

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031224.D
 Acq On : 08 Sep 2022 20:11
 Operator : JC/MD
 Sample : N4505-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-108

Quant Time: Sep 09 01:11:10 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)

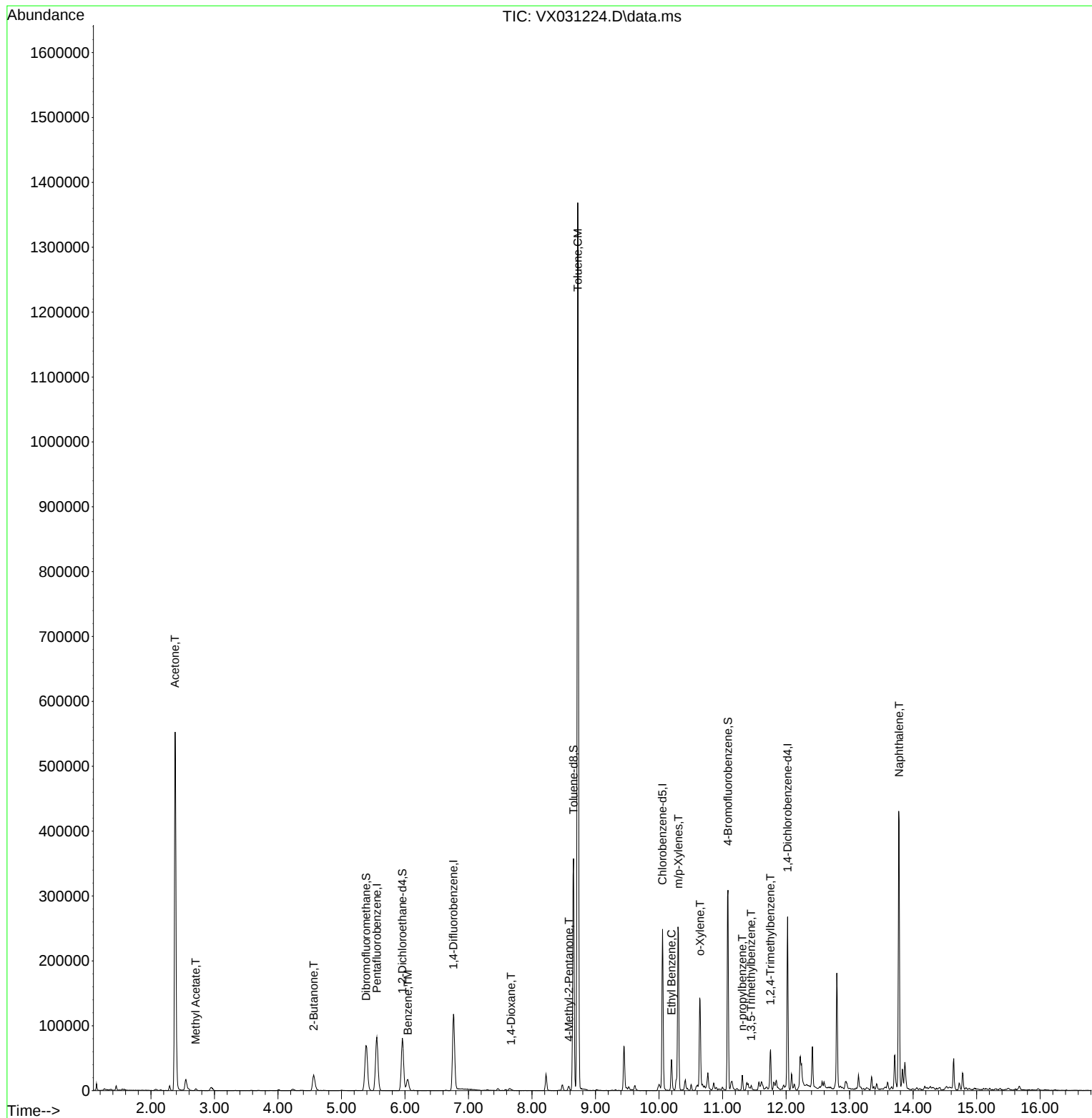
Internal Standards						
1) Pentafluorobenzene	5.556	168	65678	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	112328	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104412	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87463	56.248	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.500%
35) Dibromofluoromethane	5.385	113	61018	49.848	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.700%
50) Toluene-d8	8.653	98	213110	47.919	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.840%
62) 4-Bromofluorobenzene	11.085	95	87111	53.449	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.900%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	584791	1086.158	ug/l	89
18) Methyl Acetate	2.703	43	3373	2.420	ug/l	94
25) 2-Butanone	4.562	43	36409	45.654	ug/l	95
40) Benzene	6.044	78	20713	4.159	ug/l	96
49) 1,4-Dioxane	7.671	88	1021	29.622	ug/l	# 81
51) 4-Methyl-2-Pentanone	8.580	43	3640	2.318	ug/l	98
52) Toluene	8.720	92	507441	154.495	ug/l	98
67) Ethyl Benzene	10.195	91	27611	4.956	ug/l	92
68) m/p-Xylenes	10.305	106	58363	28.261	ug/l	90
69) o-Xylene	10.646	106	29961	14.537	ug/l	80
78) n-propylbenzene	11.311	91	8758	1.741	ug/l	# 61
80) 1,3,5-Trimethylbenzene	11.451	105	3071	0.828	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	24511	6.796	ug/l	84
95) Naphthalene	13.780	128	266351	66.511	ug/l	99

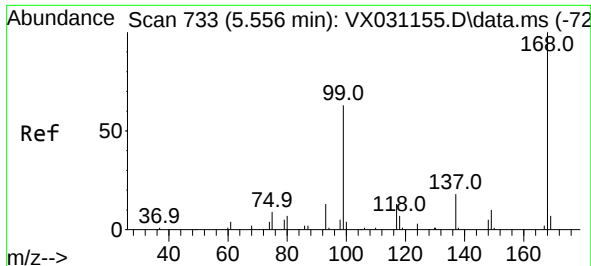
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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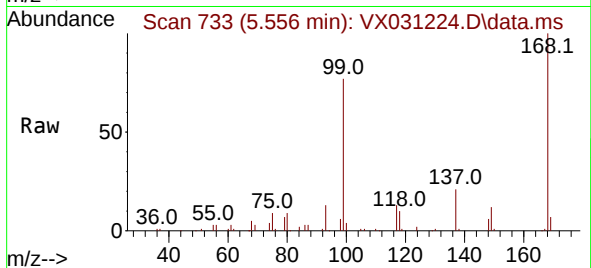
Quant Time: Sep 09 01:11:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



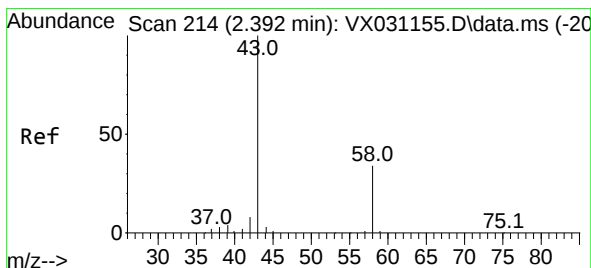
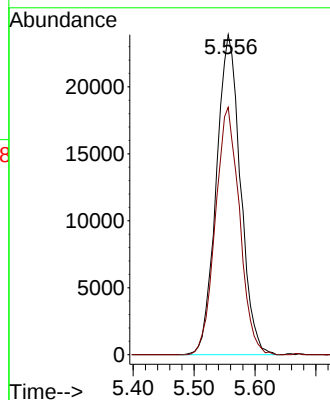
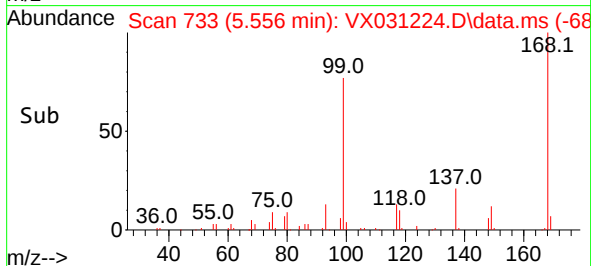


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031224.D
Acq: 08 Sep 2022 20:11

Instrument :
MSVOA_X
ClientSampleId :
CLI-108

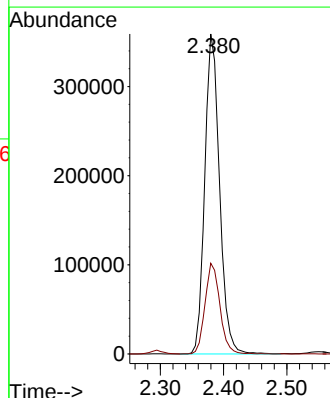
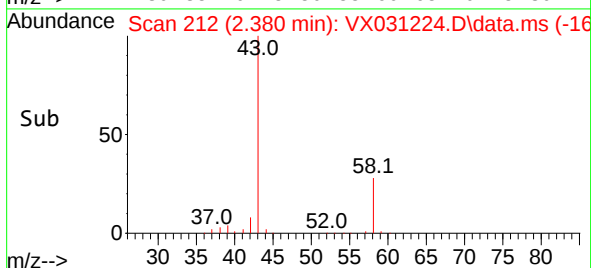
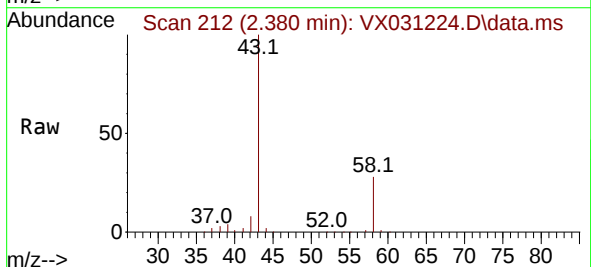


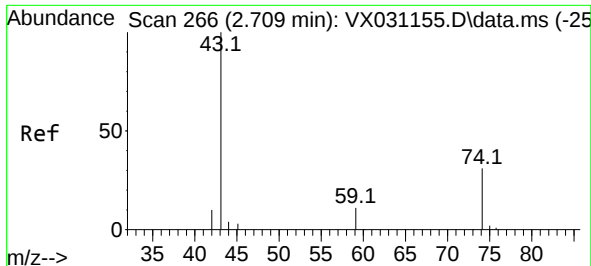
Tgt Ion:168 Resp: 65678
Ion Ratio Lower Upper
168 100
99 77.3 44.0 66.0#



#16
Acetone
Concen: 1086.158 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX031224.D
Acq: 08 Sep 2022 20:11

Tgt Ion: 43 Resp: 584791
Ion Ratio Lower Upper
43 100
58 28.3 27.7 41.5

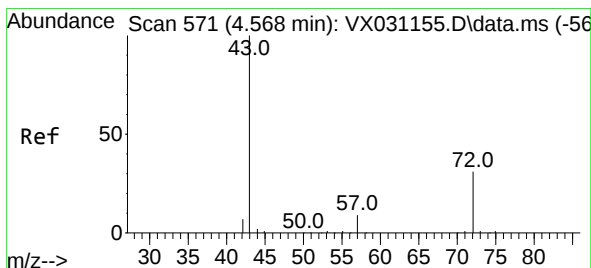
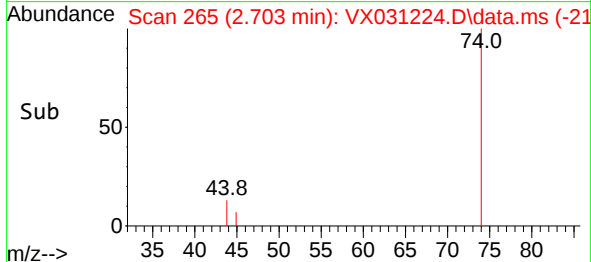
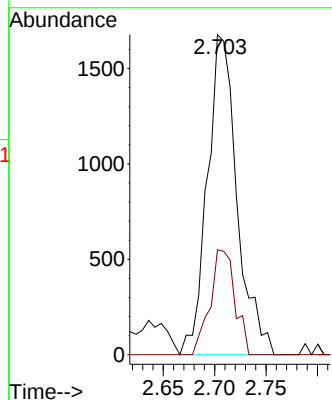
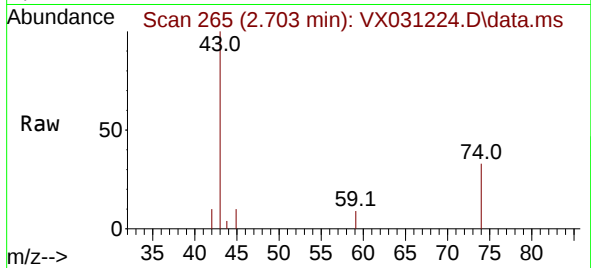




#18
Methyl Acetate
Concen: 2.420 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031224.D
Acq: 08 Sep 2022 20:11

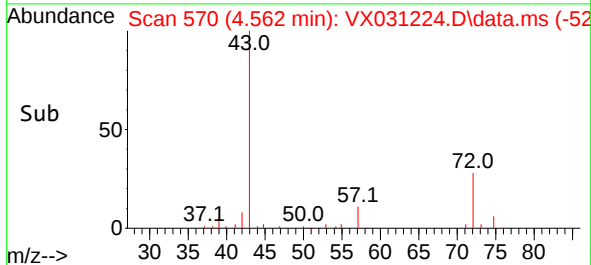
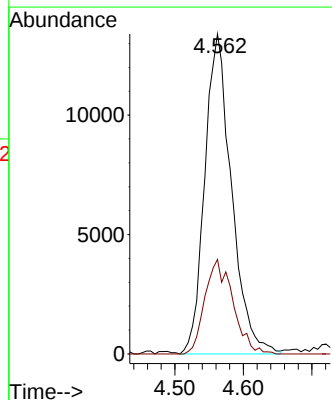
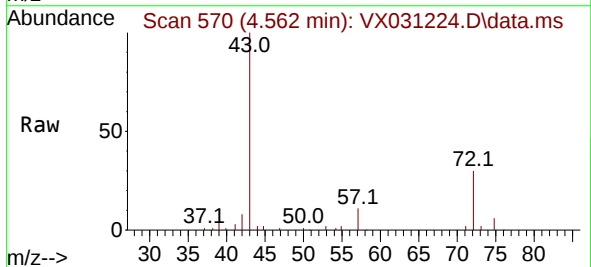
Instrument :
MSVOA_X
ClientSampleId :
CLI-108

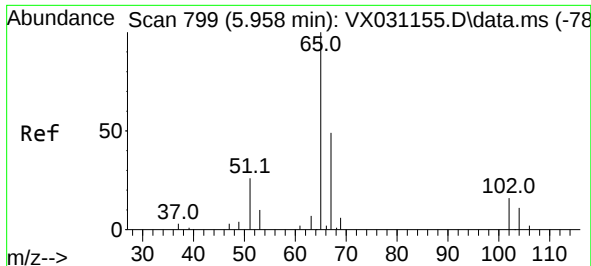
Tgt Ion: 43 Resp: 3373
Ion Ratio Lower Upper
43 100
74 27.4 19.4 29.2



#25
2-Butanone
Concen: 45.654 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX031224.D
Acq: 08 Sep 2022 20:11

Tgt Ion: 43 Resp: 36409
Ion Ratio Lower Upper
43 100
72 29.5 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 56.248 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031224.D

Acq: 08 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

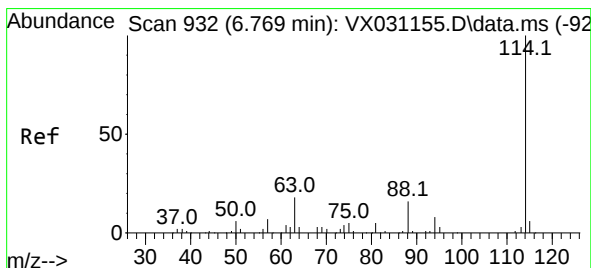
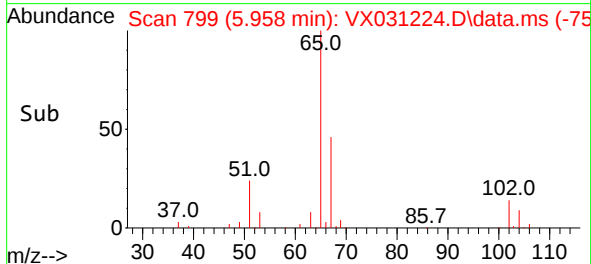
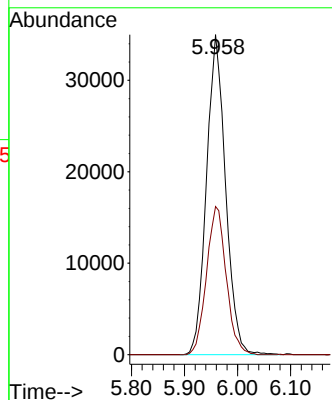
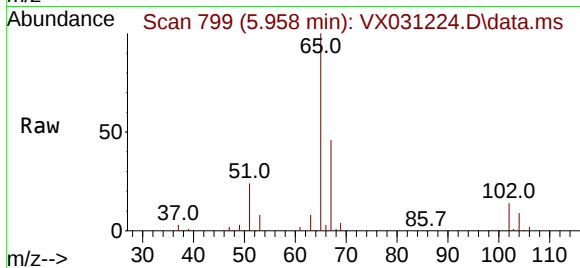
CLI-108

Tgt Ion: 65 Resp: 87463

Ion Ratio Lower Upper

65 100

67 47.8 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: VX031224.D

Acq: 08 Sep 2022 20:11

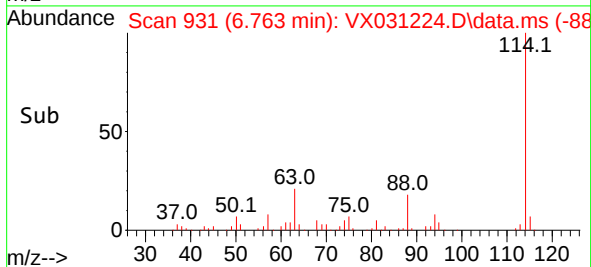
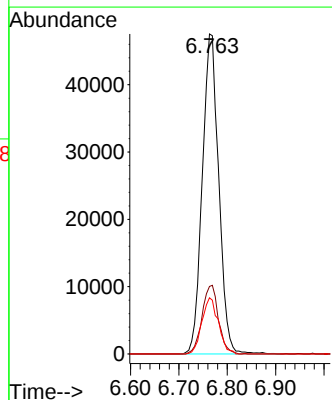
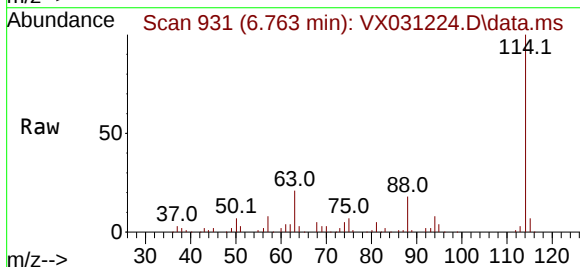
Tgt Ion: 114 Resp: 112328

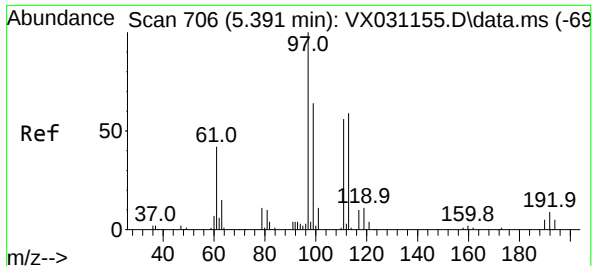
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.4

88 17.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.848 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031224.D

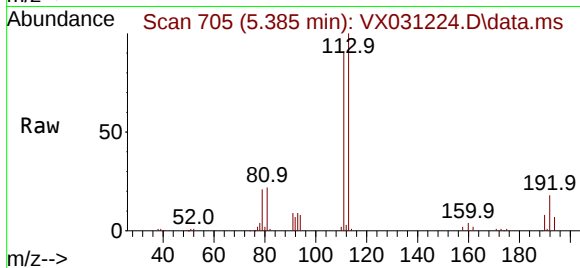
Acq: 08 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

CLI-108



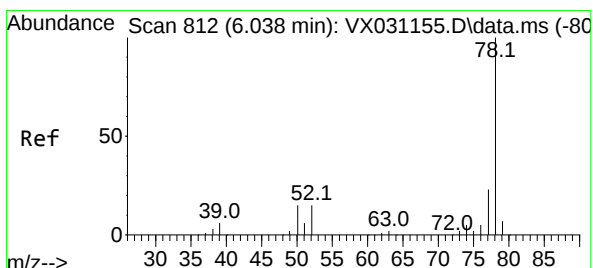
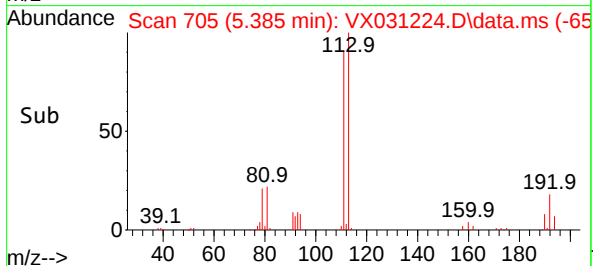
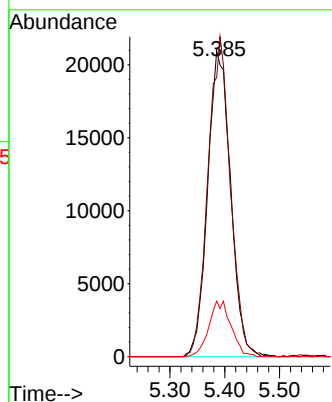
Tgt Ion:113 Resp: 61018

Ion Ratio Lower Upper

113 100

111 102.1 83.2 124.8

192 17.6 14.8 22.2



#40

Benzene

Concen: 4.159 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX031224.D

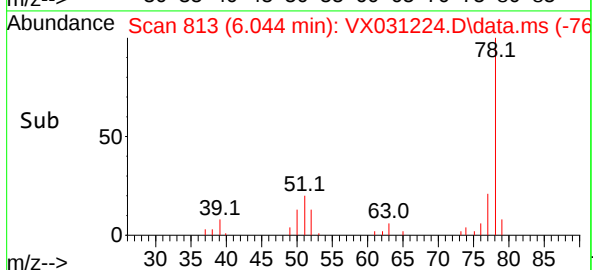
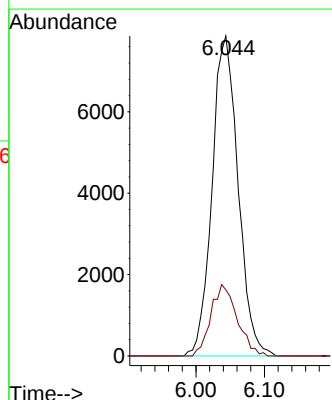
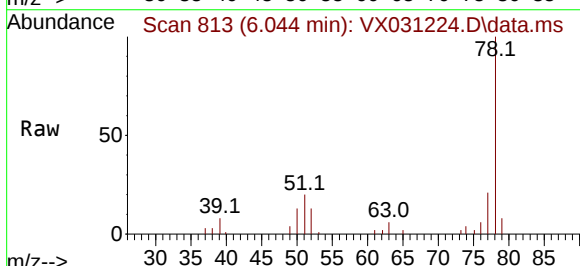
Acq: 08 Sep 2022 20:11

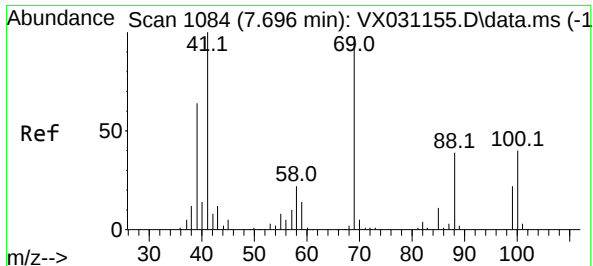
Tgt Ion: 78 Resp: 20713

Ion Ratio Lower Upper

78 100

77 20.7 18.0 27.0





#49

1,4-Dioxane

Concen: 29.622 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. -0.024 min

Lab File: VX031224.D

Acq: 08 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

CLI-108

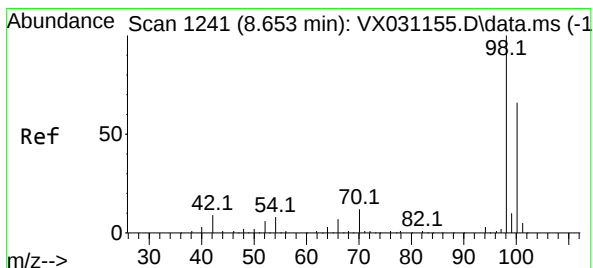
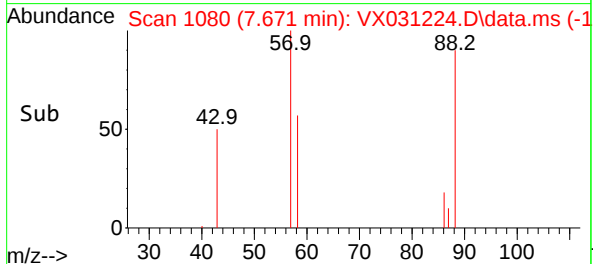
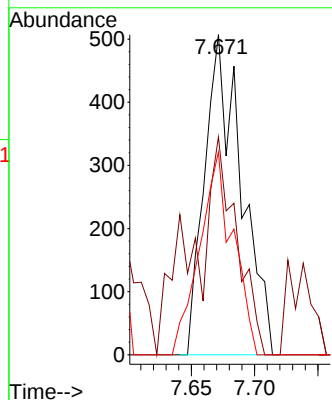
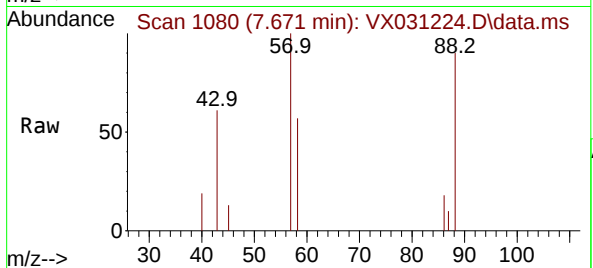
Tgt Ion: 88 Resp: 1021

Ion Ratio Lower Upper

88 100

43 49.5 23.8 35.8#

58 58.1 53.8 80.6



#50

Toluene-d8

Concen: 47.919 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX031224.D

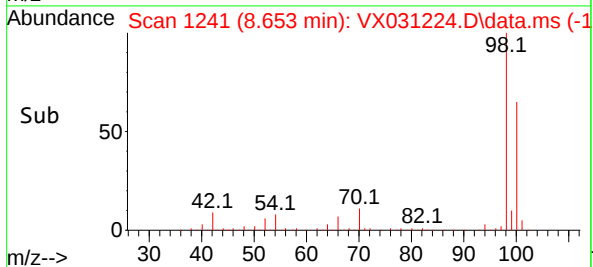
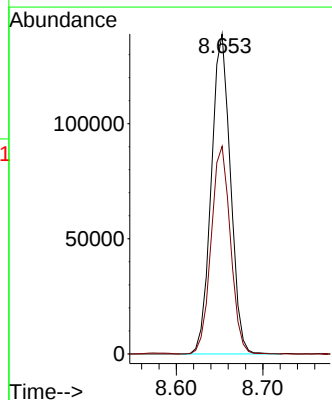
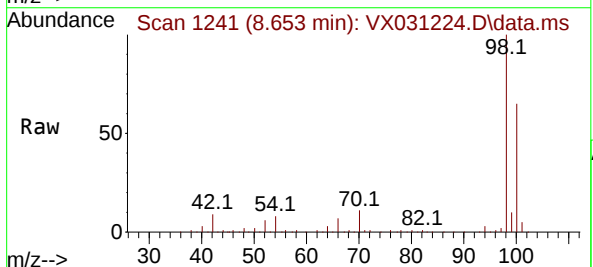
Acq: 08 Sep 2022 20:11

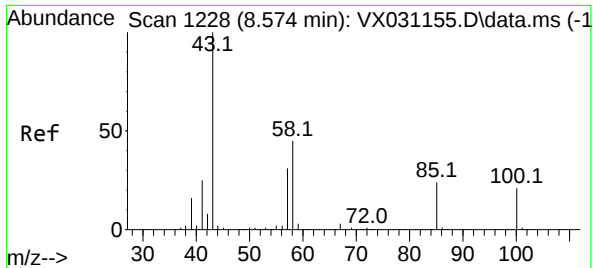
Tgt Ion: 98 Resp: 213110

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5

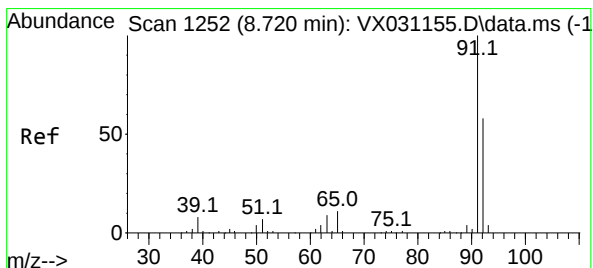
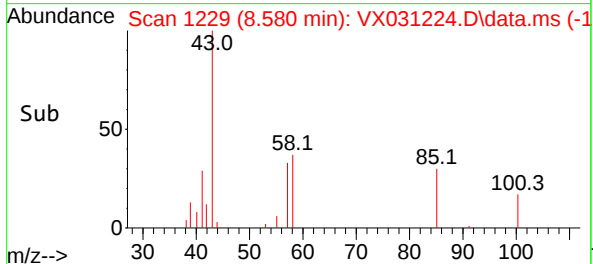
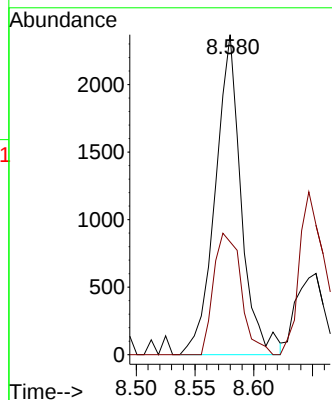
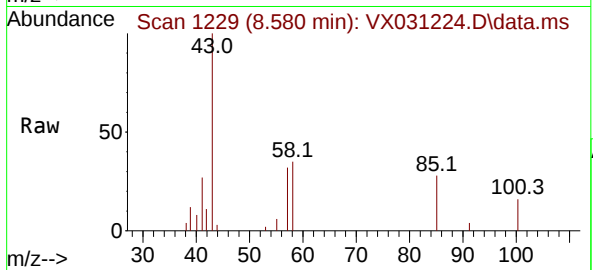




#51
4-Methyl-2-Pentanone
Concen: 2.318 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX031224.D
Acq: 08 Sep 2022 20:11

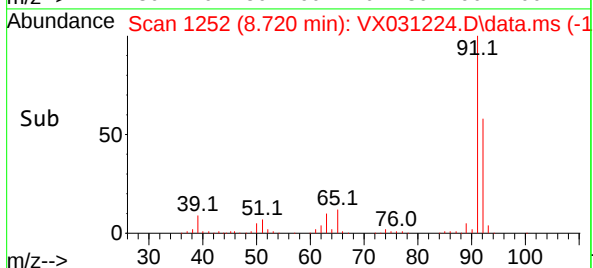
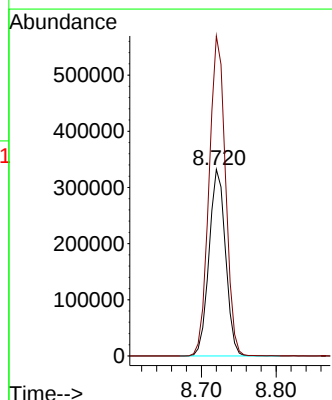
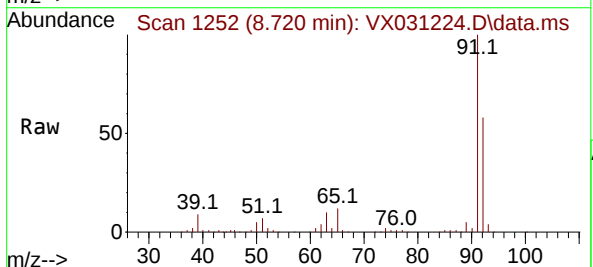
Instrument :
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CLI-108

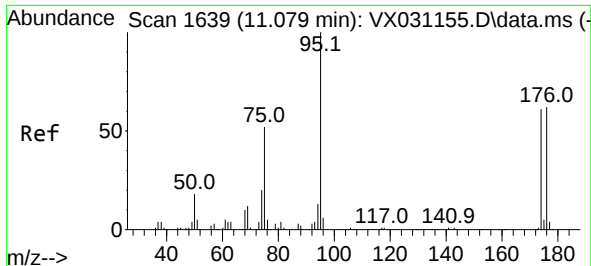
Tgt Ion: 43 Resp: 3640
Ion Ratio Lower Upper
43 100
58 40.4 31.4 47.2



#52
Toluene
Concen: 154.495 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX031224.D
Acq: 08 Sep 2022 20:11

Tgt Ion: 92 Resp: 507441
Ion Ratio Lower Upper
92 100
91 171.3 139.2 208.8





#62

4-Bromofluorobenzene

Concen: 53.449 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031224.D

Acq: 08 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

CLI-108

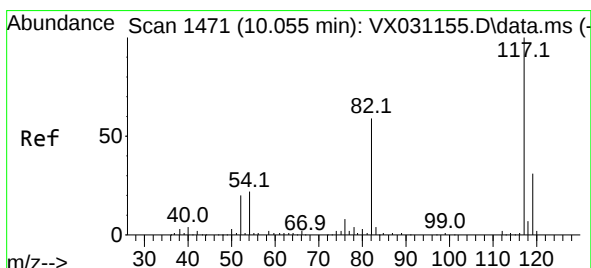
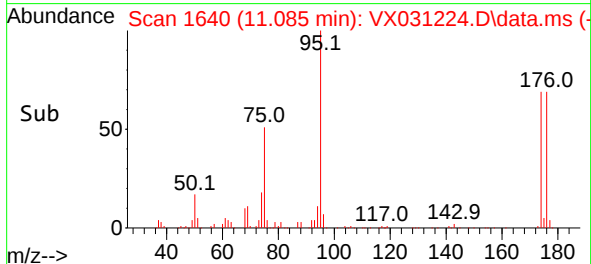
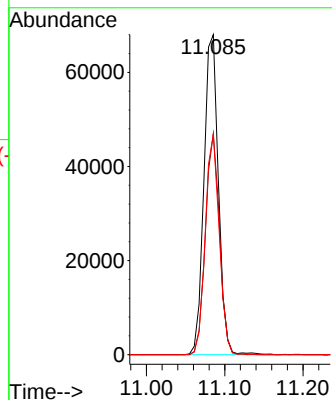
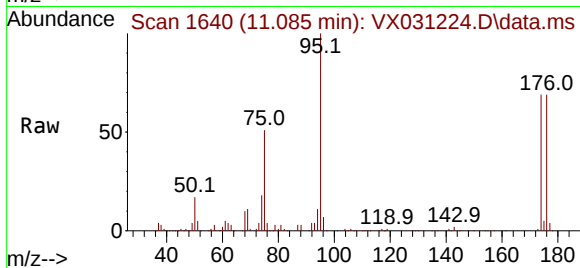
Tgt Ion: 95 Resp: 87111

Ion Ratio Lower Upper

95 100

174 67.3 0.0 149.0

176 66.4 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: VX031224.D

Acq: 08 Sep 2022 20:11

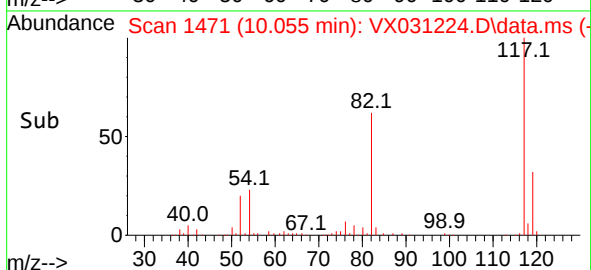
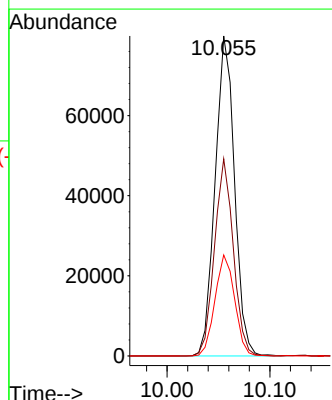
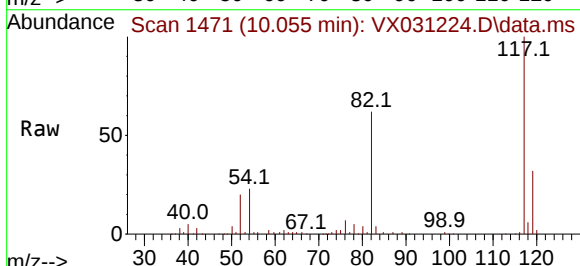
Tgt Ion: 117 Resp: 104412

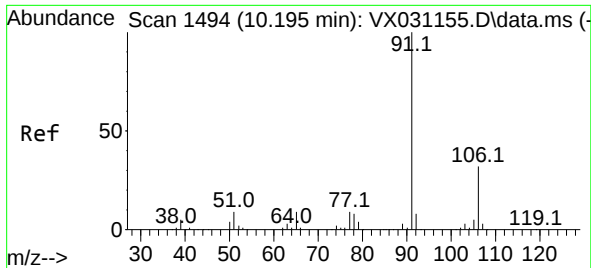
Ion Ratio Lower Upper

117 100

82 61.6 42.7 64.1

119 31.6 25.4 38.2

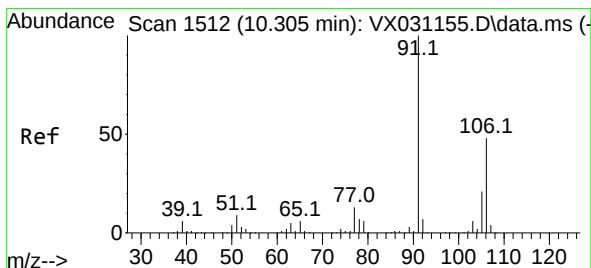
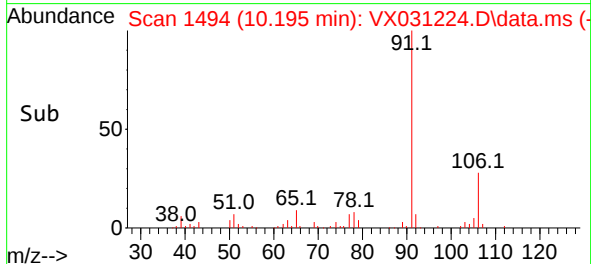
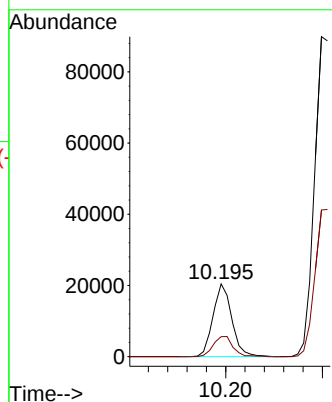
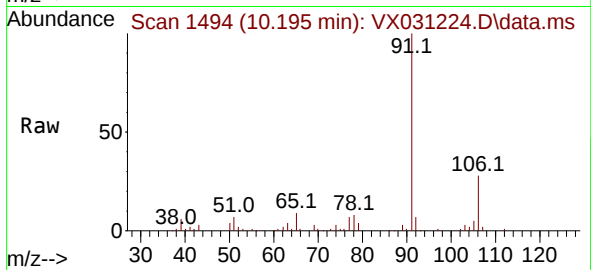




#67
Ethyl Benzene
Concen: 4.956 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX031224.D
Acq: 08 Sep 2022 20:11

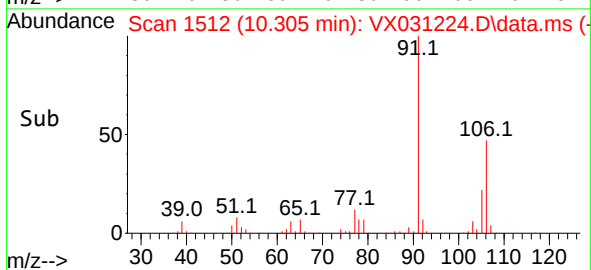
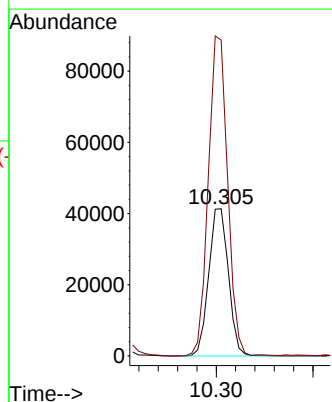
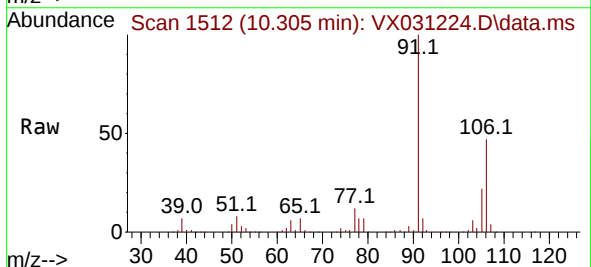
Instrument :
MSVOA_X
ClientSampleId :
CLI-108

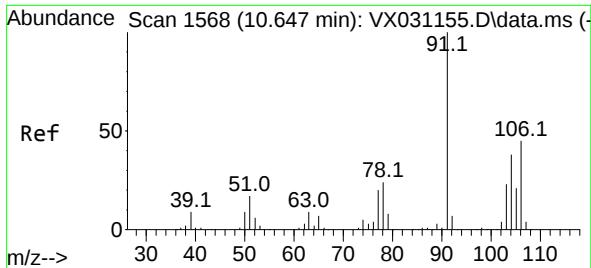
Tgt Ion: 91 Resp: 27611
Ion Ratio Lower Upper
91 100
106 27.5 25.5 38.3



#68
m/p-Xylenes
Concen: 28.261 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX031224.D
Acq: 08 Sep 2022 20:11

Tgt Ion: 106 Resp: 58363
Ion Ratio Lower Upper
106 100
91 213.4 158.2 237.4

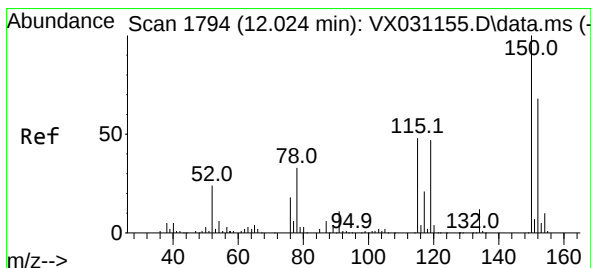
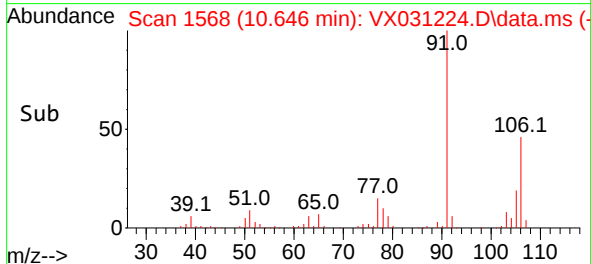
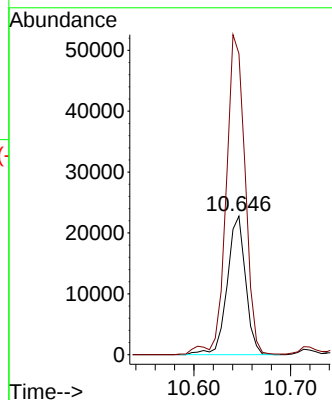
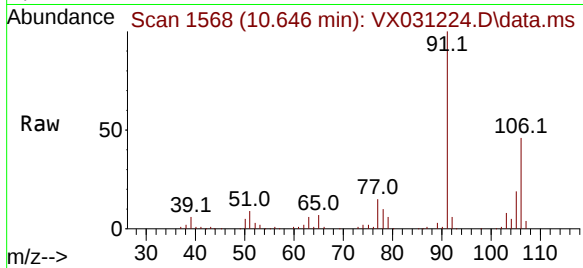




#69
o-Xylene
Concen: 14.537 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031224.D
Acq: 08 Sep 2022 20:11

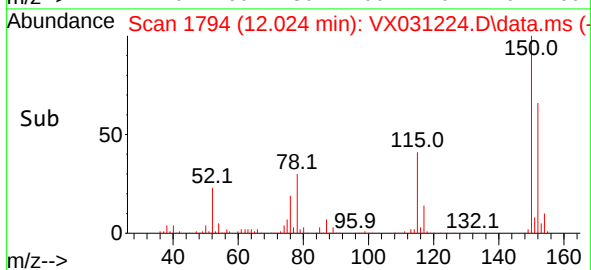
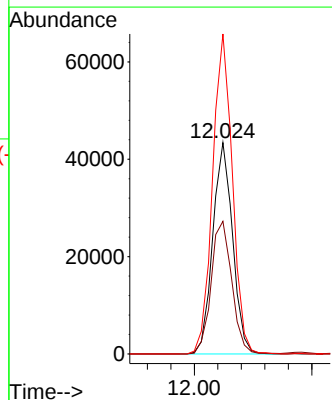
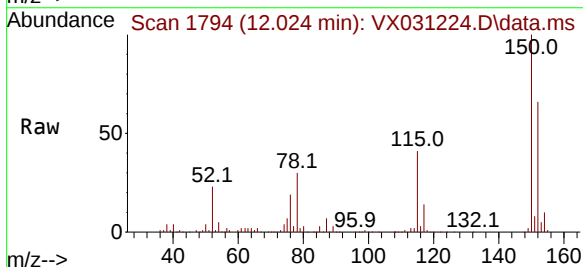
Instrument :
MSVOA_X
ClientSampleId :
CLI-108

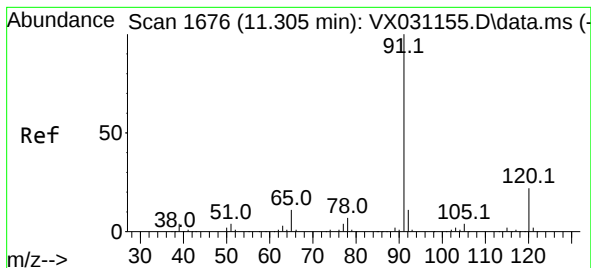
Tgt Ion:106 Resp: 29961
Ion Ratio Lower Upper
106 100
91 238.4 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031224.D
Acq: 08 Sep 2022 20:11

Tgt Ion:152 Resp: 50821
Ion Ratio Lower Upper
152 100
115 65.4 40.5 121.5
150 150.8 0.0 347.0





#78

n-propylbenzene

Concen: 1.741 ug/l

RT: 11.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031224.D

Acq: 08 Sep 2022 20:11

Instrument :

MSVOA_X

ClientSampleId :

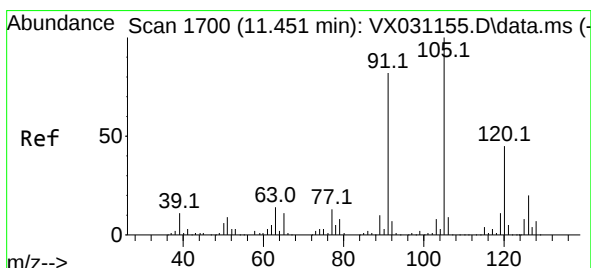
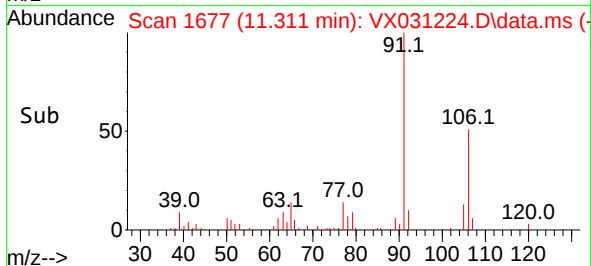
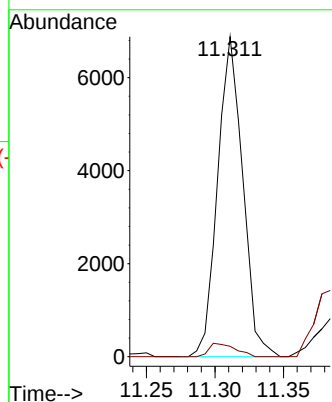
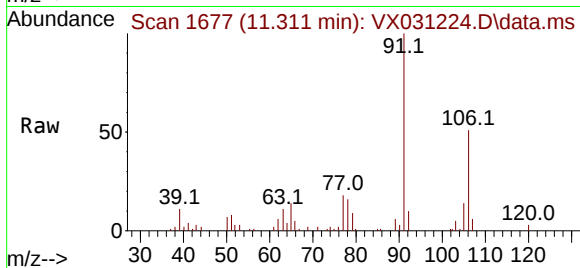
CLI-108

Tgt Ion: 91 Resp: 8758

Ion Ratio Lower Upper

91 100

120 4.4 11.6 34.8#



#80

1,3,5-Trimethylbenzene

Concen: 0.828 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX031224.D

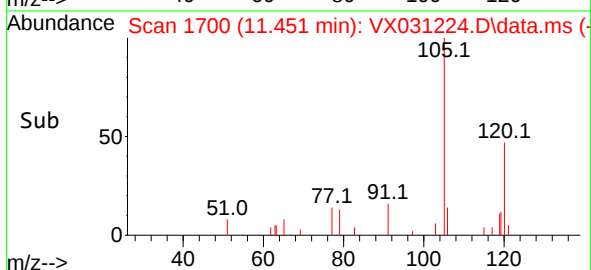
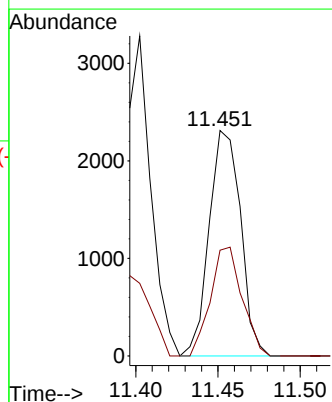
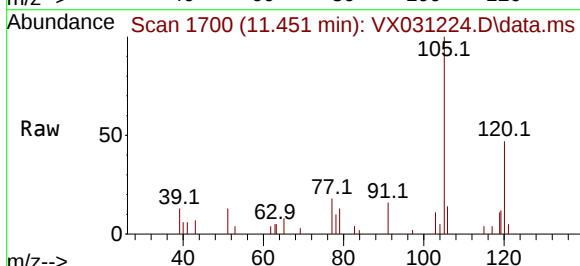
Acq: 08 Sep 2022 20:11

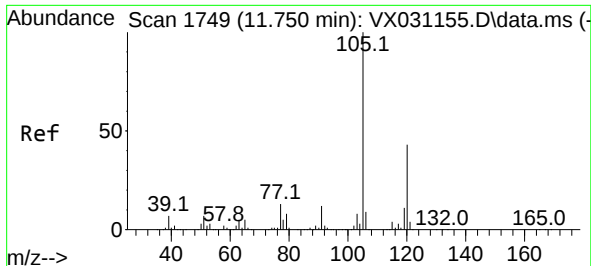
Tgt Ion: 105 Resp: 3071

Ion Ratio Lower Upper

105 100

120 48.6 24.4 73.2

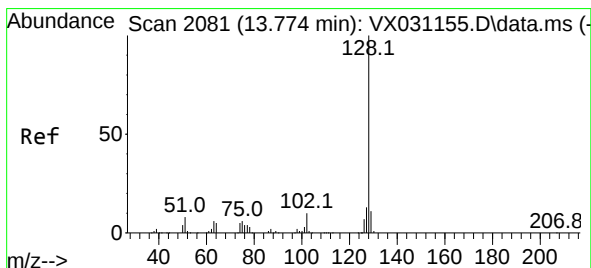
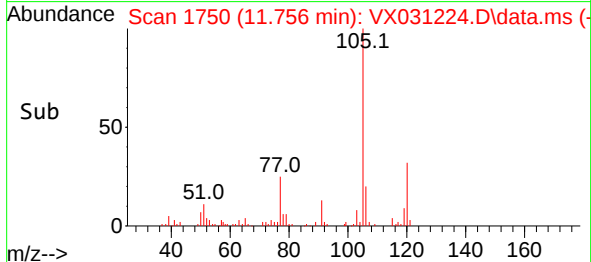
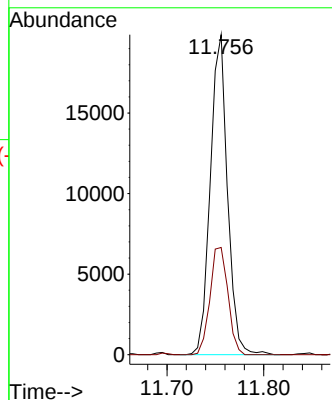
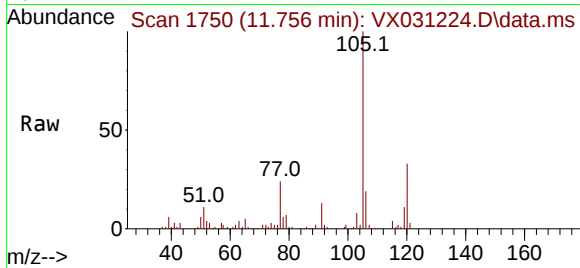




#84
 1,2,4-Trimethylbenzene
 Concen: 6.796 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX031224.D
 Acq: 08 Sep 2022 20:11

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-108

Tgt Ion:105 Resp: 24511
 Ion Ratio Lower Upper
 105 100
 120 35.0 22.9 68.8



#95
 Naphthalene
 Concen: 66.511 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX031224.D
 Acq: 08 Sep 2022 20:11

Tgt Ion:128 Resp: 266351
 Ion Ratio Lower Upper
 128 100
 127 12.5 10.2 15.2
 129 11.2 8.6 13.0

