

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070720\NOT REVIEWED DATA\
 Data File : VX017195.D
 Acq On : 07 Jul 2020 12:04
 Operator : JC/SP
 Sample : L3210-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20200701

Quant Time: Jul 10 12:11:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

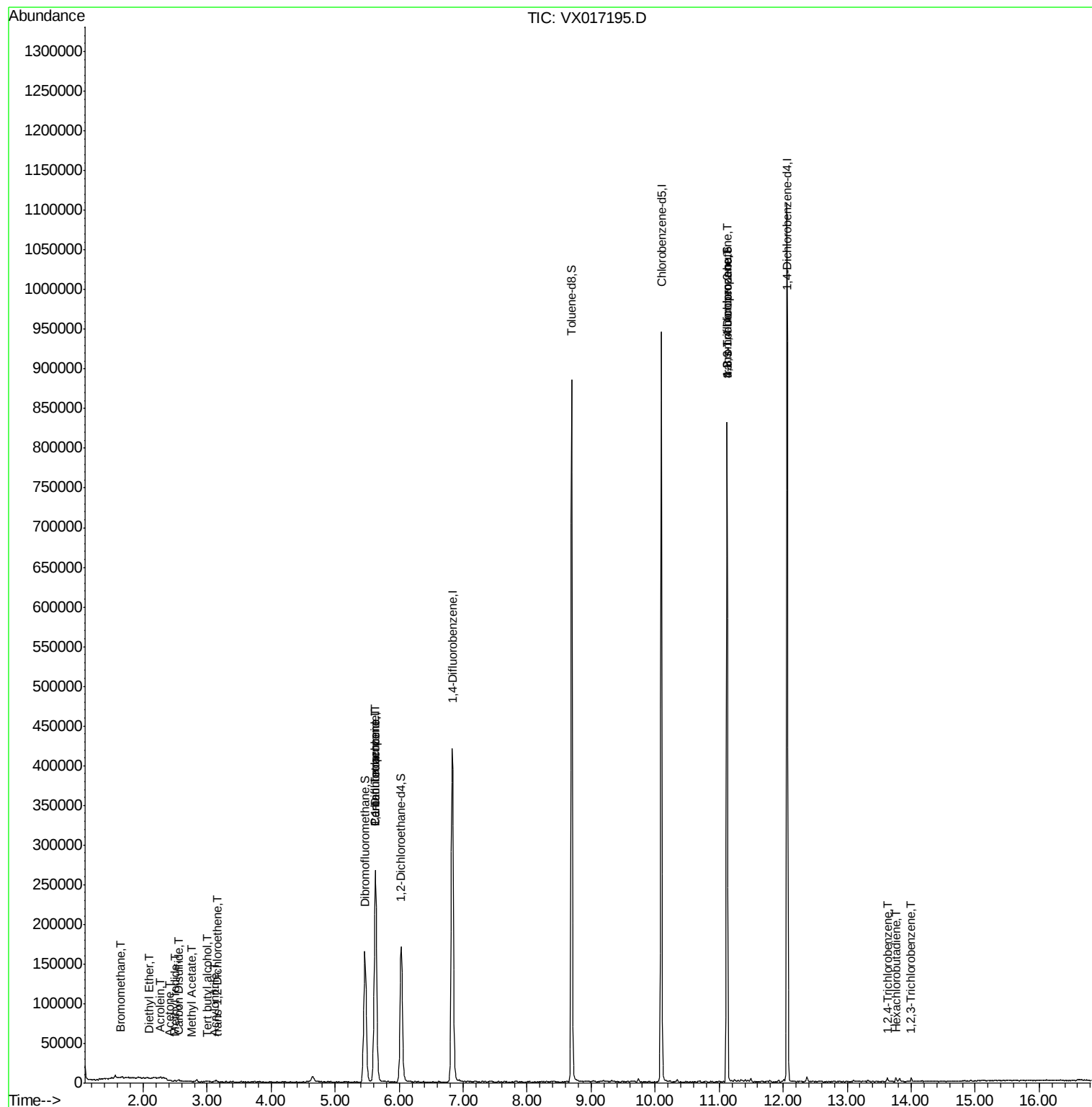
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	254114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	426319	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	165910	52.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.92%	
35) Dibromofluoromethane	5.46	113	141245	52.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.76%	
50) Toluene-d8	8.70	98	515497	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.12	95	207196	53.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.30%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	551	0.378	ug/l #	77
8) Diethyl Ether	2.11	74	99	0.437	ug/l	94
10) Methyl Iodide	2.50	142	855	0.271	ug/l #	91
11) Tert butyl alcohol	3.01	59	147	0.246	ug/l #	1
13) Acrolein	2.28	56	613	1.716	ug/l	92
15) Acrylonitrile	3.12	53	691	0.481	ug/l #	80
16) Acetone	2.42	43	827	0.706	ug/l	99
17) Carbon Disulfide	2.55	76	2467	0.374	ug/l #	91
18) Methyl Acetate	2.75	43	643	0.210	ug/l #	66
20) Methylene Chloride	2.84	84	885	Below Cal	#	76
21) trans-1,2-Dichloroethene	3.16	96	568	0.204	ug/l #	33
36) 1,1-Dichloropropene	5.64	75	18155	4.506	ug/l #	51
38) Carbon Tetrachloride	5.63	117	25226	5.684	ug/l #	17
44) Trichloroethene	7.19	130	540	Below Cal		66
76) 1,2,3-Trichloropropane	11.12	75	103556	23.001	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.12	75	103556	59.564	ug/l #	13
88) 1,4-Dichlorobenzene	12.01	146	1120	Below Cal		90
93) 1,2,4-Trichlorobenzene	13.63	180	1190	0.249	ug/l	75
94) Hexachlorobutadiene	13.77	225	816	1.287	ug/l	95
96) 1,2,3-Trichlorobenzene	14.00	180	1173	0.254	ug/l	88

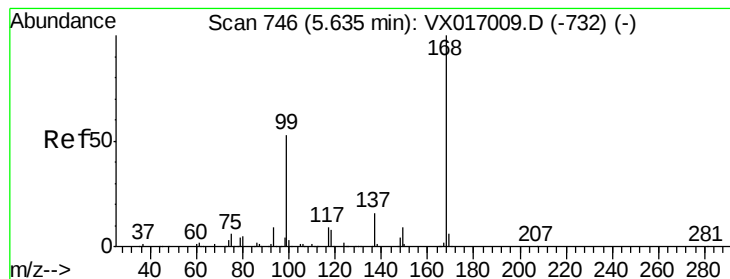
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX070720\NOT REVIEWED DATA\
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ClientSampled :
TT-TB-20200701

Quant Time: Jul 10 12:11:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

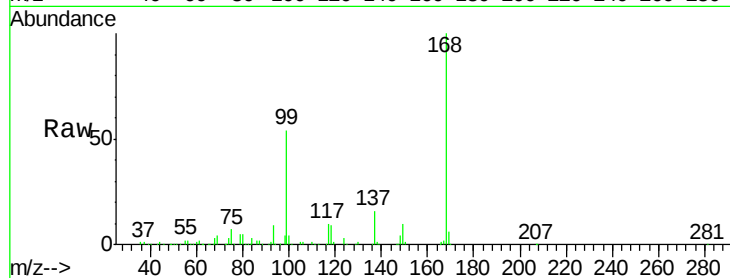
TT-TB-20200701

Tgt Ion:168 Resp: 254114

Ion Ratio Lower Upper

168 100

99 54.0 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

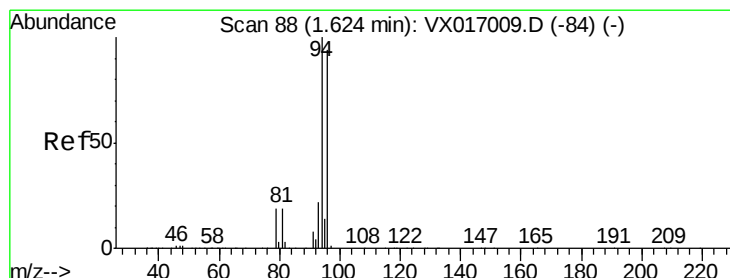
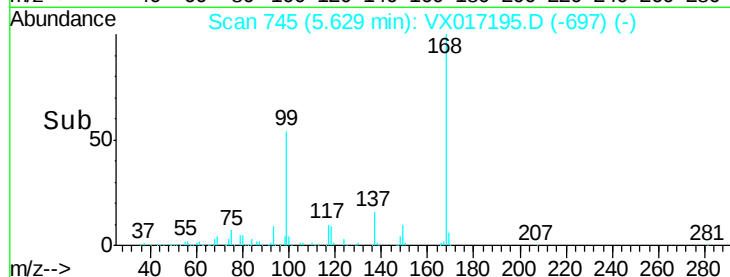
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.378 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX017195.D

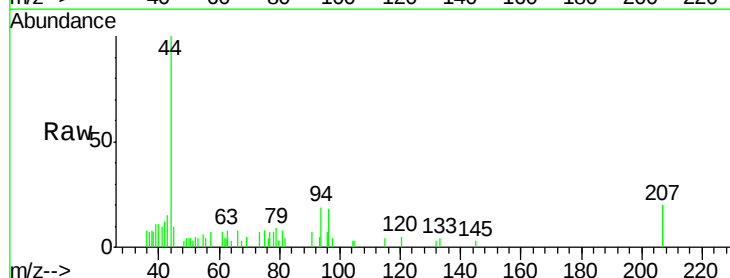
Acq: 07 Jul 2020 12:04

Tgt Ion: 94 Resp: 551

Ion Ratio Lower Upper

94 100

96 115.6 75.0 112.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

300

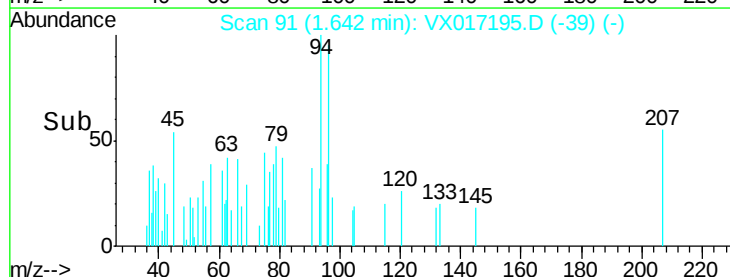
200

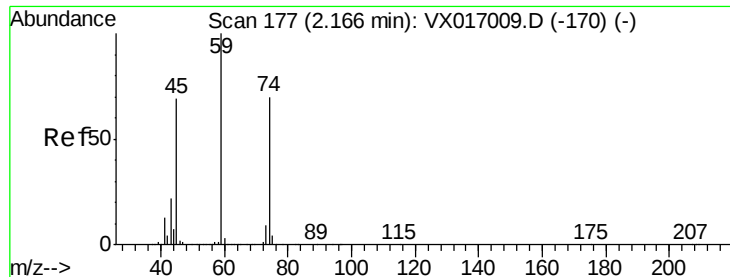
100

0

Time-->

1.60 1.65 1.70





#8

Diethyl Ether

Concen: 0.437 ug/l

RT: 2.11 min Scan# 167

Delta R.T. -0.06 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

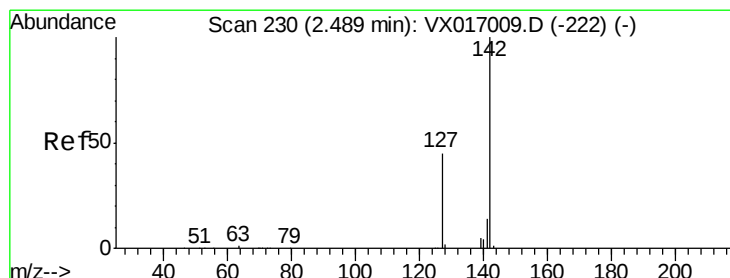
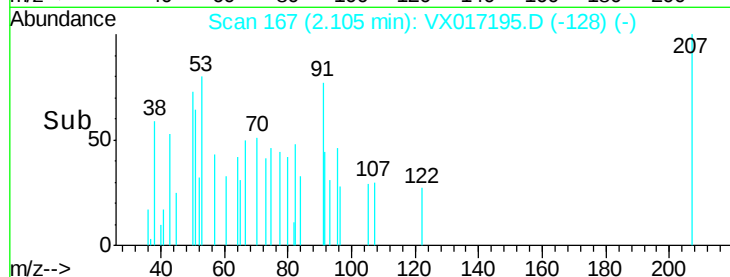
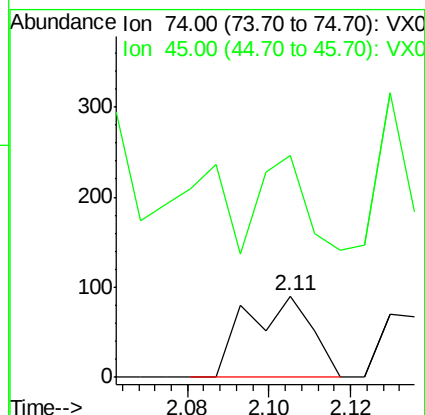
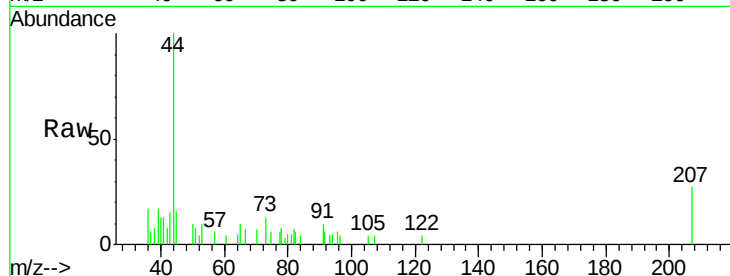
TT-TB-20200701

Tgt Ion: 74 Resp: 99

Ion Ratio Lower Upper

74 100

45 105.1 49.8 149.3



#10

Methyl Iodide

Concen: 0.271 ug/l

RT: 2.50 min Scan# 232

Delta R.T. 0.01 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

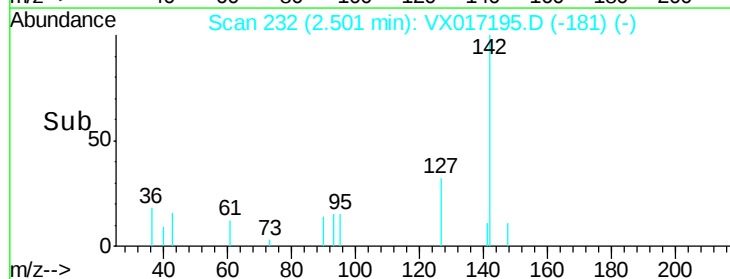
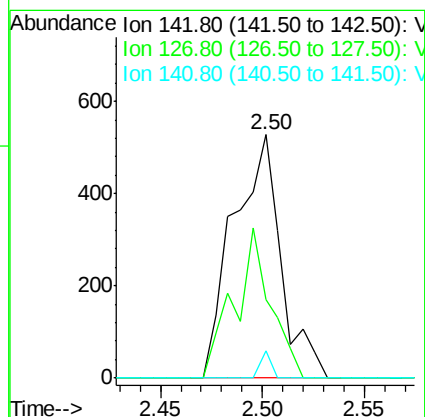
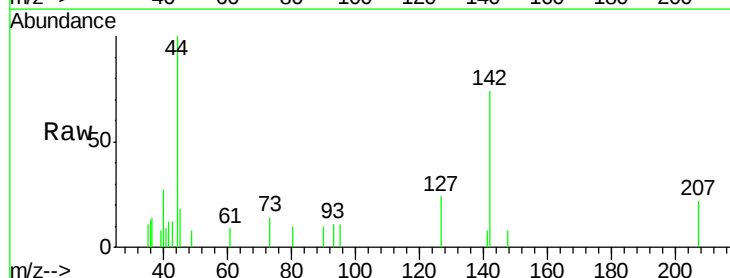
Tgt Ion: 142 Resp: 855

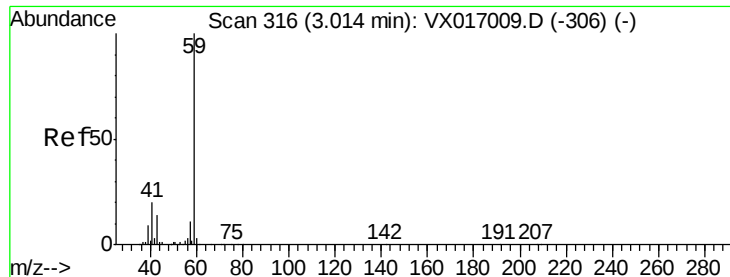
Ion Ratio Lower Upper

142 100

127 47.0 36.6 54.8

141 2.6 11.6 17.4#

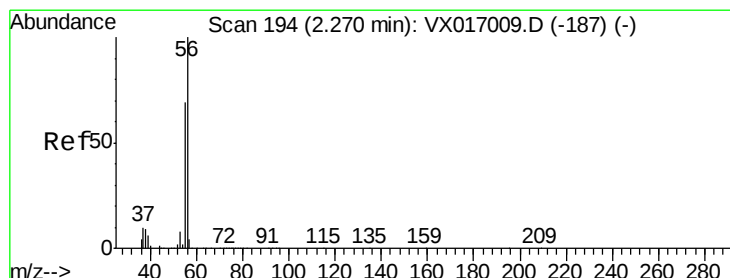
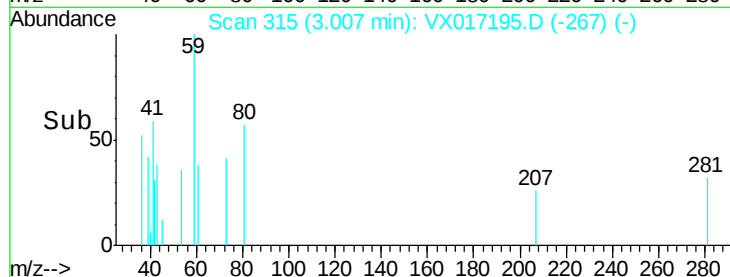
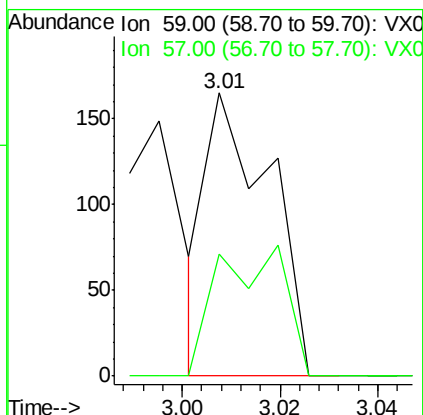
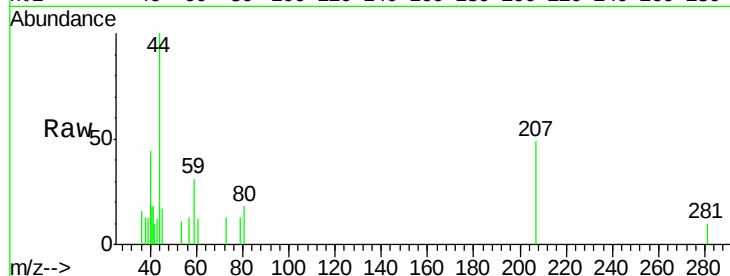




#11
Tert butyl alcohol
Concen: 0.246 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017195.D
Acq: 07 Jul 2020 12:04

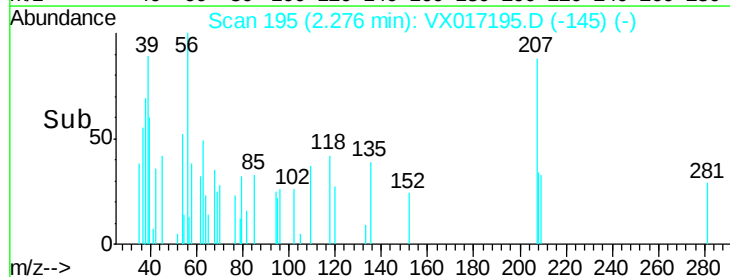
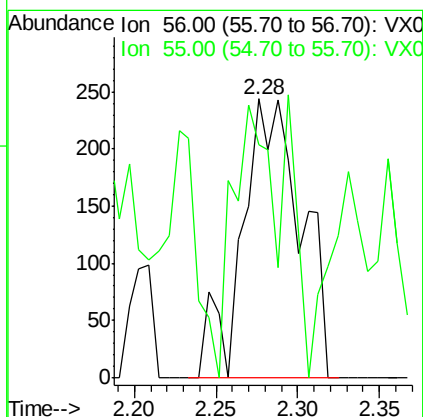
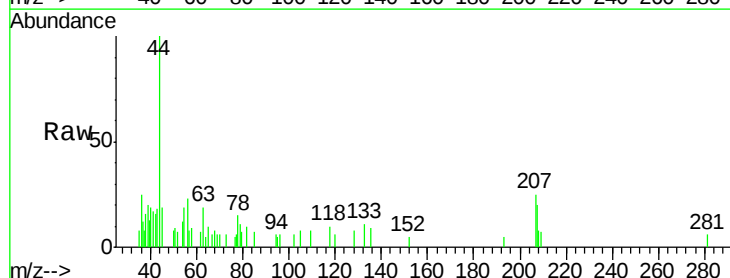
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20200701

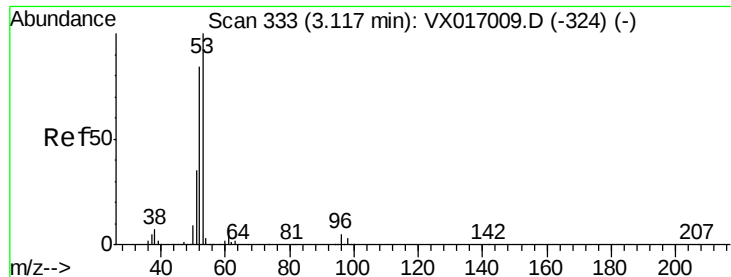
Tgt Ion: 59 Resp: 147
Ion Ratio Lower Upper
59 100
57 49.0 8.2 12.2#



#13
Acrolein
Concen: 1.716 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX017195.D
Acq: 07 Jul 2020 12:04

Tgt Ion: 56 Resp: 613
Ion Ratio Lower Upper
56 100
55 63.5 55.7 83.5





#15

Acrylonitrile

Concen: 0.481 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200701

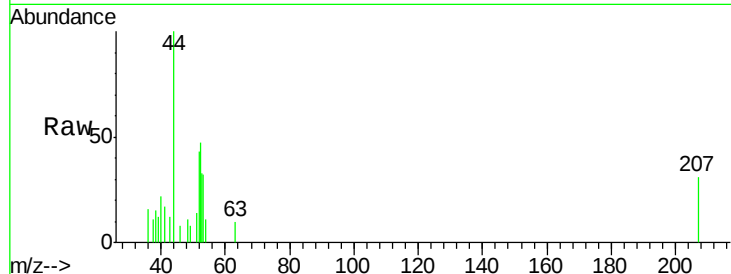
Tgt Ion: 53 Resp: 691

Ion Ratio Lower Upper

53 100

52 106.8 65.6 98.4#

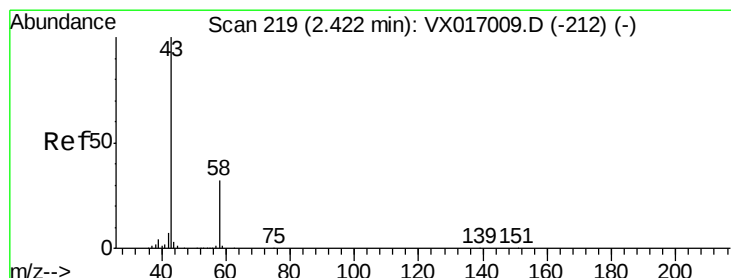
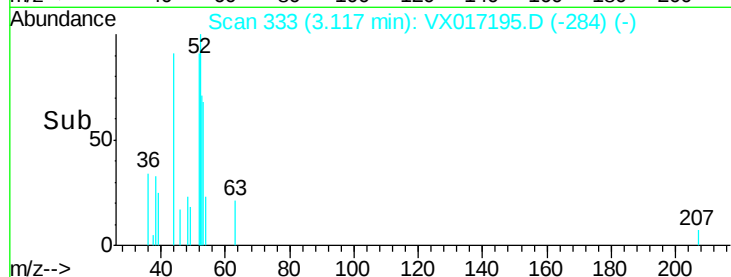
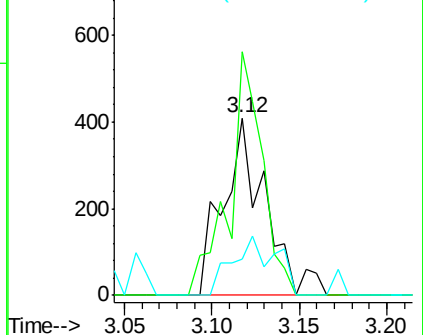
51 34.0 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.706 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017195.D

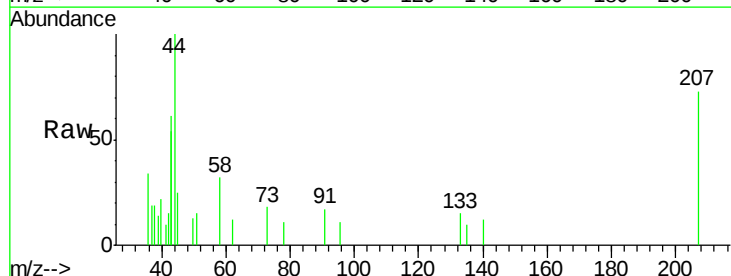
Acq: 07 Jul 2020 12:04

Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

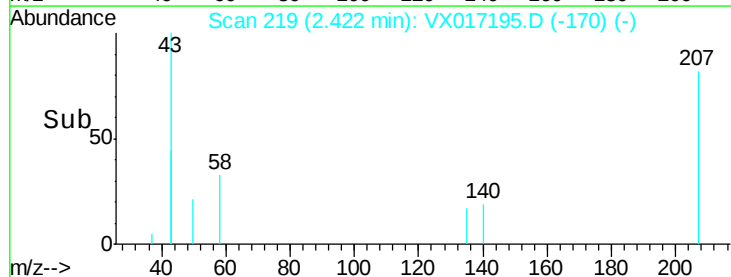
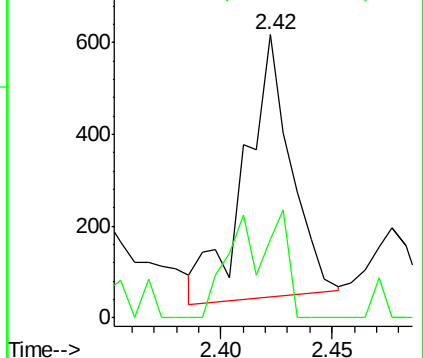
43 100

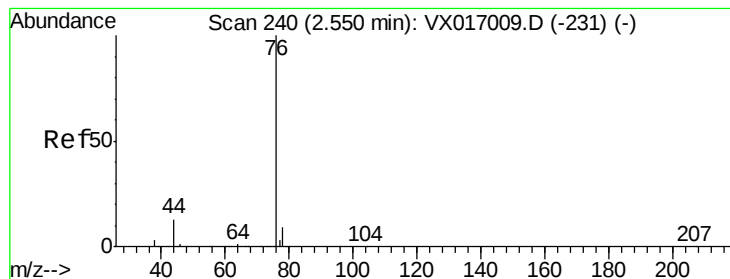
58 31.3 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.374 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

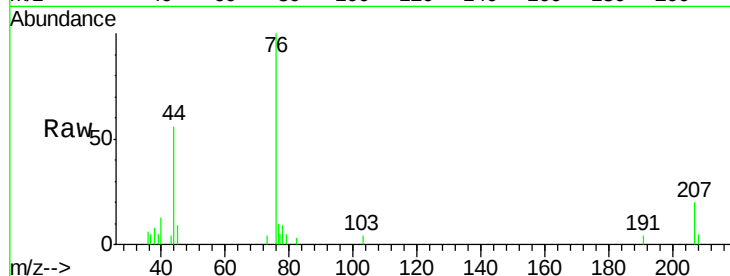
TT-TB-20200701

Tgt Ion: 76 Resp: 2467

Ion Ratio Lower Upper

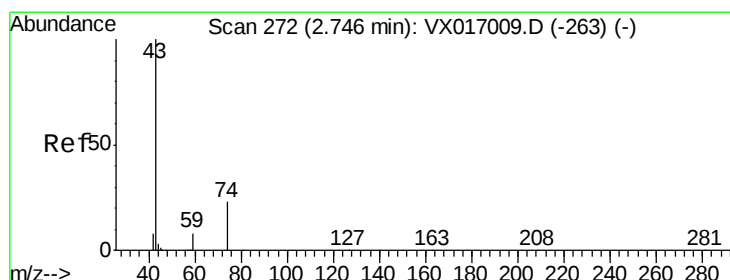
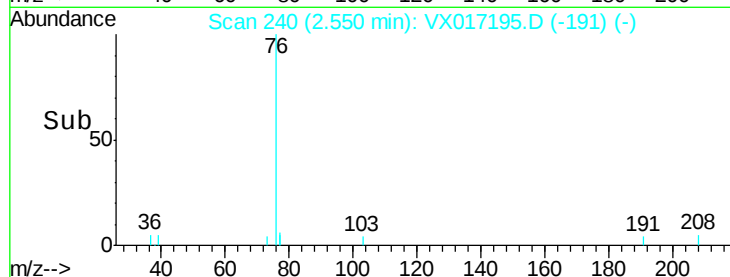
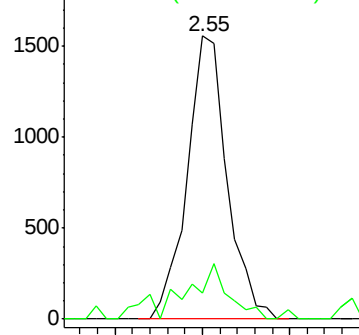
76 100

78 5.6 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.210 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX017195.D

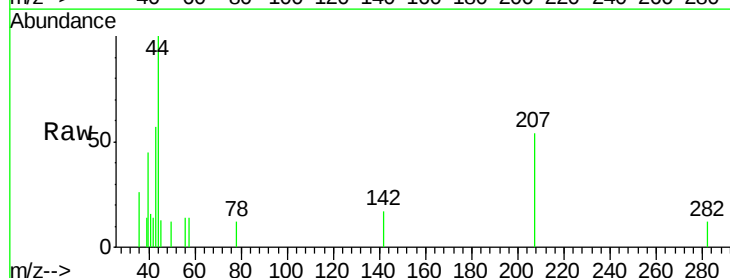
Acq: 07 Jul 2020 12:04

Tgt Ion: 43 Resp: 643

Ion Ratio Lower Upper

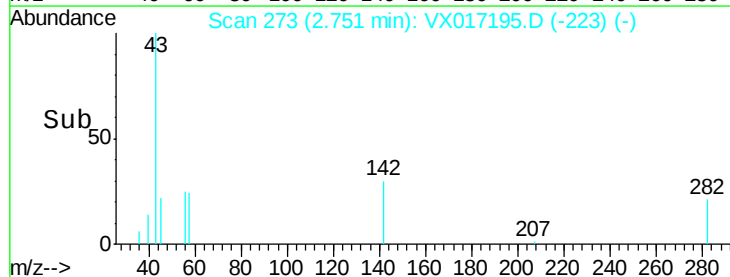
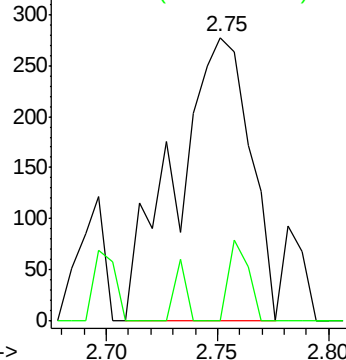
43 100

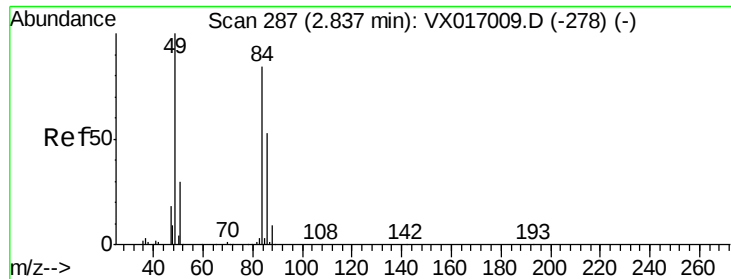
74 7.5 19.3 28.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

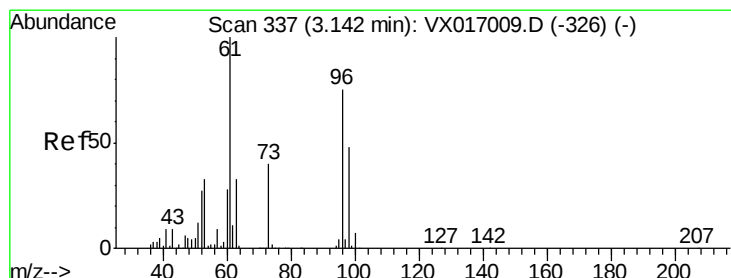
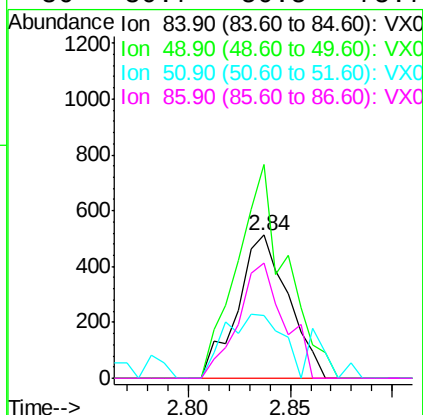
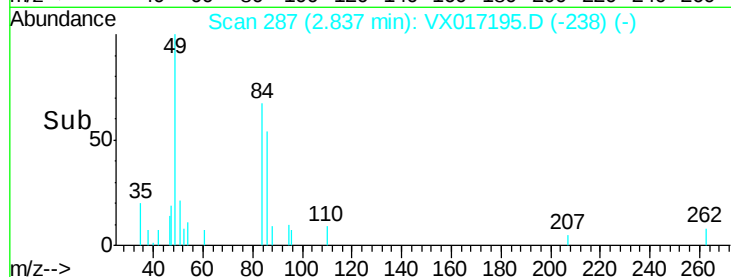
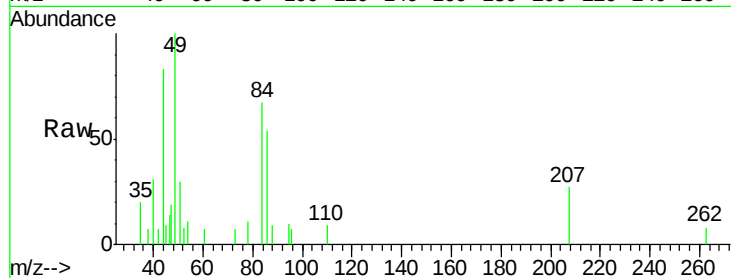




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017195.D
Acq: 07 Jul 2020 12:04

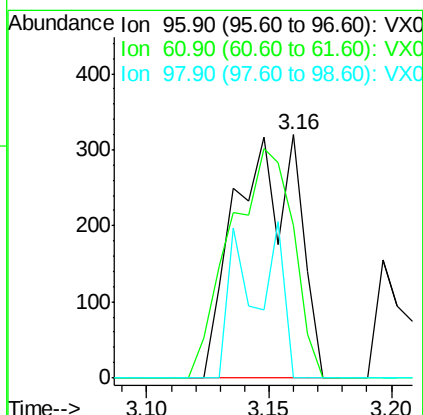
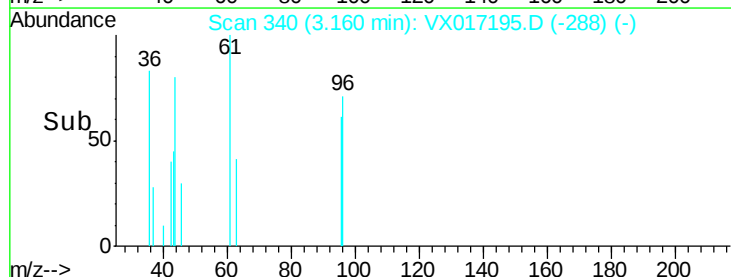
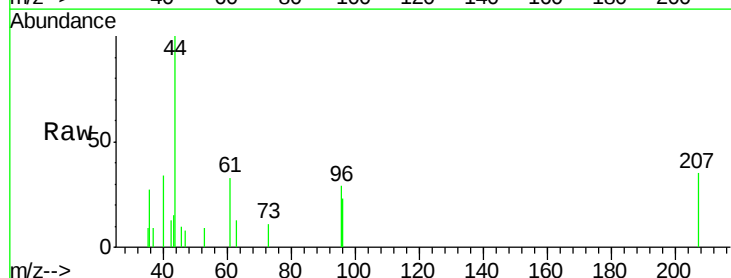
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20200701

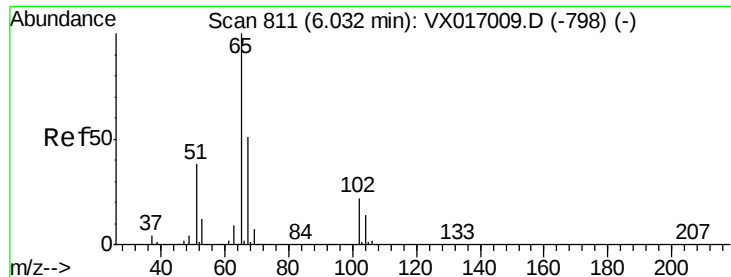
Tgt Ion: 84 Resp: 885
Ion Ratio Lower Upper
84 100
49 149.4 94.7 142.1#
51 44.1 28.6 42.8#
86 80.7 50.5 75.7#



#21
trans-1,2-Dichloroethene
Concen: 0.204 ug/l
RT: 3.16 min Scan# 340
Delta R.T. 0.02 min
Lab File: VX017195.D
Acq: 07 Jul 2020 12:04

Tgt Ion: 96 Resp: 568
Ion Ratio Lower Upper
96 100
61 62.8 107.0 160.6#
98 0.0 51.6 77.4#





#33

1,2-Dichloroethane-d4

Concen: 52.960 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

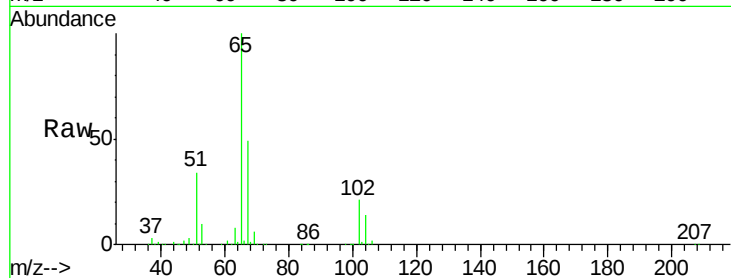
TT-TB-20200701

Tgt Ion: 65 Resp: 165910

Ion Ratio Lower Upper

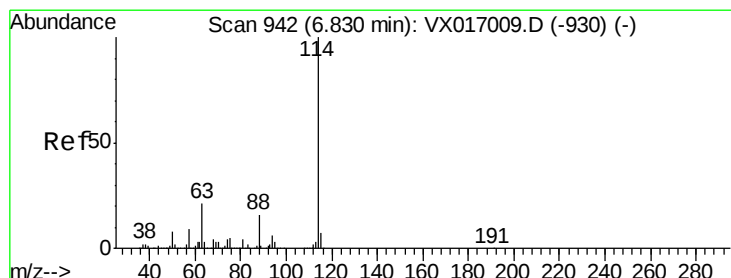
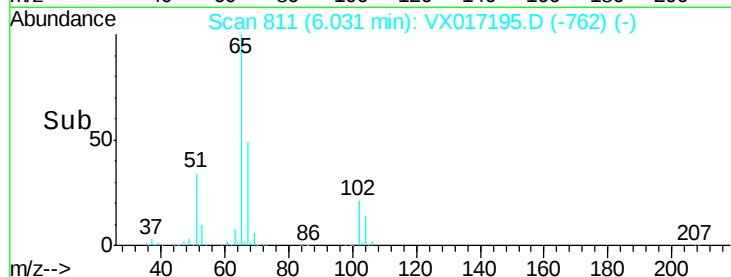
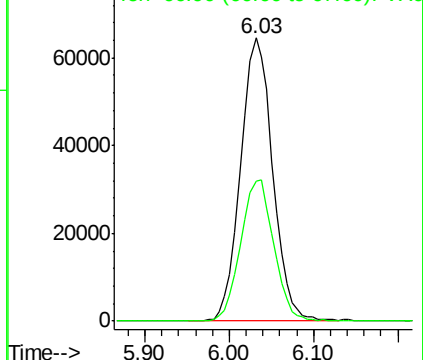
65 100

67 51.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

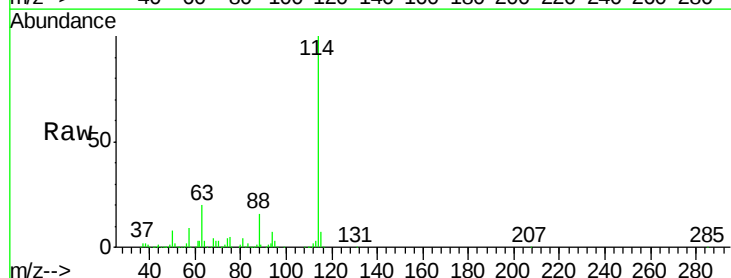
Tgt Ion: 114 Resp: 426319

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.4

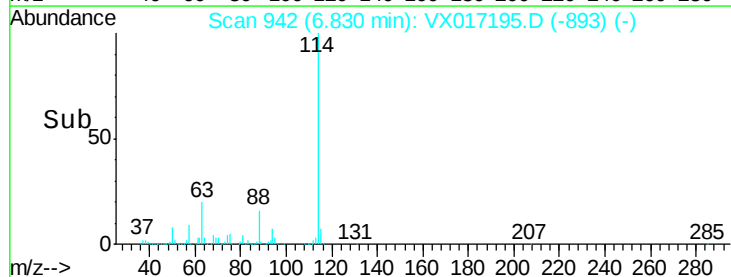
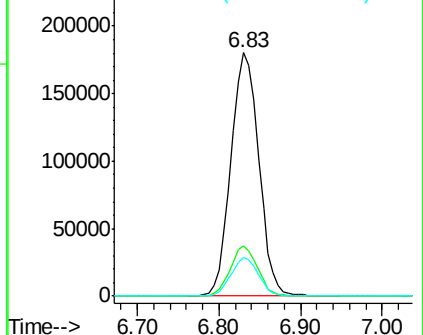
88 15.9 0.0 32.4

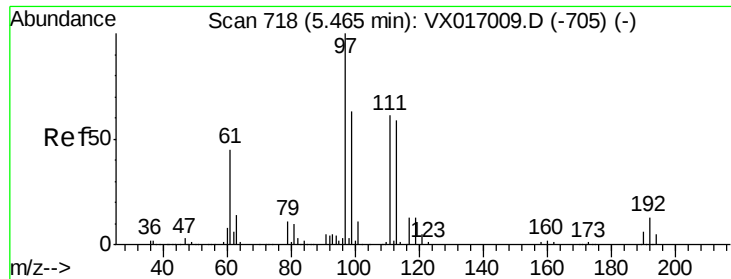


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

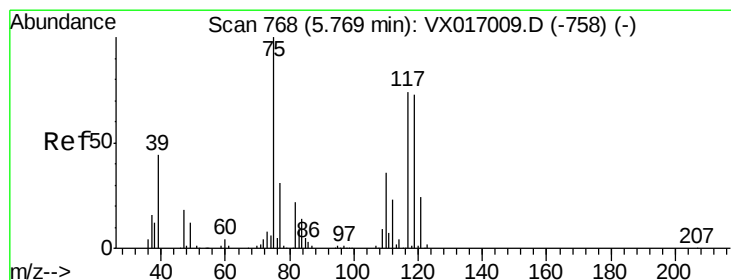
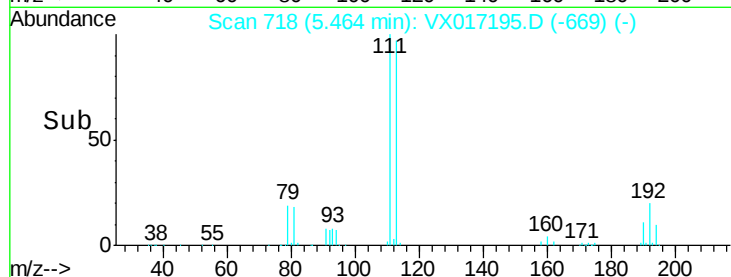
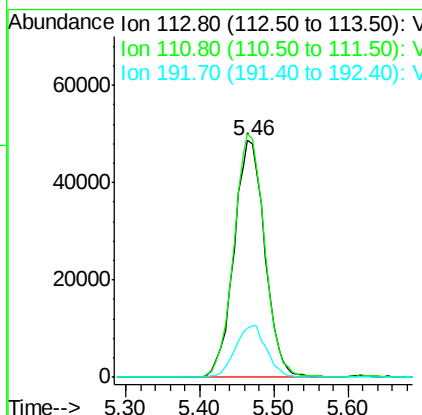
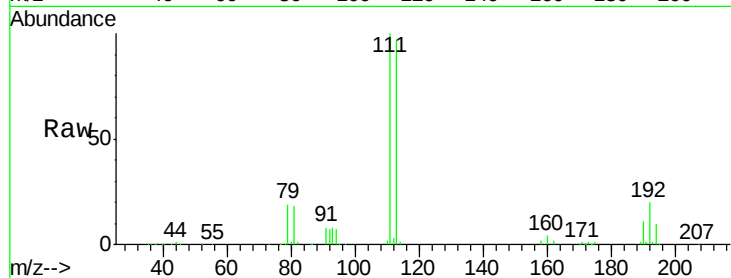




#35
Dibromofluoromethane
Concen: 52.376 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017195.D
Acq: 07 Jul 2020 12:04

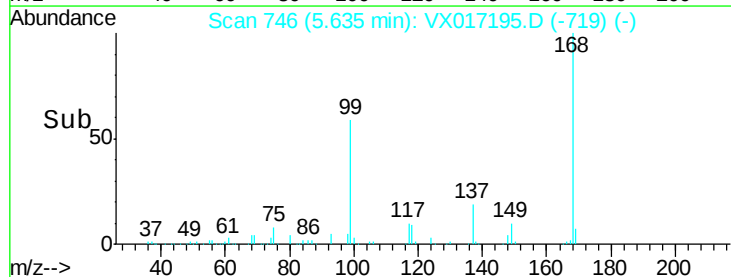
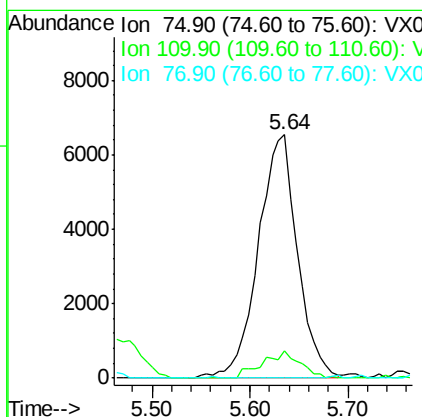
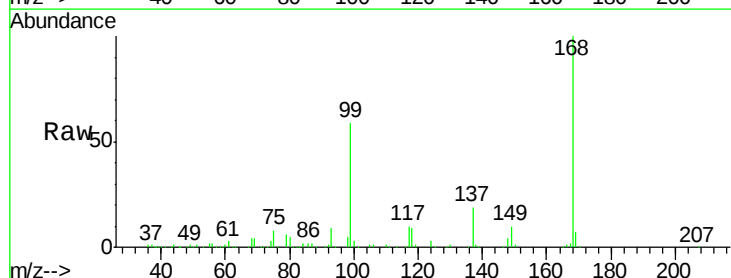
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20200701

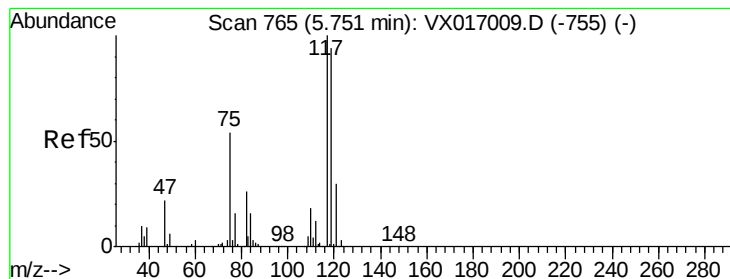
Tgt Ion:113 Resp: 141245
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 21.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.506 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.13 min
Lab File: VX017195.D
Acq: 07 Jul 2020 12:04

Tgt Ion: 75 Resp: 18155
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.1#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.684 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.12 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200701

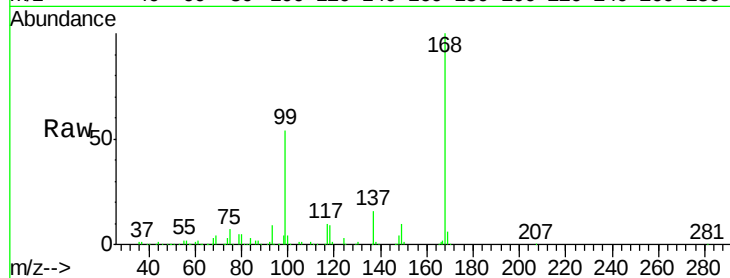
Tgt Ion:117 Resp: 25226

Ion Ratio Lower Upper

117 100

119 5.8 75.4 113.0#

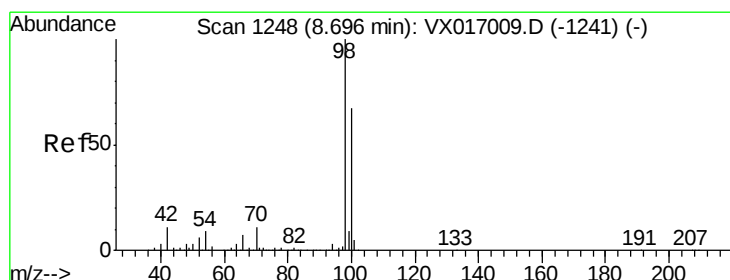
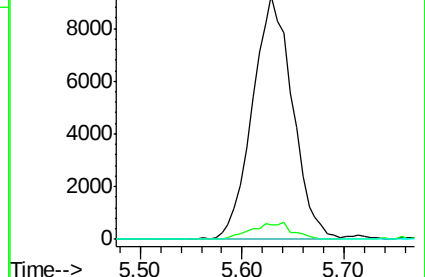
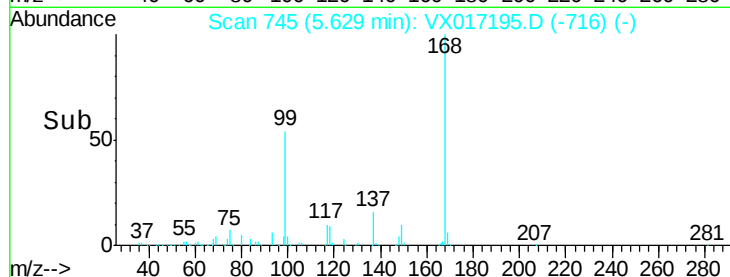
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 51.694 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017195.D

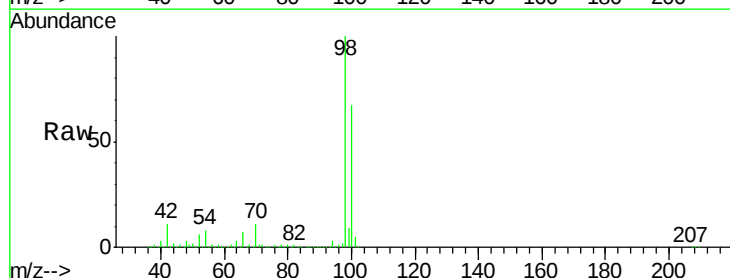
Acq: 07 Jul 2020 12:04

Tgt Ion: 98 Resp: 515497

Ion Ratio Lower Upper

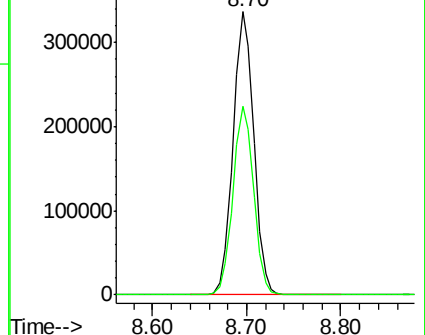
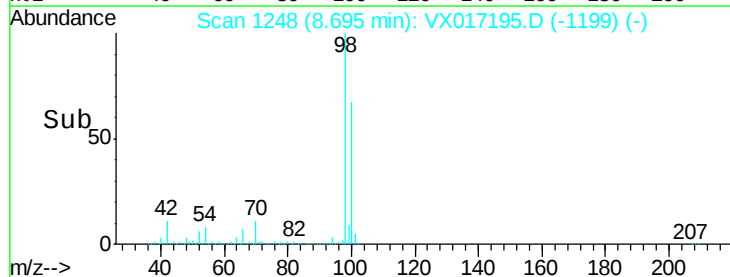
98 100

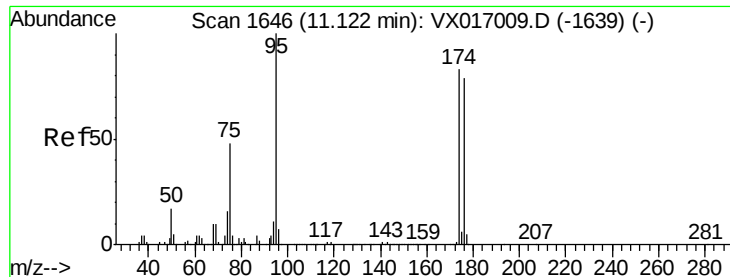
100 66.4 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.152 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200701

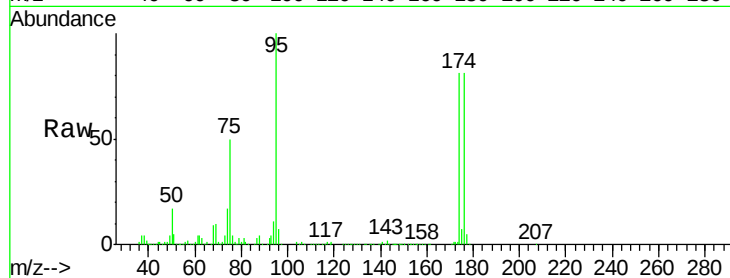
Tgt Ion: 95 Resp: 207196

Ion Ratio Lower Upper

95 100

174 85.6 0.0 164.0

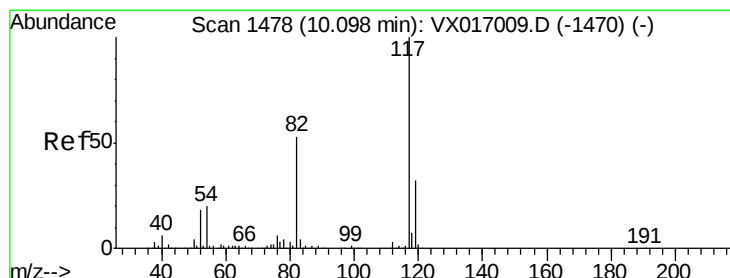
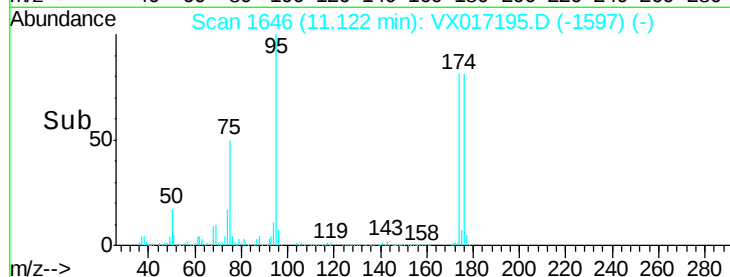
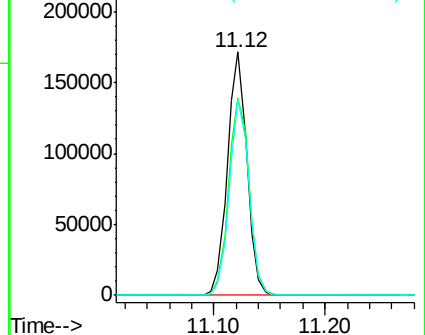
176 81.6 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

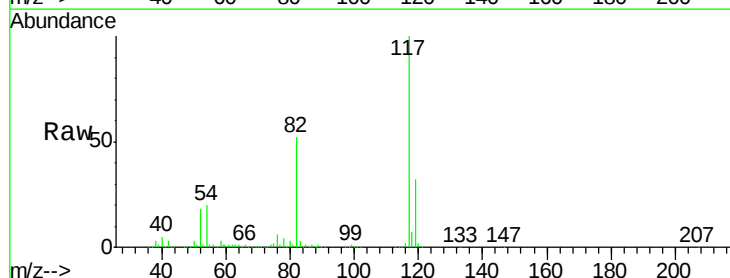
Tgt Ion: 117 Resp: 430680

Ion Ratio Lower Upper

117 100

82 51.9 42.6 63.8

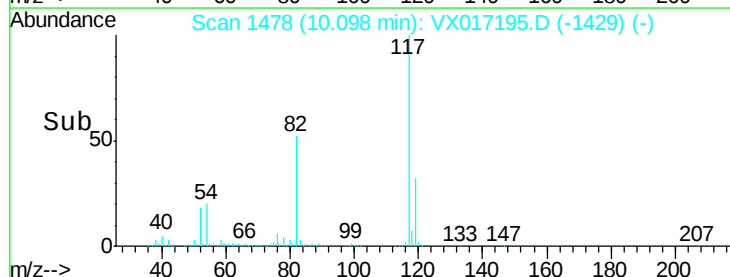
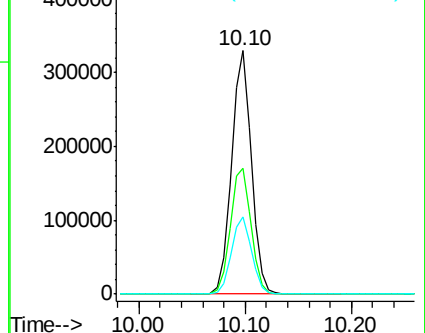
119 31.7 25.4 38.2

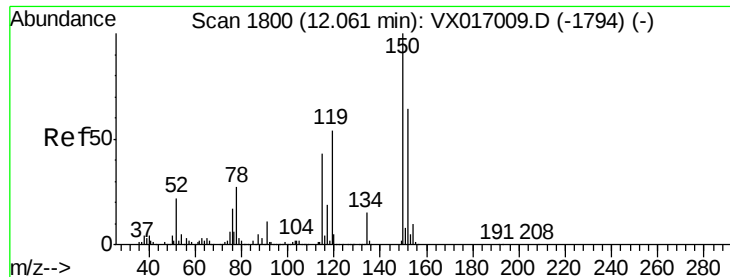


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200701

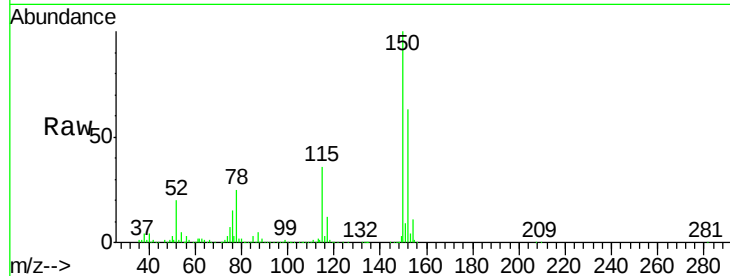
Tgt Ion:152 Resp: 228956

Ion Ratio Lower Upper

152 100

115 57.0 40.9 122.7

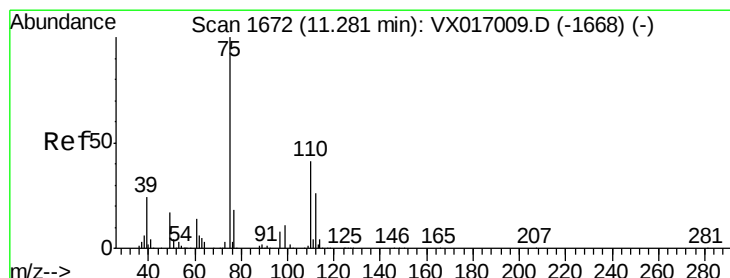
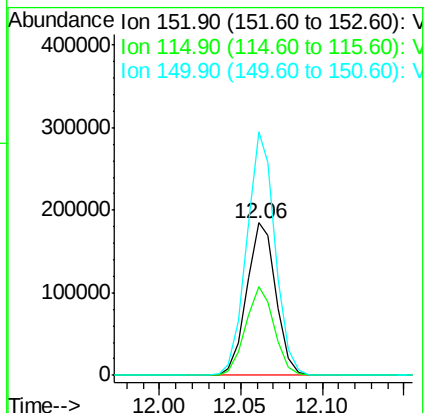
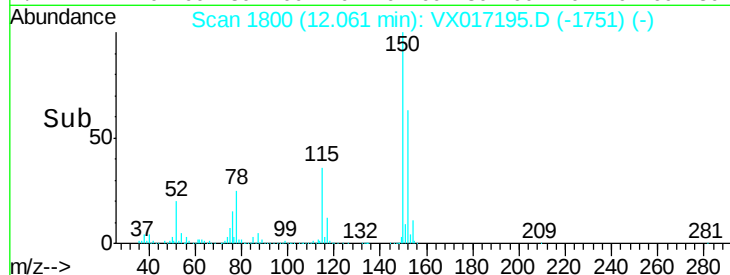
150 156.0 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 23.001 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX017195.D

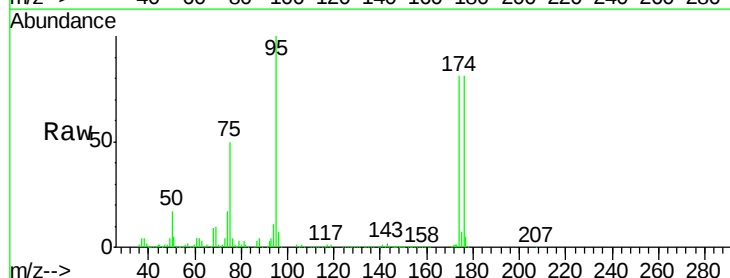
Acq: 07 Jul 2020 12:04

Tgt Ion: 75 Resp: 103556

Ion Ratio Lower Upper

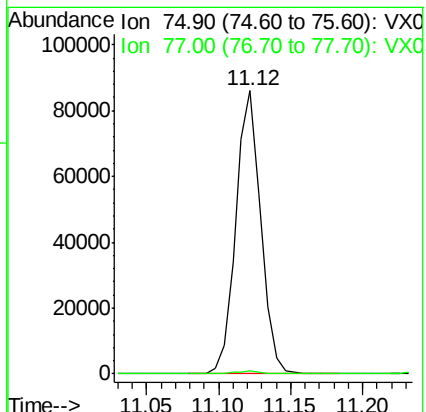
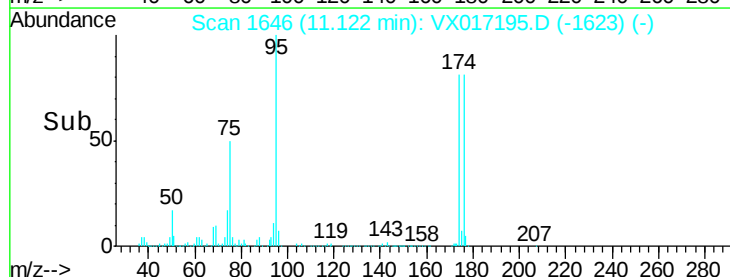
75 100

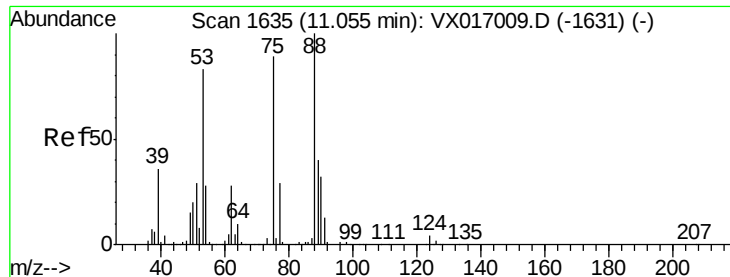
77 1.2 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 59.564 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200701

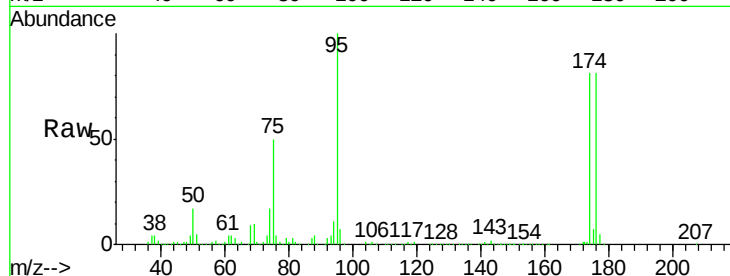
Tgt Ion: 75 Resp: 103556

Ion Ratio Lower Upper

75 100

53 0.3 72.4 108.6#

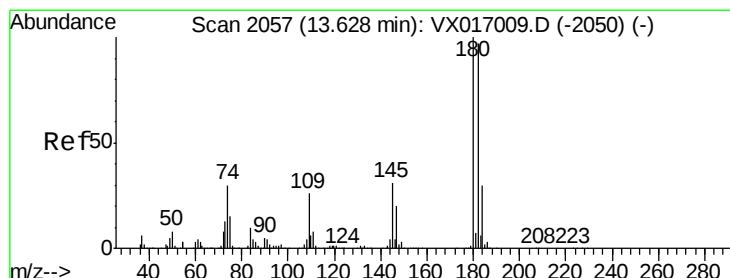
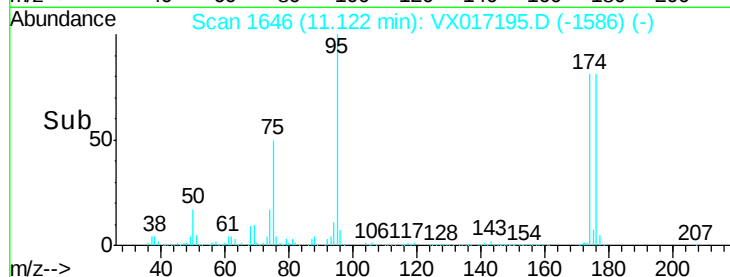
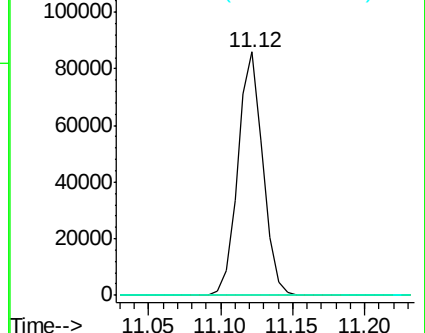
89 0.0 37.0 55.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#93

1,2,4-Trichlorobenzene

Concen: 0.249 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

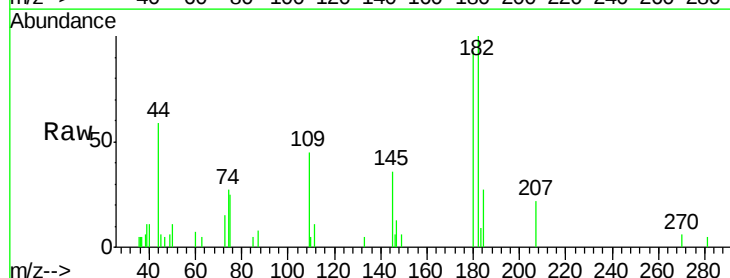
Tgt Ion: 180 Resp: 1190

Ion Ratio Lower Upper

180 100

182 119.9 47.3 141.9

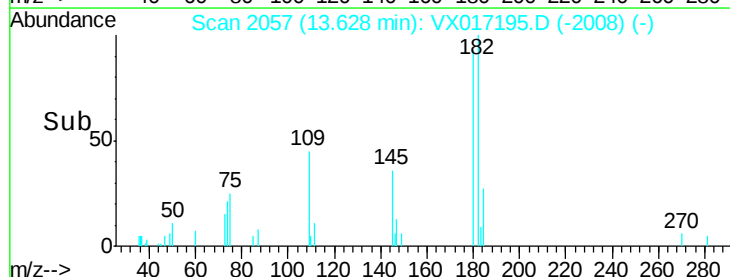
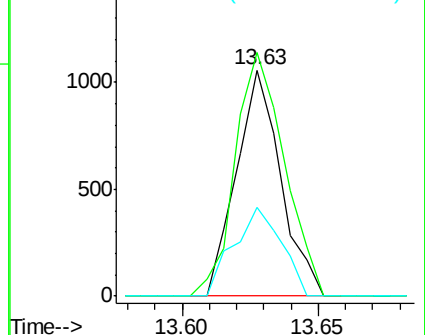
145 42.3 15.4 46.2

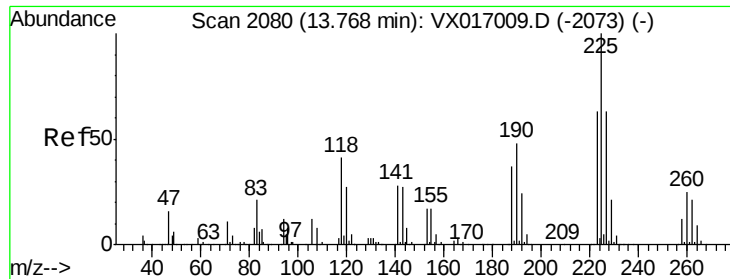


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 1.287 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20200701

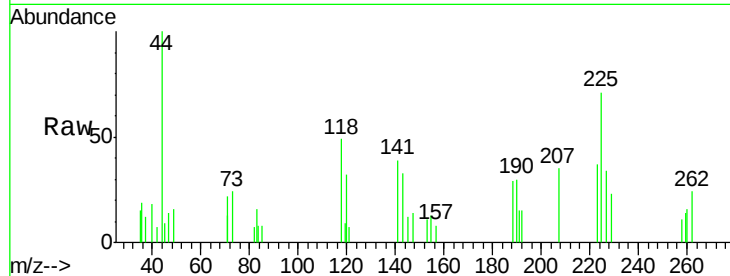
Tgt Ion:225 Resp: 816

Ion Ratio Lower Upper

225 100

223 65.3 32.5 97.5

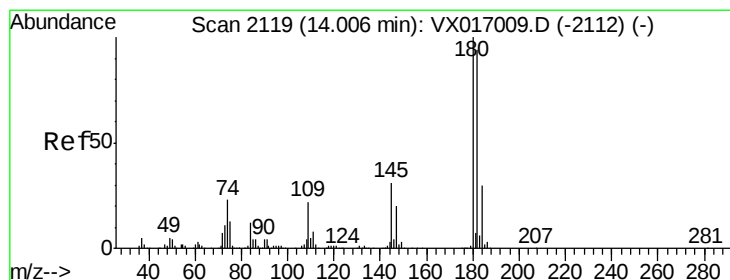
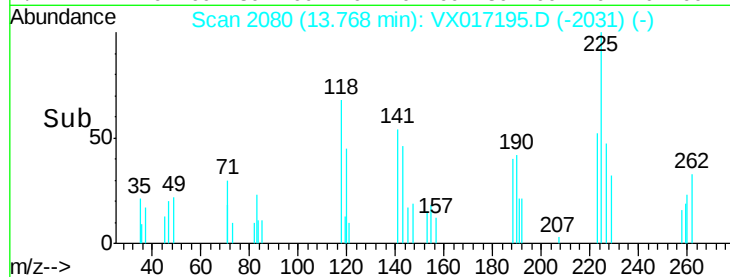
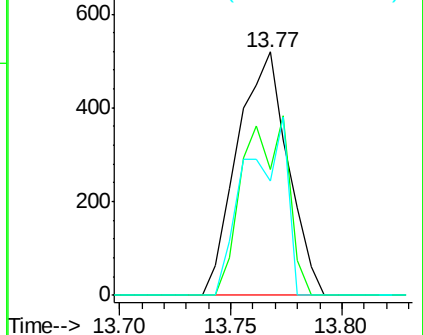
227 59.2 33.1 99.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#96

1,2,3-Trichlorobenzene

Concen: 0.254 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017195.D

Acq: 07 Jul 2020 12:04

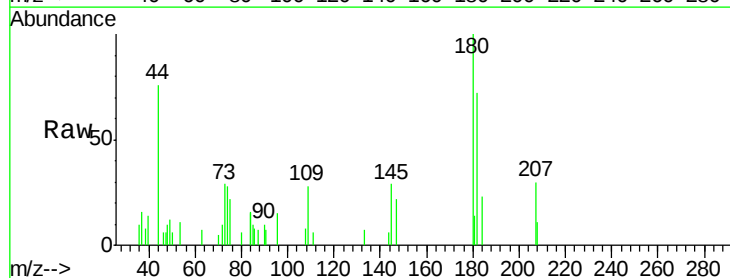
Tgt Ion:180 Resp: 1173

Ion Ratio Lower Upper

180 100

182 109.1 47.1 141.4

145 34.9 16.6 49.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

