

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090822\
 Data File : VX031228.D
 Acq On : 08 Sep 2022 21:45
 Operator : JC/MD
 Sample : N4505-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-0111

Quant Time: Sep 09 01:12:02 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)

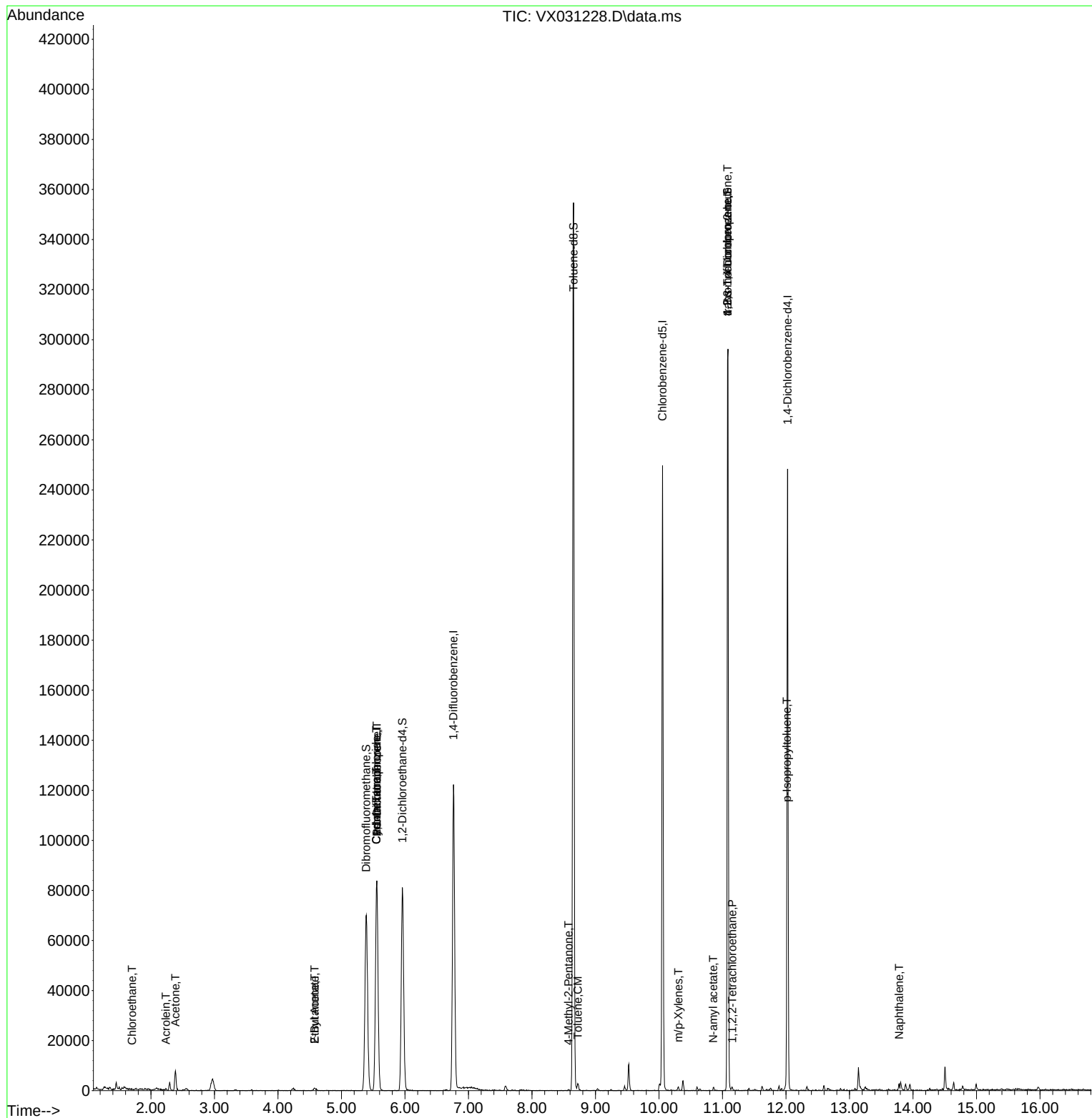
Internal Standards						
1) Pentafluorobenzene	5.556	168	67135	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121307	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46896	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91074	57.299	ug/l	0.00
Spiked Amount 50.000	Range 74	- 125	Recovery	=	114.600%	
35) Dibromofluoromethane	5.385	113	60974	46.125	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	92.260%	
50) Toluene-d8	8.653	98	213087	44.367	ug/l	0.00
Spiked Amount 50.000	Range 86	- 113	Recovery	=	88.740%	
62) 4-Bromofluorobenzene	11.079	95	83566	47.478	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	94.960%	
Target Compounds						
						Qvalue
6) Chloroethane	1.703	64	175	0.319	ug/l	# 41
11) Tert butyl alcohol	2.971	59	7108	Below Cal	#	91
13) Acrolein	2.233	56	478	2.165	ug/l	# 69
16) Acetone	2.386	43	8348	15.169	ug/l	88
25) 2-Butanone	4.574	43	672	0.824	ug/l	93
31) Cyclohexane	5.550	56	1610	0.906	ug/l	# 11
36) 1,1-Dichloropropene	5.556	75	6423	3.244	ug/l	# 47
37) Ethyl Acetate	4.574	43	672	0.383	ug/l	# 67
38) Carbon Tetrachloride	5.550	117	8828	4.238	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.574	43	386	0.228	ug/l	# 57
52) Toluene	8.720	92	1229	0.346	ug/l	82
68) m/p-Xylenes	10.305	106	450	0.217	ug/l	98
74) N-amyl acetate	10.854	43	269	0.207	ug/l	# 28
75) 1,1,2,2-Tetrachloroethane	11.153	83	515	0.405	ug/l	# 25
76) 1,2,3-Trichloropropane	11.079	75	46373	36.233	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	46373	116.846	ug/l	# 12
86) p-Isopropyltoluene	12.012	119	1389	0.411	ug/l	# 75
95) Naphthalene	13.780	128	1949	0.527	ug/l	# 96

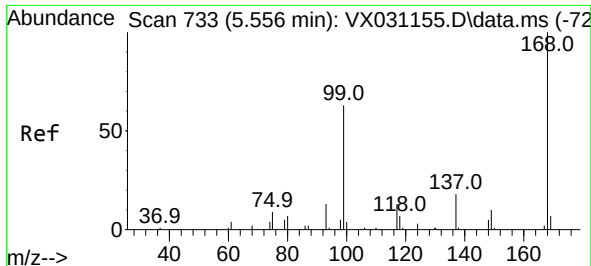
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CLI-0111

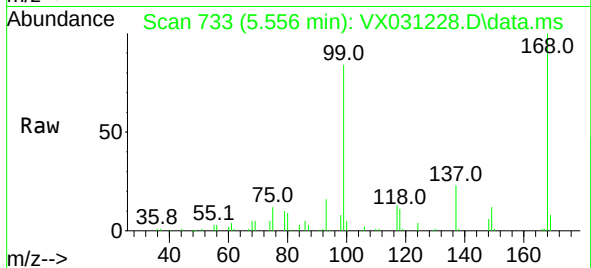
Quant Time: Sep 09 01:12:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



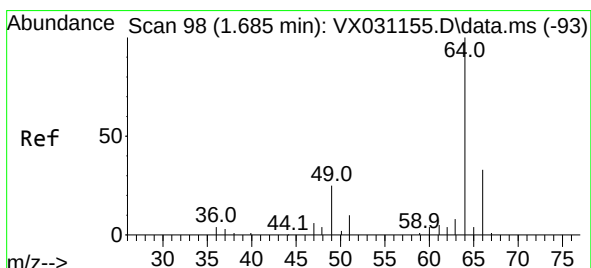
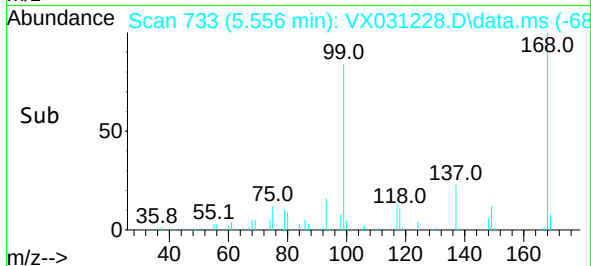
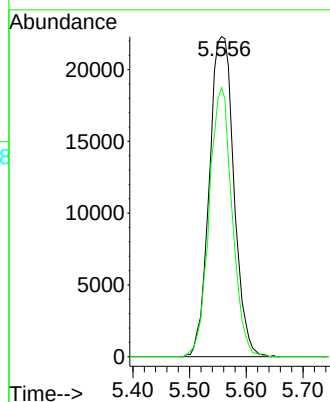


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Instrument :
MSVOA_X
ClientSampleId :
CLI-0111

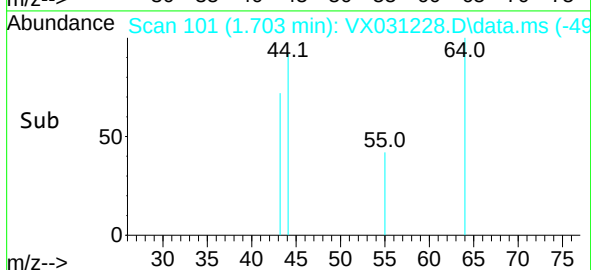
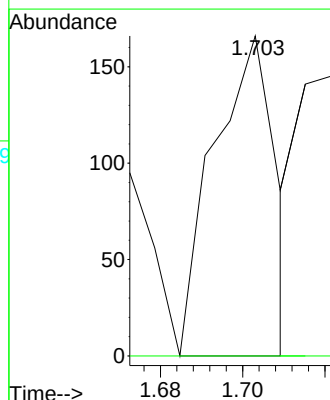
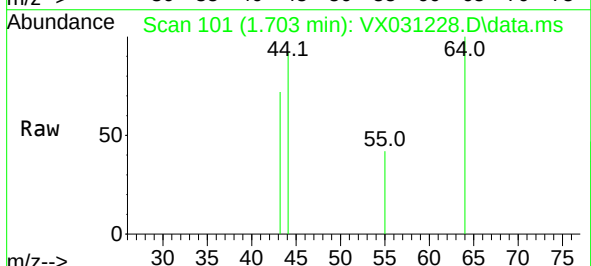


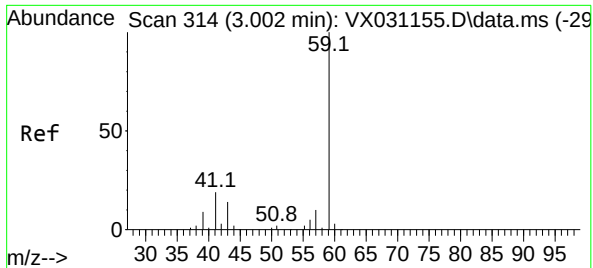
Tgt Ion:168 Resp: 67135
Ion Ratio Lower Upper
168 100
99 84.0 44.0 66.0#



#6
Chloroethane
Concen: 0.319 ug/l
RT: 1.703 min Scan# 101
Delta R.T. 0.018 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion: 64 Resp: 175
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

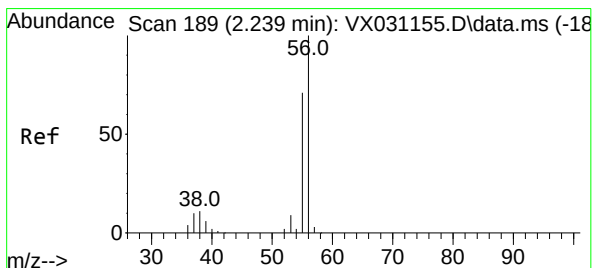
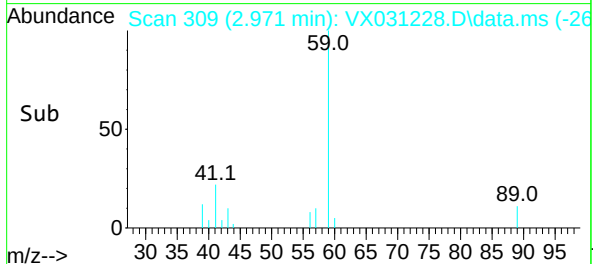
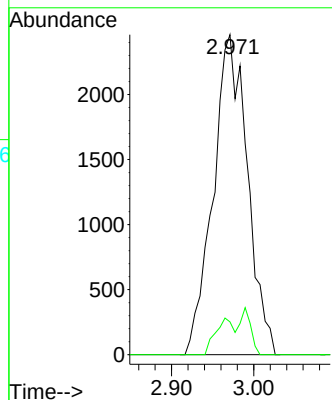
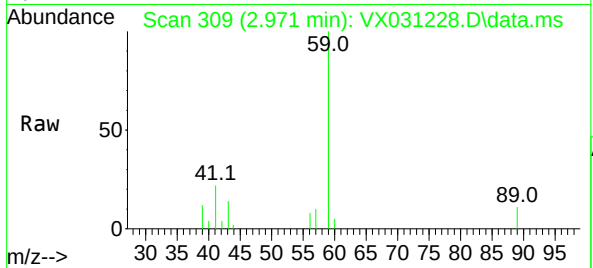




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.971 min Scan# 309
Delta R.T. -0.031 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

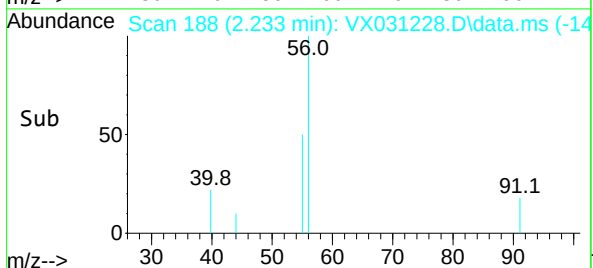
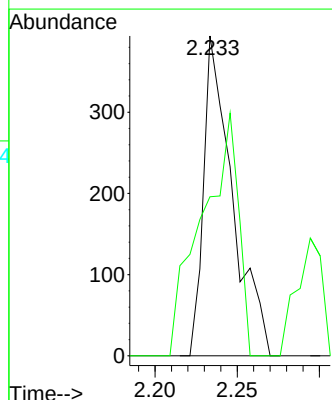
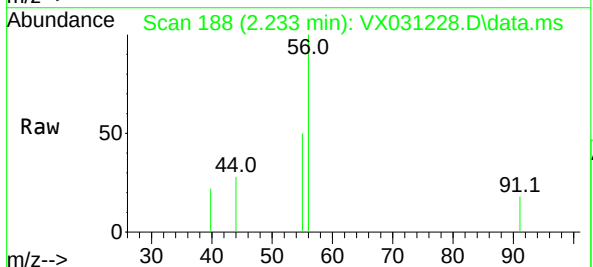
Instrument :
MSVOA_X
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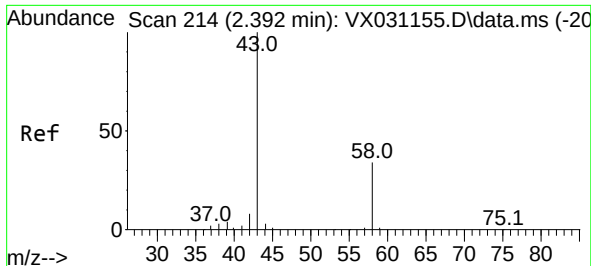
Tgt Ion: 59 Resp: 7108
Ion Ratio Lower Upper
59 100
57 6.2 7.4 11.2#



#13
Acrolein
Concen: 2.165 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion: 56 Resp: 478
Ion Ratio Lower Upper
56 100
55 96.4 56.6 84.8#

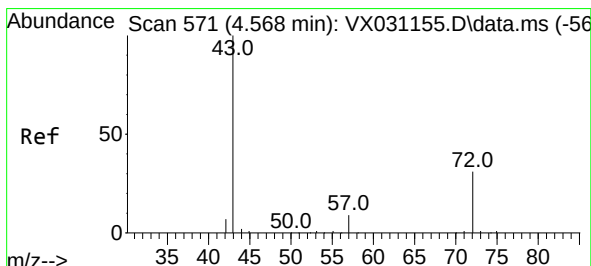
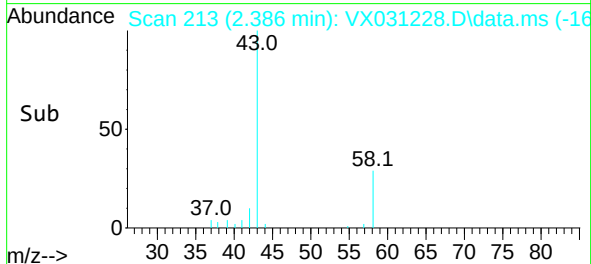
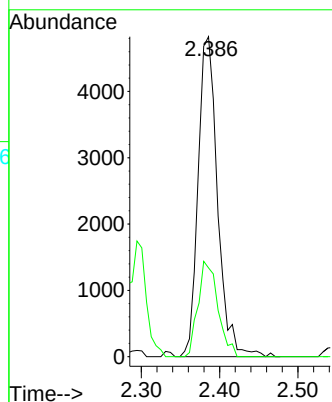
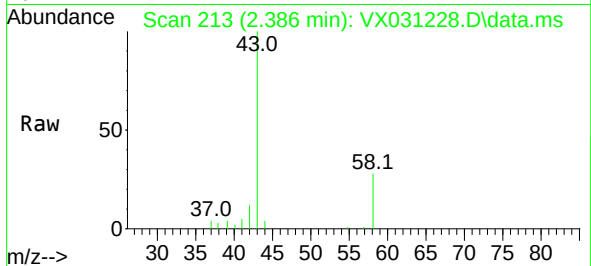




#16
Acetone
Concen: 15.169 ug/l
RT: 2.386 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

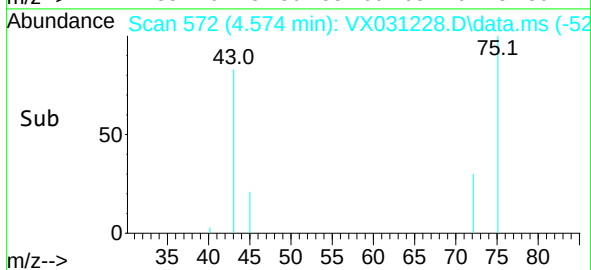
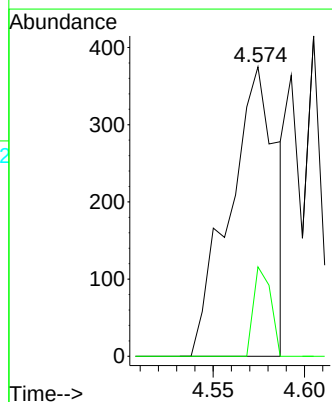
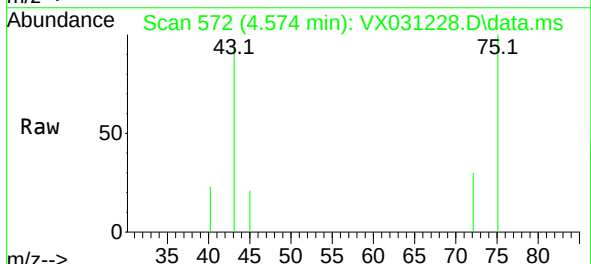
Instrument :
MSVOA_X
ClientSampleId :
CLI-0111

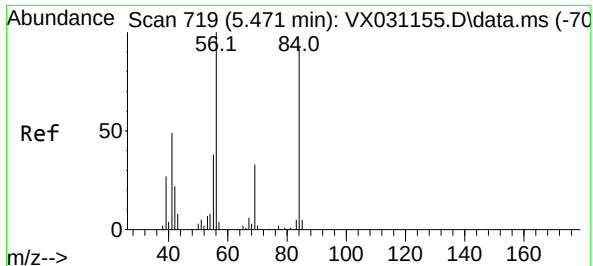
Tgt Ion: 43 Resp: 8348
Ion Ratio Lower Upper
43 100
58 27.8 27.7 41.5



#25
2-Butanone
Concen: 0.824 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
72 30.9 21.7 32.5





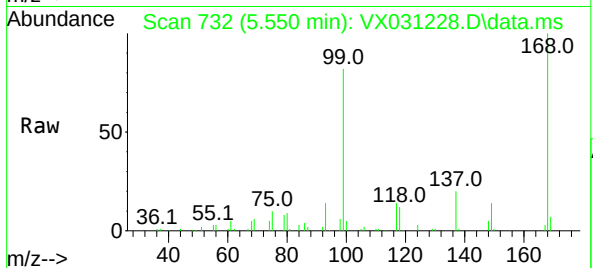
#31
Cyclohexane
Concen: 0.906 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Instrument :

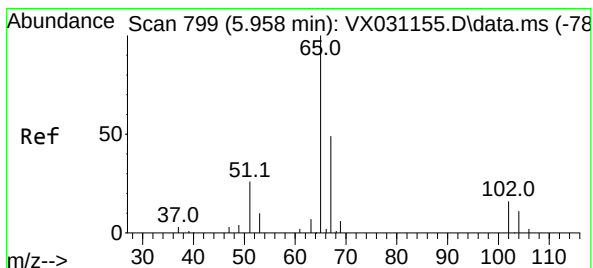
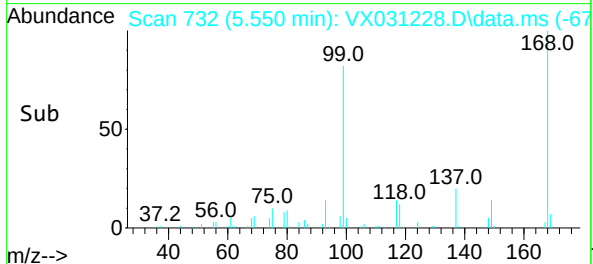
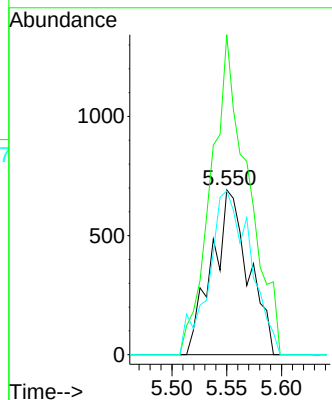
MSVOA_X

ClientSampleId :

CLI-0111

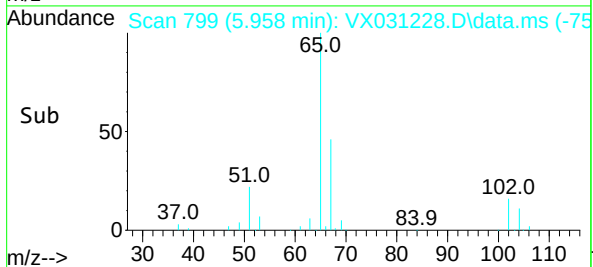
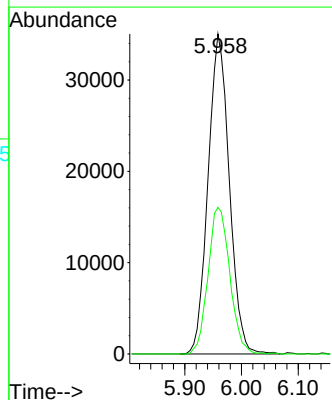
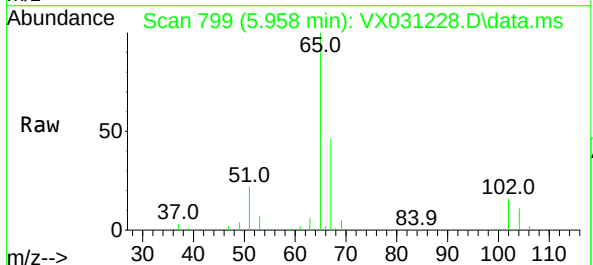


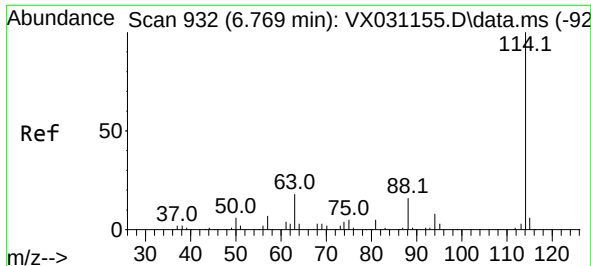
Tgt Ion: 56 Resp: 1610
Ion Ratio Lower Upper
56 100
69 194.1 25.4 38.0#
84 99.4 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 57.299 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion: 65 Resp: 91074
Ion Ratio Lower Upper
65 100
67 47.0 0.0 109.6

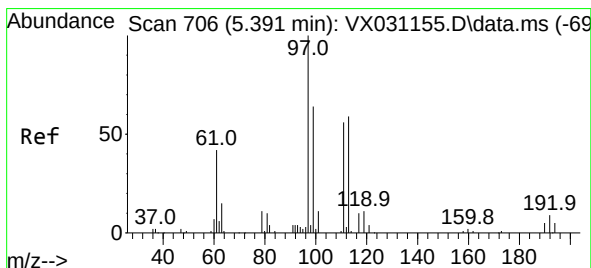
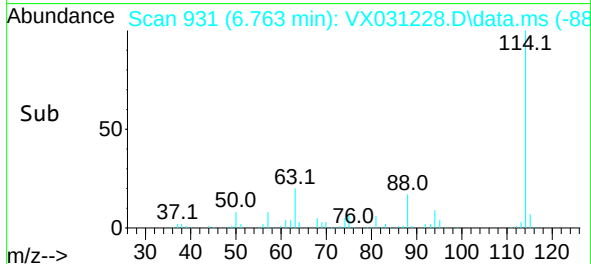
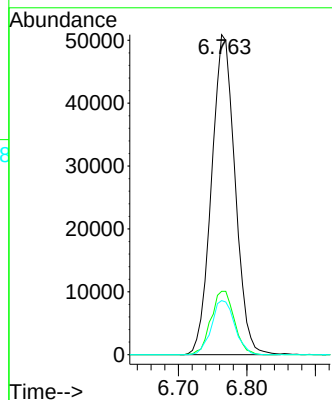
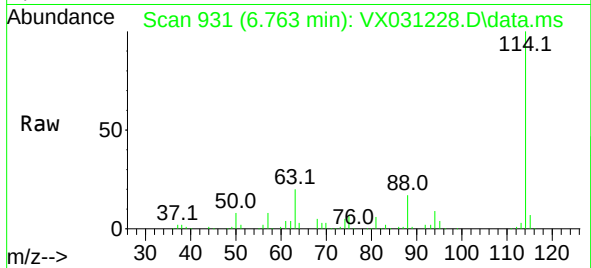




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

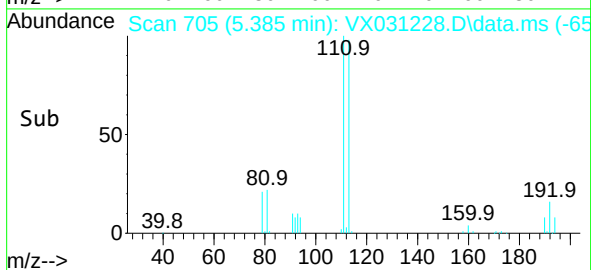
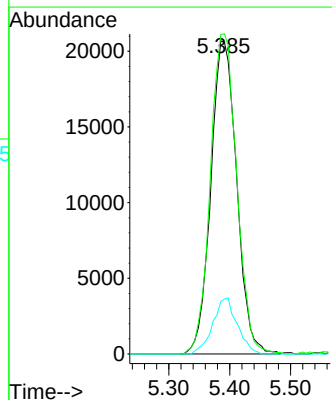
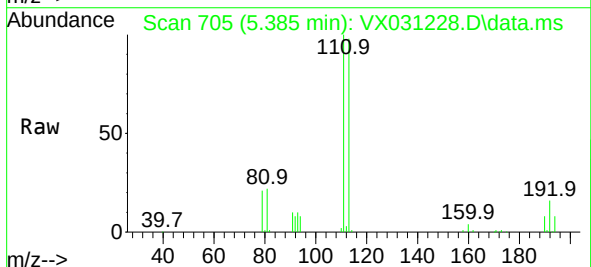
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ClientSampleId :
CLI-0111

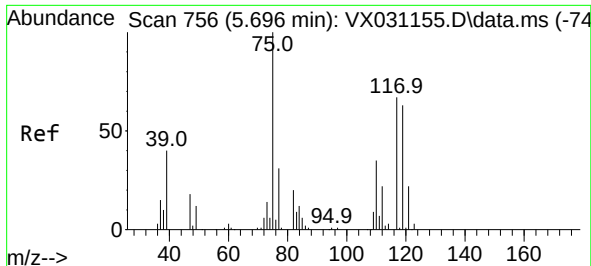
Tgt Ion:114 Resp: 121307
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 16.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.125 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion:113 Resp: 60974
Ion Ratio Lower Upper
113 100
111 104.3 83.2 124.8
192 16.8 14.8 22.2

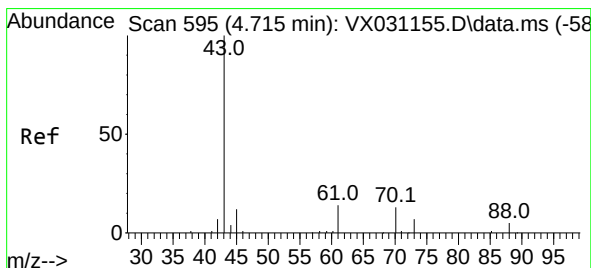
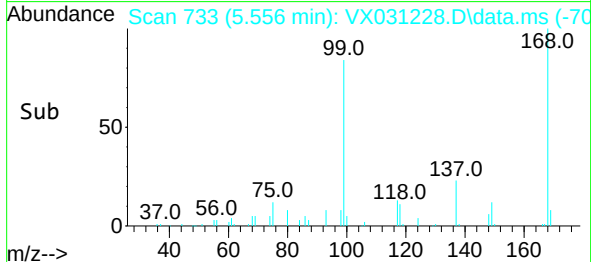
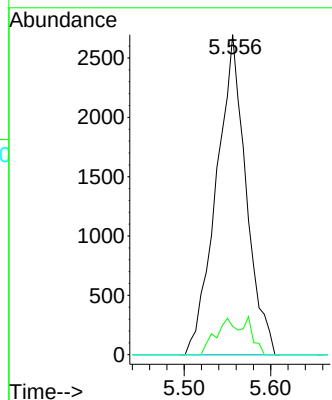
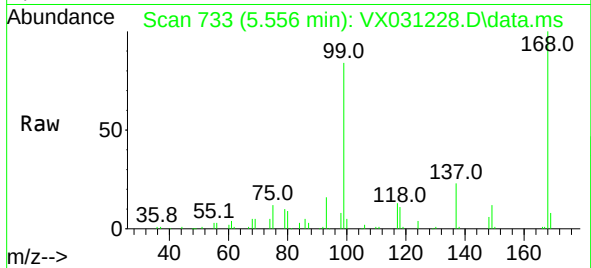




#36
1,1-Dichloropropene
Concen: 3.244 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

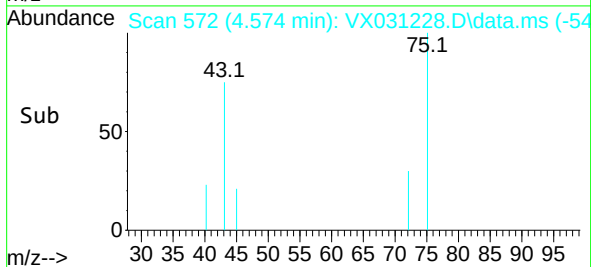
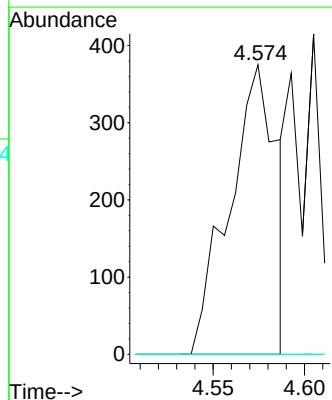
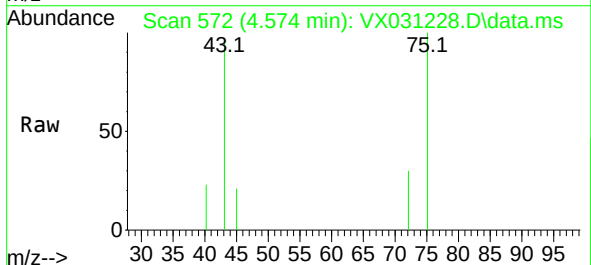
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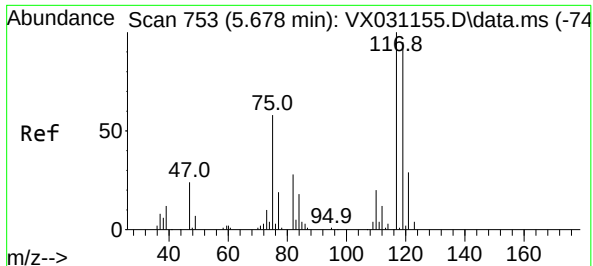
Tgt Ion: 75 Resp: 6423
Ion Ratio Lower Upper
75 100
110 8.0 19.3 57.9#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 0.383 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.140 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
61 0.0 11.7 17.5#
70 0.0 9.3 13.9#

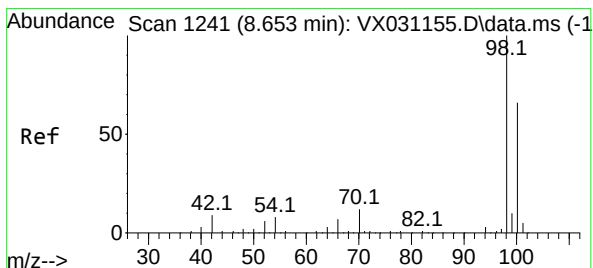
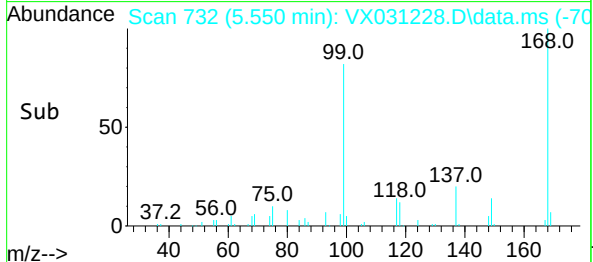
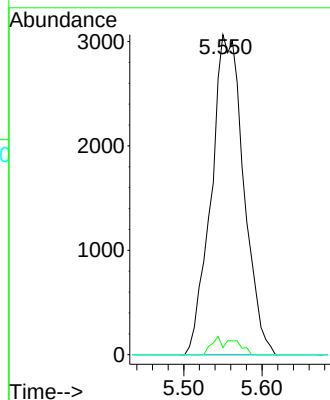
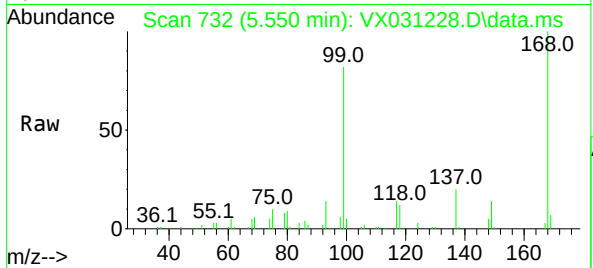




#38
Carbon Tetrachloride
Concen: 4.238 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

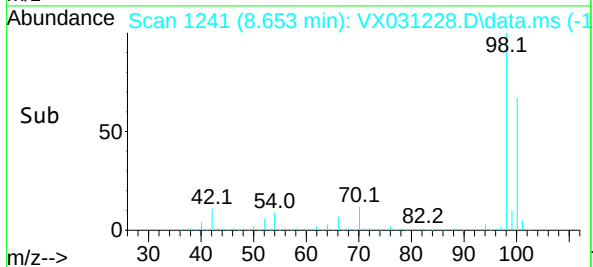
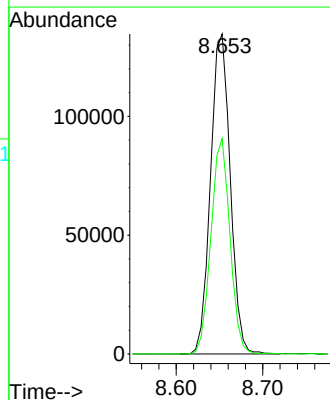
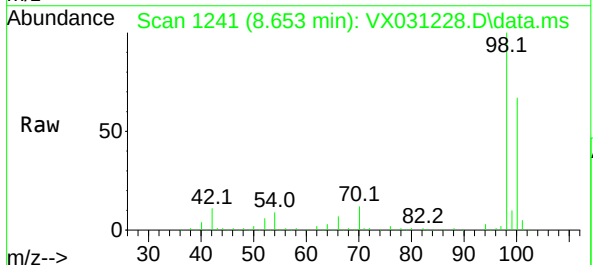
Instrument :
MSVOA_X
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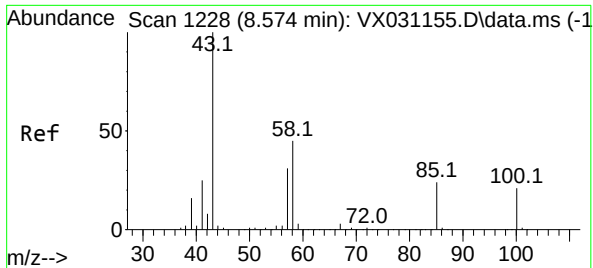
Tgt Ion:117 Resp: 8828
Ion Ratio Lower Upper
117 100
119 2.2 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 44.367 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion: 98 Resp: 213087
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

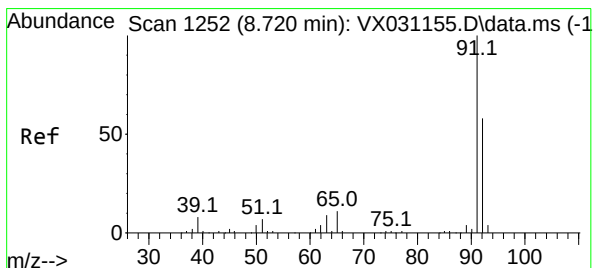
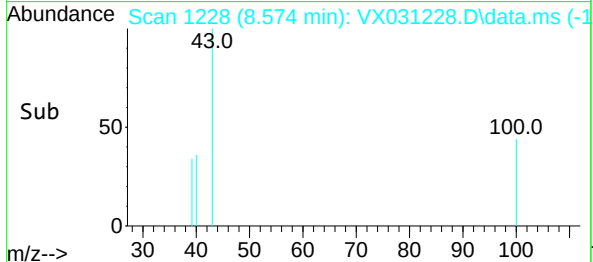
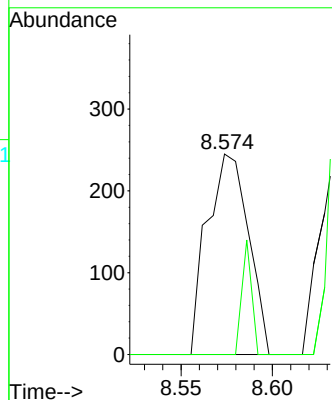
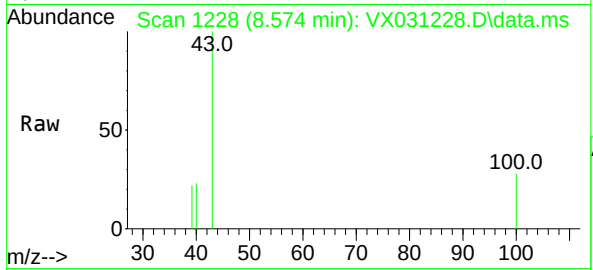




#51
4-Methyl-2-Pentanone
Concen: 0.228 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

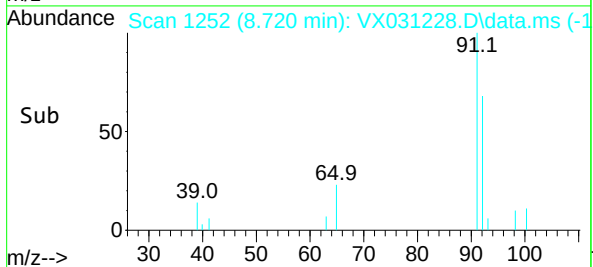
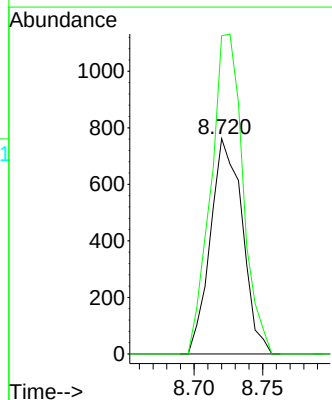
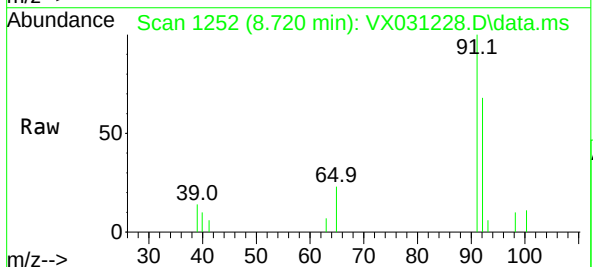
Instrument :
MSVOA_X
ClientSampleId :
CLI-0111

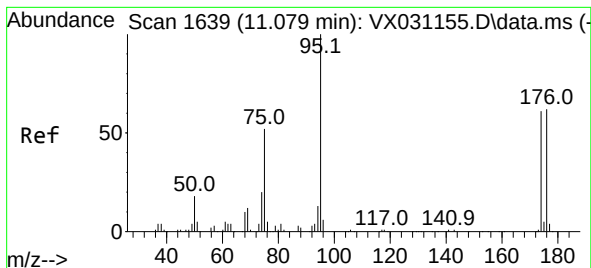
Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
58 13.2 31.4 47.2#



#52
Toluene
Concen: 0.346 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion: 92 Resp: 1229
Ion Ratio Lower Upper
92 100
91 149.5 139.2 208.8

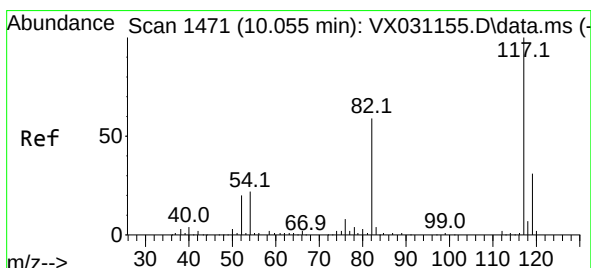
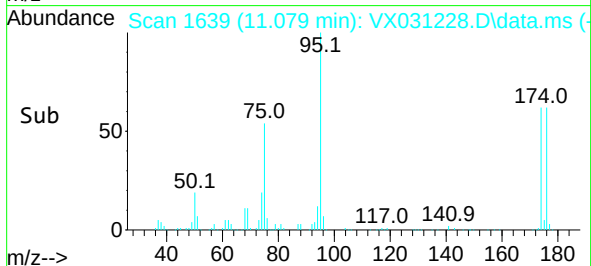
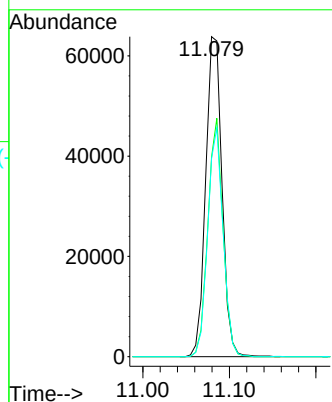
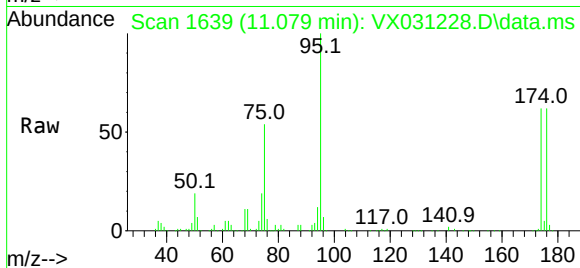




#62
4-Bromofluorobenzene
Concen: 47.478 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

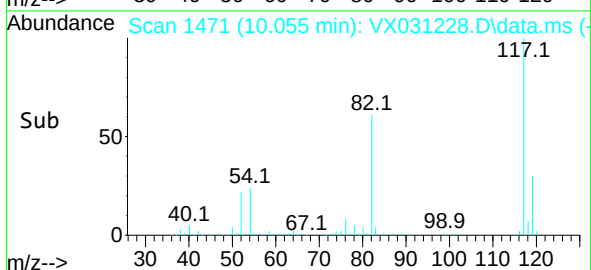
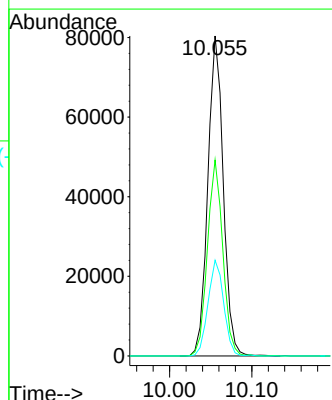
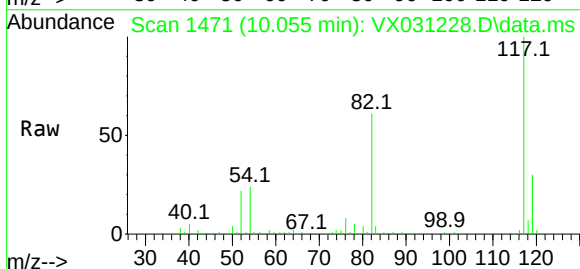
Instrument :
MSVOA_X
ClientSampleId :
CLI-0111

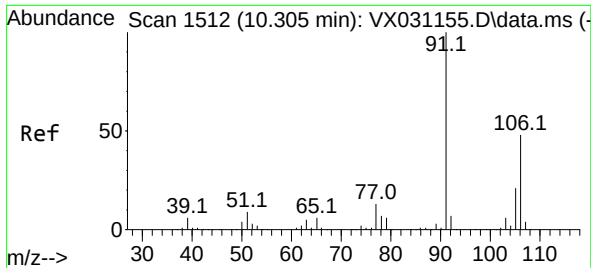
Tgt Ion: 95 Resp: 83566
Ion Ratio Lower Upper
95 100
174 68.9 0.0 149.0
176 67.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion: 117 Resp: 104931
Ion Ratio Lower Upper
117 100
82 61.3 42.7 64.1
119 29.9 25.4 38.2

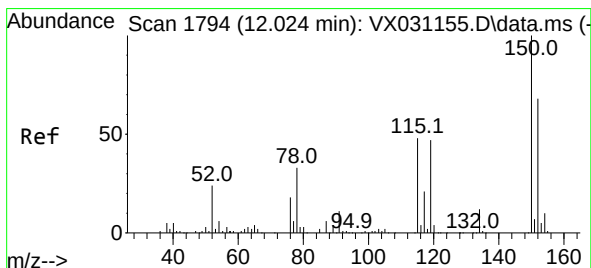
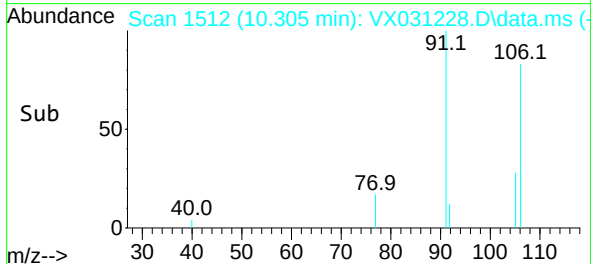
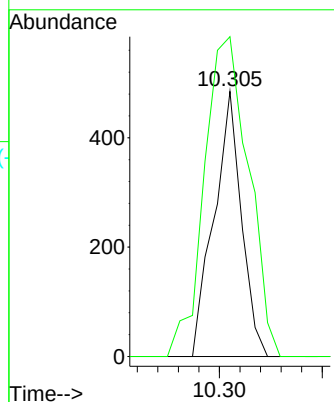
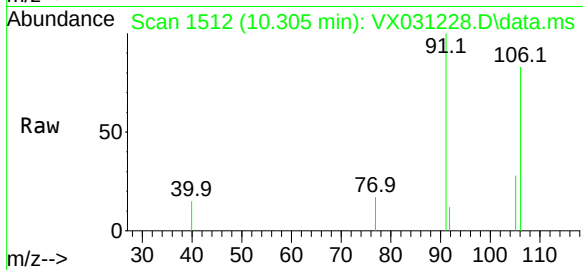




#68
m/p-Xylenes
Concen: 0.217 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

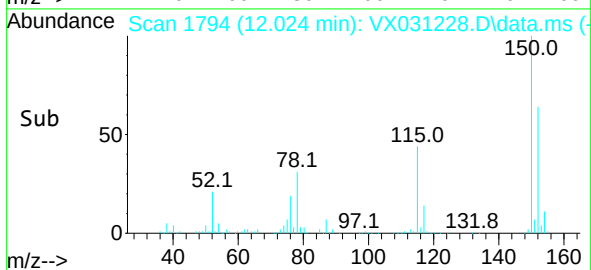
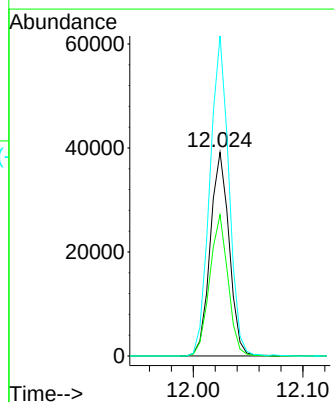
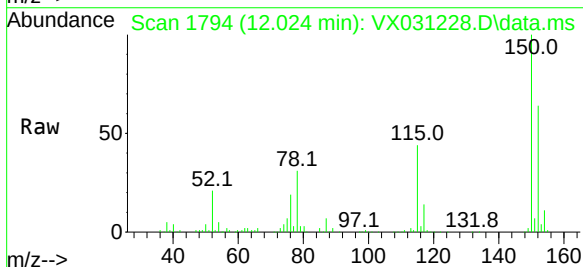
Instrument :
MSVOA_X
ClientSampleId :
CLI-0111

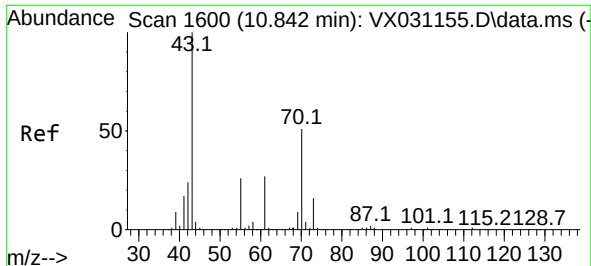
Tgt Ion:106 Resp: 450
Ion Ratio Lower Upper
106 100
91 194.7 158.2 237.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion:152 Resp: 46896
Ion Ratio Lower Upper
152 100
115 67.1 40.5 121.5
150 157.5 0.0 347.0

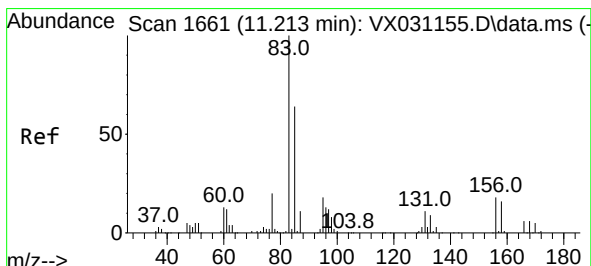
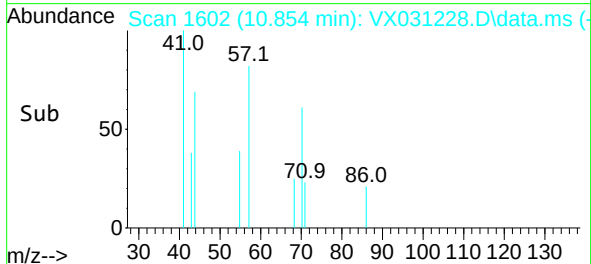
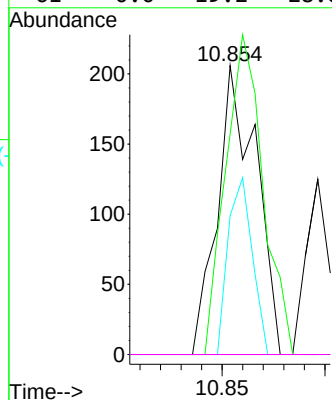
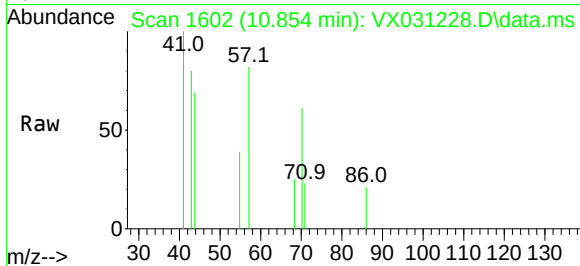




#74
N-amy1 acetate
Concen: 0.207 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.012 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

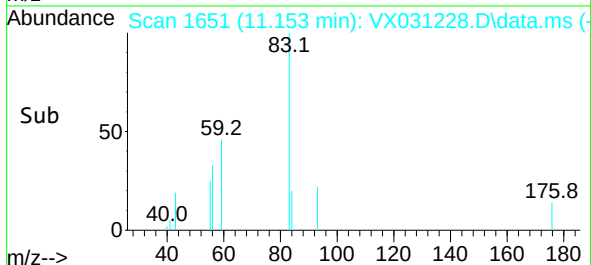
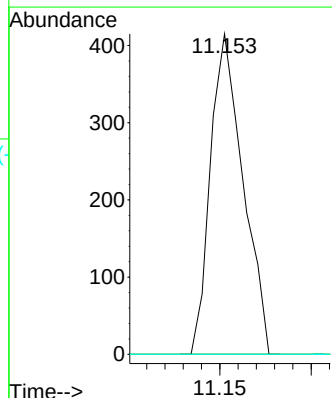
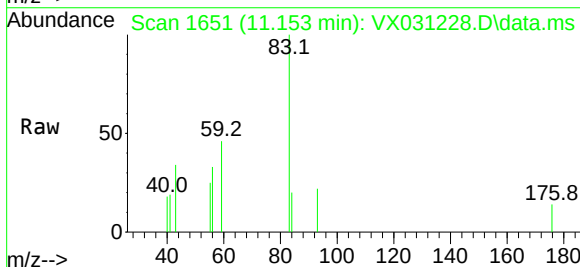
Instrument :
MSVOA_X
ClientSampleId :
CLI-0111

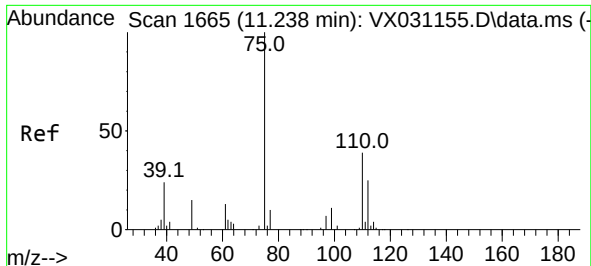
Tgt Ion: 43	Resp: 269
Ion Ratio	Lower Upper
43 100	
70 107.4	32.3 48.5#
55 38.3	18.4 27.6#
61 0.0	19.2 28.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.405 ug/l
RT: 11.153 min Scan# 1651
Delta R.T. -0.061 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion: 83	Resp: 515
Ion Ratio	Lower Upper
83 100	
131 0.0	4.5 13.7#
85 0.0	32.5 97.5#

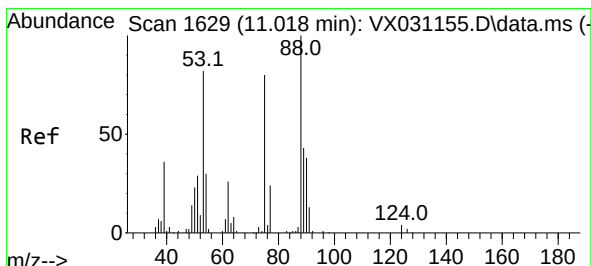
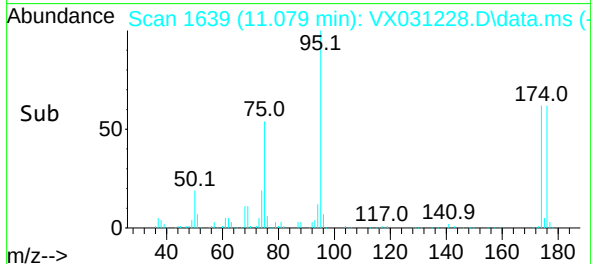
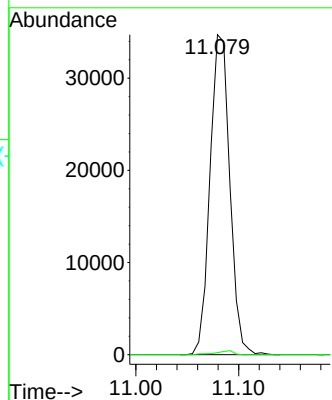
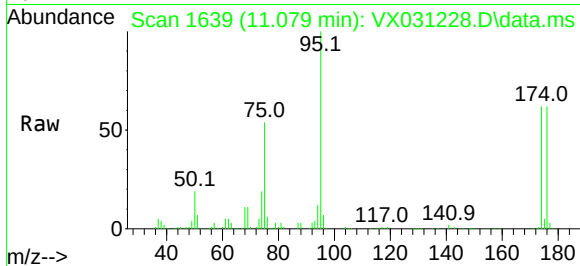




#76
1,2,3-Trichloropropane
Concen: 36.233 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

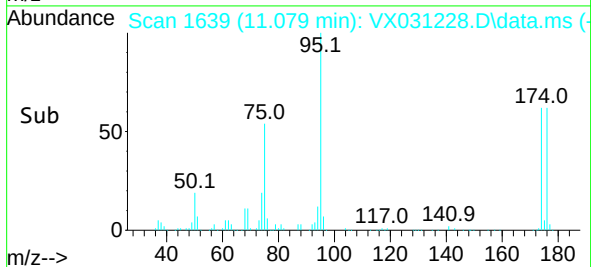
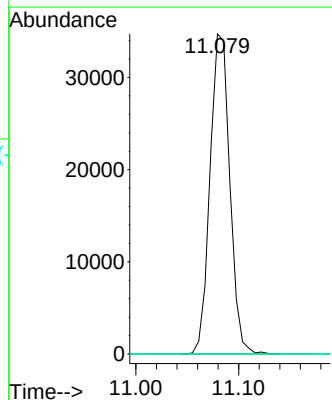
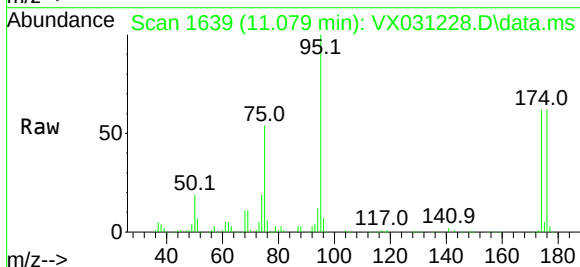
Instrument :
MSVOA_X
ClientSampleId :
CLI-0111

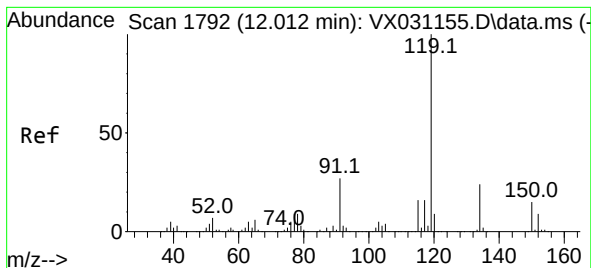
Tgt Ion: 75 Resp: 46373
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.846 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031228.D
Acq: 08 Sep 2022 21:45

Tgt Ion: 75 Resp: 46373
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#





#86

p-Isopropyltoluene

Concen: 0.411 ug/l

RT: 12.012 min Scan# 119

Delta R.T. 0.000 min

Lab File: VX031228.D

Acq: 08 Sep 2022 21:45

Instrument :

MSVOA_X

ClientSampleId :

CLI-0111

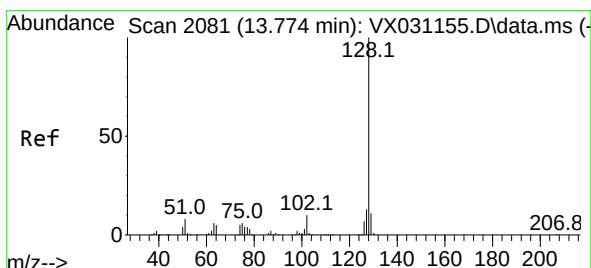
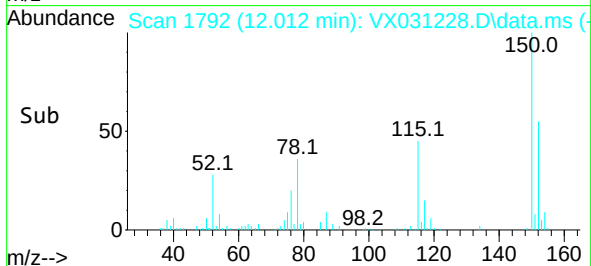
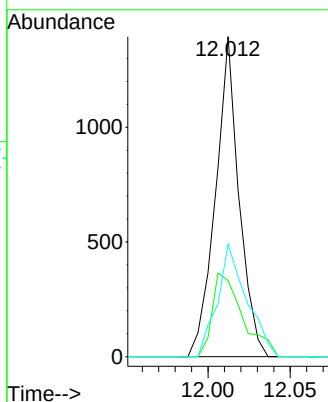
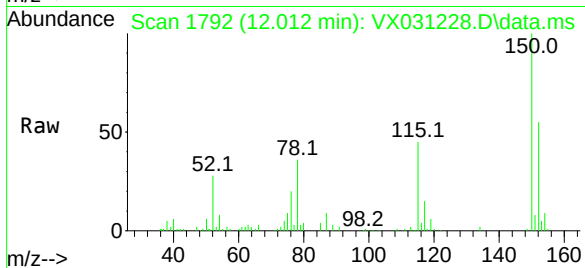
Tgt Ion:119 Resp: 1389

Ion Ratio Lower Upper

119 100

134 33.6 13.9 41.6

91 43.7 11.8 35.3#



#95

Naphthalene

Concen: 0.527 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX031228.D

Acq: 08 Sep 2022 21:45

Tgt Ion:128 Resp: 1949

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 7.7 8.6 13.0#

