

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030779.D
 Acq On : 25 Aug 2022 18:22
 Operator : JC/MD
 Sample : N4245-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20220816

Quant Time: Aug 26 02:41:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

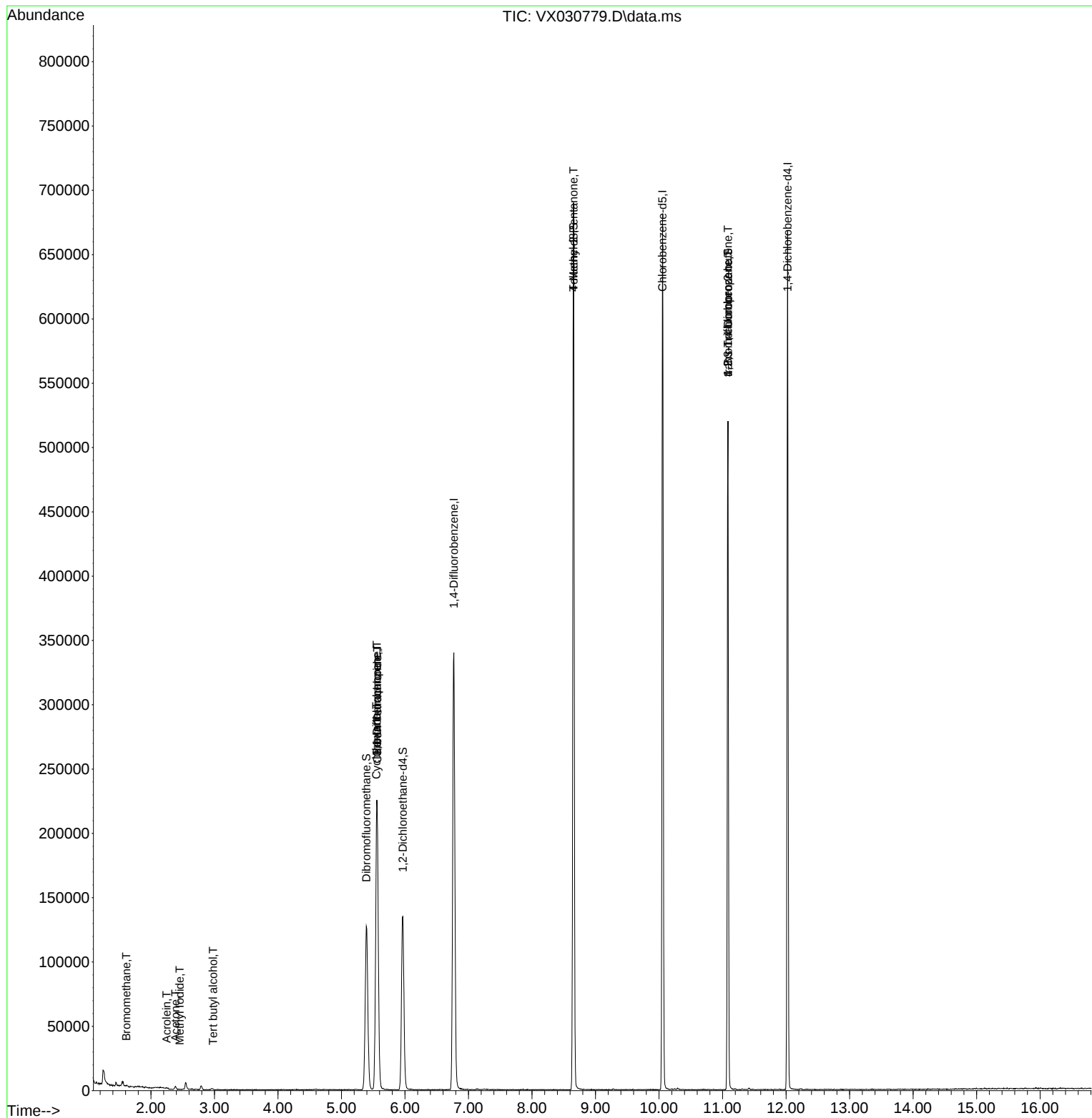
Internal Standards						
1) Pentafluorobenzene	5.556	168	217857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	362422	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	131534	51.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.660%			
35) Dibromofluoromethane	5.391	113	113562	50.984	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	8.653	98	410734	52.918	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.840%			
62) 4-Bromofluorobenzene	11.085	95	139155	48.156	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.320%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	677	Below Cal		93
5) Bromomethane	1.611	94	288	0.284 ug/l #		52
6) Chloroethane	1.691	64	129	Below Cal #		41
10) Methyl Iodide	2.453	142	57	4.059 ug/l #		45
11) Tert butyl alcohol	2.977	59	717	1.289 ug/l #		86
13) Acrolein	2.245	56	94	10.236 ug/l #		41
16) Acetone	2.386	43	2607	2.201 ug/l #		72
17) Carbon Disulfide	2.508	76	432	Below Cal #		74
20) Methylene Chloride	2.788	84	1560	Below Cal #		80
31) Cyclohexane	5.550	56	4501	1.374 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	16341	5.388 ug/l #		49
38) Carbon Tetrachloride	5.562	117	21782	6.808 ug/l #		19
51) 4-Methyl-2-Pentanone	8.653	43	1713	0.469 ug/l #		1
76) 1,2,3-Trichloropropane	11.085	75	67082	22.540 ug/l #		38
81) trans-1,4-Dichloro-2-b...	11.085	75	67082	72.724 ug/l #		13

(#) = 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: VX030779.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_X

ClientSampleId :

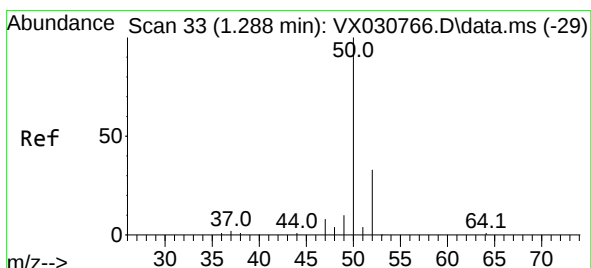
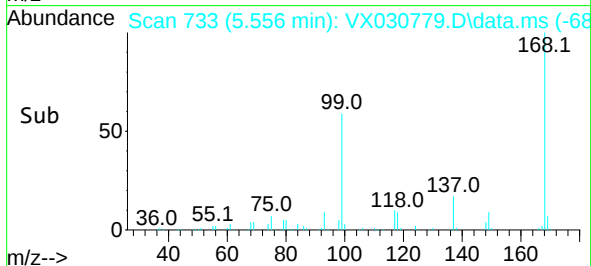
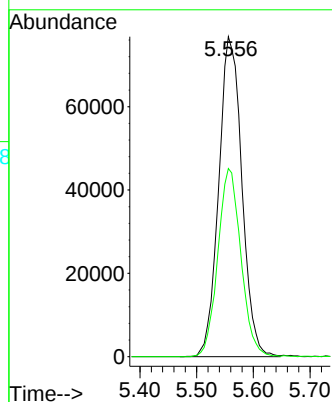
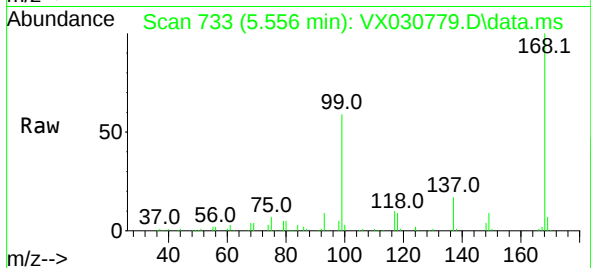
TB01-20220816

Tgt Ion:168 Resp: 217857

Ion Ratio Lower Upper

168 100

99 58.8 44.0 66.0



#3

Chloromethane

Concen: Below Cal

RT: 1.288 min Scan# 33

Delta R.T. 0.000 min

Lab File: VX030779.D

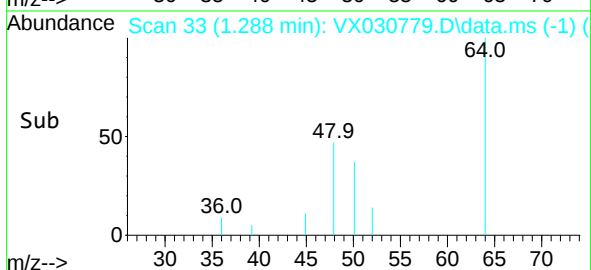
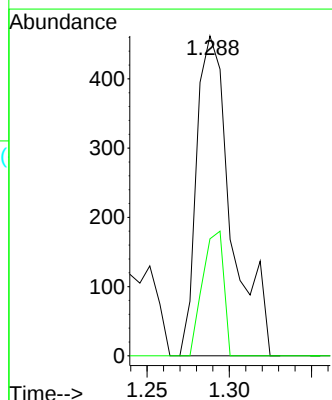
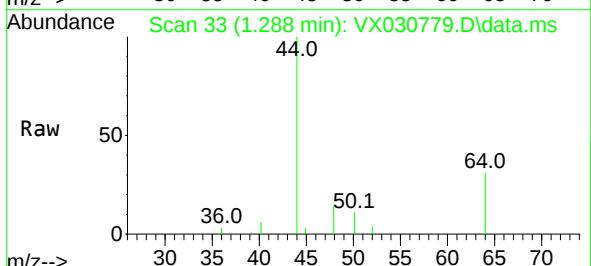
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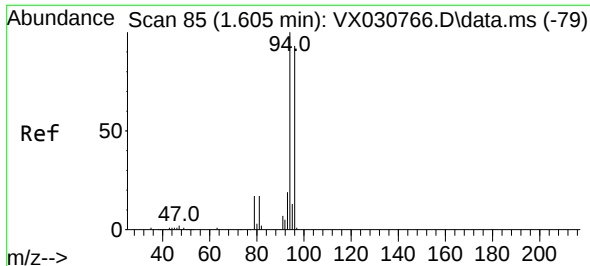
Tgt Ion: 50 Resp: 677

Ion Ratio Lower Upper

50 100

52 36.6 26.3 39.5

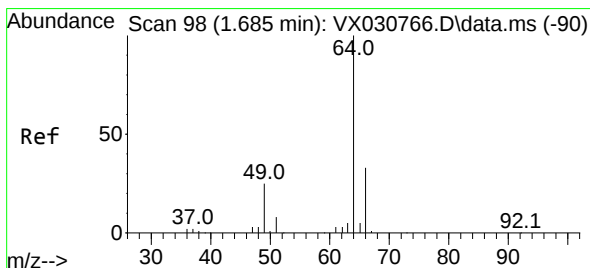
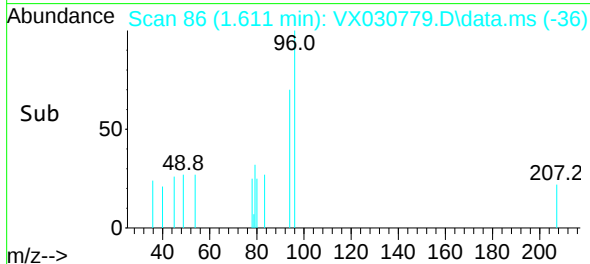
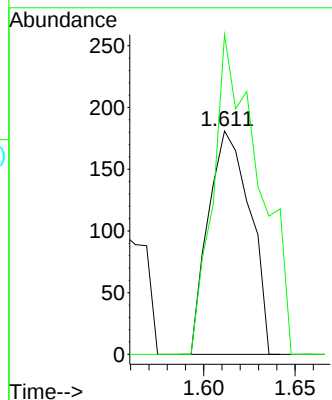
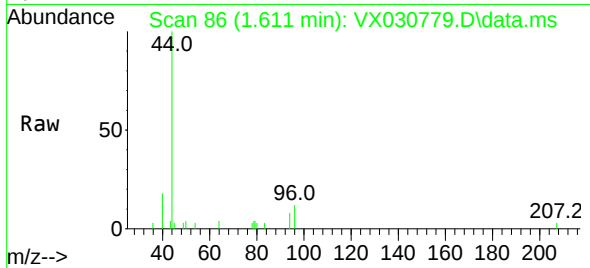




#5
Bromomethane
Concen: 0.284 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

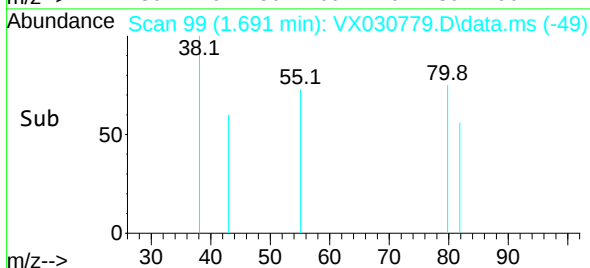
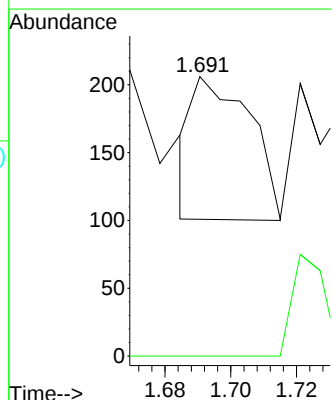
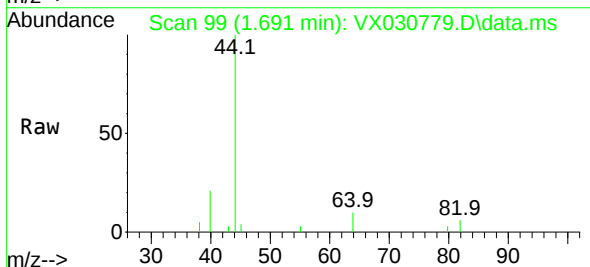
Instrument :
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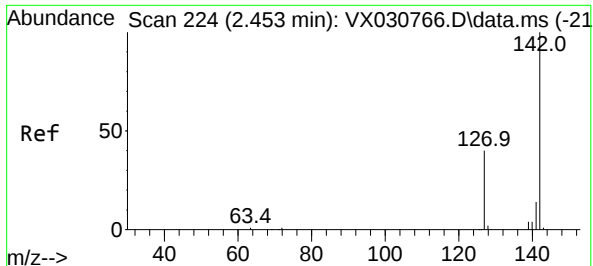
Tgt Ion: 94 Resp: 288
Ion Ratio Lower Upper
94 100
96 143.1 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

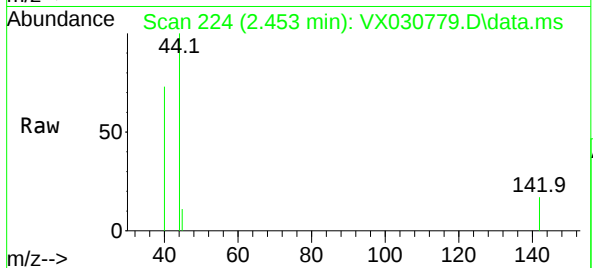
Tgt Ion: 64 Resp: 129
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



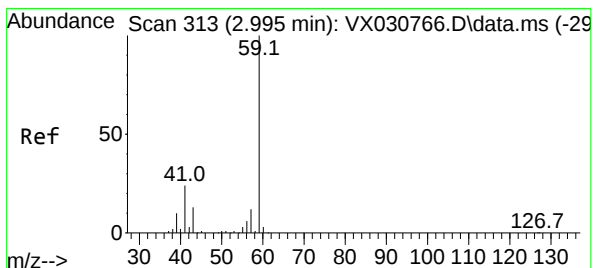
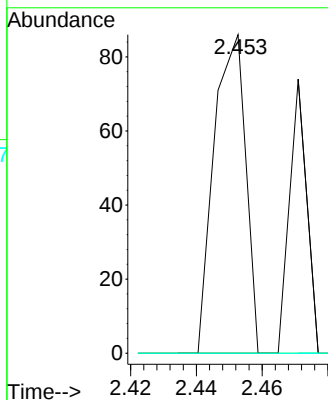
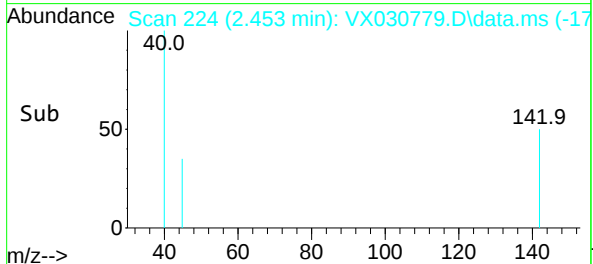


#10
Methyl Iodide
Concen: 4.059 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

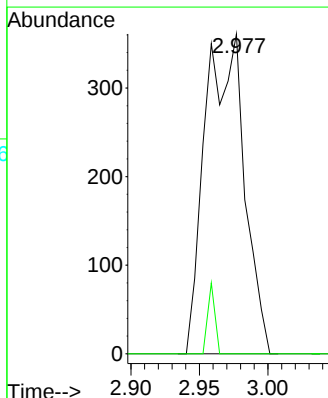
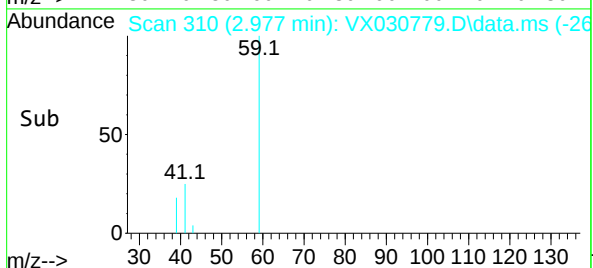
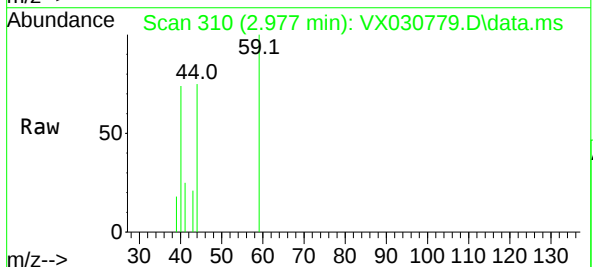


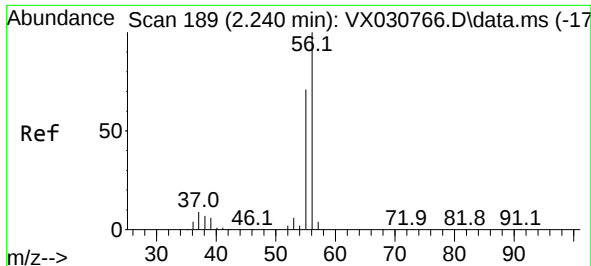
Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.289 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.019 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 59 Resp: 717
Ion Ratio Lower Upper
59 100
57 4.0 7.4 11.2#

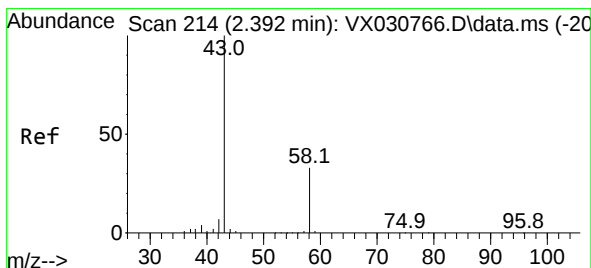
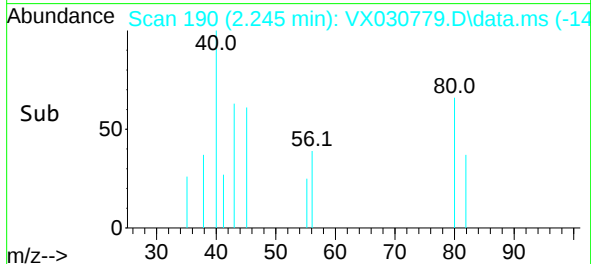
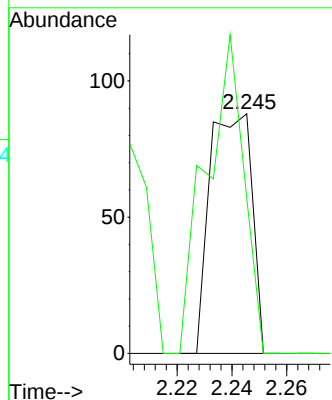
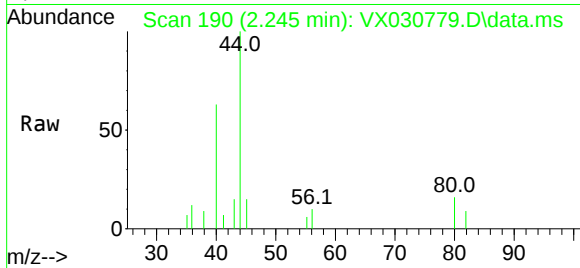




#13
Acrolein
Concen: 10.236 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.005 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

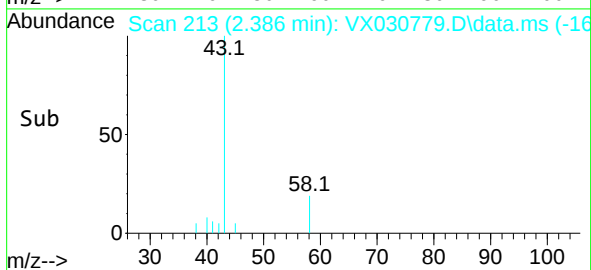
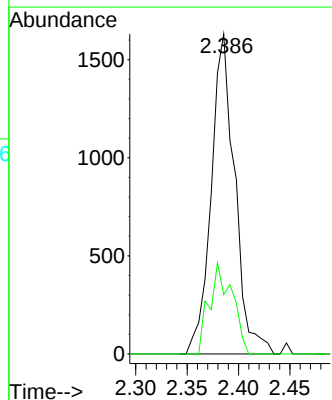
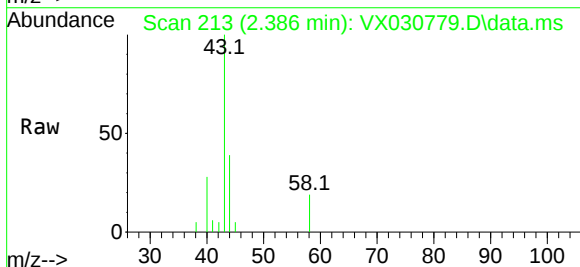
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

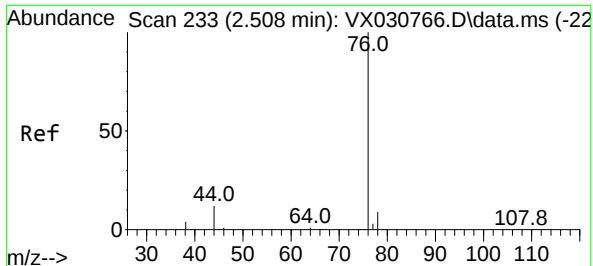
Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 119.1 56.6 84.8#



#16
Acetone
Concen: 2.201 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 43 Resp: 2607
Ion Ratio Lower Upper
43 100
58 18.6 27.7 41.5#

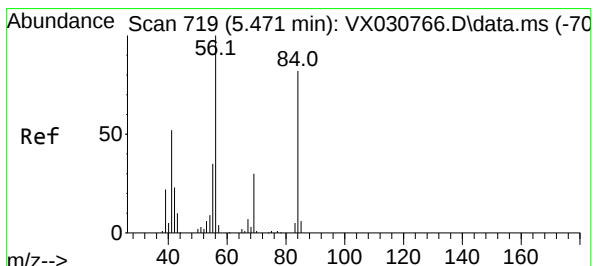
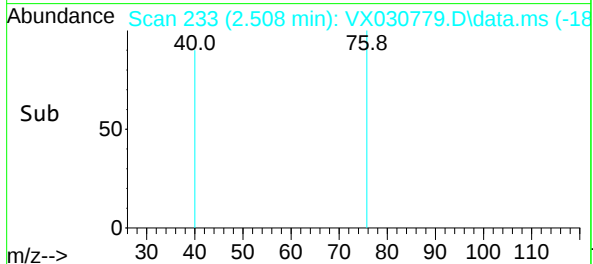
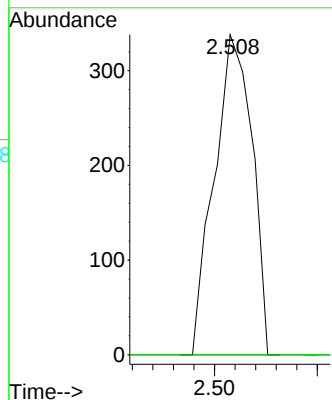
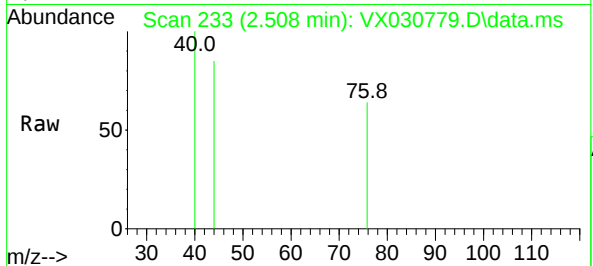




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

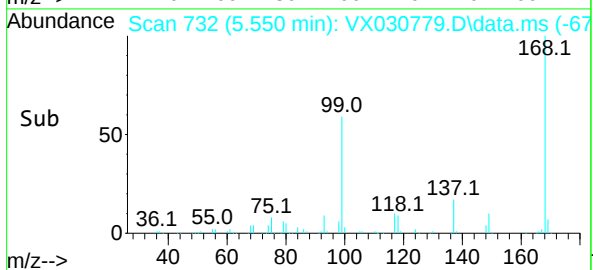
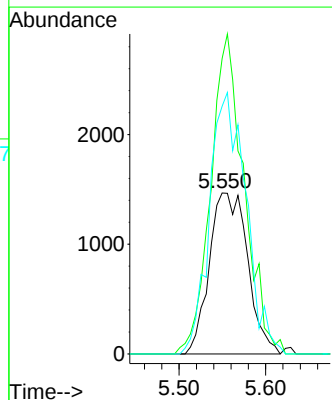
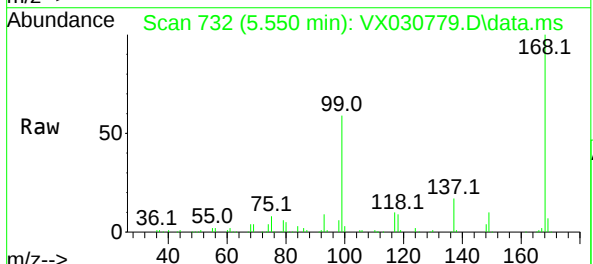
Instrument :
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ClientSampleId :
TB01-20220816

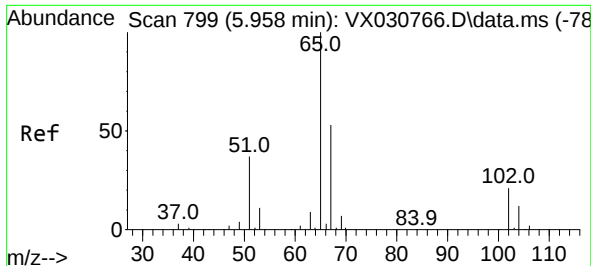
Tgt Ion: 76 Resp: 432
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#31
Cyclohexane
Concen: 1.374 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 56 Resp: 4501
Ion Ratio Lower Upper
56 100
69 179.6 25.4 38.0#
84 153.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 51.329 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030779.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_X

ClientSampleId :

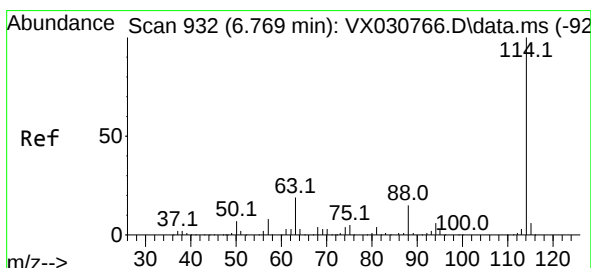
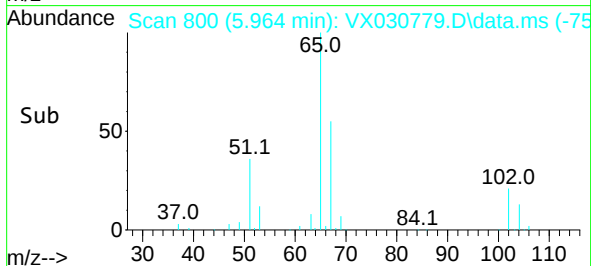
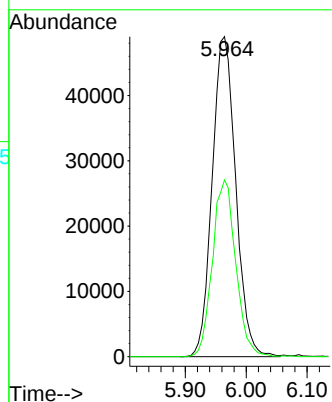
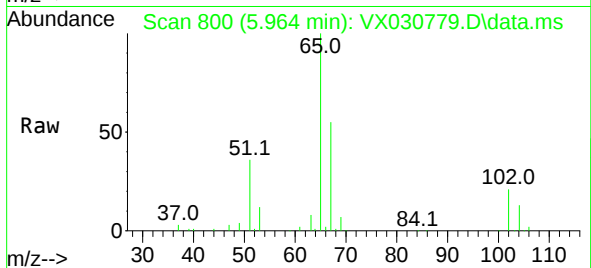
TB01-20220816

Tgt Ion: 65 Resp: 131534

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. -0.000 min

Lab File: VX030779.D

Acq: 25 Aug 2022 18:22

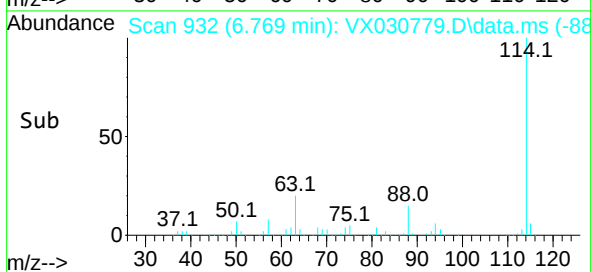
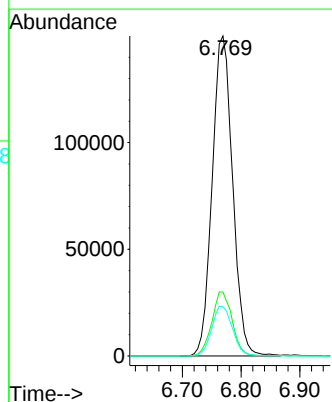
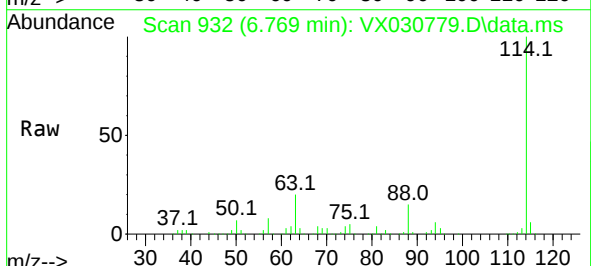
Tgt Ion: 114 Resp: 362422

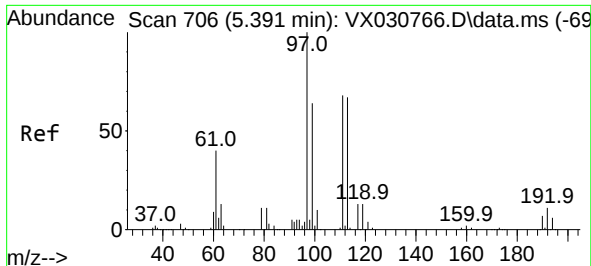
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.984 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030779.D

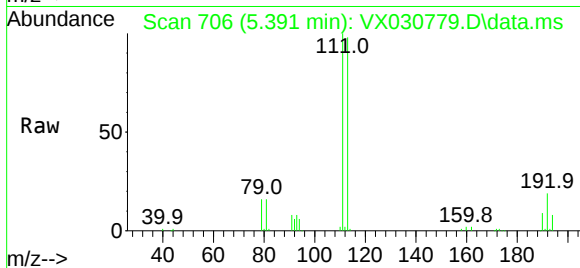
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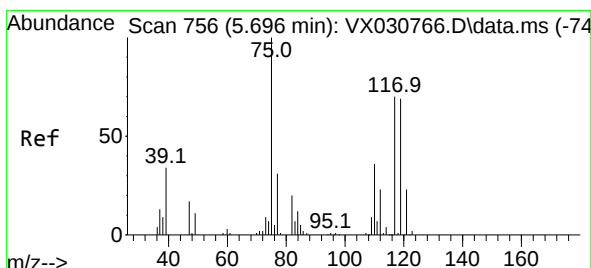
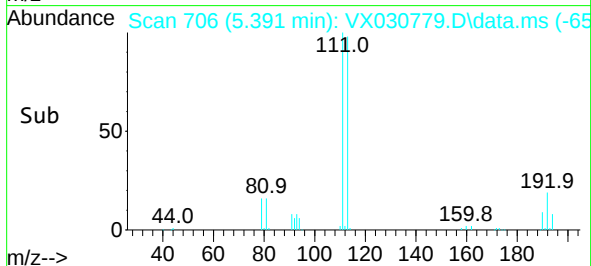
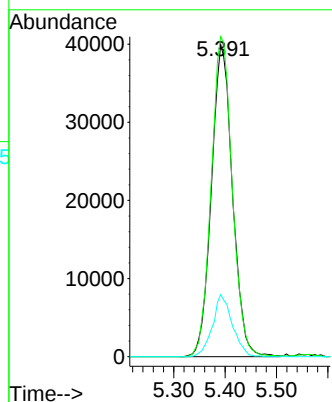
Tgt Ion:113 Resp: 113562

Ion Ratio Lower Upper

113 100

111 102.6 83.2 124.8

192 18.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 5.388 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX030779.D

Acq: 25 Aug 2022 18:22

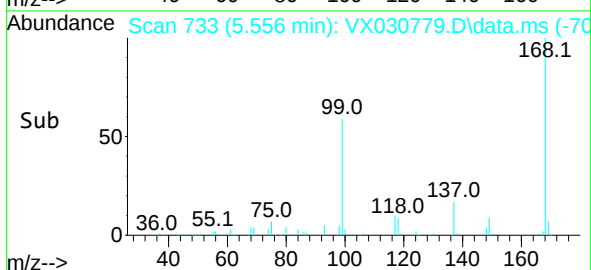
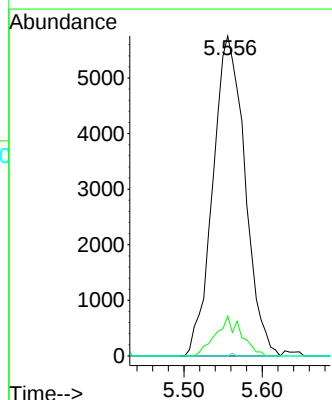
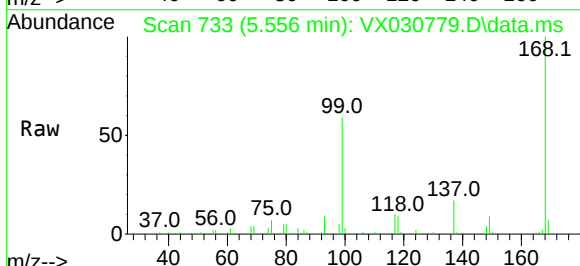
Tgt Ion: 75 Resp: 16341

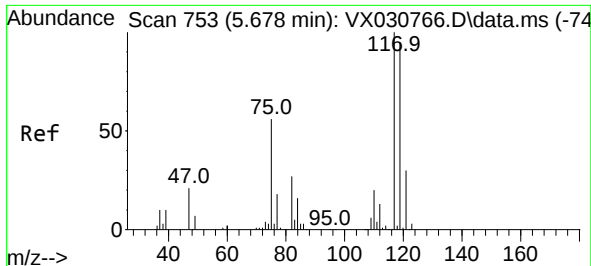
Ion Ratio Lower Upper

75 100

110 10.0 19.3 57.9#

77 0.1 24.4 36.6#

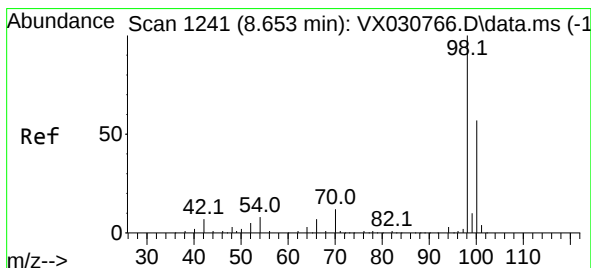
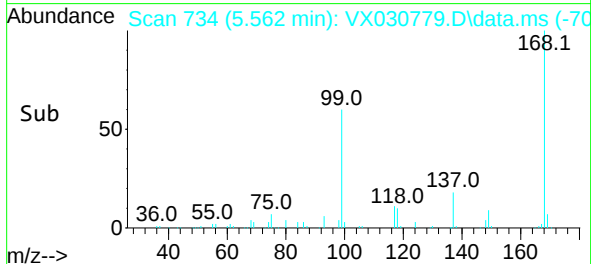
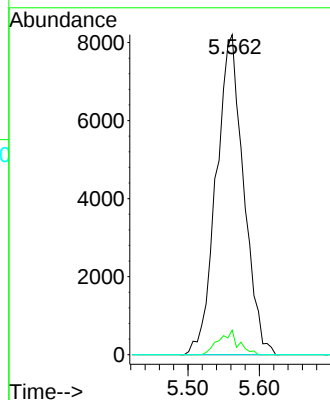
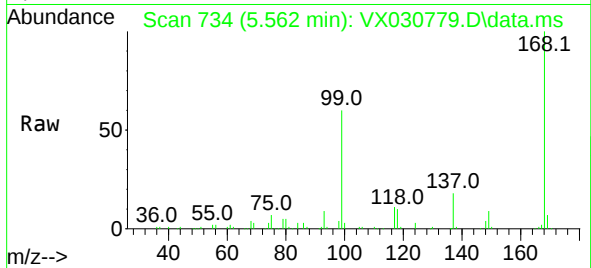




#38
Carbon Tetrachloride
Concen: 6.808 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

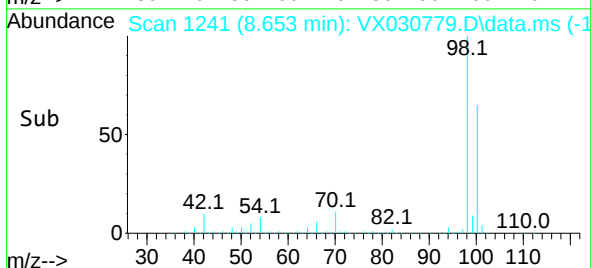
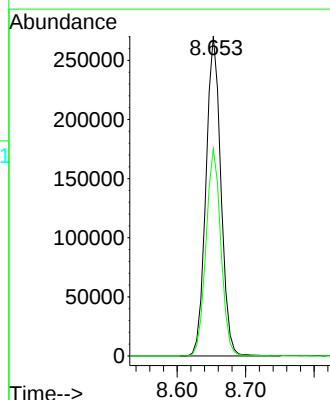
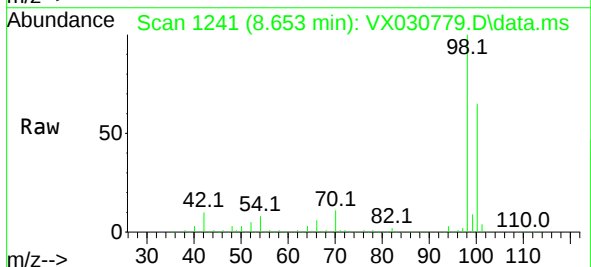
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

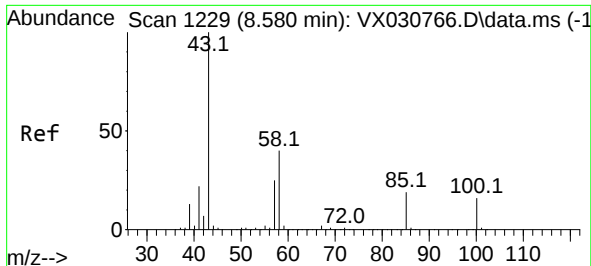
Tgt Ion:117 Resp: 21782
Ion Ratio Lower Upper
117 100
119 7.6 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 52.918 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

Tgt Ion: 98 Resp: 410734
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.469 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.073 min

Lab File: VX030779.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_X

ClientSampleId :

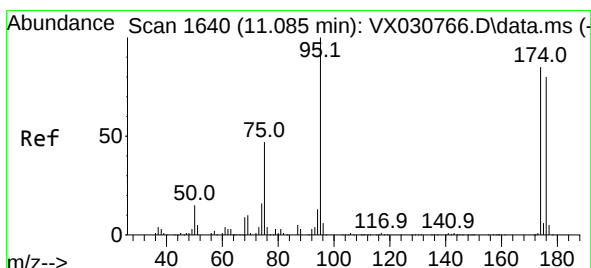
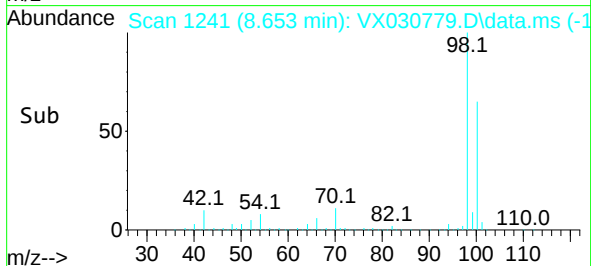
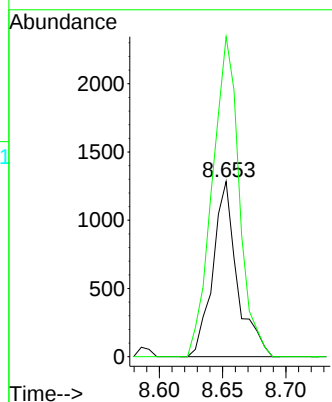
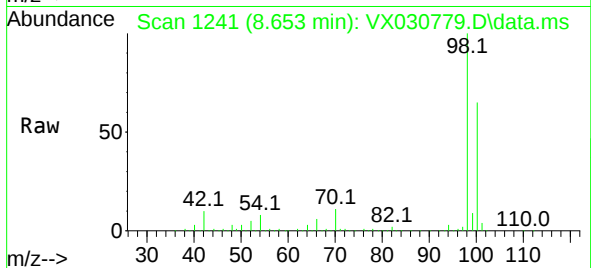
TB01-20220816

Tgt Ion: 43 Resp: 1713

Ion Ratio Lower Upper

43 100

58 202.4 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 48.156 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030779.D

Acq: 25 Aug 2022 18:22

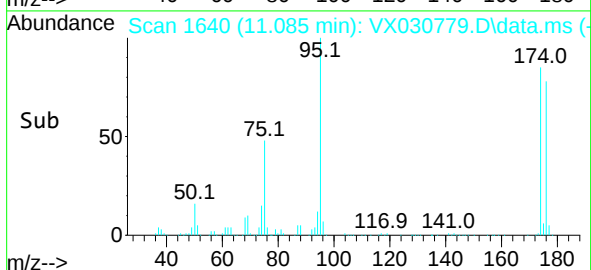
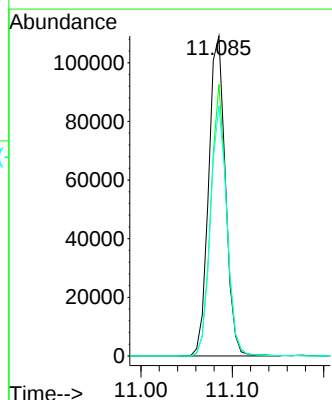
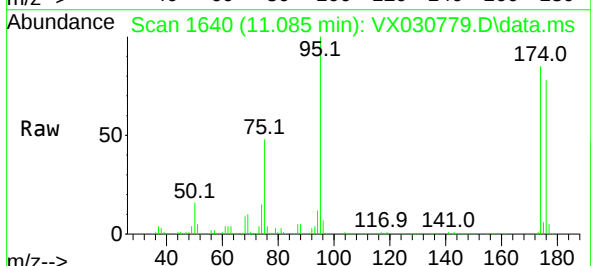
Tgt Ion: 95 Resp: 139155

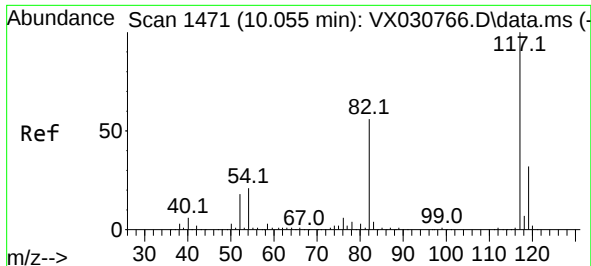
Ion Ratio Lower Upper

95 100

174 79.7 0.0 149.0

176 76.7 0.0 146.0

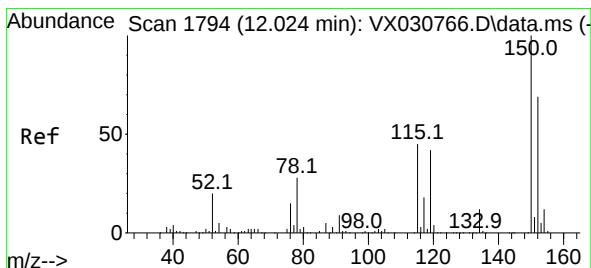
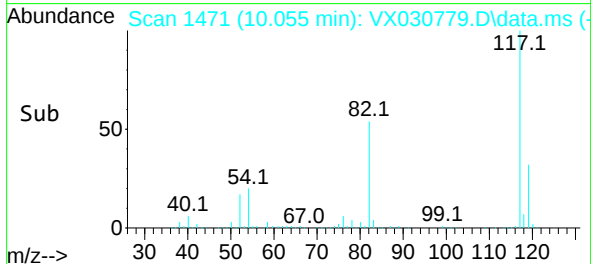
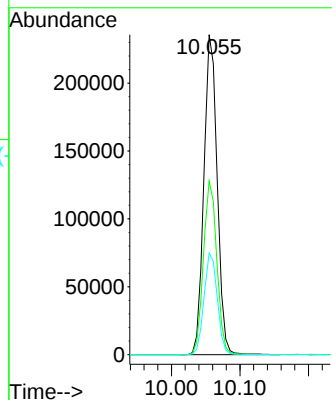
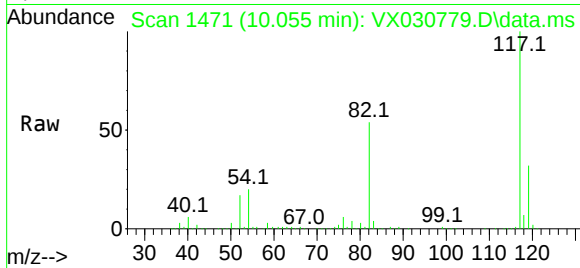




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

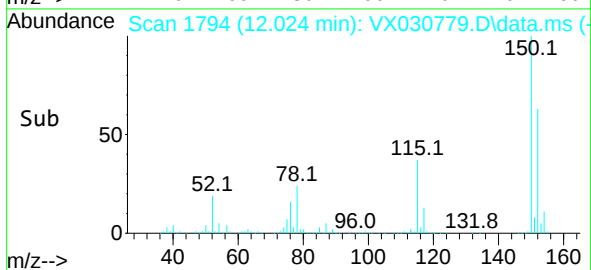
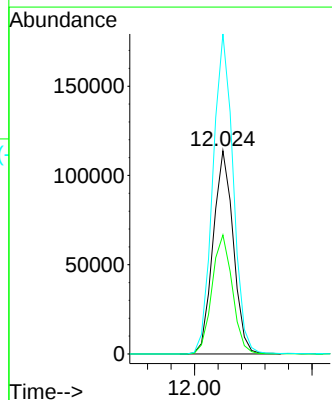
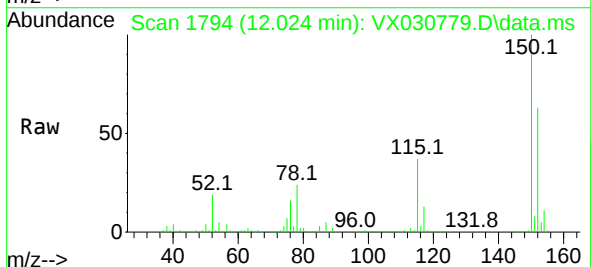
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

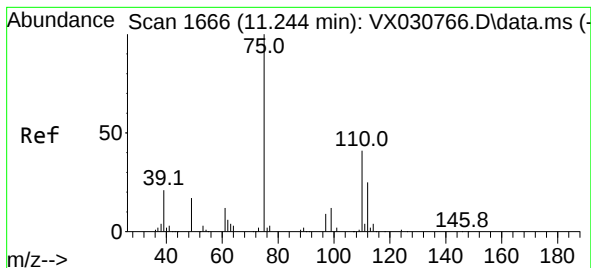
Tgt Ion:117 Resp: 319121
Ion Ratio Lower Upper
117 100
82 54.4 42.7 64.1
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030779.D
Acq: 25 Aug 2022 18:22

Tgt Ion:152 Resp: 135842
Ion Ratio Lower Upper
152 100
115 59.1 40.5 121.5
150 158.6 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 22.540 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX030779.D

Acq: 25 Aug 2022 18:22

Instrument :

MSVOA_X

ClientSampleId :

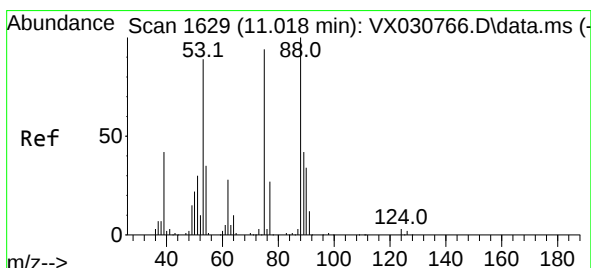
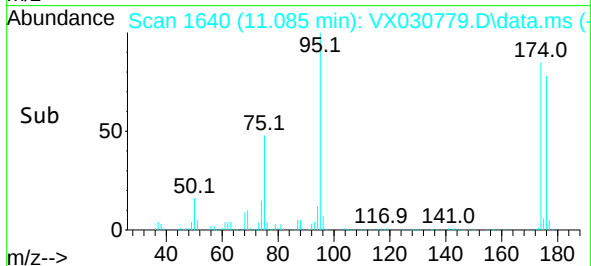
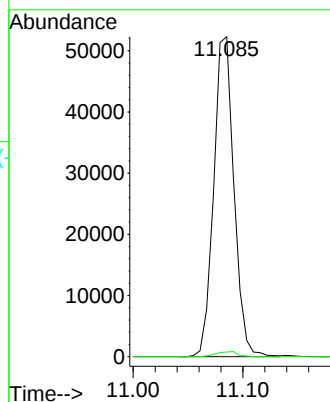
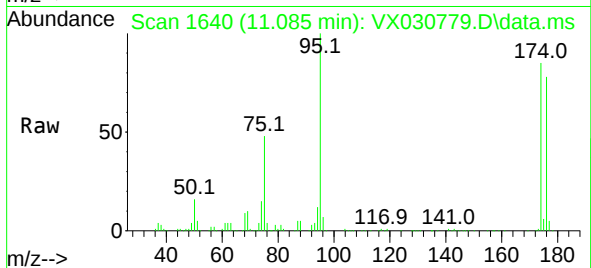
TB01-20220816

Tgt Ion: 75 Resp: 67082

Ion Ratio Lower Upper

75 100

77 1.6 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.724 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX030779.D

Acq: 25 Aug 2022 18:22

Tgt Ion: 75 Resp: 67082

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

