

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031254.D
 Acq On : 09 Sep 2022 14:10
 Operator : JC/MD
 Sample : N4505-03DL 200X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CLI-79DL

Quant Time: Sep 09 15:27:11 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)

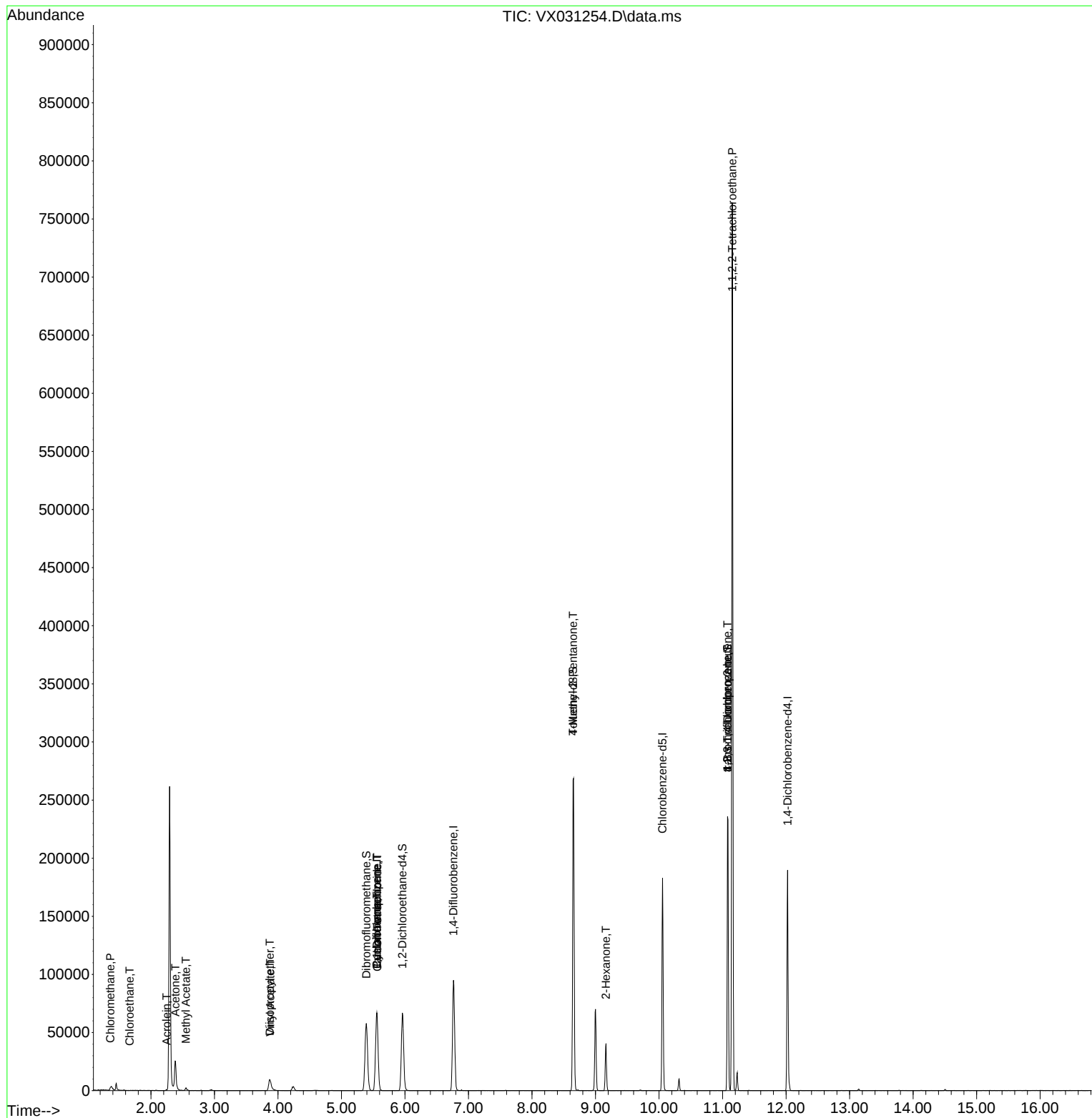
Internal Standards						
1) Pentafluorobenzene	5.556	168	53717	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	90385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	73400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	74814	58.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 117.660%	
35) Dibromofluoromethane	5.391	113	49788	50.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.100%	
50) Toluene-d8	8.647	98	159932	44.692	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 89.380%	
62) 4-Bromofluorobenzene	11.079	95	64961	49.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.361	50	266	0.401	ug/l	# 42
6) Chloroethane	1.666	64	108	0.246	ug/l	# 41
11) Tert butyl alcohol	2.946	59	276	Below Cal	#	74
13) Acrolein	2.245	56	772	4.371	ug/l	91
16) Acetone	2.386	43	24626	55.924	ug/l	94
18) Methyl Acetate	2.550	43	783	0.687	ug/l	# 51
22) Diisopropyl ether	3.873	45	872	0.341	ug/l	# 1
23) Vinyl Acetate	3.879	43	2129	0.991	ug/l	# 72
31) Cyclohexane	5.556	56	1487	1.046	ug/l	# 19
36) 1,1-Dichloropropene	5.556	75	4915	3.332	ug/l	# 49
38) Carbon Tetrachloride	5.562	117	7331	4.724	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.647	43	767	0.607	ug/l	# 1
59) 2-Hexanone	9.165	43	2519	2.637	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.152	83	309336	340.472	ug/l	# 31
76) 1,2,3-Trichloropropane	11.079	75	37678	41.190	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	37678	132.834	ug/l	# 12

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

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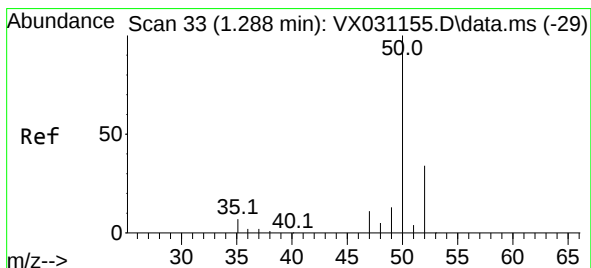
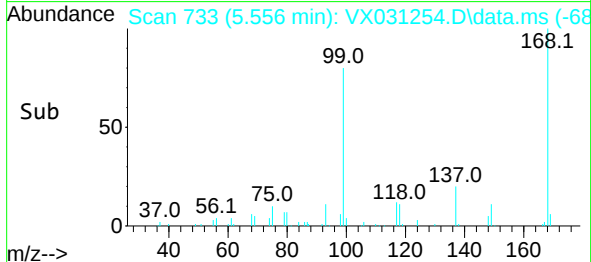
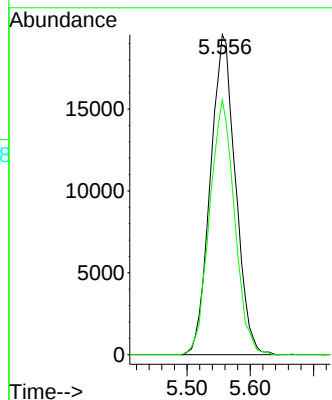
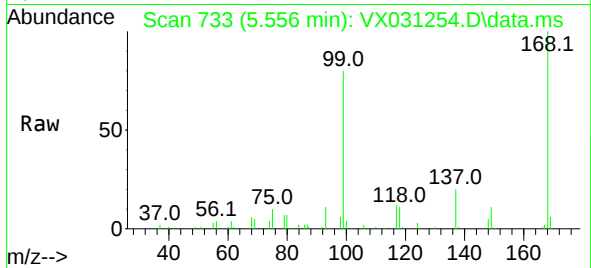




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

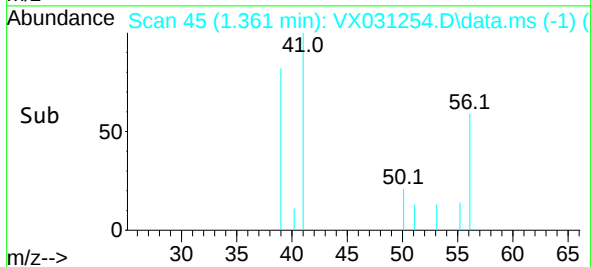
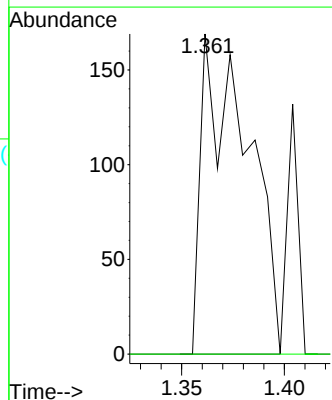
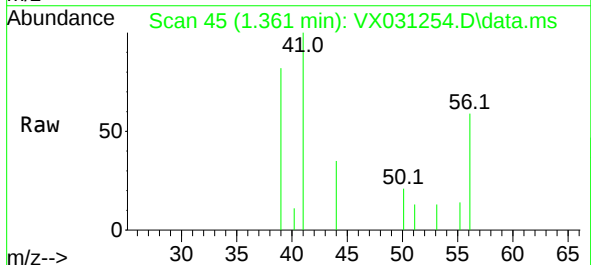
Instrument : MSVOA_X
ClientSampleId : CLI-79DL

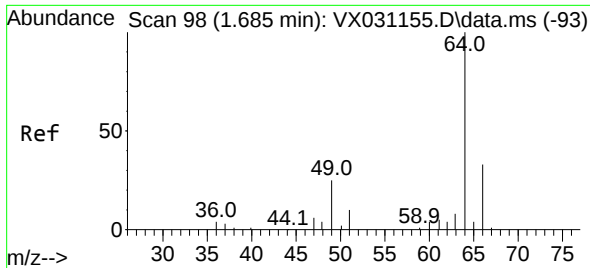
Tgt Ion:168 Resp: 53717
Ion Ratio Lower Upper
168 100
99 79.7 44.0 66.0#



#3
Chloromethane
Concen: 0.401 ug/l
RT: 1.361 min Scan# 45
Delta R.T. 0.073 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

Tgt Ion: 50 Resp: 266
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

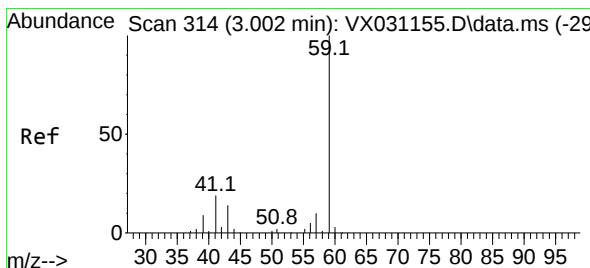
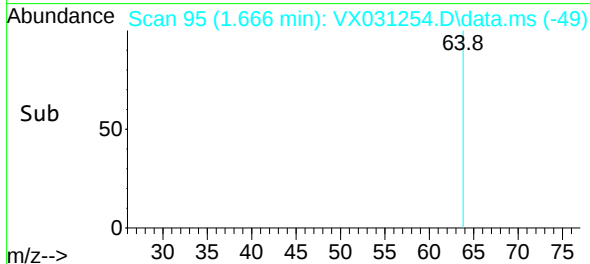
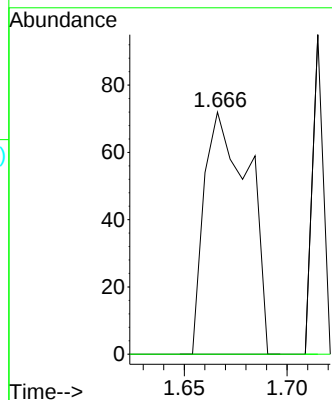
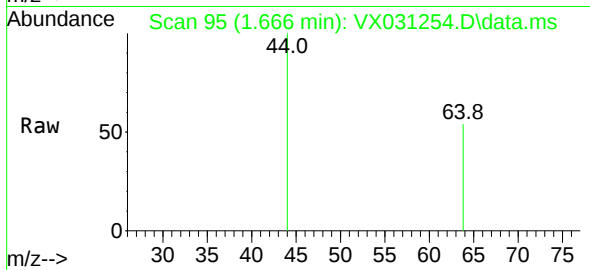




#6
Chloroethane
Concen: 0.246 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.019 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

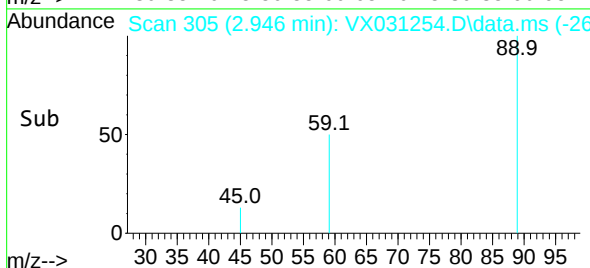
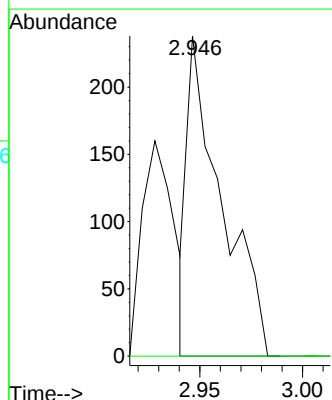
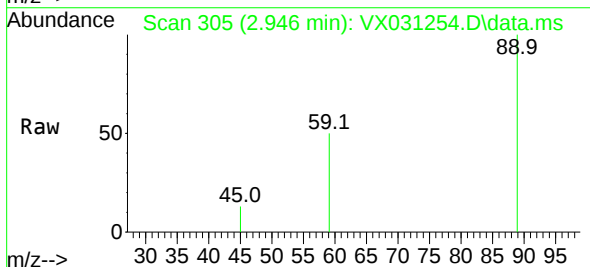
Instrument :
MSVOA_X
ClientSampleId :
CLI-79DL

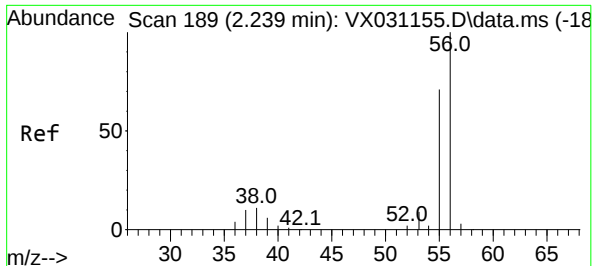
Tgt Ion: 64 Resp: 108
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.056 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

Tgt Ion: 59 Resp: 276
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

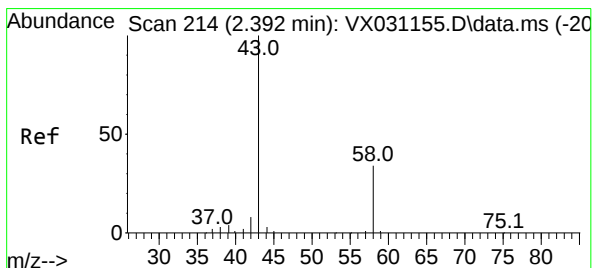
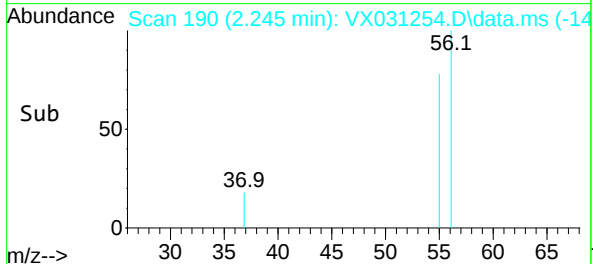
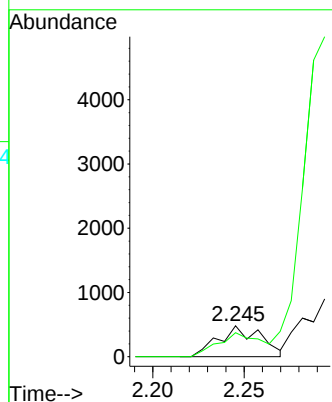
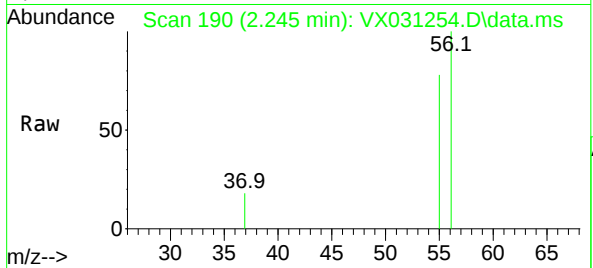




#13
Acrolein
Concen: 4.371 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

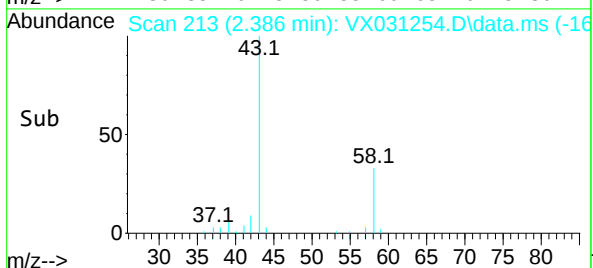
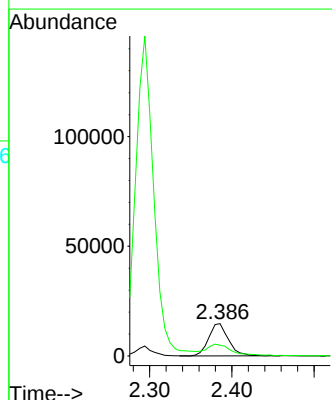
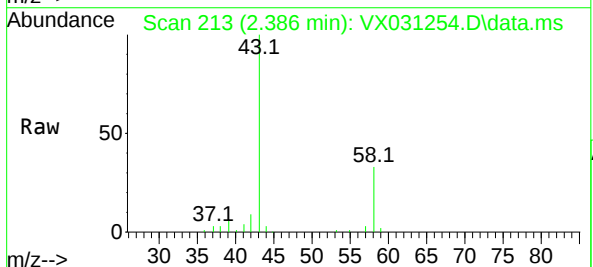
Instrument :
MSVOA_X
ClientSampleId :
CLI-79DL

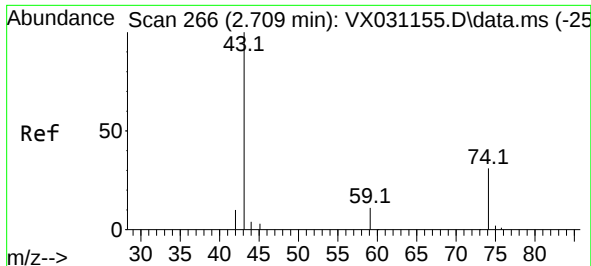
Tgt Ion: 56 Resp: 772
Ion Ratio Lower Upper
56 100
55 78.1 56.6 84.8



#16
Acetone
Concen: 55.924 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

Tgt Ion: 43 Resp: 24626
Ion Ratio Lower Upper
43 100
58 31.2 27.7 41.5

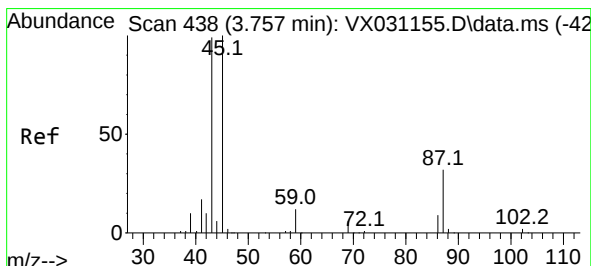
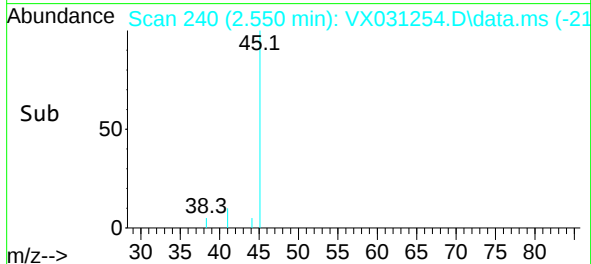
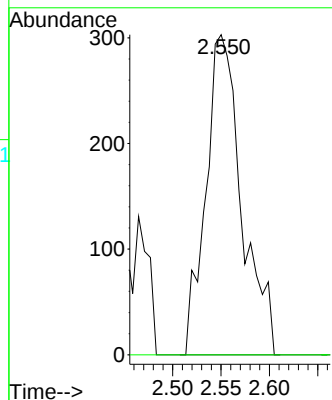
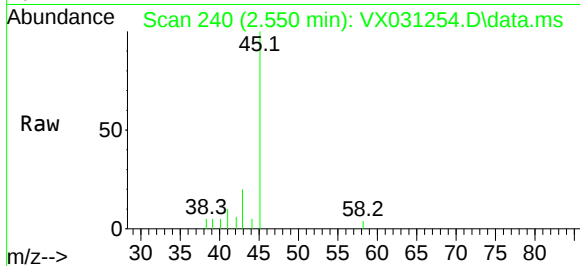




#18
Methyl Acetate
Concen: 0.687 ug/l
RT: 2.550 min Scan# 240
Delta R.T. -0.159 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

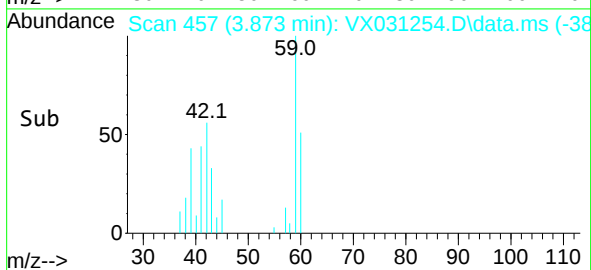
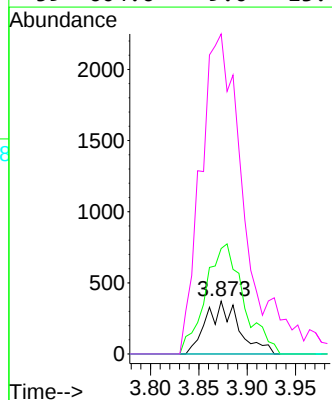
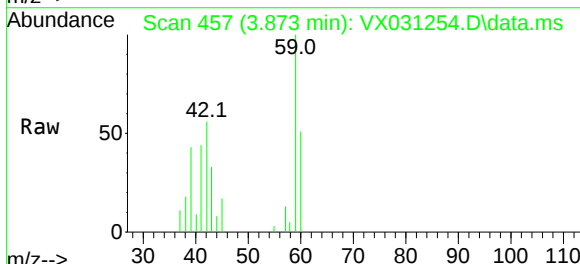
Instrument :
MSVOA_X
ClientSampleId :
CLI-79DL

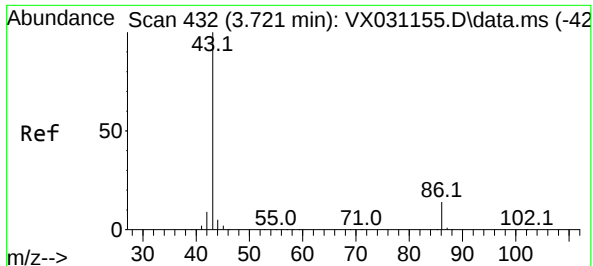
Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#22
Diisopropyl ether
Concen: 0.341 ug/l
RT: 3.873 min Scan# 457
Delta R.T. 0.116 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

Tgt Ion: 45 Resp: 872
Ion Ratio Lower Upper
45 100
43 199.2 65.4 98.0#
87 0.0 22.3 33.5#
59 604.6 9.0 13.4#

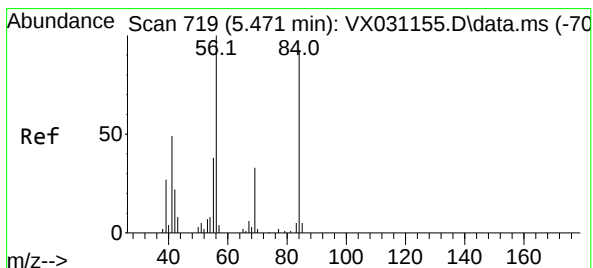
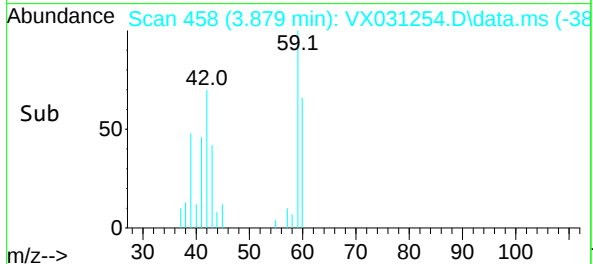
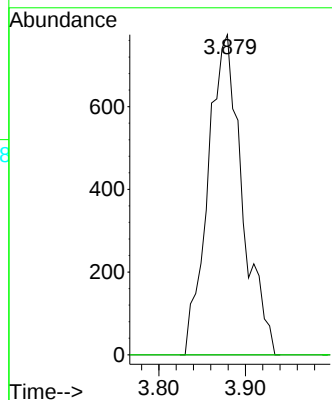
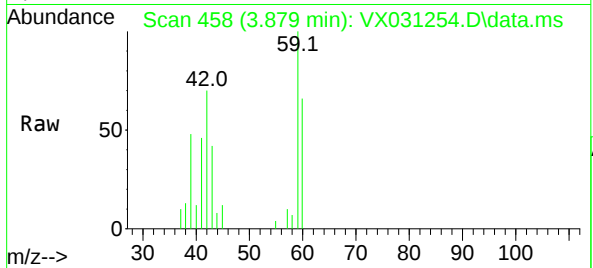




#23
 Vinyl Acetate
 Concen: 0.991 ug/l
 RT: 3.879 min Scan# 41
 Delta R.T. 0.158 min
 Lab File: VX031254.D
 Acq: 09 Sep 2022 14:10

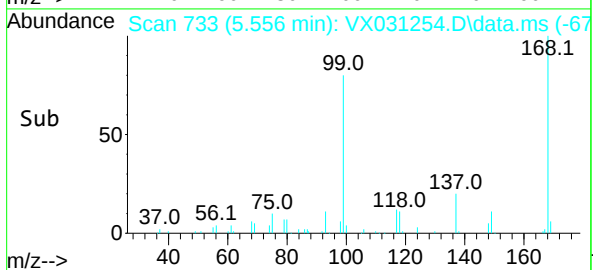
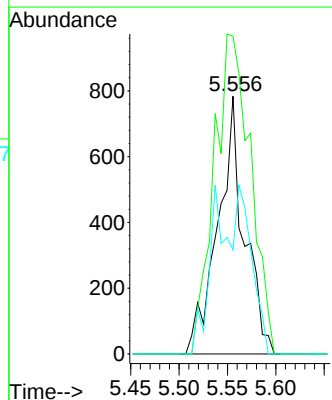
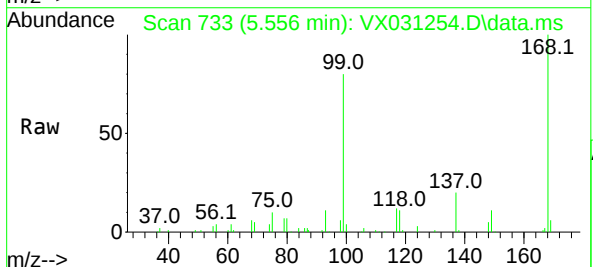
Instrument :
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 CLI-79DL

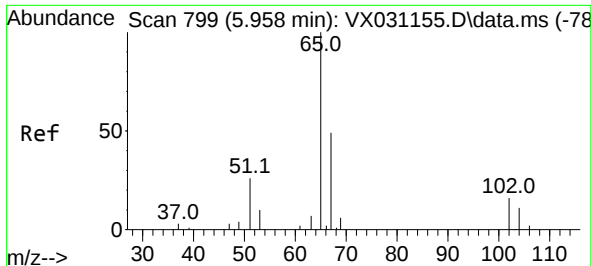
Tgt Ion: 43 Resp: 2129
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#31
 Cyclohexane
 Concen: 1.046 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.085 min
 Lab File: VX031254.D
 Acq: 09 Sep 2022 14:10

Tgt Ion: 56 Resp: 1487
 Ion Ratio Lower Upper
 56 100
 69 123.2 25.4 38.0#
 84 40.4 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 58.826 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031254.D

Acq: 09 Sep 2022 14:10

Instrument :

MSVOA_X

ClientSampleId :

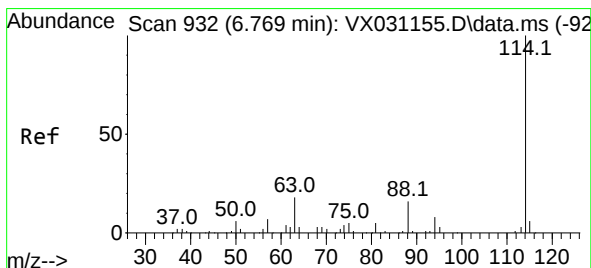
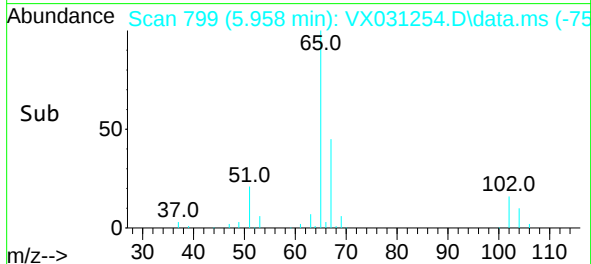
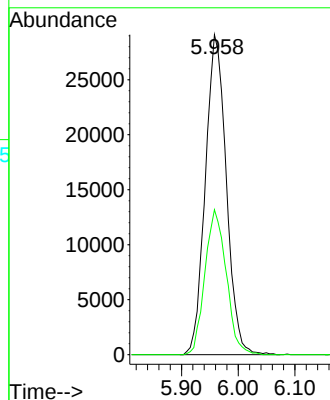
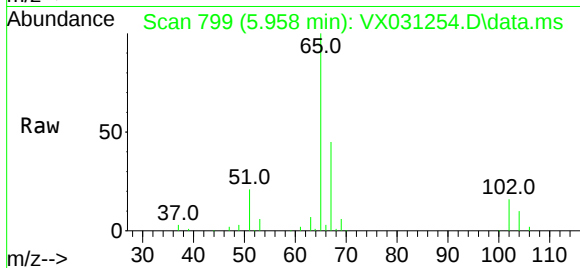
CLI-79DL

Tgt Ion: 65 Resp: 74814

Ion Ratio Lower Upper

65 100

67 46.0 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: VX031254.D

Acq: 09 Sep 2022 14:10

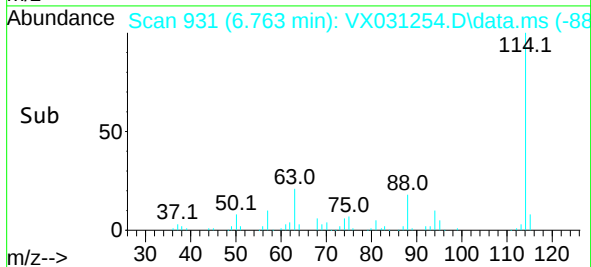
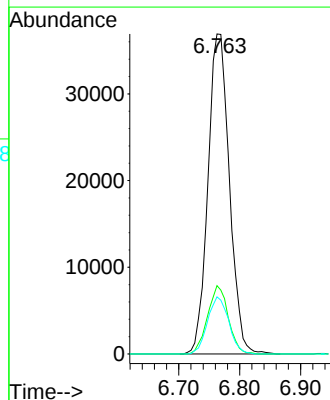
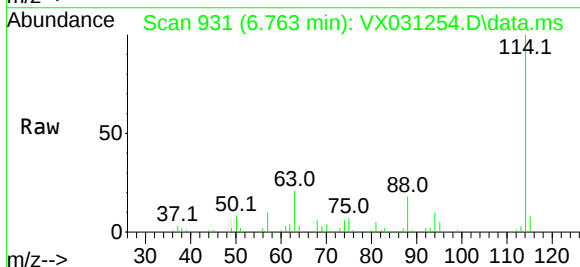
Tgt Ion: 114 Resp: 90385

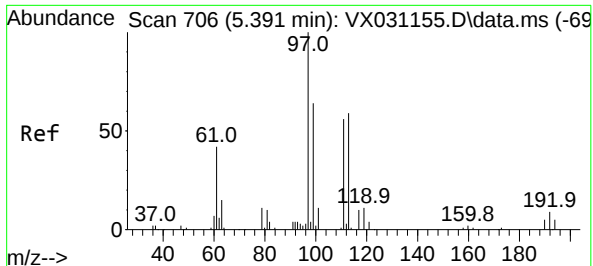
Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.4

88 17.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.549 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX031254.D

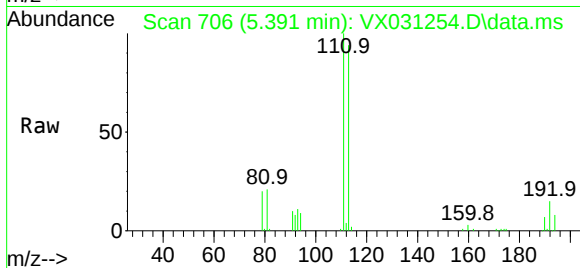
Acq: 09 Sep 2022 14:10

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CLI-79DL



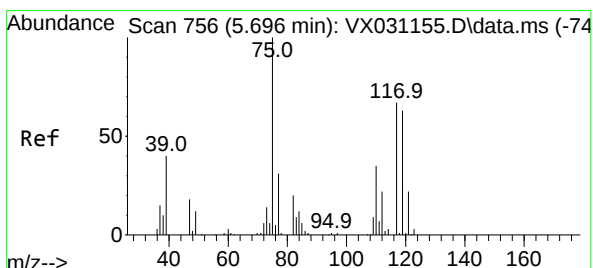
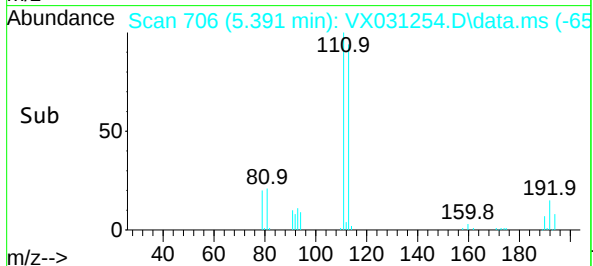
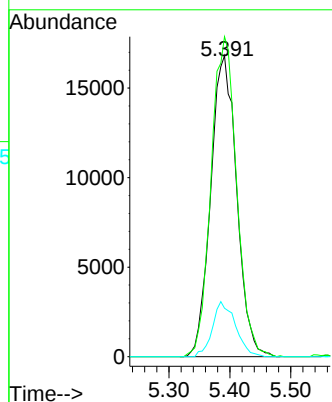
Tgt Ion:113 Resp: 49788

Ion Ratio Lower Upper

113 100

111 104.6 83.2 124.8

192 16.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.332 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX031254.D

Acq: 09 Sep 2022 14:10

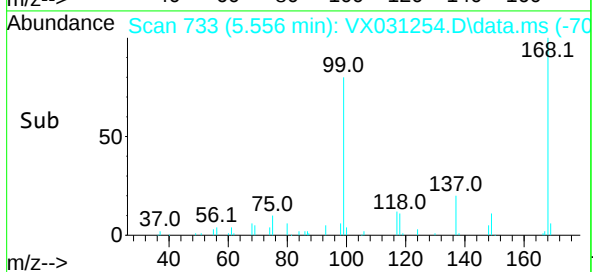
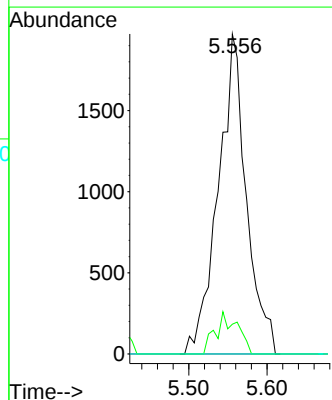
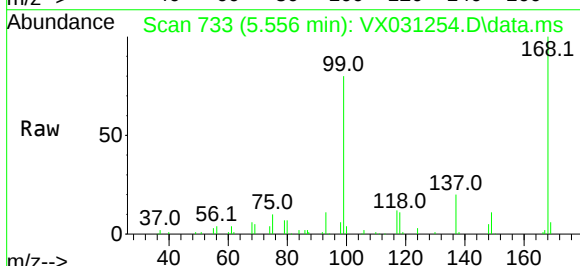
Tgt Ion: 75 Resp: 4915

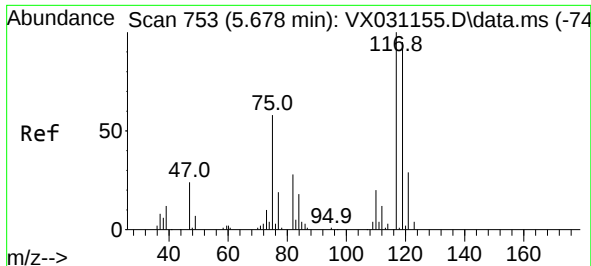
Ion Ratio Lower Upper

75 100

110 10.2 19.3 57.9#

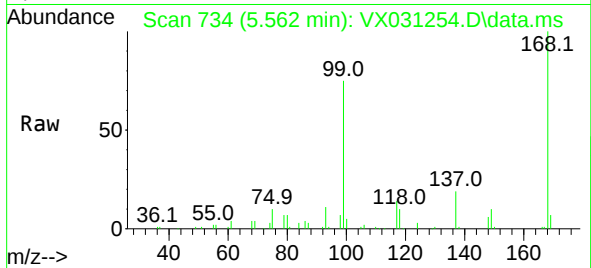
77 0.0 24.4 36.6#



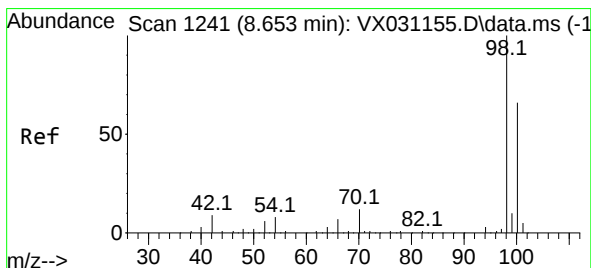
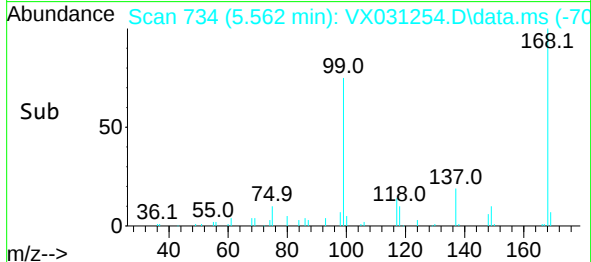
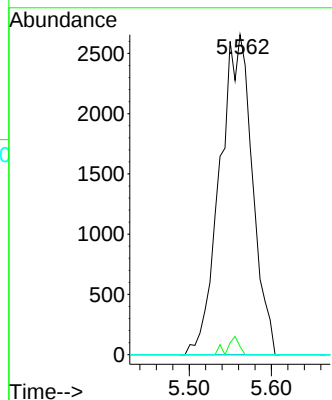


#38
Carbon Tetrachloride
Concen: 4.724 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

Instrument :
MSVOA_X
ClientSampleId :
CLI-79DL

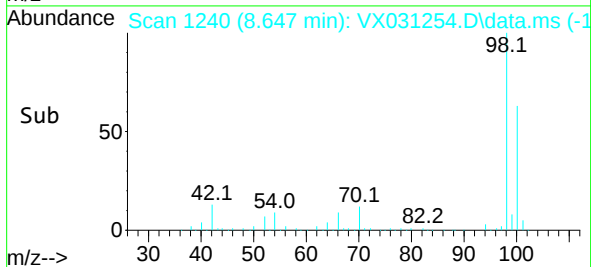
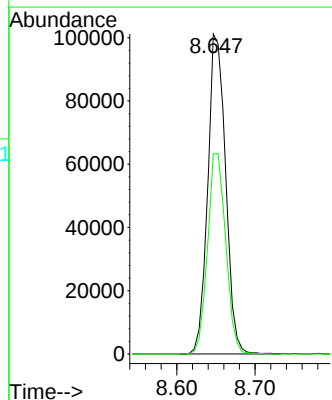
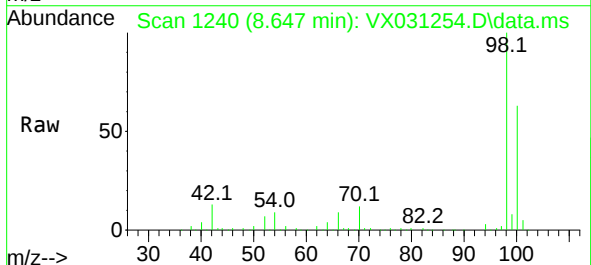


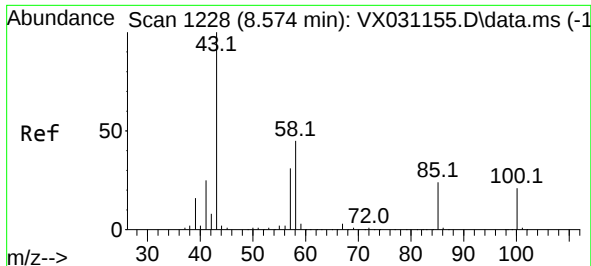
Tgt Ion:117 Resp: 7331
Ion Ratio Lower Upper
117 100
119 2.6 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 44.692 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

Tgt Ion: 98 Resp: 159932
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.607 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX031254.D

Acq: 09 Sep 2022 14:10

Instrument :

MSVOA_X

ClientSampleId :

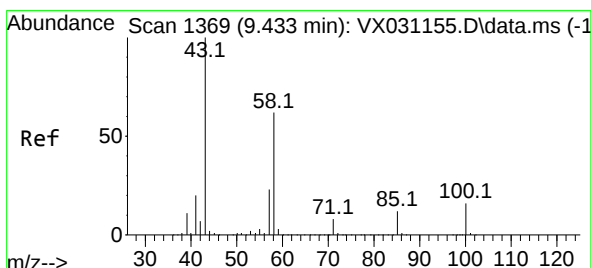
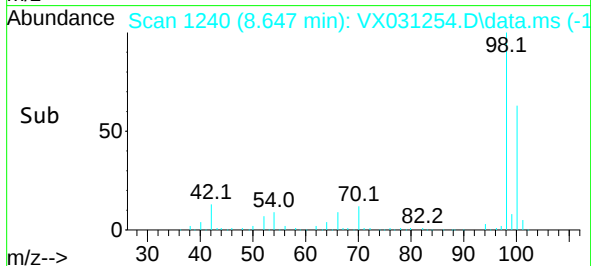
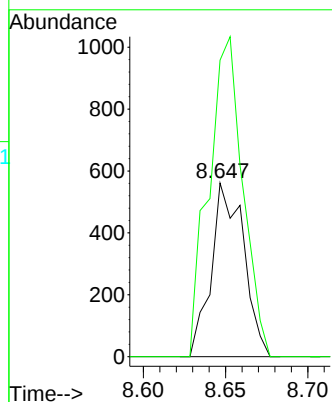
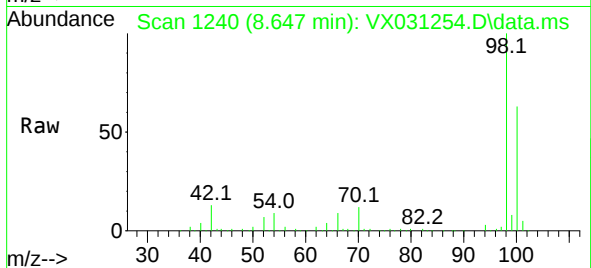
CLI-79DL

Tgt Ion: 43 Resp: 767

Ion Ratio Lower Upper

43 100

58 194.5 31.4 47.2#



#59

2-Hexanone

Concen: 2.637 ug/l

RT: 9.165 min Scan# 1325

Delta R.T. -0.268 min

Lab File: VX031254.D

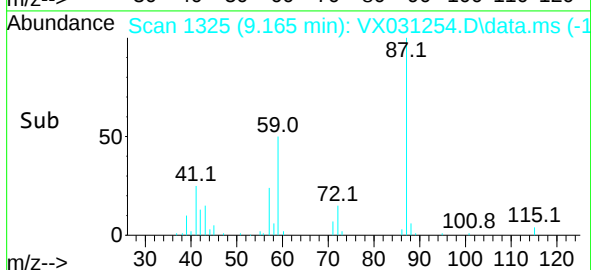
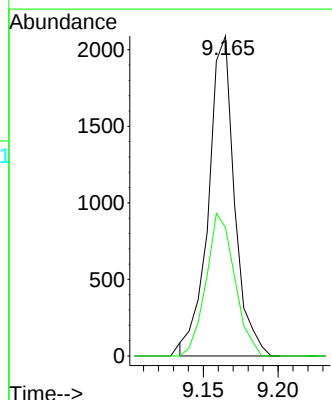
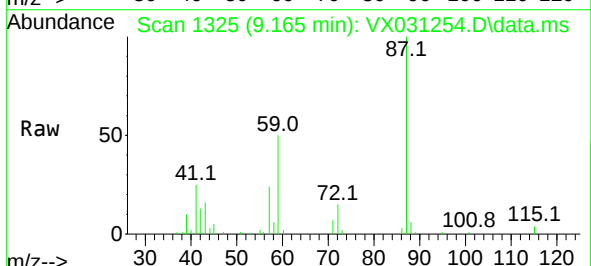
Acq: 09 Sep 2022 14:10

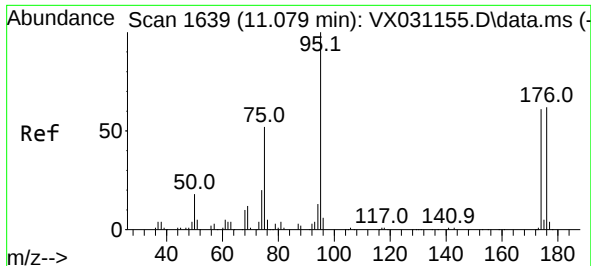
Tgt Ion: 43 Resp: 2519

Ion Ratio Lower Upper

43 100

58 48.9 27.6 82.8

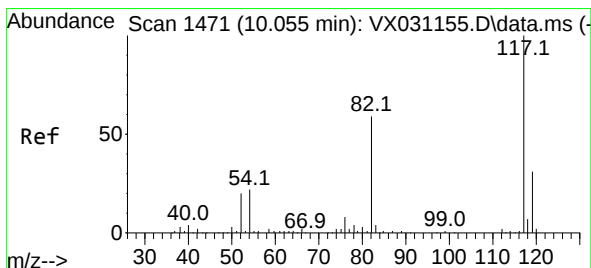
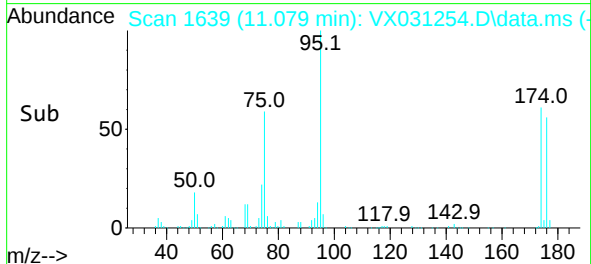
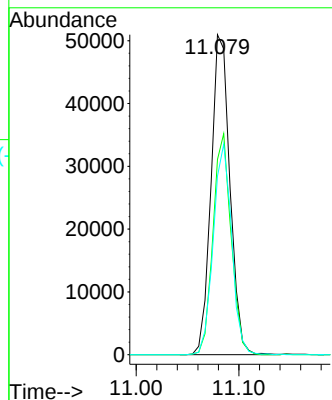
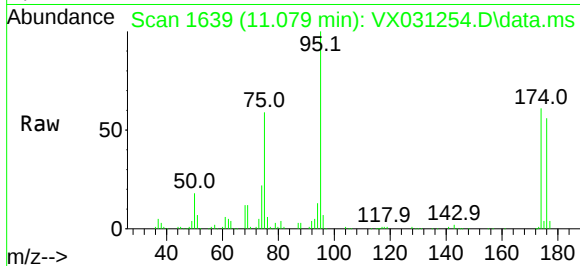




#62
4-Bromofluorobenzene
Concen: 49.535 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

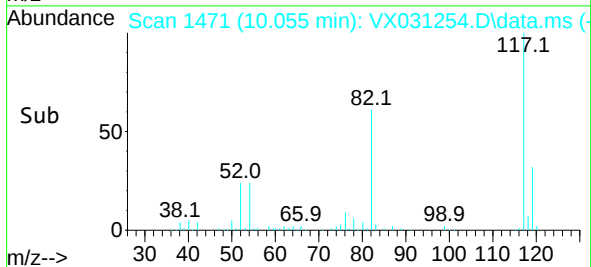
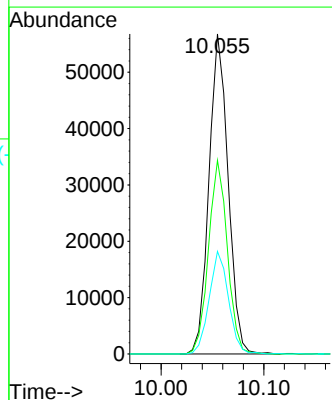
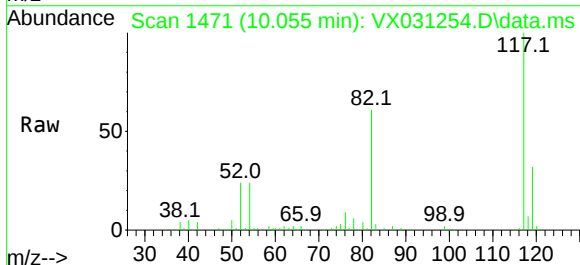
Instrument :
MSVOA_X
ClientSampleId :
CLI-79DL

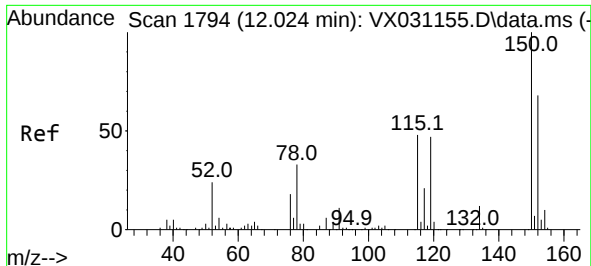
Tgt Ion: 95 Resp: 64961
Ion Ratio Lower Upper
95 100
174 66.2 0.0 149.0
176 64.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

Tgt Ion: 117 Resp: 73400
Ion Ratio Lower Upper
117 100
82 60.5 42.7 64.1
119 32.1 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: VX031254.D

Acq: 09 Sep 2022 14:10

Instrument :

MSVOA_X

ClientSampleId :

CLI-79DL

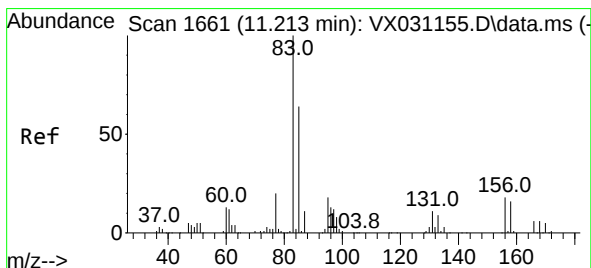
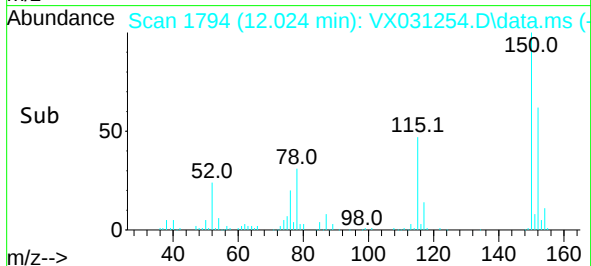
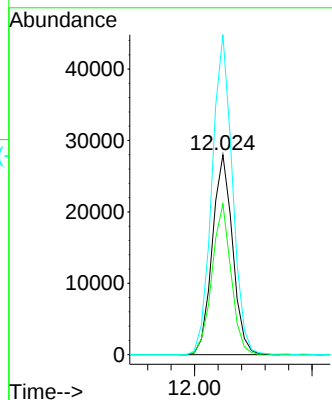
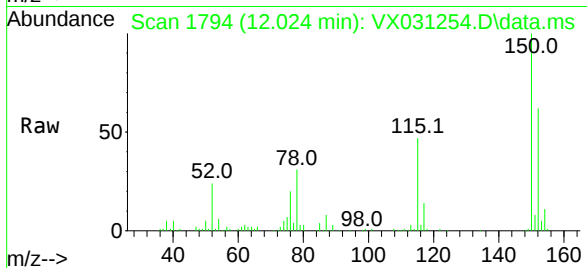
Tgt Ion:152 Resp: 33517

Ion Ratio Lower Upper

152 100

115 71.5 40.5 121.5

150 161.2 0.0 347.0



#75

1,1,2,2-Tetrachloroethane

Concen: 340.472 ug/l

RT: 11.152 min Scan# 1651

Delta R.T. -0.061 min

Lab File: VX031254.D

Acq: 09 Sep 2022 14:10

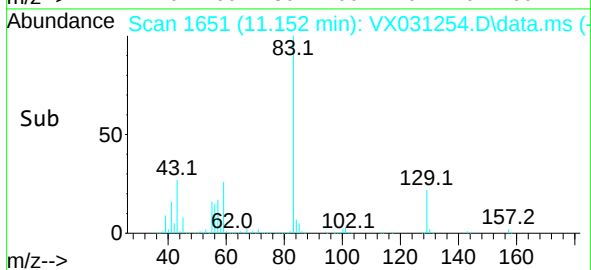
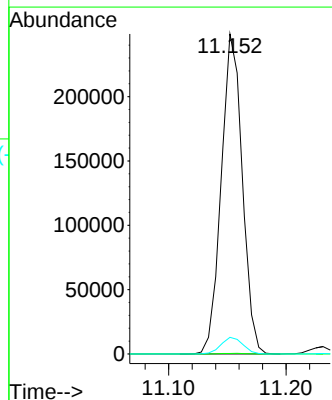
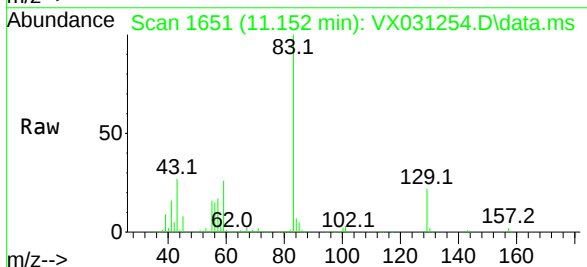
Tgt Ion: 83 Resp: 309336

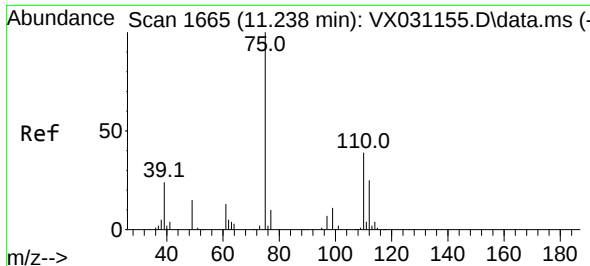
Ion Ratio Lower Upper

83 100

131 0.2 4.5 13.7#

85 5.4 32.5 97.5#

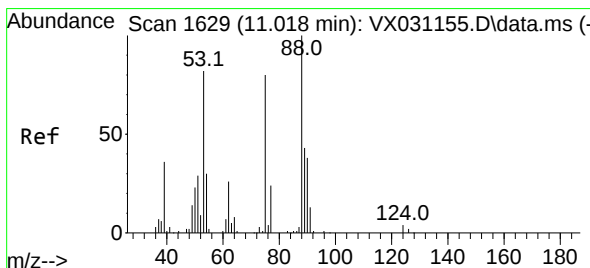
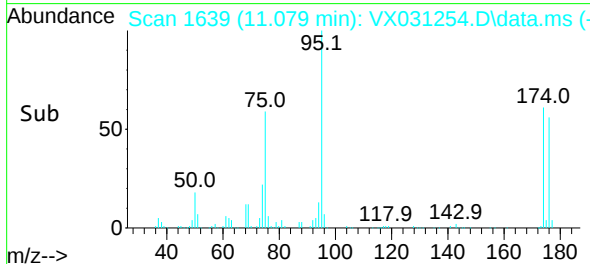
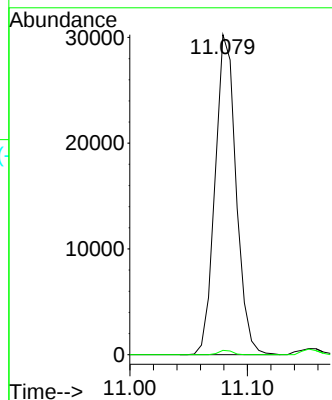
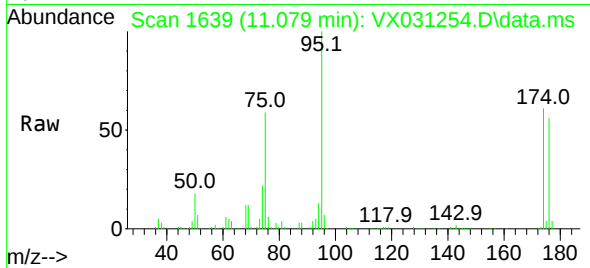




#76
1,2,3-Trichloropropane
Concen: 41.190 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

Instrument :
MSVOA_X
ClientSampleId :
CLI-79DL

Tgt Ion: 75 Resp: 37678
Ion Ratio Lower Upper
75 100
77 0.9 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.834 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031254.D
Acq: 09 Sep 2022 14:10

Tgt Ion: 75 Resp: 37678
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

