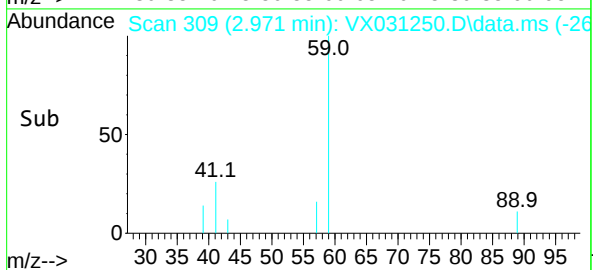
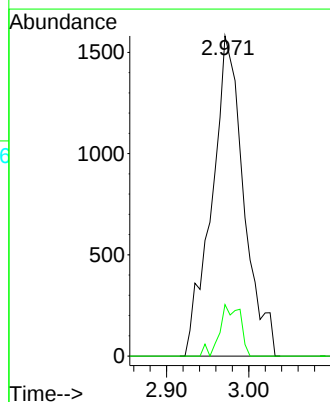
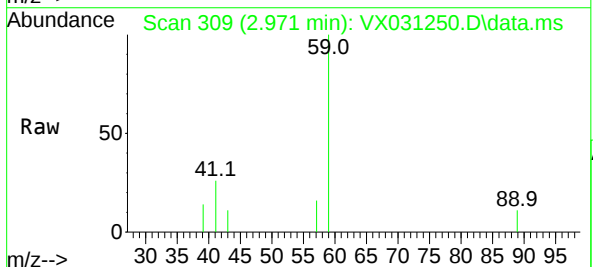


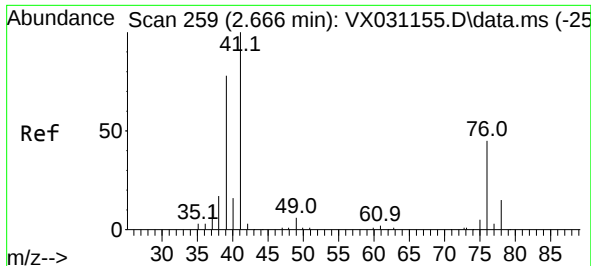
Tgt Ion:168 Resp: 58124
Ion Ratio Lower Upper
168 100
99 79.8 44.0 66.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.031 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

Tgt Ion: 59 Resp: 4278
Ion Ratio Lower Upper
59 100
57 10.3 7.4 11.2

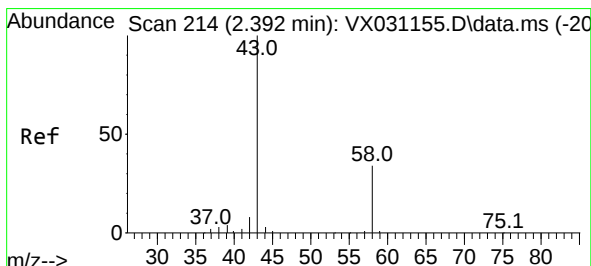
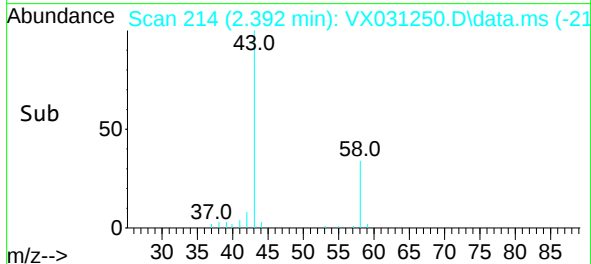
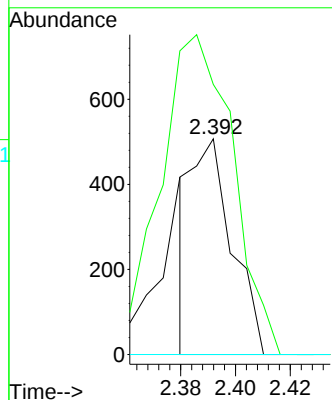
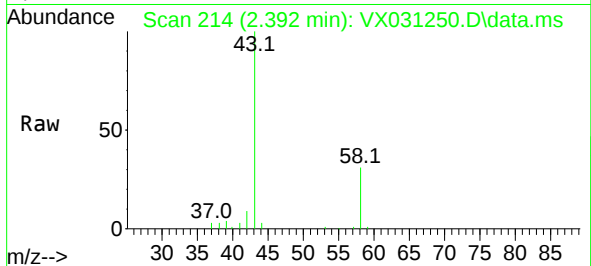




#14
 Allyl chloride
 Concen: 0.385 ug/l
 RT: 2.392 min Scan# 214
 Delta R.T. -0.274 min
 Lab File: VX031250.D
 Acq: 09 Sep 2022 12:36

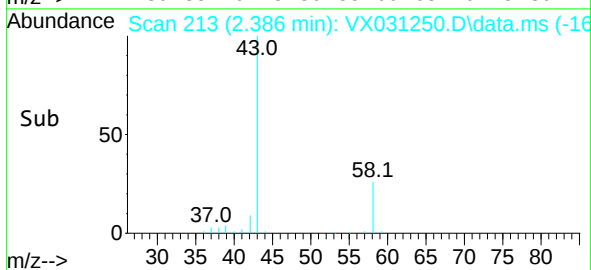
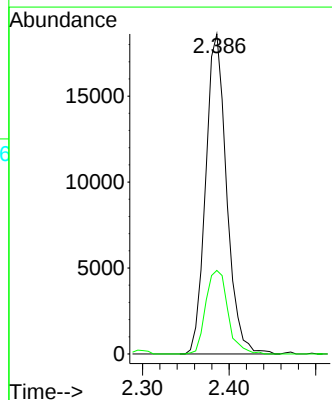
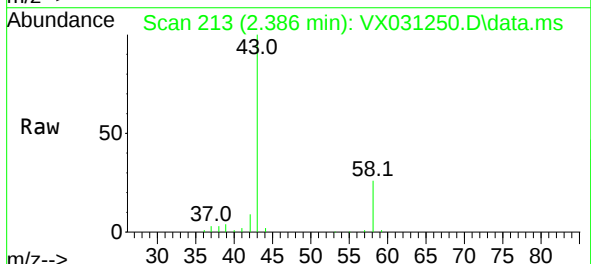
Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-107DL

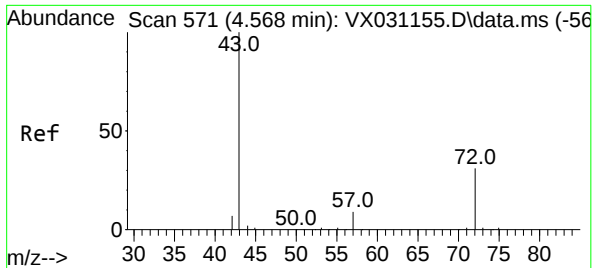
Tgt Ion: 41 Resp: 508
 Ion Ratio Lower Upper
 41 100
 39 0.0 48.9 73.3#
 76 0.0 26.9 40.3#



#16
 Acetone
 Concen: 65.558 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VX031250.D
 Acq: 09 Sep 2022 12:36

Tgt Ion: 43 Resp: 31237
 Ion Ratio Lower Upper
 43 100
 58 26.1 27.7 41.5#

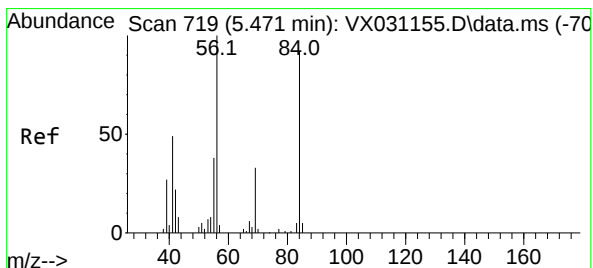
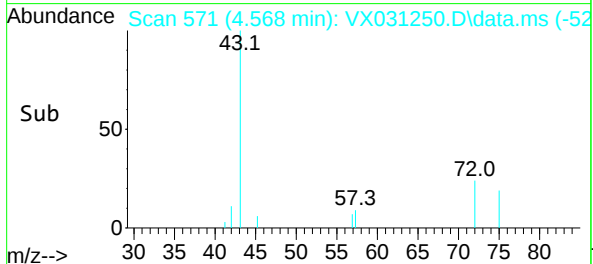
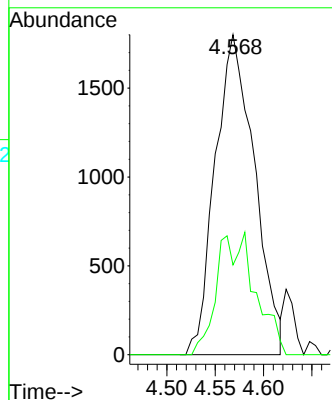
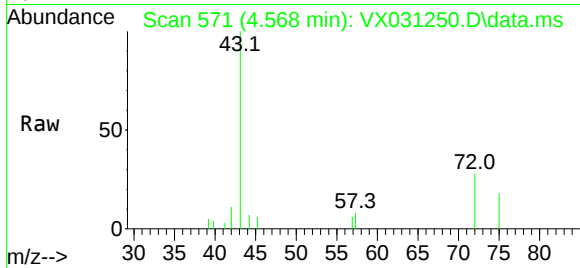




#25
2-Butanone
Concen: 7.226 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

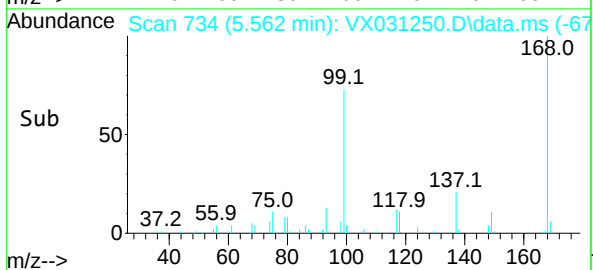
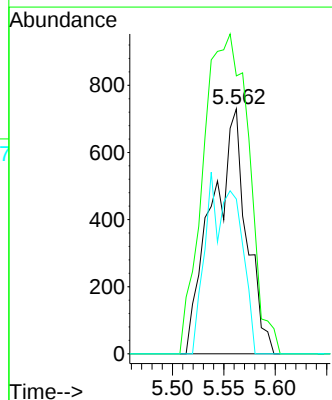
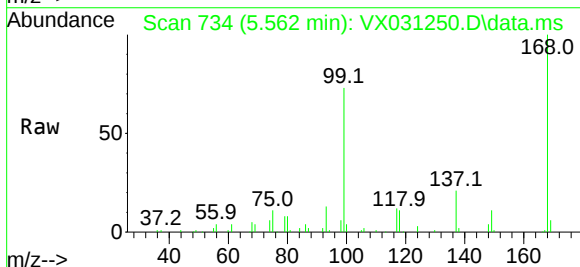
Instrument :
MSVOA_X
ClientSampleId :
CLI-107DL

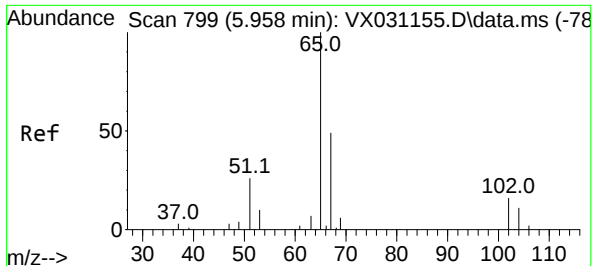
Tgt Ion: 43 Resp: 5100
Ion Ratio Lower Upper
43 100
72 28.0 21.7 32.5



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.091 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

Tgt Ion: 56 Resp: 1715
Ion Ratio Lower Upper
56 100
69 113.4 25.4 38.0#
84 63.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 65.602 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031250.D

Acq: 09 Sep 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

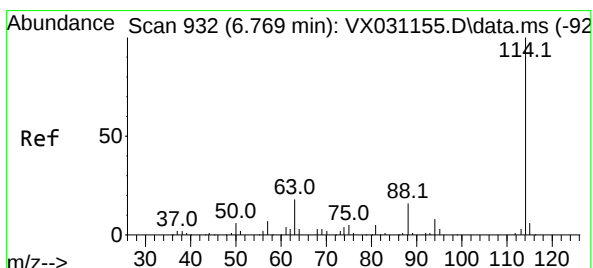
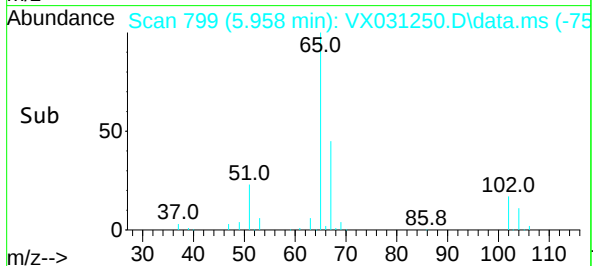
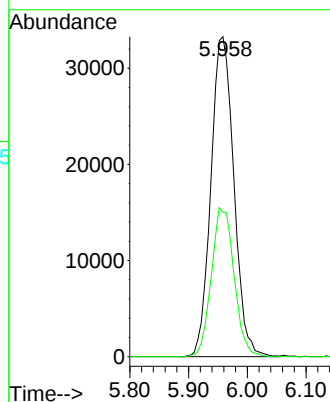
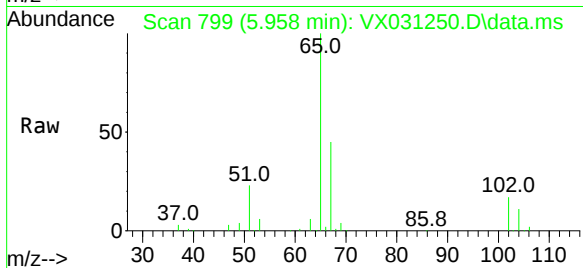
CLI-107DL

Tgt Ion: 65 Resp: 90276

Ion Ratio Lower Upper

65 100

67 46.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031250.D

Acq: 09 Sep 2022 12:36

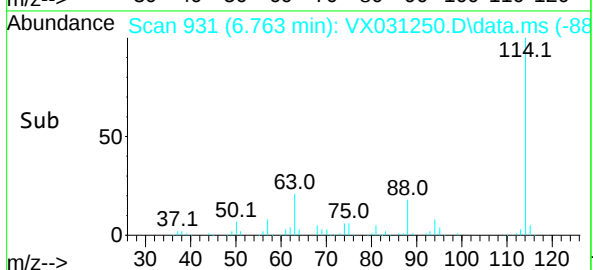
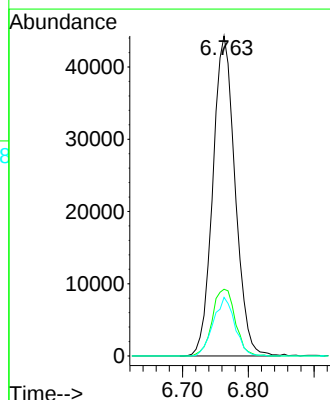
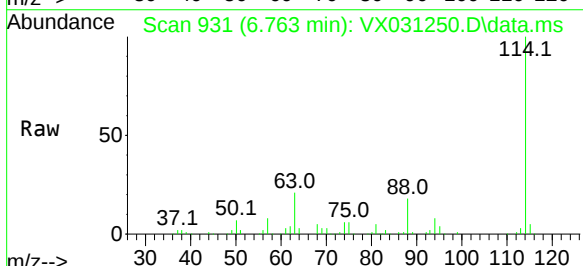
Tgt Ion: 114 Resp: 104320

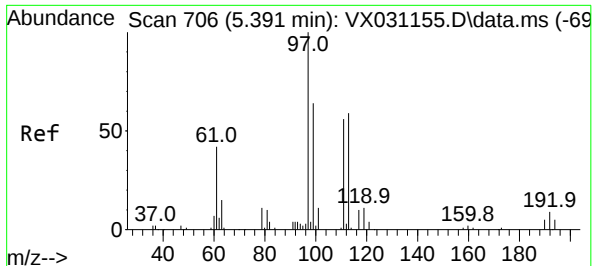
Ion Ratio Lower Upper

114 100

63 20.9 0.0 38.4

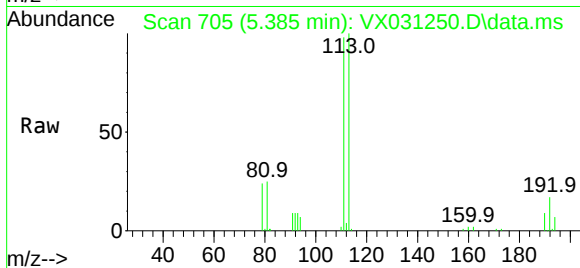
88 18.3 0.0 31.8



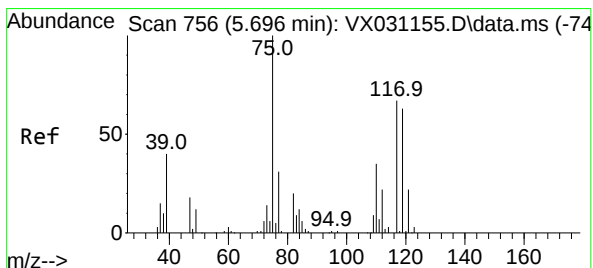
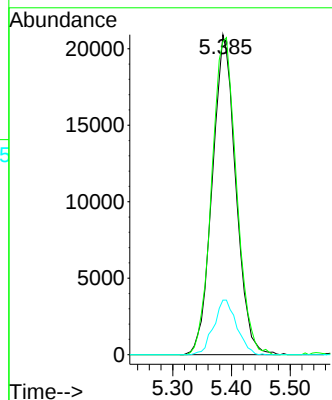
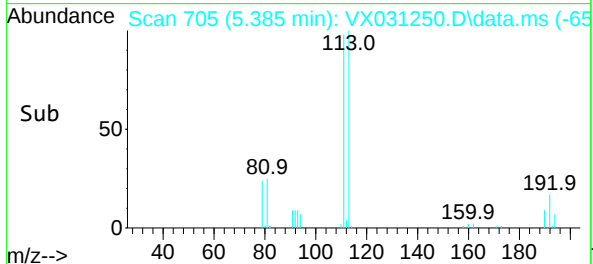


#35
Dibromofluoromethane
Concen: 50.988 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

Instrument :
MSVOA_X
ClientSampleId :
CLI-107DL

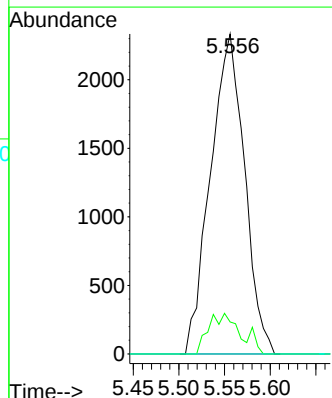
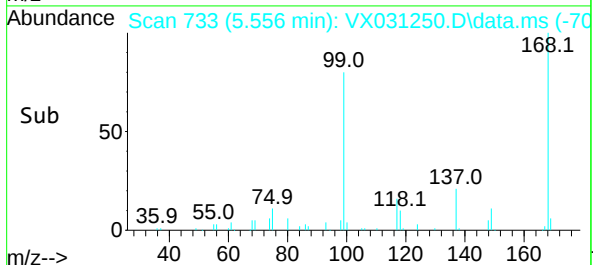
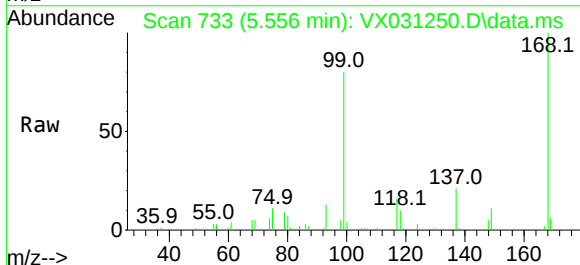


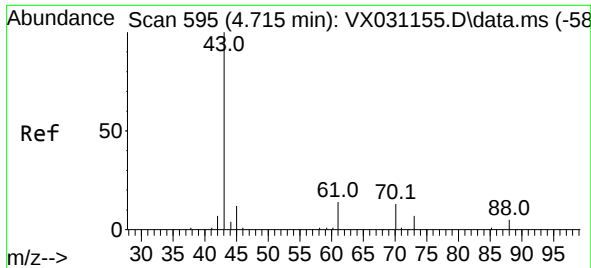
Tgt Ion:113 Resp: 57963
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 16.6 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.555 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

Tgt Ion: 75 Resp: 6052
Ion Ratio Lower Upper
75 100
110 12.0 19.3 57.9#
77 0.0 24.4 36.6#

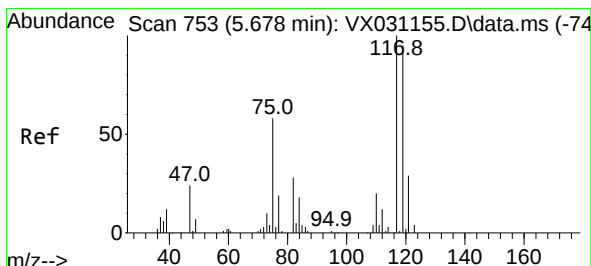
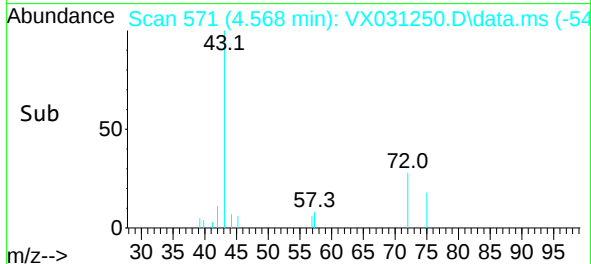
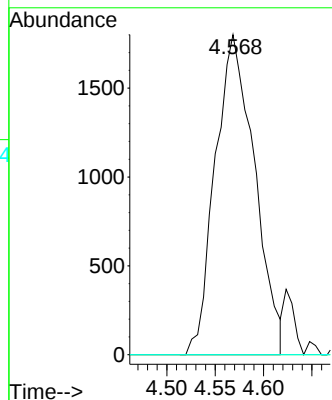
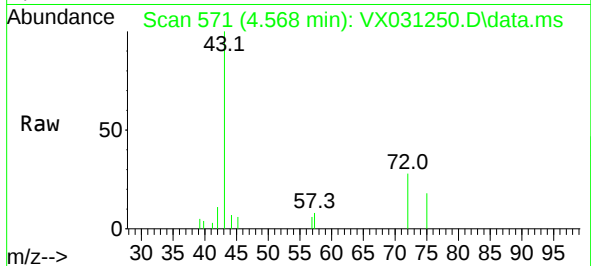




#37
Ethyl Acetate
Concen: 3.377 ug/l
RT: 4.568 min Scan# 51
Delta R.T. -0.146 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

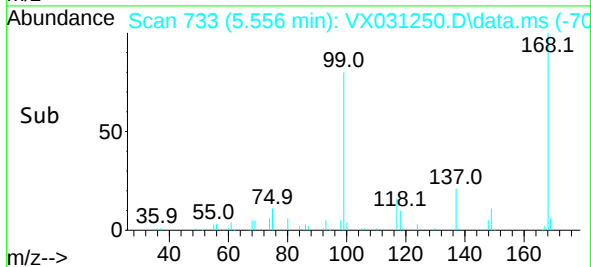
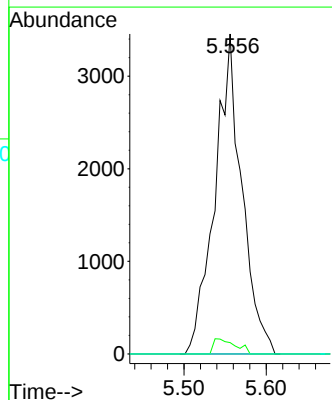
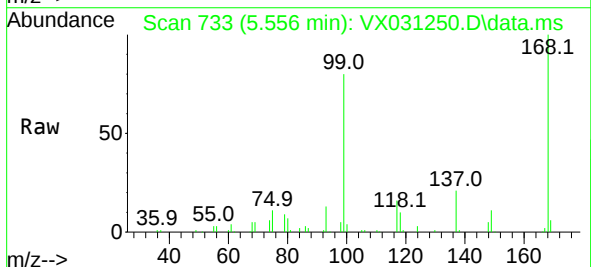
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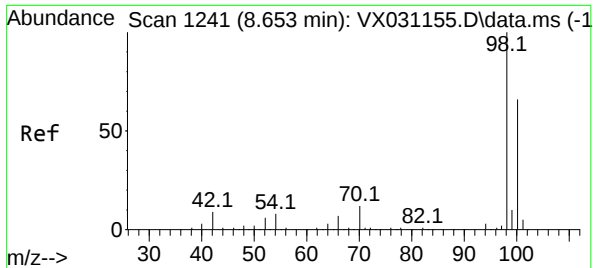
Tgt Ion: 43 Resp: 5100
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 4.404 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

Tgt Ion: 117 Resp: 7888
Ion Ratio Lower Upper
117 100
119 3.6 74.1 111.1#
121 0.0 25.8 38.8#

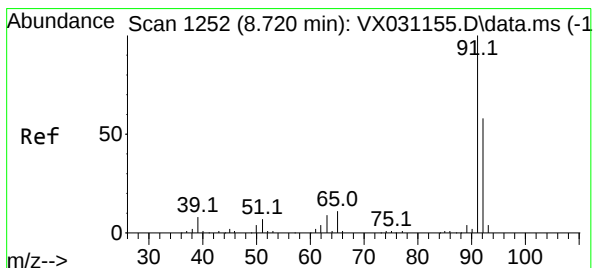
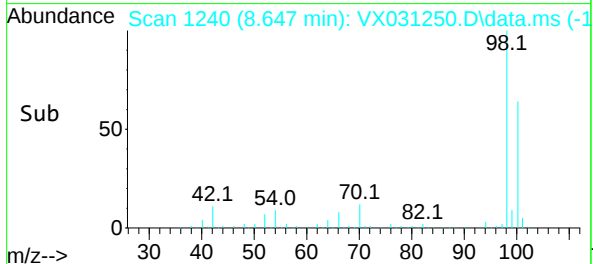
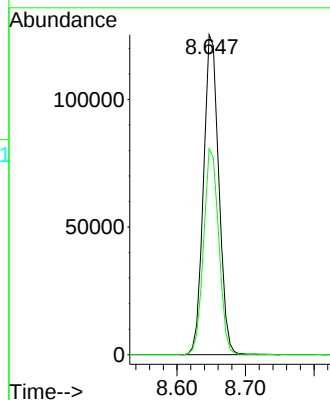
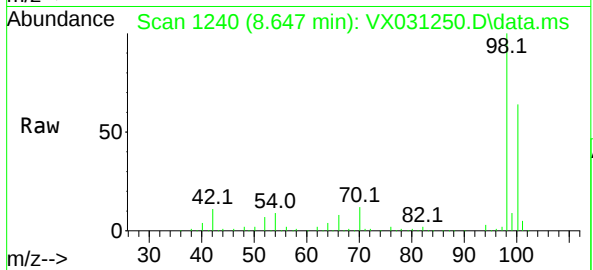




#50
Toluene-d8
Concen: 47.157 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

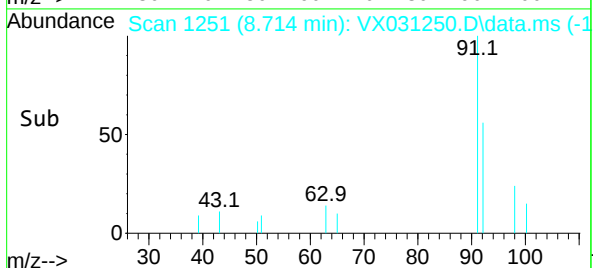
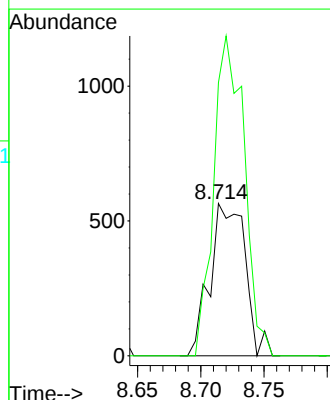
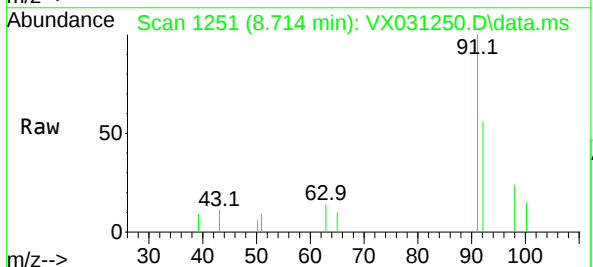
Instrument :
MSVOA_X
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CLI-107DL

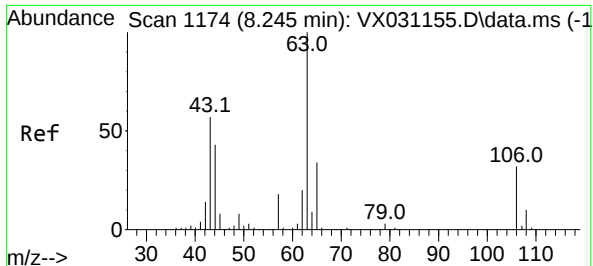
Tgt Ion: 98 Resp: 194770
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#52
Toluene
Concen: 0.358 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

Tgt Ion: 92 Resp: 1091
Ion Ratio Lower Upper
92 100
91 182.8 139.2 208.8





#58

2-Chloroethyl Vinyl ether

Concen: 0.215 ug/l

RT: 8.257 min Scan# 1176

Delta R.T. 0.012 min

Lab File: VX031250.D

Acq: 09 Sep 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

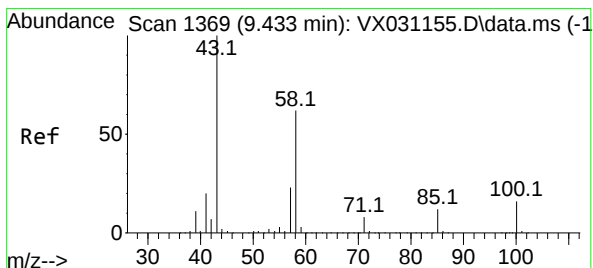
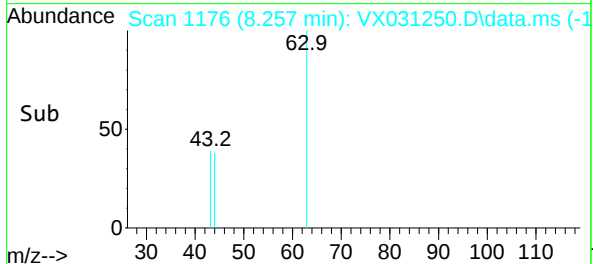
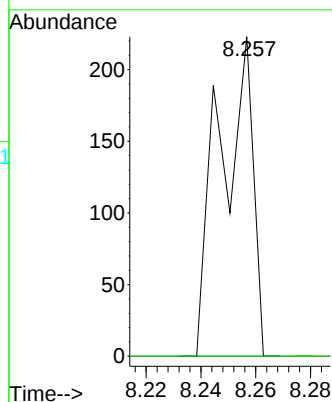
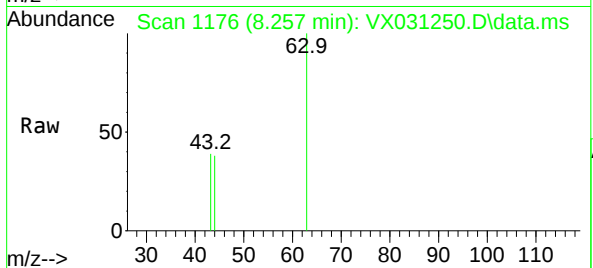
CLI-107DL

Tgt Ion: 63 Resp: 187

Ion Ratio Lower Upper

63 100

106 0.0 22.2 33.2#



#59

2-Hexanone

Concen: 0.278 ug/l

RT: 9.446 min Scan# 1371

Delta R.T. 0.012 min

Lab File: VX031250.D

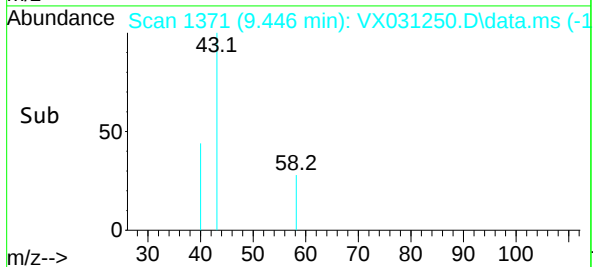
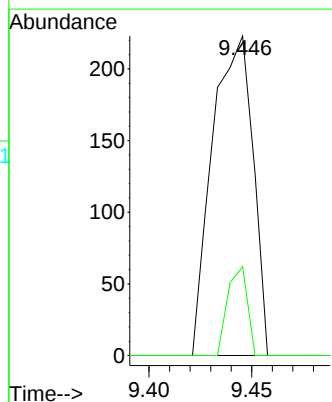
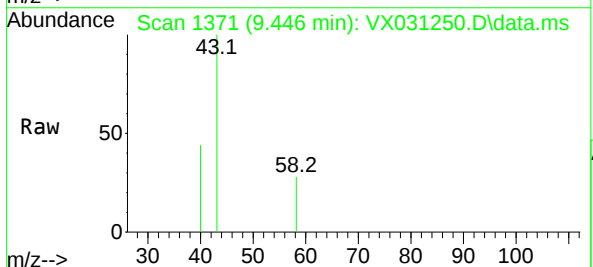
Acq: 09 Sep 2022 12:36

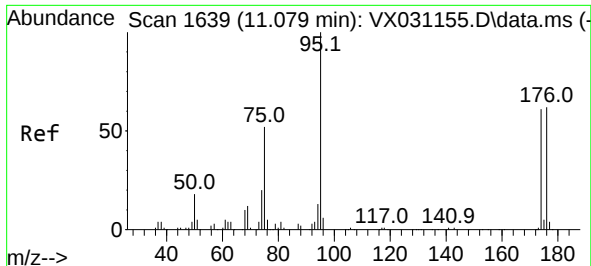
Tgt Ion: 43 Resp: 306

Ion Ratio Lower Upper

43 100

58 13.4 27.6 82.8#





#62

4-Bromofluorobenzene

Concen: 53.052 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031250.D

Acq: 09 Sep 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

CLI-107DL

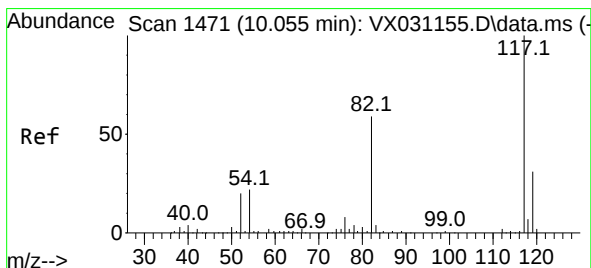
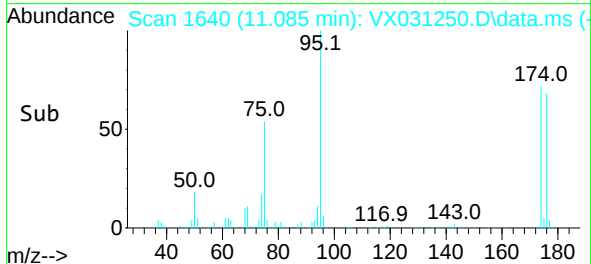
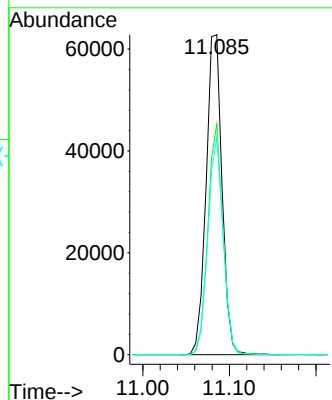
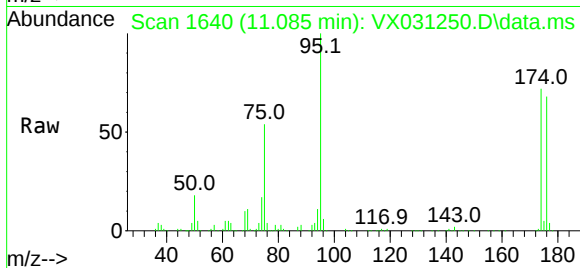
Tgt Ion: 95 Resp: 80300

Ion Ratio Lower Upper

95 100

174 68.1 0.0 149.0

176 65.3 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031250.D

Acq: 09 Sep 2022 12:36

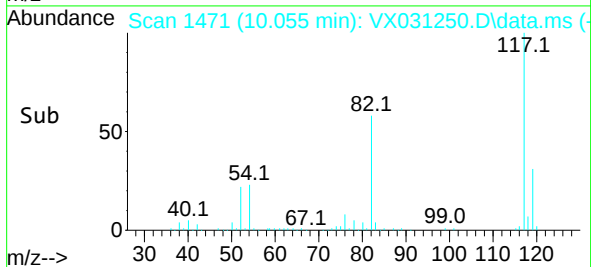
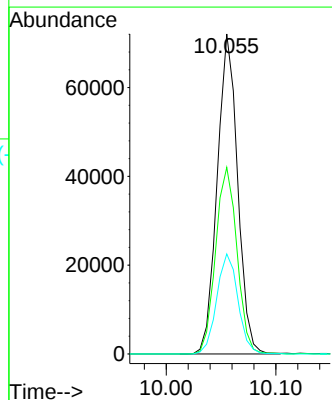
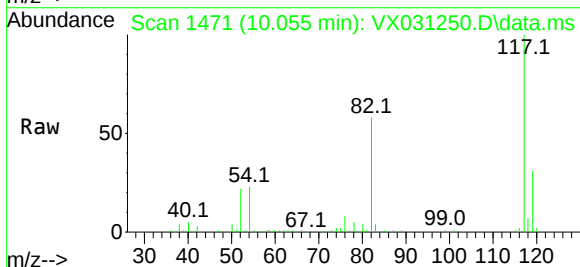
Tgt Ion: 117 Resp: 93350

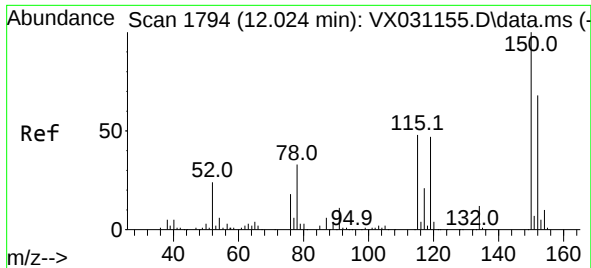
Ion Ratio Lower Upper

117 100

82 58.3 42.7 64.1

119 31.3 25.4 38.2

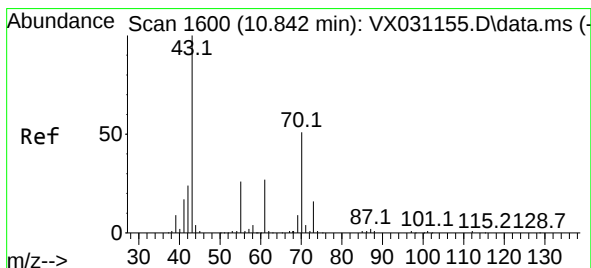
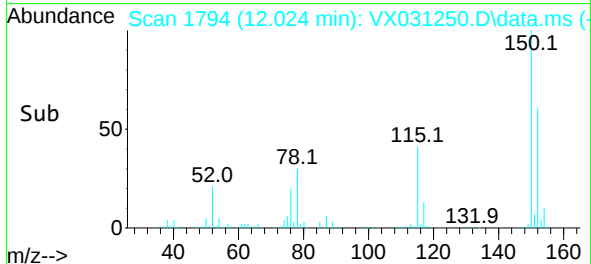
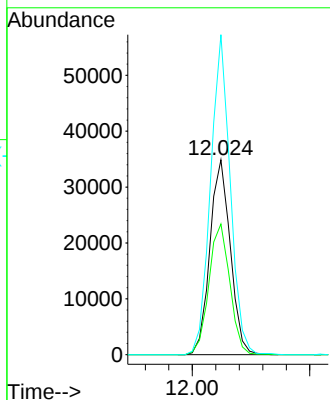
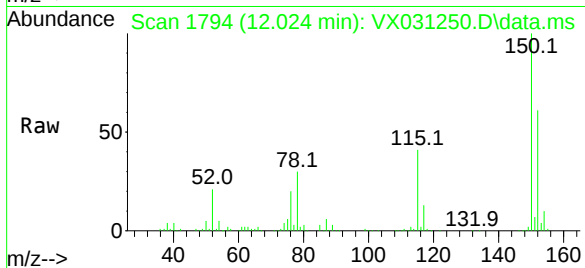




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

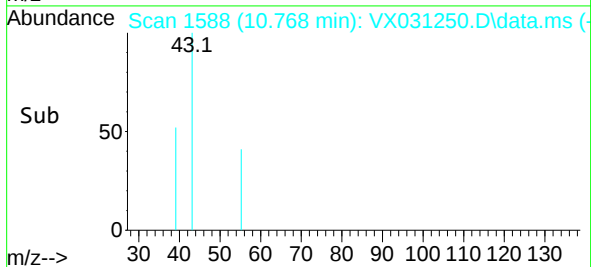
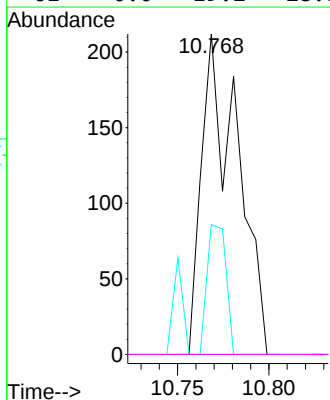
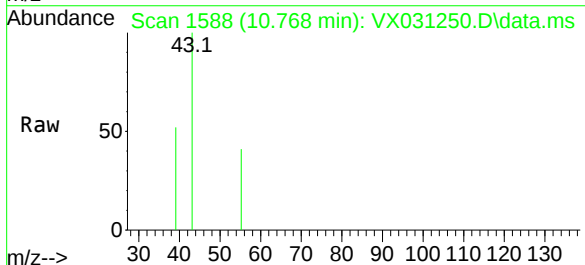
Instrument :
MSVOA_X
ClientSampleId :
CLI-107DL

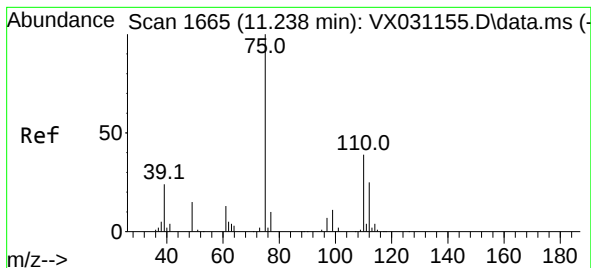
Tgt Ion:152 Resp: 42151
Ion Ratio Lower Upper
152 100
115 68.7 40.5 121.5
150 157.8 0.0 347.0



#74
N-ethyl acetate
Concen: 0.247 ug/l
RT: 10.768 min Scan# 1588
Delta R.T. -0.073 min
Lab File: VX031250.D
Acq: 09 Sep 2022 12:36

Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
70 0.0 32.3 48.5#
55 21.5 18.4 27.6
61 0.0 19.2 28.8#





#76

1,2,3-Trichloropropane

Concen: 39.932 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX031250.D

Acq: 09 Sep 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

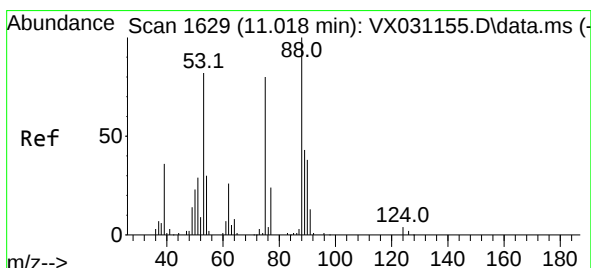
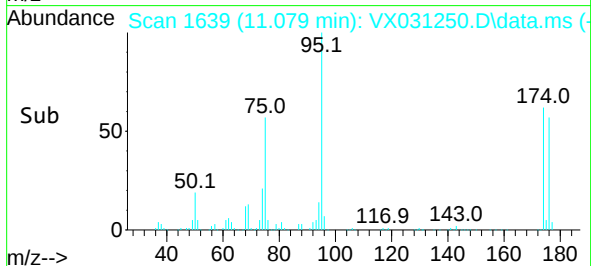
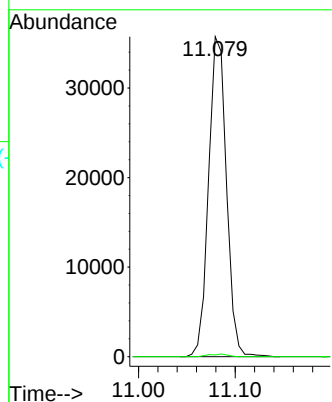
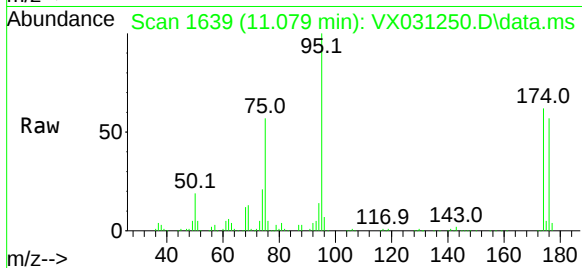
CLI-107DL

Tgt Ion: 75 Resp: 45937

Ion Ratio Lower Upper

75 100

77 0.9 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.778 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031250.D

Acq: 09 Sep 2022 12:36

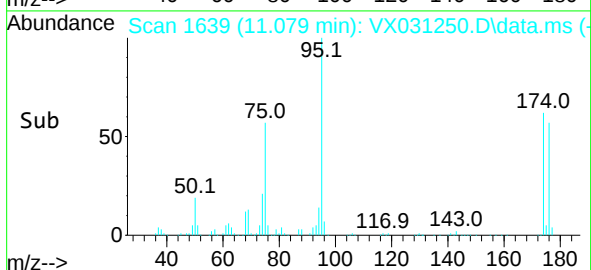
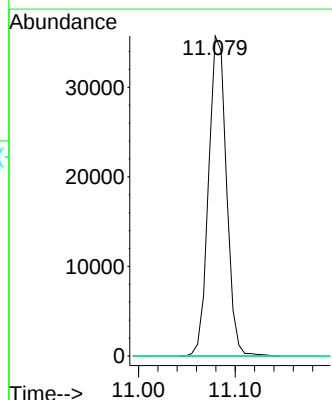
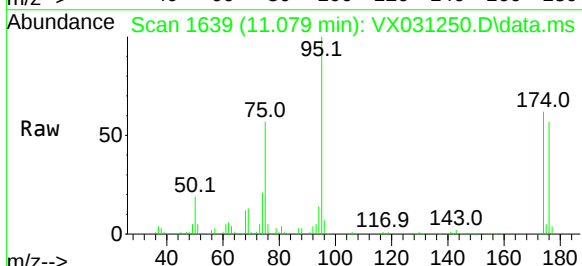
Tgt Ion: 75 Resp: 45937

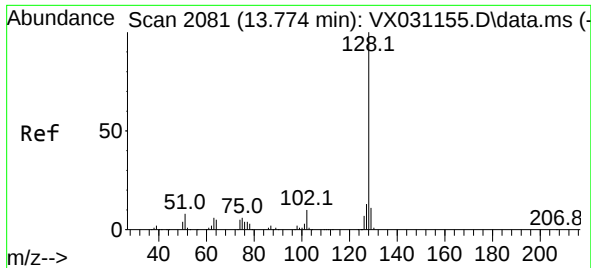
Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#





#95

Naphthalene

Concen: 0.263 ug/l

RT: 13.774 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX031250.D

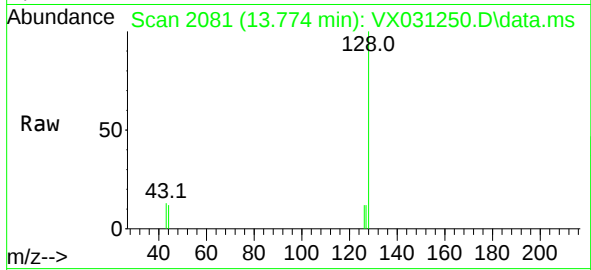
Acq: 09 Sep 2022 12:36

Instrument :

MSVOA_X

ClientSampleId :

CLI-107DL



Tgt Ion:128 Resp: 873

Ion Ratio Lower Upper

128 100

127 10.0 10.2 15.2#

129 7.9 8.6 13.0#

