

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012219\
 Data File : VX007177.D
 Acq On : 22 Jan 2019 13:16
 Operator : JC/SP
 Sample : K1214-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TB02-20190117

Quant Time: Jan 23 00:03:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	543555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	842589	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	788981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	395492	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	285969	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
35) Dibromofluoromethane	5.50	113	261397	48.44	ug/l	0.00
Spiked Amount			Recovery	=	96.88%	
50) Toluene-d8	8.71	98	1000567	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	359855	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	

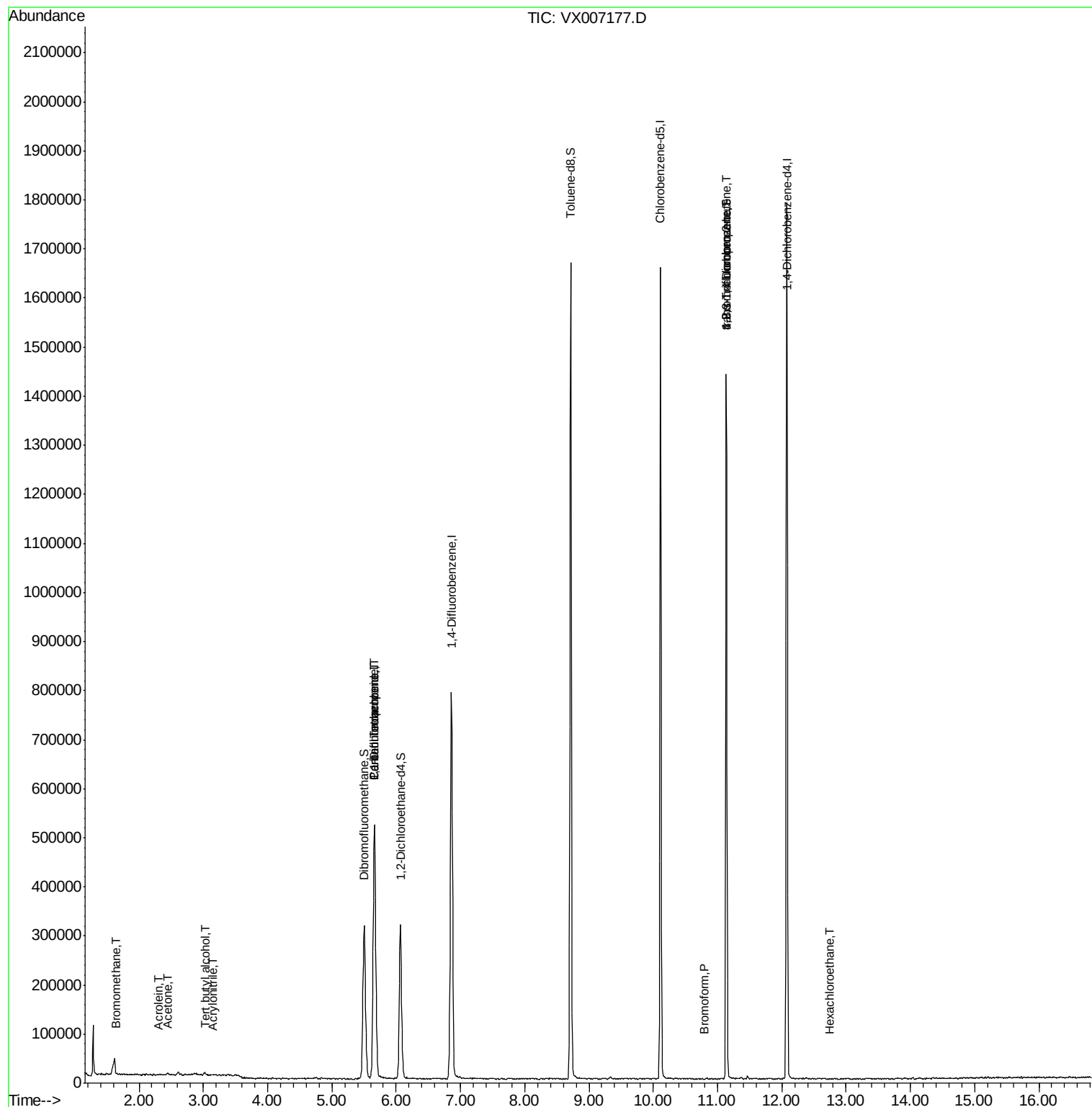
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1339	0.224	ug/l #	62
11) Tert butyl alcohol	3.03	59	3584	2.675	ug/l #	93
13) Acrolein	2.29	56	171	3.376	ug/l #	13
15) Acrylonitrile	3.15	53	617	0.201	ug/l #	69
16) Acetone	2.44	43	3901	1.389	ug/l	99
20) Methylene Chloride	2.86	84	1527	Below Cal		89
36) 1,1-Dichloropropene	5.66	75	34672	4.733	ug/l #	49
38) Carbon Tetrachloride	5.67	117	50308	6.826	ug/l #	14
49) 1,4-Dioxane	7.75	88	104	Below Cal	#	7
71) Bromoform	10.80	173	127	4.750	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	174468	21.769	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	174468	64.509	ug/l #	10
90) Hexachloroethane	12.76	117	48	2.920	ug/l	86

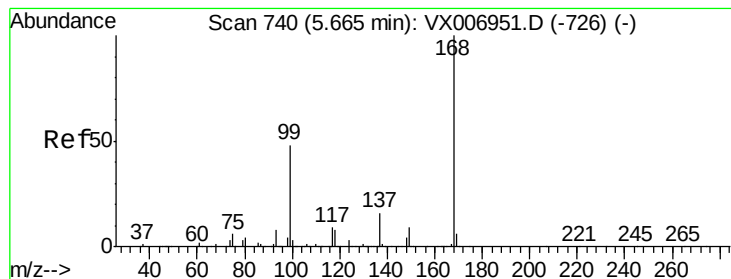
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012219\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007177.D

Acq: 22 Jan 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

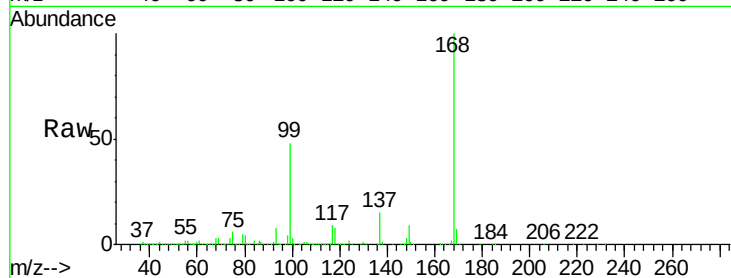
SA-TB02-20190117

Tot Ion:168 Resp: 543555

Ion Ratio Lower Upper

168 100

99 47.9 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

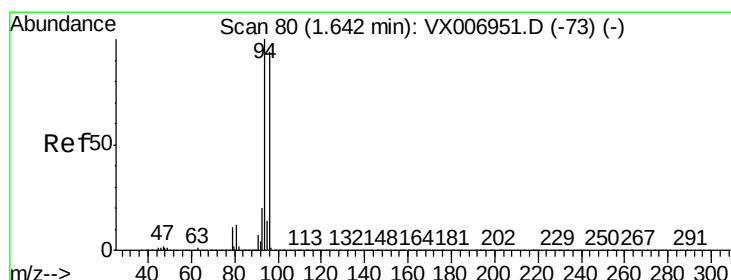
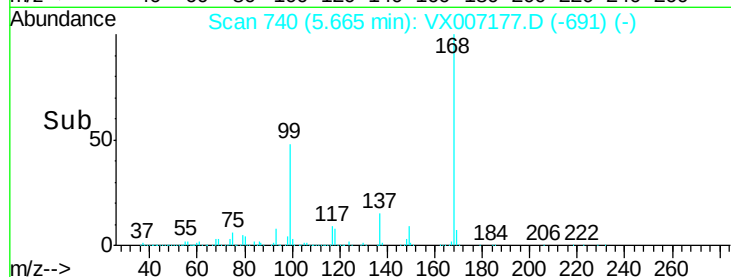
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.224 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007177.D

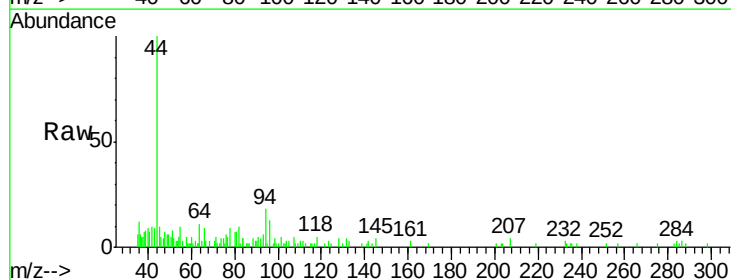
Acq: 22 Jan 2019 13:16

Tgt Ion: 94 Resp: 1339

Ion Ratio Lower Upper

94 100

96 56.0 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

600

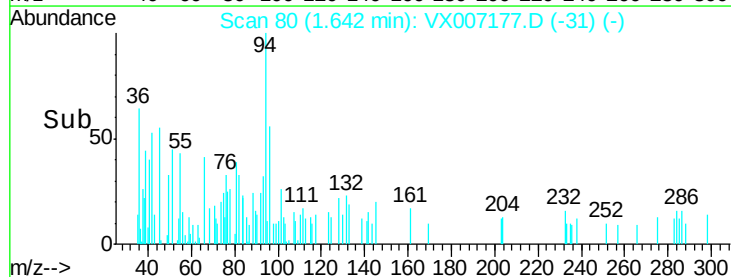
400

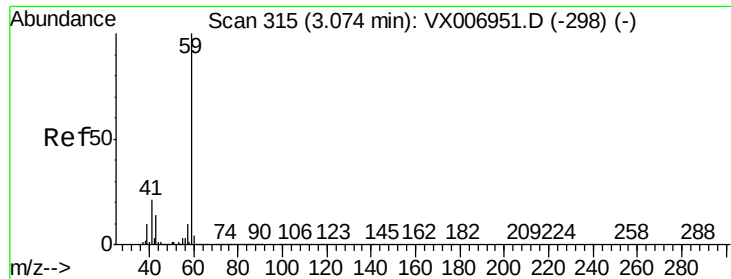
200

0

Time-->

1.60 1.65 1.70



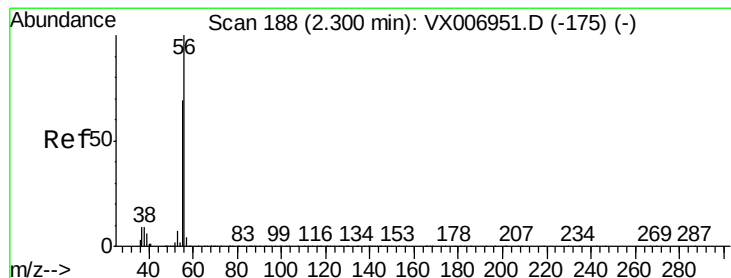
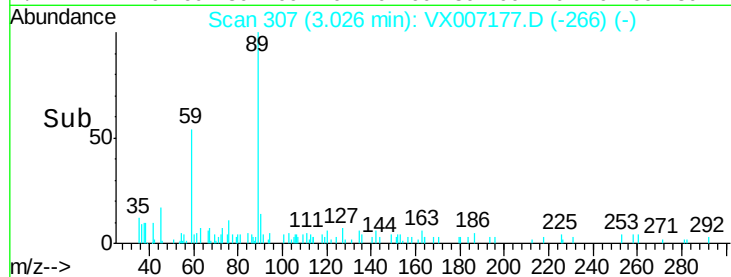
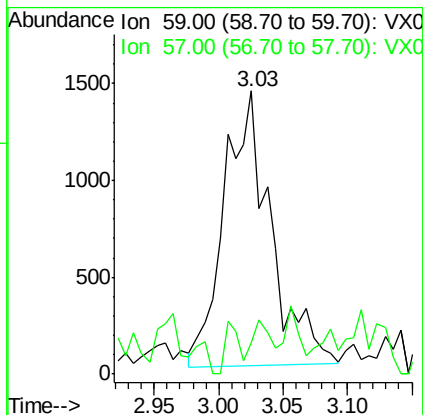
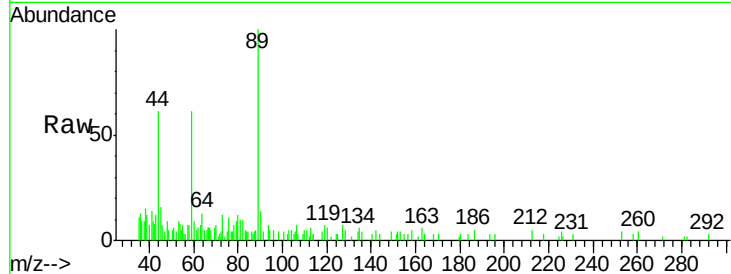


#11

Tert butyl alcohol
 Concen: 2.675 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: VX007177.D
 Acq: 22 Jan 2019 13:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TB02-20190117

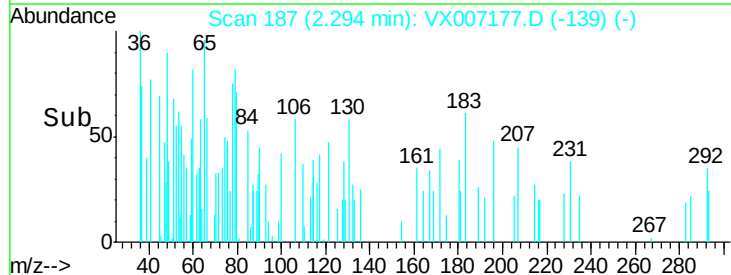
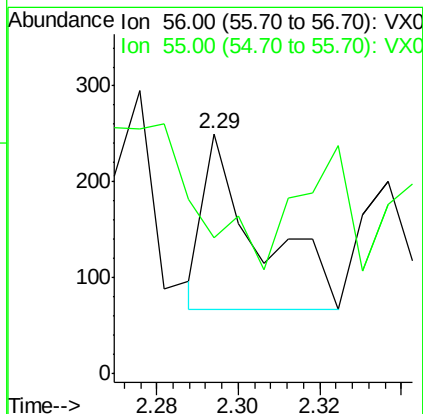
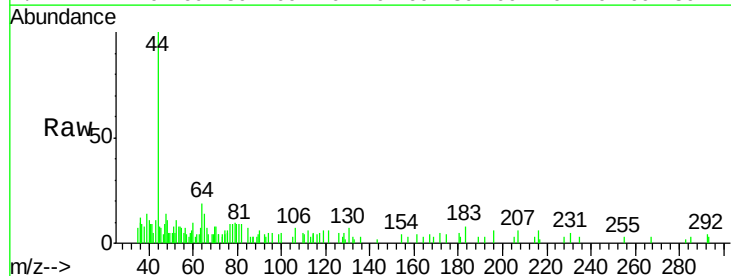
Tot Ion: 59 Resp: 3584
 Ion Ratio Lower Upper
 59 100
 57 8.0 8.5 12.7#

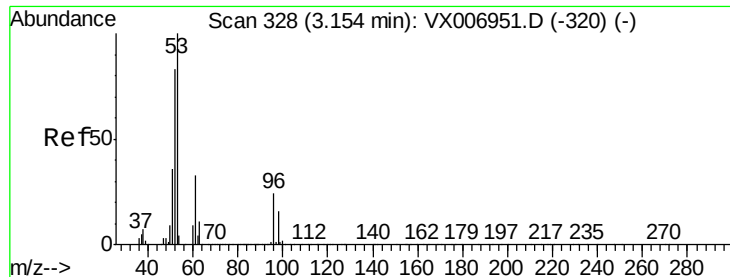


#13

Acrolein
 Concen: 3.376 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: VX007177.D
 Acq: 22 Jan 2019 13:16

Tgt Ion: 56 Resp: 171
 Ion Ratio Lower Upper
 56 100
 55 0.0 58.2 87.4#





#15

Acrylonitrile

Concen: 0.201 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007177.D

Acq: 22 Jan 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

SA-TB02-20190117

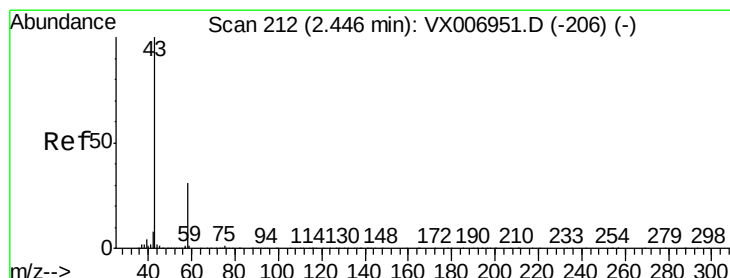
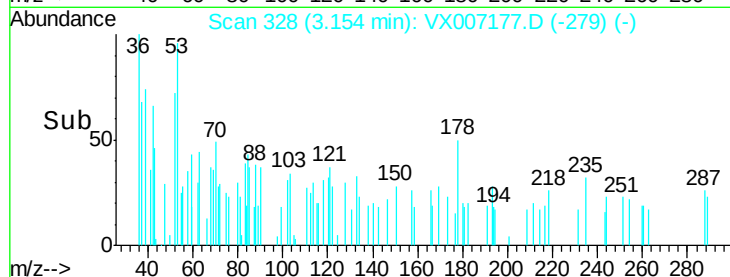
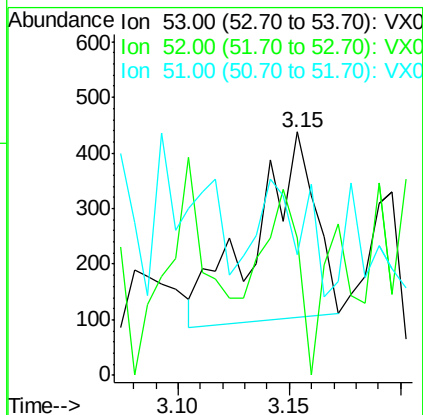
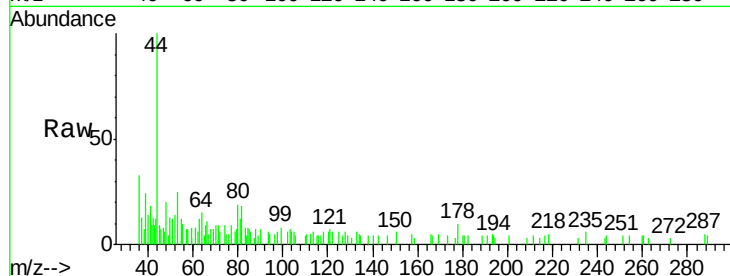
Tot Ion: 53 Resp: 617

Ion Ratio Lower Upper

53 100

52 61.4 66.0 99.0#

51 63.7 28.6 42.8#



#16

Acetone

Concen: 1.389 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007177.D

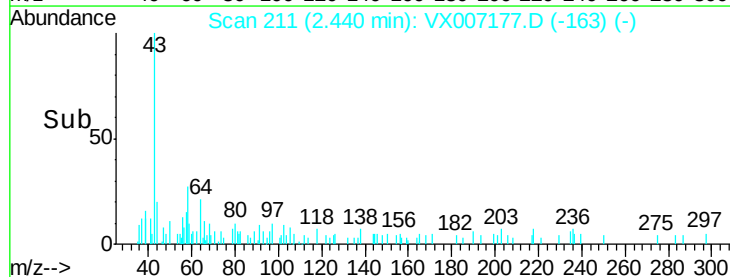
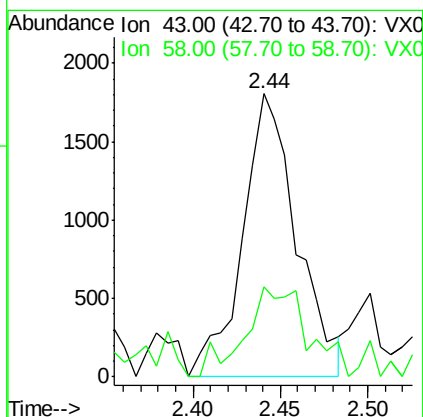
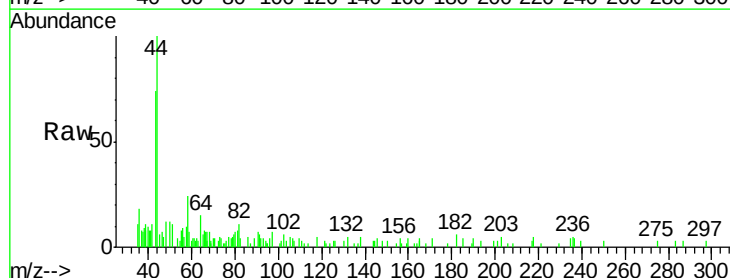
Acq: 22 Jan 2019 13:16

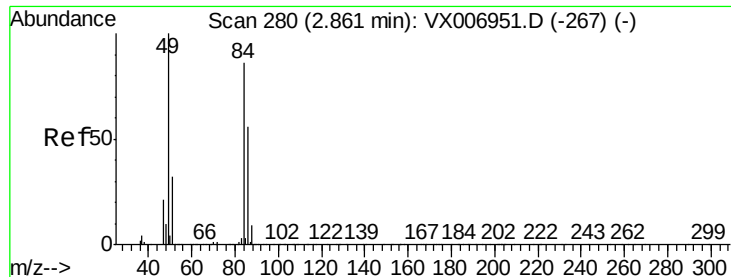
Tgt Ion: 43 Resp: 3901

Ion Ratio Lower Upper

43 100

58 32.1 25.0 37.6

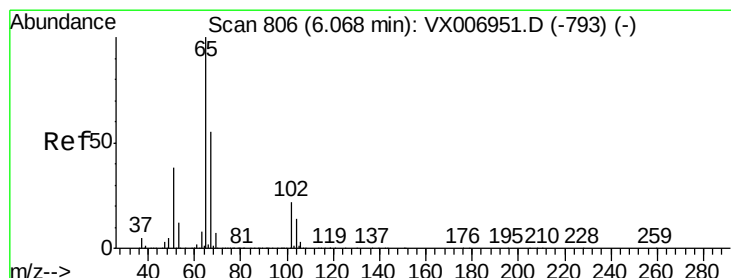
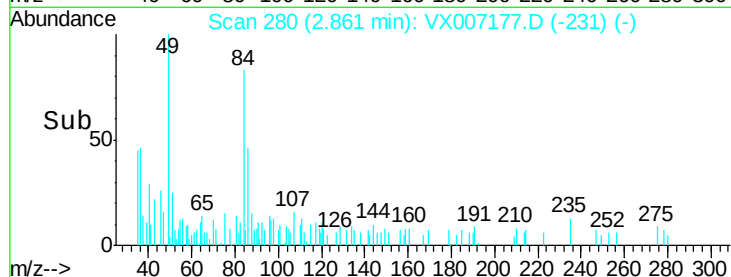
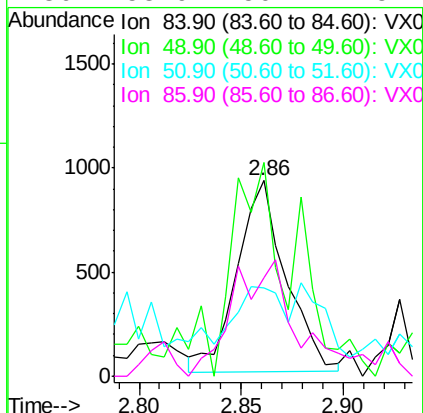
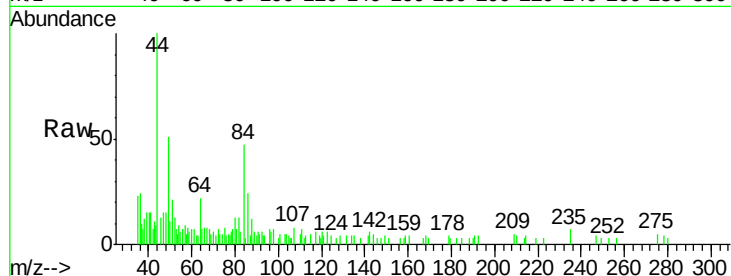




#20
Methylene Chloride
Concen: Below Cal
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007177.D
Acq: 22 Jan 2019 13:16

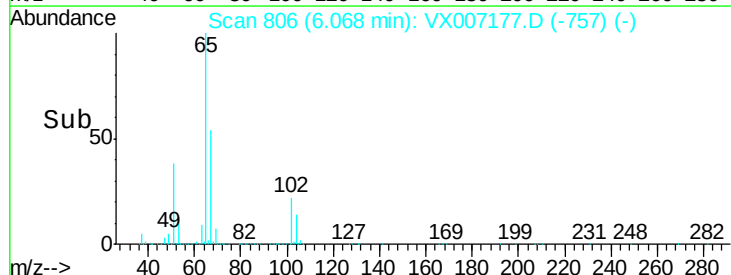
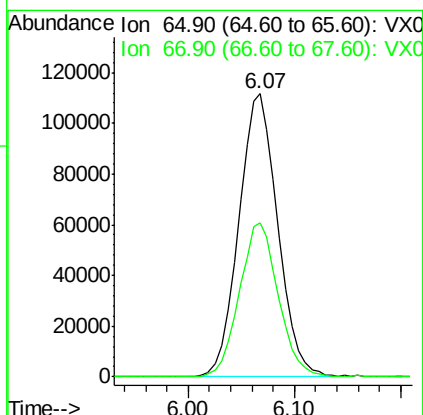
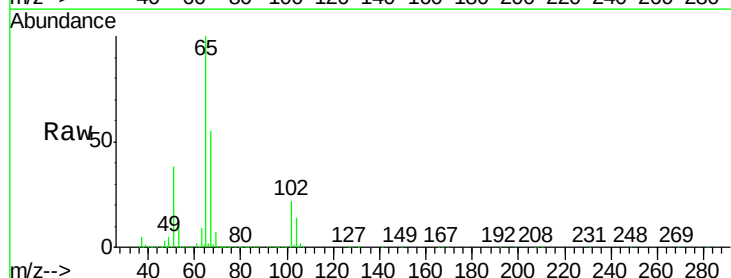
Instrument :
MSVOA_X
ClientSampleId :
SA-TB02-20190117

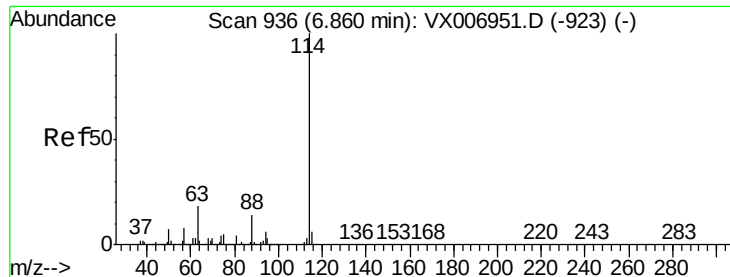
Tot Ion: 84 Resp: 1527
Ion Ratio Lower Upper
84 100
49 101.5 91.8 137.6
51 32.1 28.5 42.7
86 53.9 50.2 75.2



#33
1,2-Dichloroethane-d4
Concen: 50.341 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007177.D
Acq: 22 Jan 2019 13:16

Tgt Ion: 65 Resp: 285969
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007177.D

Acq: 22 Jan 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

SA-TB02-20190117

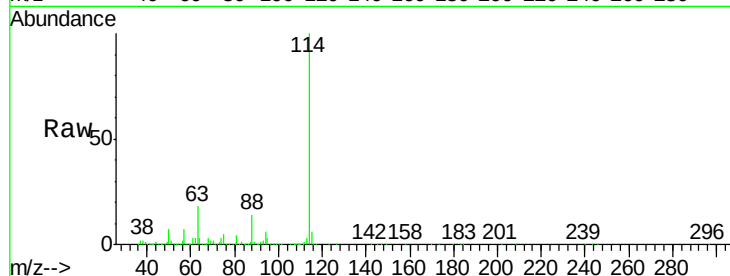
Tot Ion:114 Resp: 842589

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

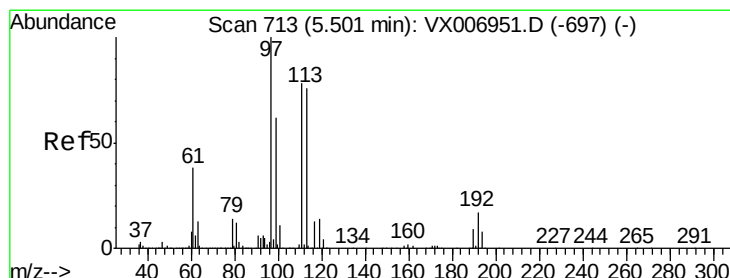
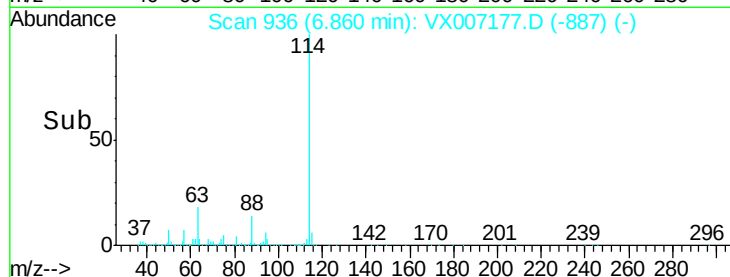
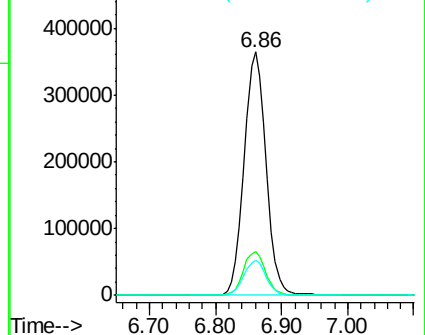
88 14.3 0.0 28.8



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: 48.444 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007177.D

Acq: 22 Jan 2019 13:16

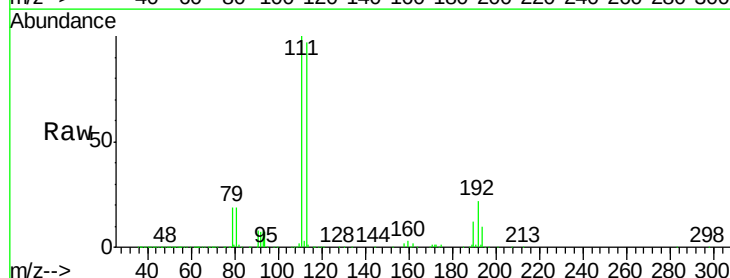
Tgt Ion:113 Resp: 261397

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

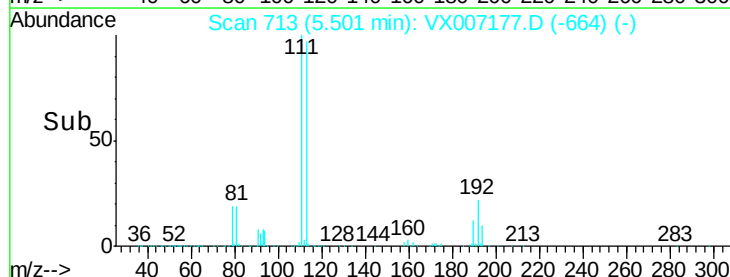
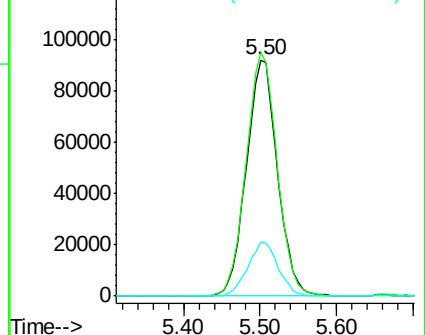
192 22.3 16.7 25.1

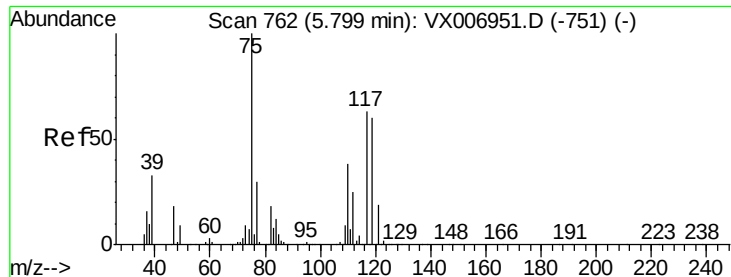


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

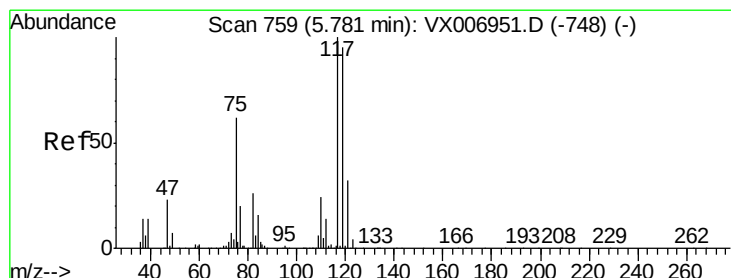
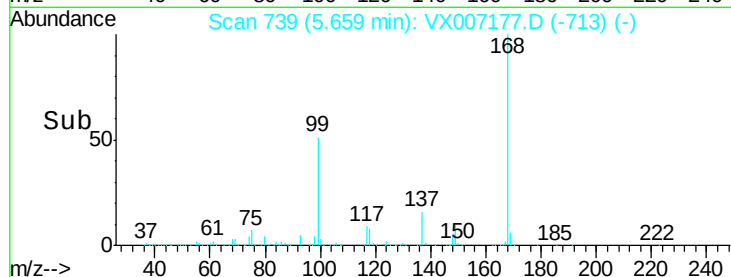
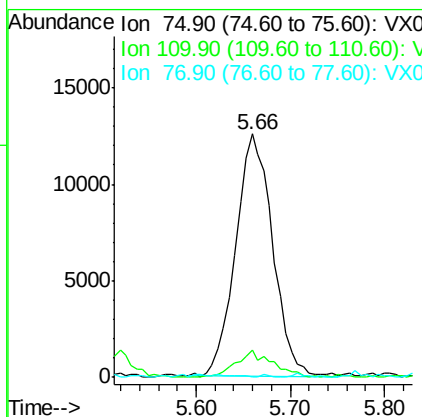
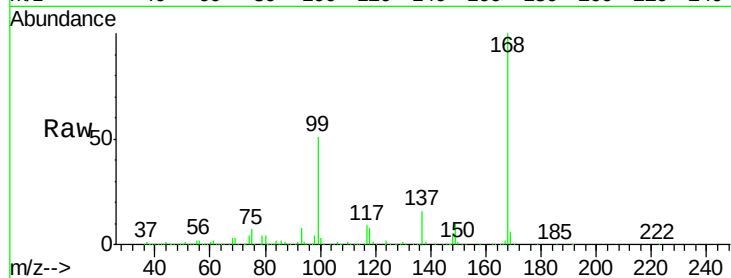




#36
 1,1-Dichloropropene
 Concen: 4.733 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007177.D
 Acq: 22 Jan 2019 13:16

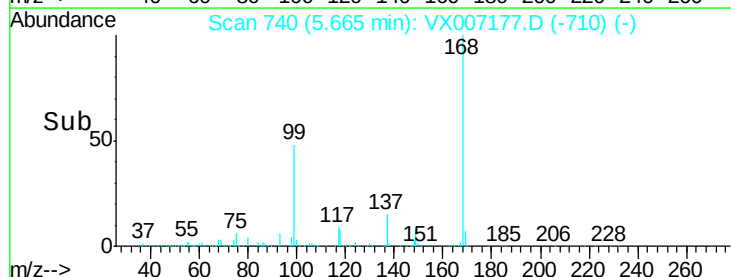
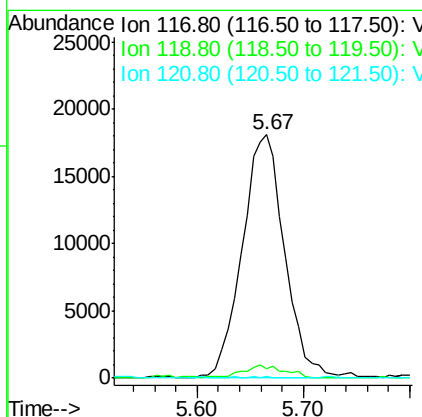
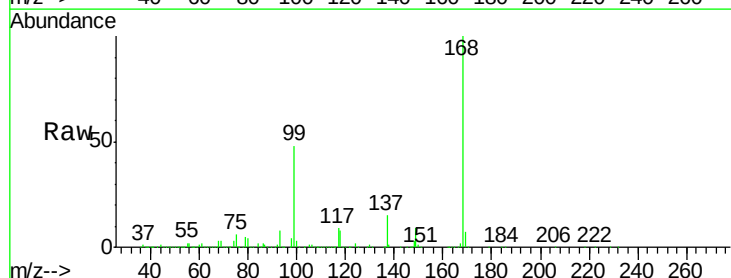
Instrument :
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 SA-TB02-20190117

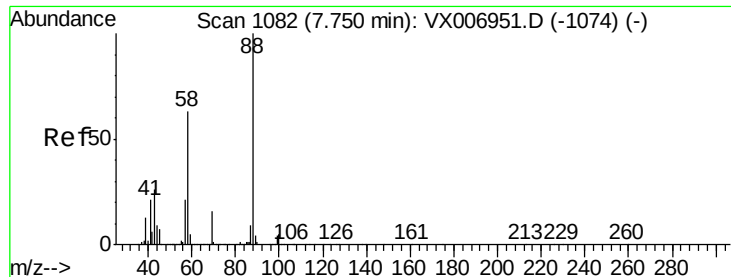
Tot Ion: 75 Resp: 34672
 Ion Ratio Lower Upper
 75 100
 110 11.0 20.2 60.5#
 77 0.2 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.826 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007177.D
 Acq: 22 Jan 2019 13:16

Tgt Ion: 117 Resp: 50308
 Ion Ratio Lower Upper
 117 100
 119 3.7 79.4 119.2#
 121 0.5 24.0 36.0#

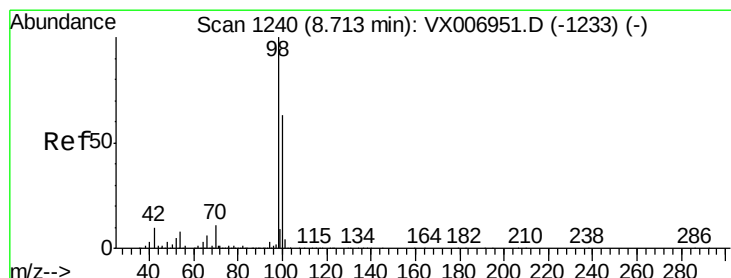
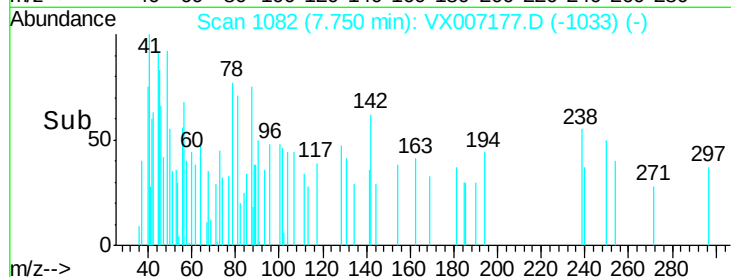
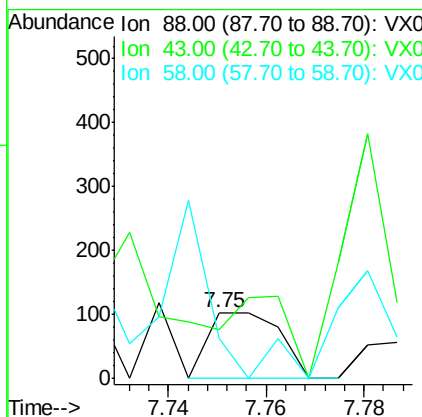
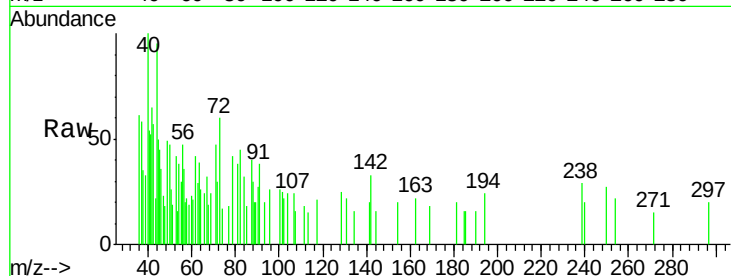




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007177.D
Acq: 22 Jan 2019 13:16

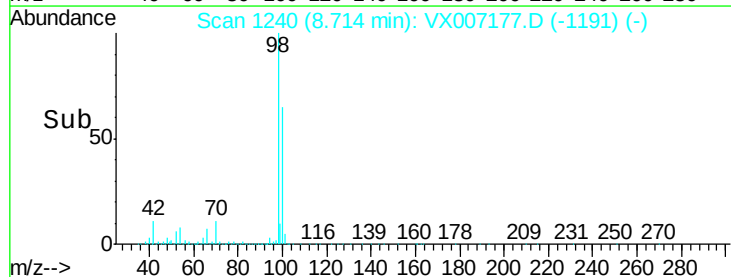
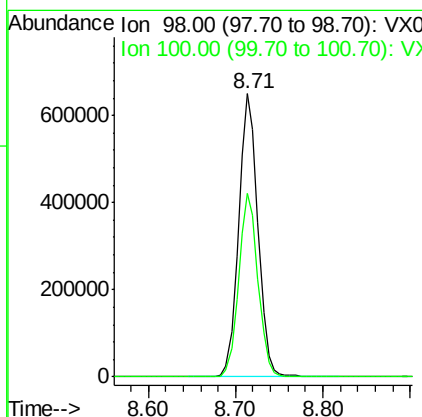
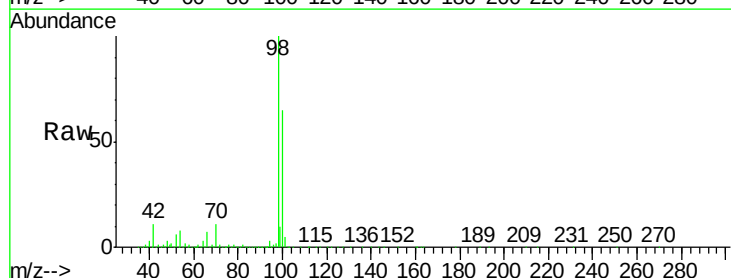
Instrument :
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SA-TB02-20190117

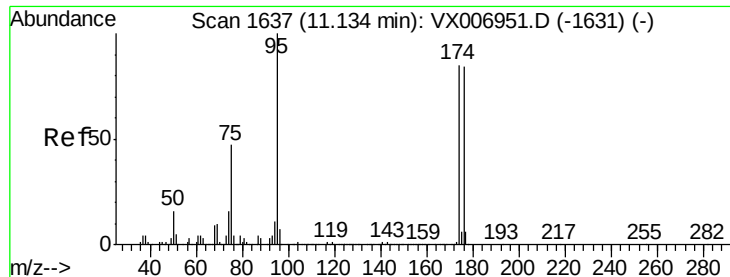
Tot Ion: 88 Resp: 104
Ion Ratio Lower Upper
88 100
43 89.4 22.2 33.4#
58 0.0 51.0 76.4#



#50
Toluene-d8
Concen: 50.660 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007177.D
Acq: 22 Jan 2019 13:16

Tgt Ion: 98 Resp: 1000567
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 52.262 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007177.D

Acq: 22 Jan 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

SA-TB02-20190117

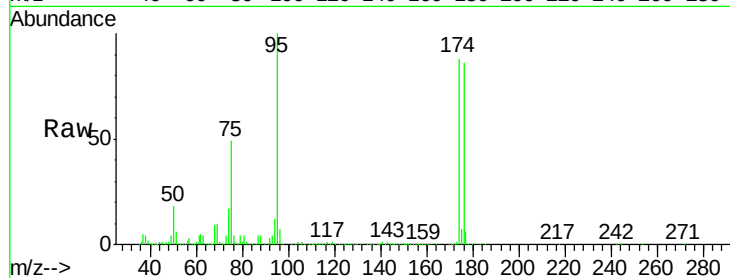
Tot Ion: 95 Resp: 359855

Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.2

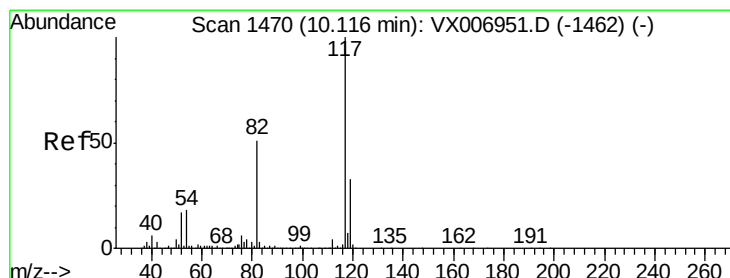
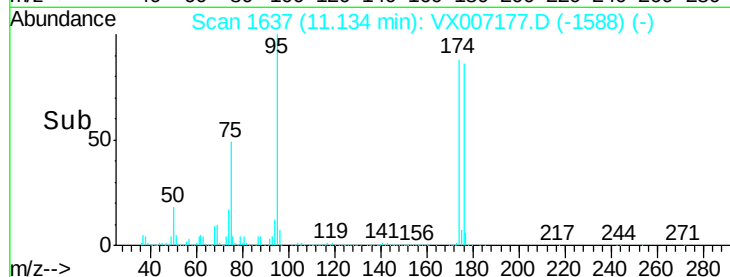
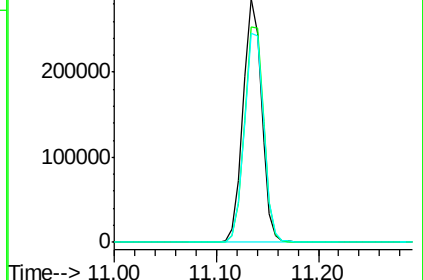
176 90.2 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX006951.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX006951.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX006951.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007177.D

Acq: 22 Jan 2019 13:16

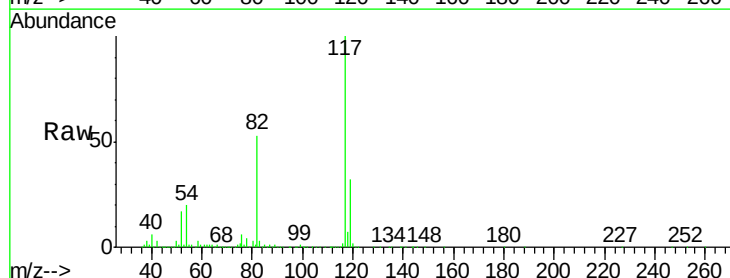
Tgt Ion: 117 Resp: 788981

Ion Ratio Lower Upper

117 100

82 52.9 41.0 61.6

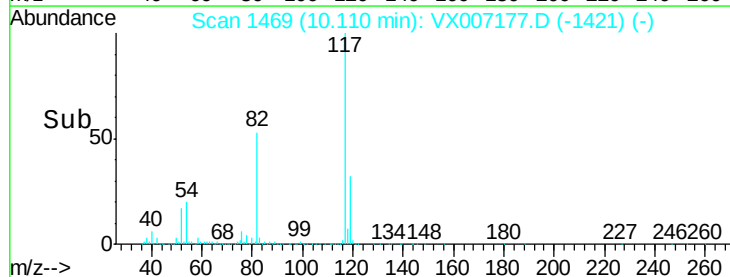
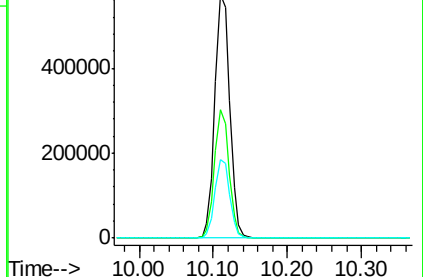
119 32.1 25.4 38.0

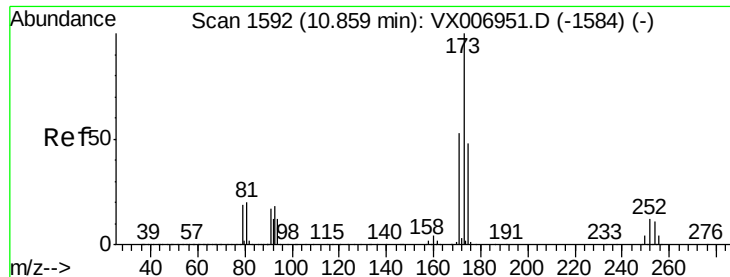


Abundance Ion 116.90 (116.60 to 117.60): VX006951.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX006951.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX006951.D (-1462) (-)





#71

Bromoform

Concen: 4.750 ug/l

RT: 10.80 min Scan# 1582

Delta R.T. -0.06 min

Lab File: VX007177.D

Acq: 22 Jan 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

SA-TB02-20190117

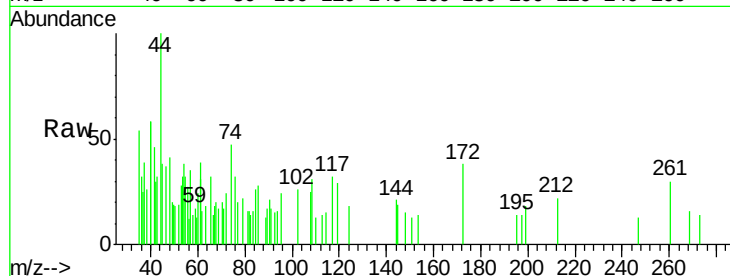
Tot Ion:173 Resp: 127

Ion Ratio Lower Upper

173 100

175 0.0 24.7 74.1#

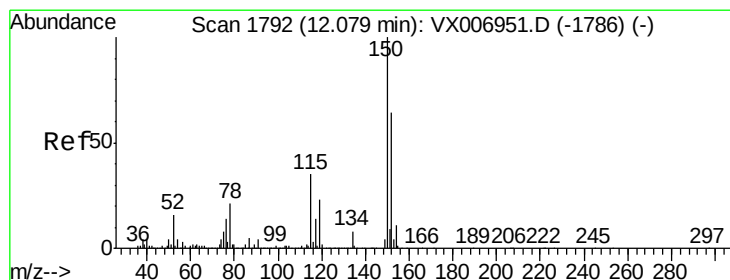
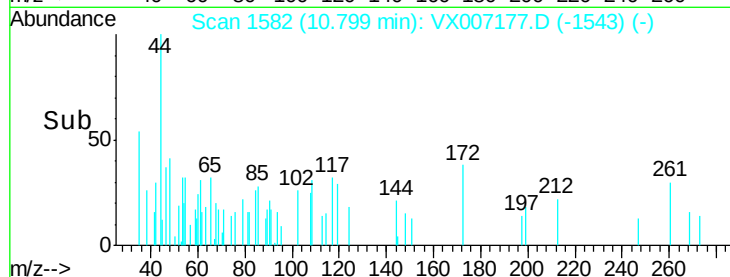
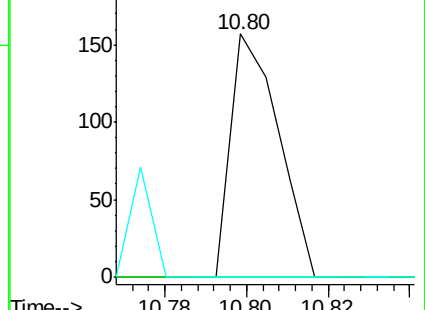
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007177.D

Acq: 22 Jan 2019 13:16

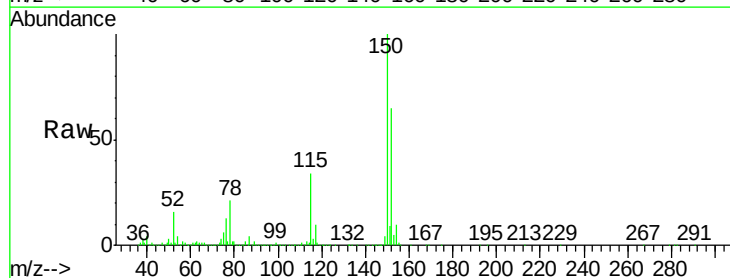
Tgt Ion:152 Resp: 395492

Ion Ratio Lower Upper

152 100

115 53.9 39.1 117.2

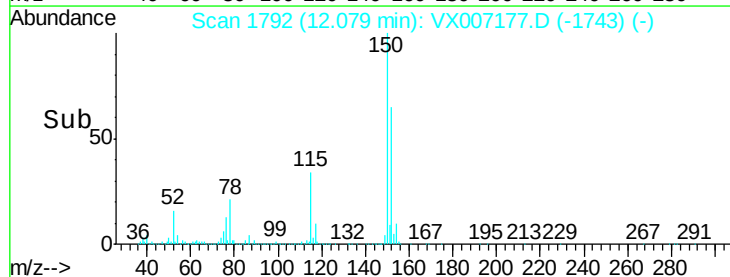
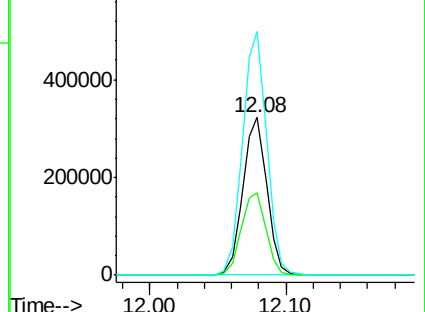
150 155.7 0.0 344.8

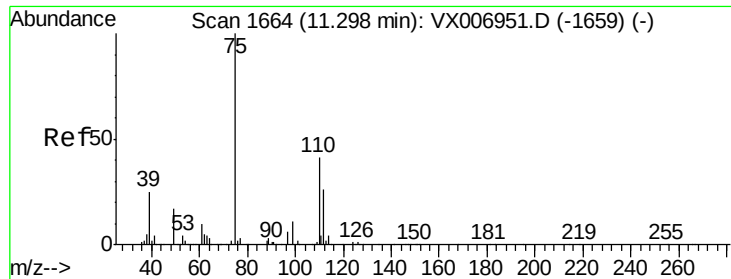


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.769 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007177.D

Acq: 22 Jan 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

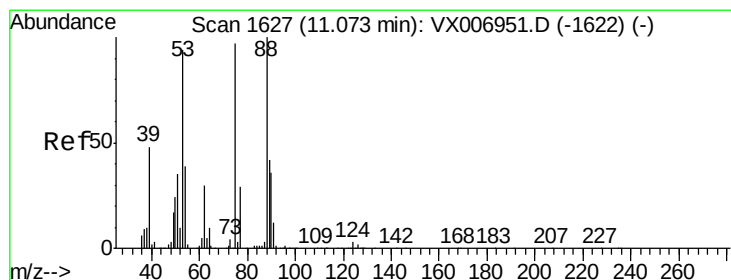
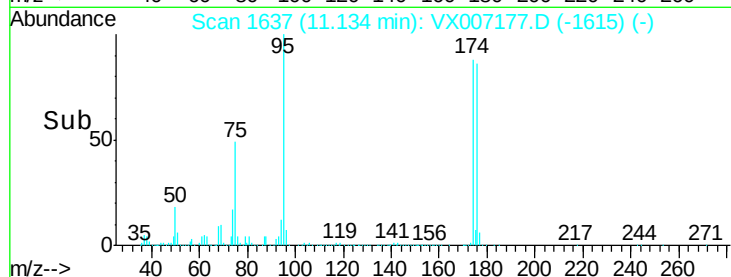
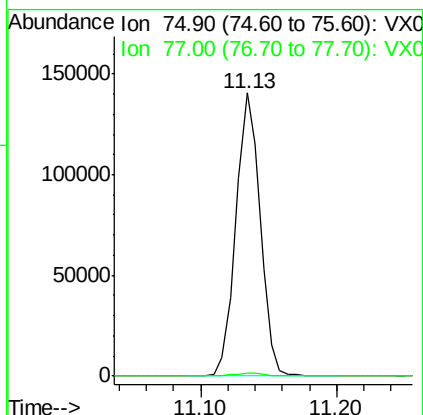
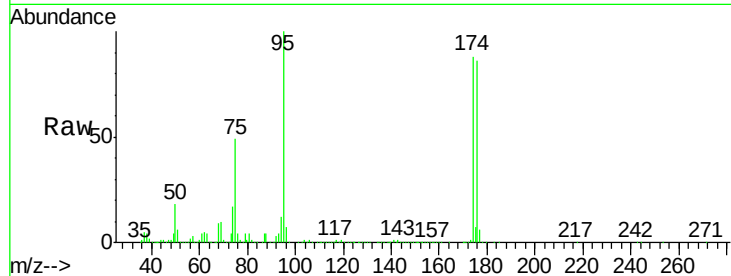
SA-TB02-20190117

Tot Ion: 75 Resp: 174468

Ion Ratio Lower Upper

75 100

77 1.3 18.5 55.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.509 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007177.D

Acq: 22 Jan 2019 13:16

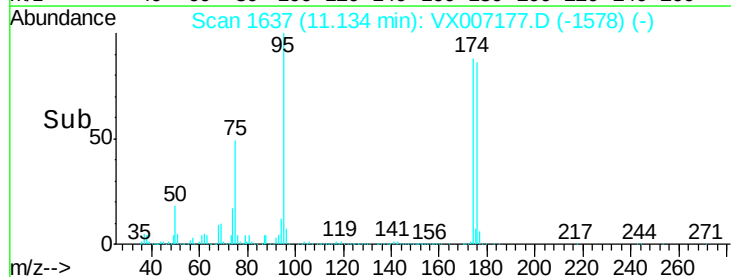
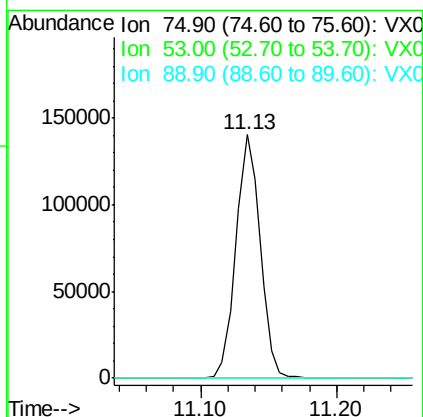
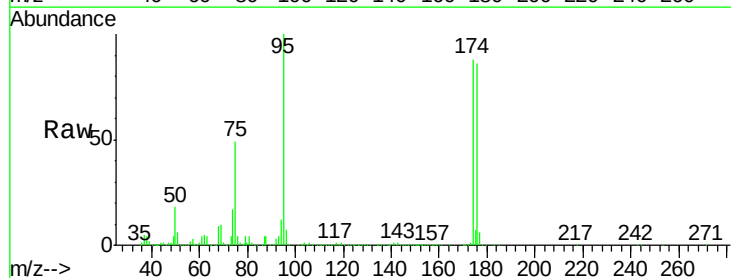
Tgt Ion: 75 Resp: 174468

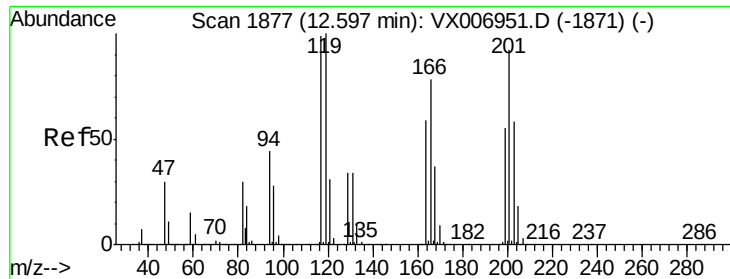
Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

89 0.1 38.0 57.0#





#90

Hexachloroethane

Concen: 2.920 ug/l

RT: 12.76 min Scan# 1903

Delta R.T. 0.16 min

Lab File: VX007177.D

Acq: 22 Jan 2019 13:16

Instrument :

MSVOA_X

ClientSampleId :

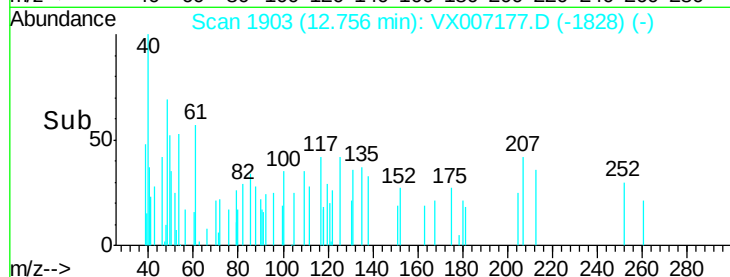
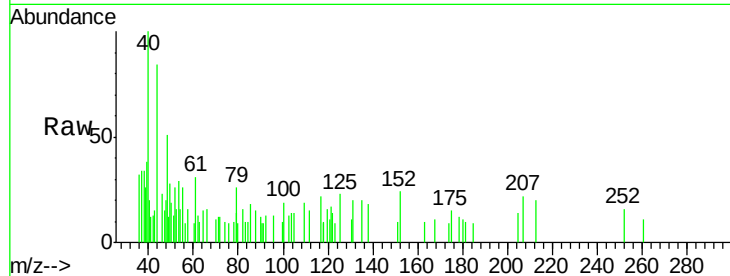
SA-TB02-20190117

Tot Ion:117 Resp: 48

Ion Ratio Lower Upper

117 100

201 72.9 42.9 128.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

