

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
 Data File : VX011674.D
 Acq On : 20 Aug 2019 11:07
 Operator : JC/SP
 Sample : K4406-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20190816

Quant Time: Aug 31 00:47:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	372960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	534369	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	501318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	211762	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	190126	54.97	ug/l	0.00
Spiked Amount			Recovery	=	109.94%	
35) Dibromofluoromethane	5.49	113	154956	44.34	ug/l	0.00
Spiked Amount			Recovery	=	88.68%	
50) Toluene-d8	8.71	98	618355	56.78	ug/l	0.00
Spiked Amount			Recovery	=	113.56%	
62) 4-Bromofluorobenzene	11.13	95	220969	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	

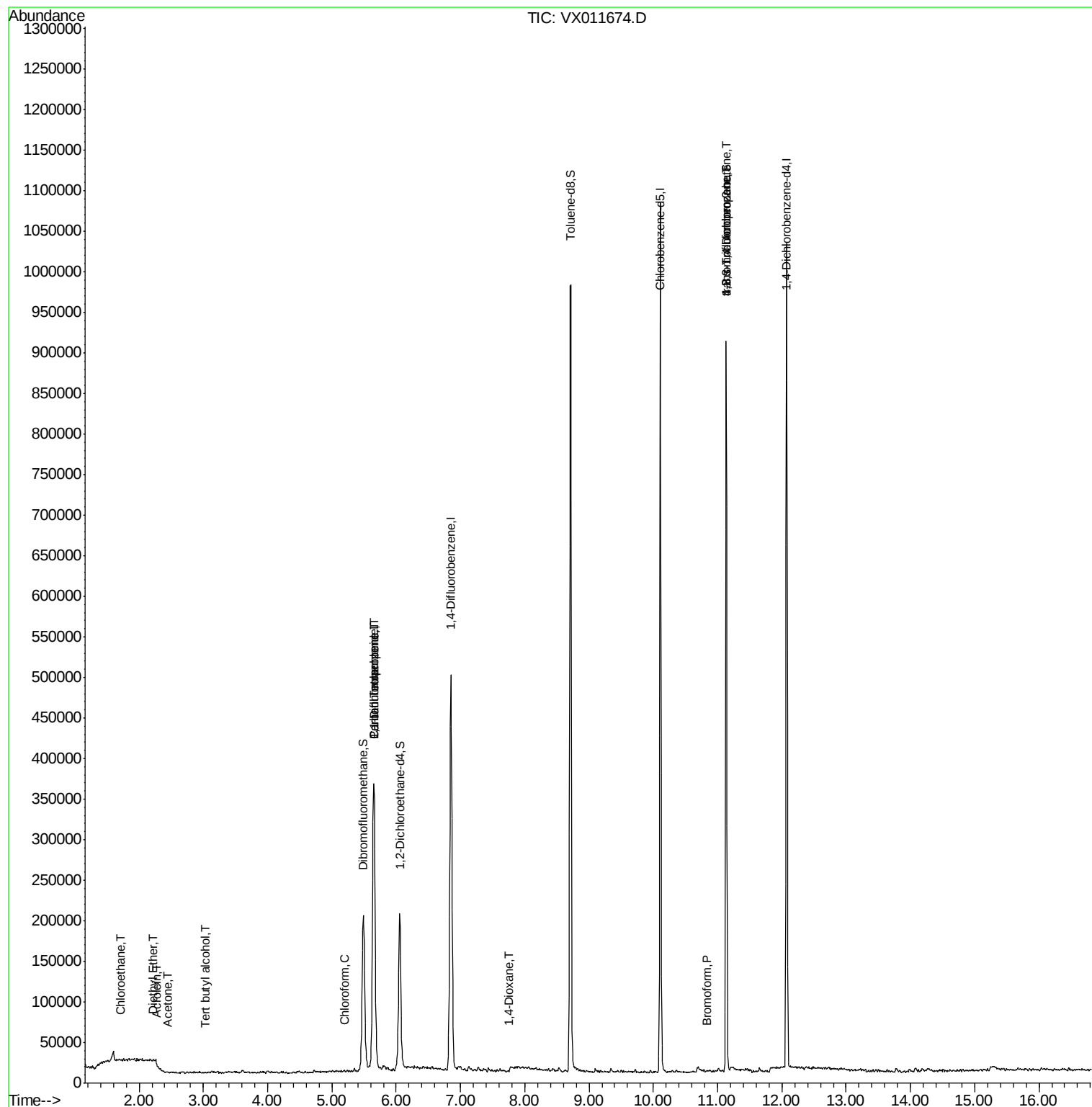
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.71	64	649	0.399	ug/l #	27
8) Diethyl Ether	2.21	74	407	0.249	ug/l	86
11) Tert butyl alcohol	3.04	59	388	0.457	ug/l #	1
13) Acrolein	2.28	56	84	12.490	ug/l #	1
16) Acetone	2.45	43	943	0.542	ug/l #	51
30) Chloroform	5.19	83	1330	0.212	ug/l	84
36) 1,1-Dichloropropene	5.65	75	23155	5.068	ug/l #	52
38) Carbon Tetrachloride	5.65	117	34417	6.837	ug/l #	15
49) 1,4-Dioxane	7.76	88	213	1.972	ug/l #	38
71) Bromoform	10.85	173	102	3.316	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	106718	26.577	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	106718	70.021	ug/l #	11

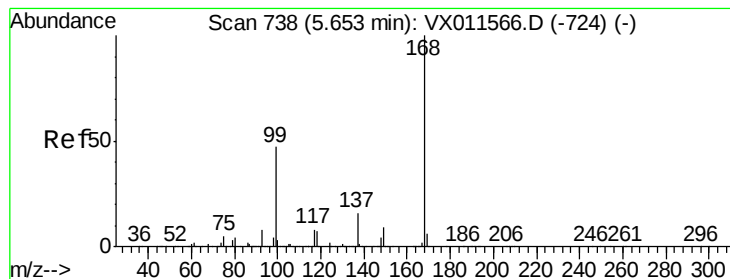
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
Data File : VX011674.D
Acq On : 20 Aug 2019 11:07
Operator : JC/SP
Sample : K4406-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190816

Quant Time: Aug 31 00:47:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011674.D

Acq: 20 Aug 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

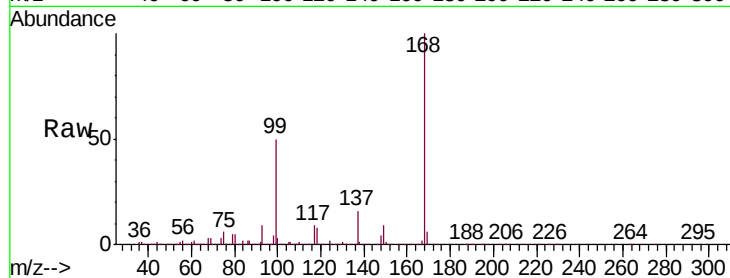
TT-TB-20190816

Tgt Ion: 168 Resp: 372960

Ion Ratio Lower Upper

168 100

99 49.6 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

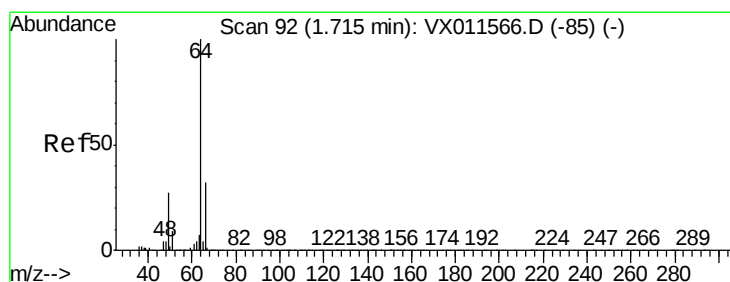
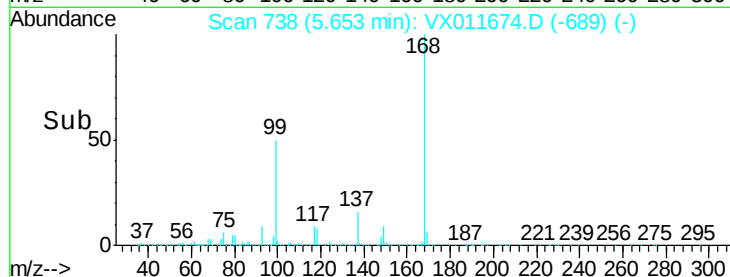
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.399 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX011674.D

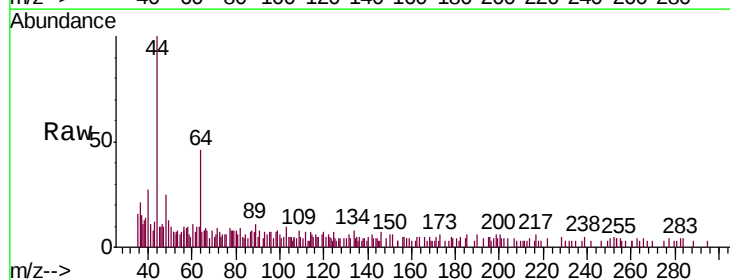
Acq: 20 Aug 2019 11:07

Tgt Ion: 64 Resp: 649

Ion Ratio Lower Upper

64 100

66 71.9 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

1000

800

600

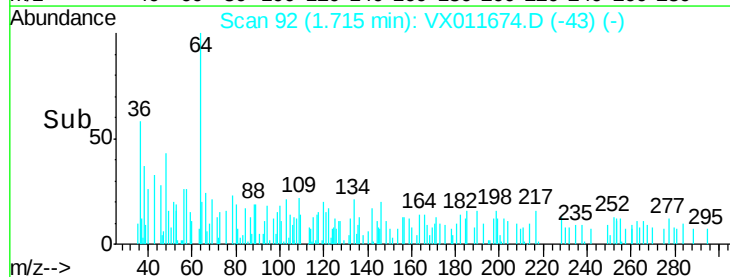
400

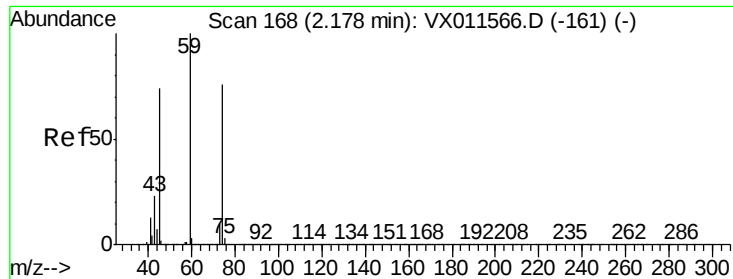
200

0

Time-->

1.70 1.72 1.74

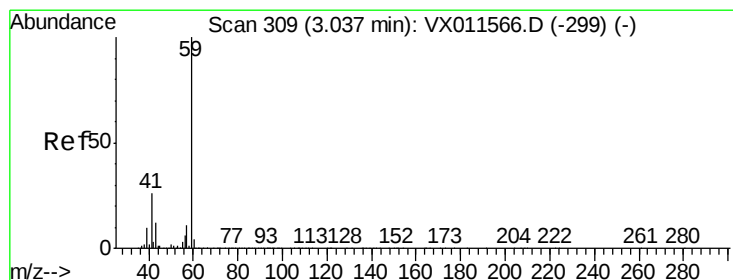
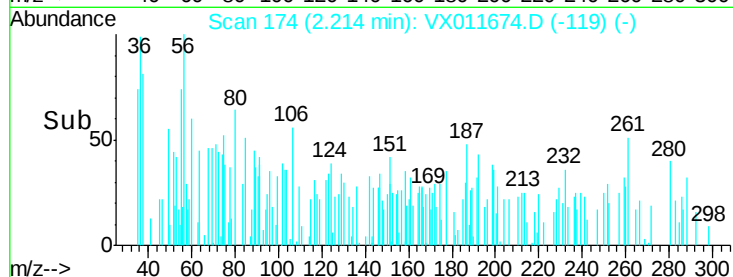
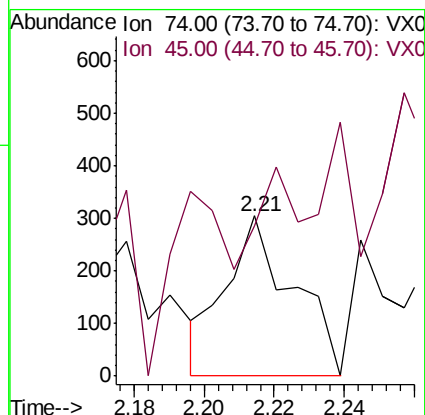
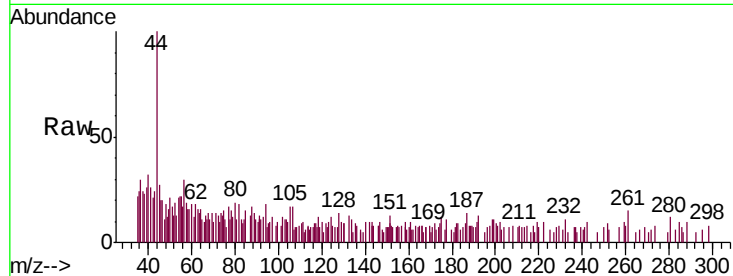




#8
Diethyl Ether
Concen: 0.249 ug/l
RT: 2.21 min Scan# 174
Delta R.T. 0.04 min
Lab File: VX011674.D
Acq: 20 Aug 2019 11:07

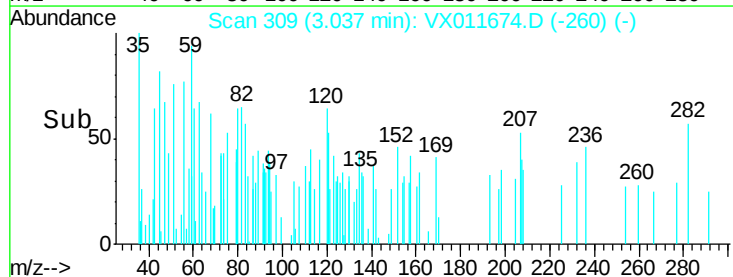
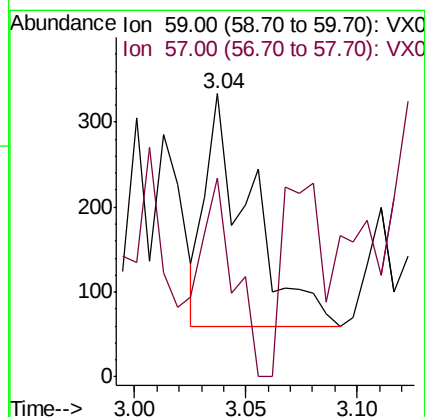
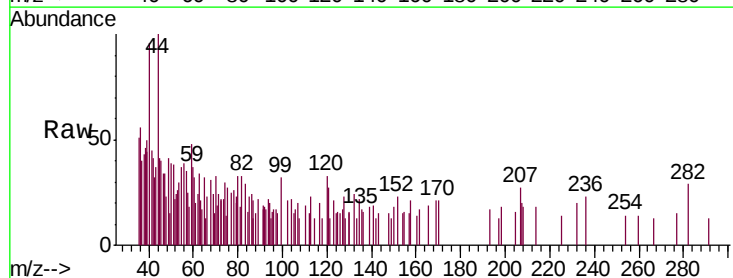
Instrument :
MSVOA_X
ClientSampleId :
TT-TB-20190816

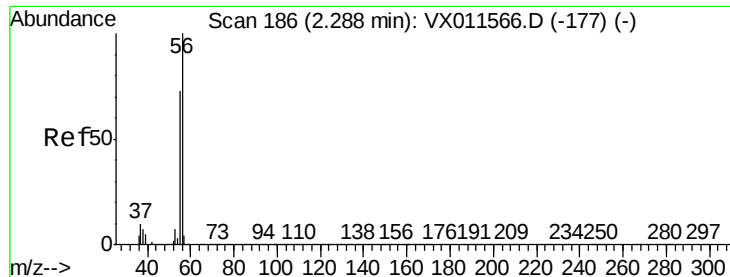
Tgt Ion: 74 Resp: 407
Ion Ratio Lower Upper
74 100
45 82.6 48.2 144.6



#11
Tert butyl alcohol
Concen: 0.457 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.00 min
Lab File: VX011674.D
Acq: 20 Aug 2019 11:07

Tgt Ion: 59 Resp: 388
Ion Ratio Lower Upper
59 100
57 67.3 8.7 13.1#





#13

Acrolein

Concen: 12.490 ug/l

RT: 2.28 min Scan# 184

Delta R.T. -0.01 min

Lab File: VX011674.D

Acq: 20 Aug 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

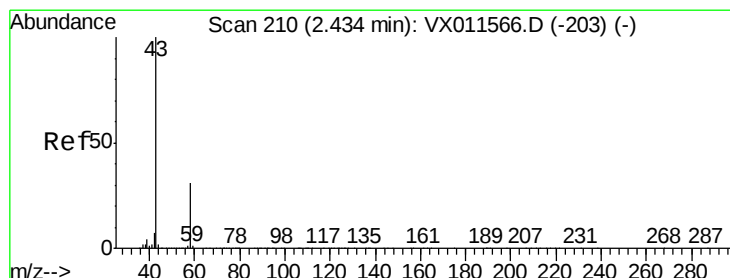
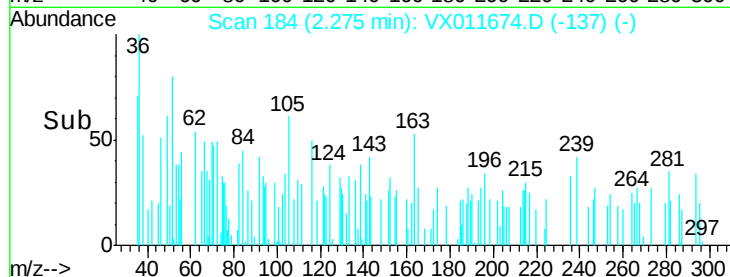
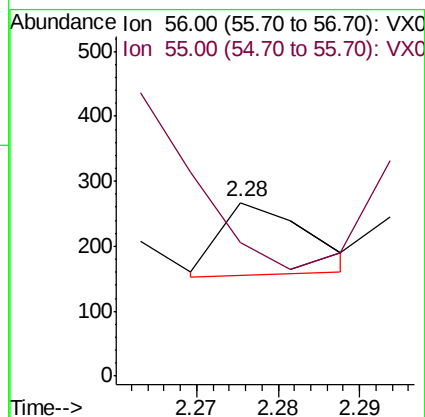
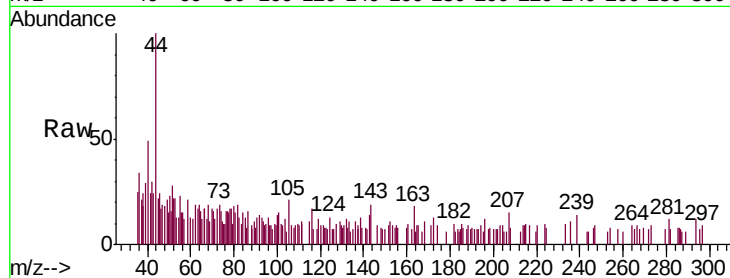
TT-TB-20190816

Tgt Ion: 56 Resp: 84

Ion Ratio Lower Upper

56 100

55 261.9 55.5 83.3#



#16

Acetone

Concen: 0.542 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX011674.D

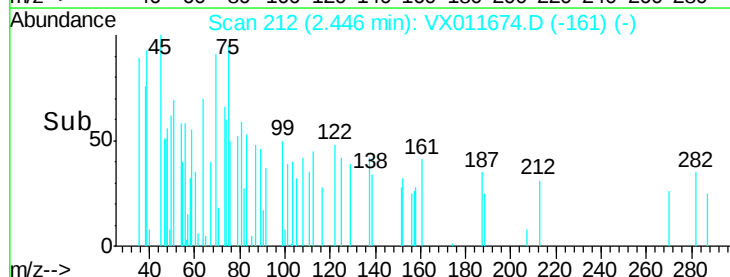
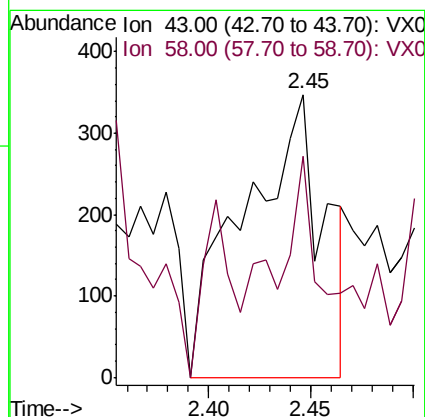
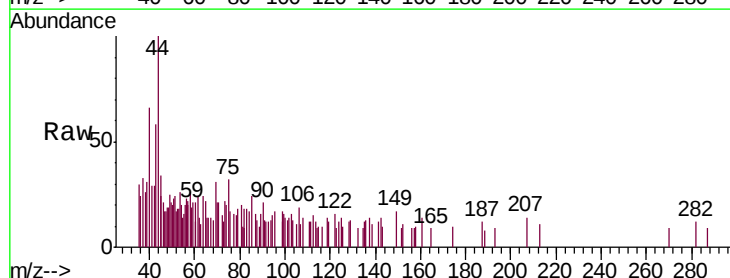
Acq: 20 Aug 2019 11:07

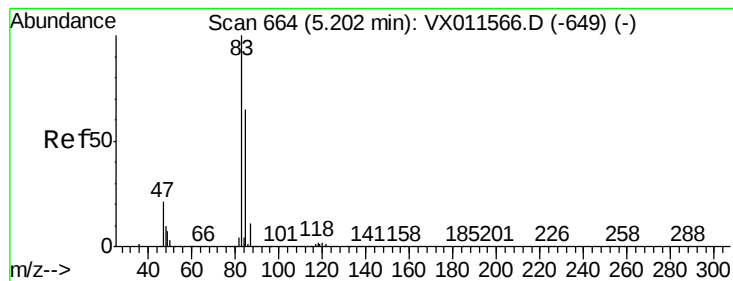
Tgt Ion: 43 Resp: 943

Ion Ratio Lower Upper

43 100

58 58.6 25.2 37.8#





#30

Chloroform

Concen: 0.212 ug/l

RT: 5.19 min Scan# 662

Delta R.T. -0.01 min

Lab File: VX011674.D

Acq: 20 Aug 2019 11:07

Instrument :

MSVOA_X

ClientSampled :

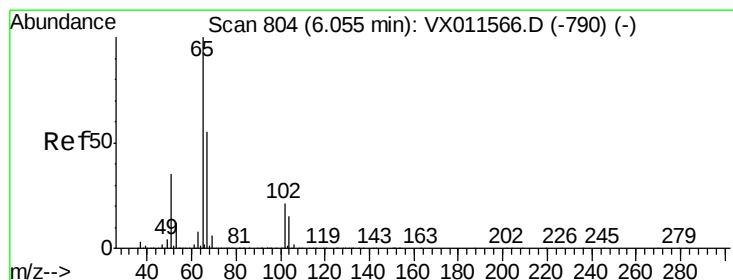
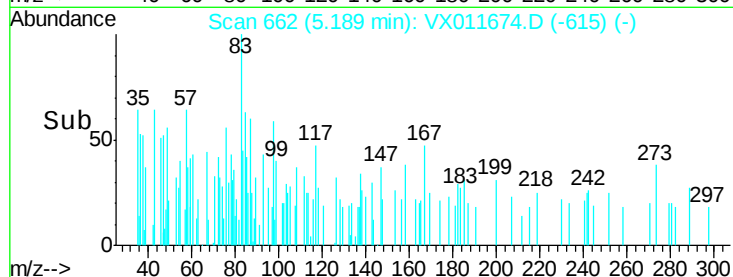
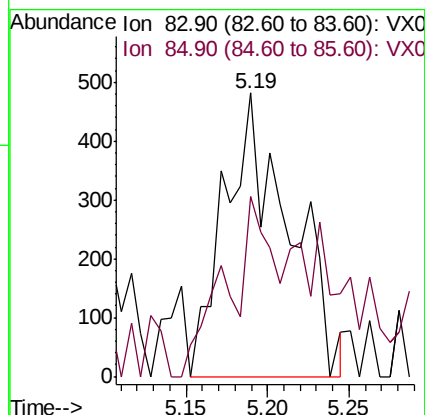
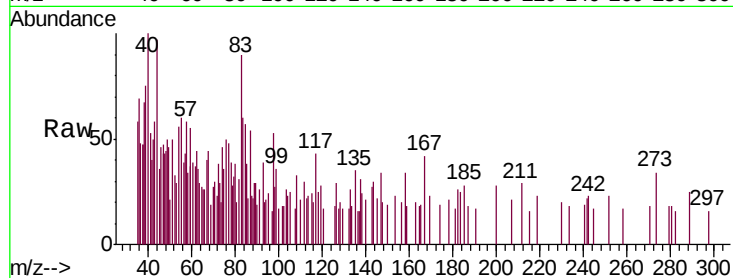
TT-TB-20190816

Tgt Ion: 83 Resp: 1330

Ion Ratio Lower Upper

83 100

85 52.3 51.9 77.9



#33

1,2-Dichloroethane-d4

Concen: 54.970 ug/l

RT: 6.05 min Scan# 803

Delta R.T. -0.01 min

Lab File: VX011674.D

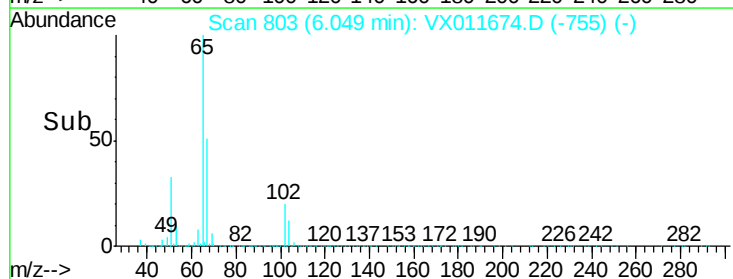
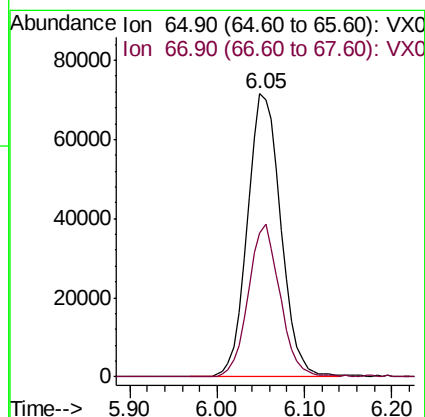
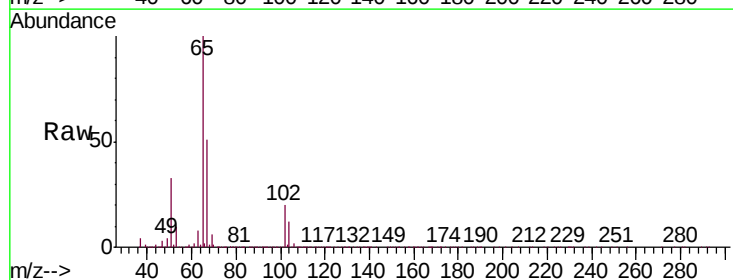
Acq: 20 Aug 2019 11:07

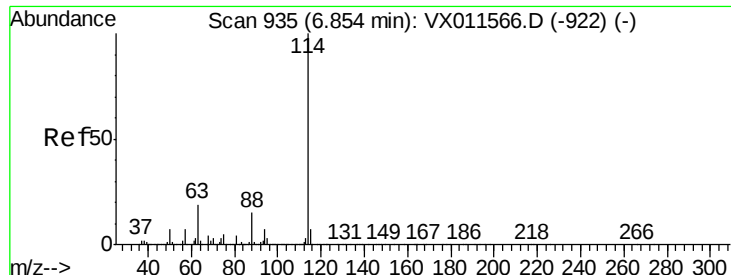
Tgt Ion: 65 Resp: 190126

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.6

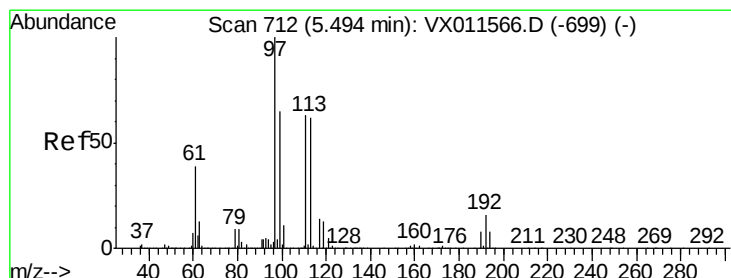
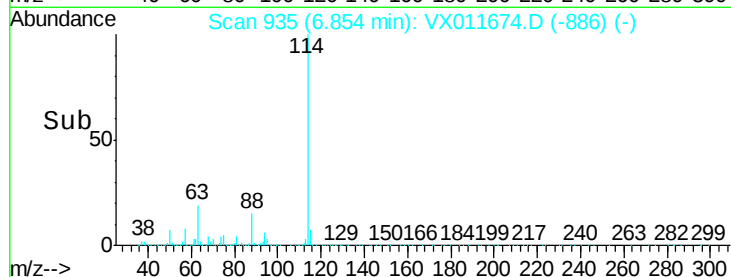
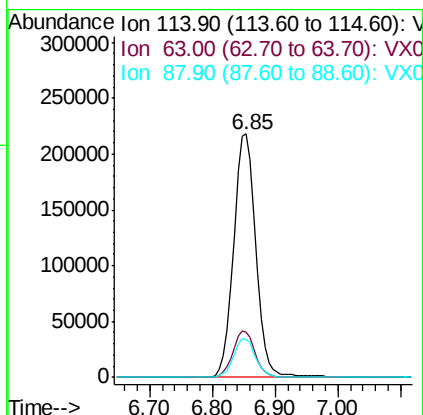
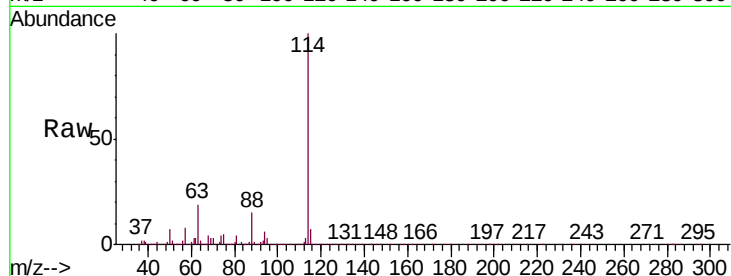




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.00 min
 Lab File: VX011674.D
 Acq: 20 Aug 2019 11:07

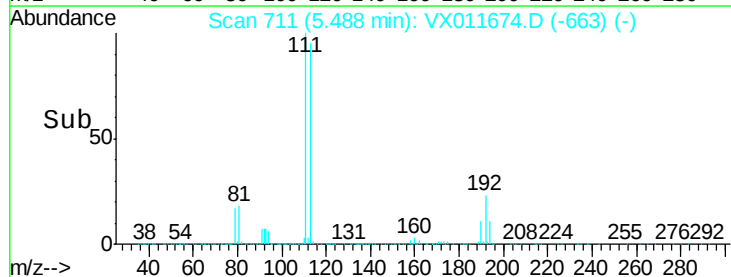
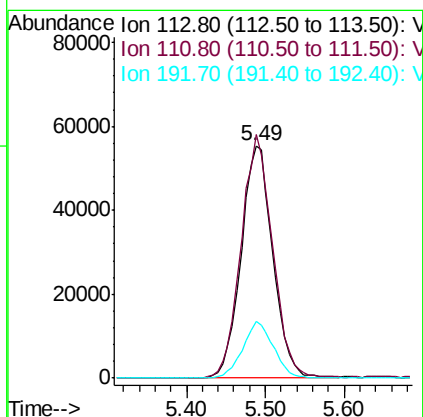
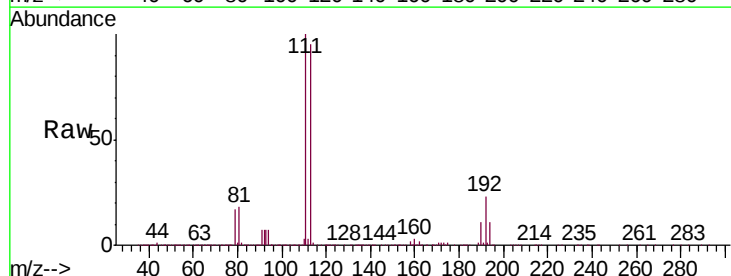
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20190816

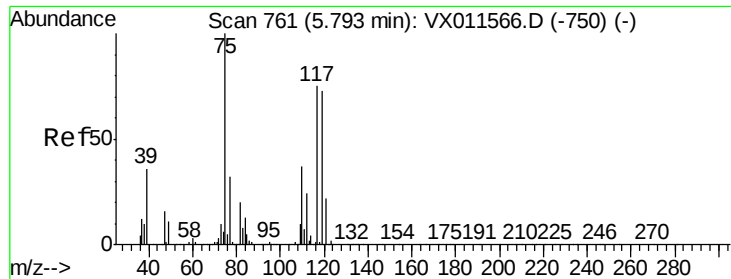
Tgt Ion:	114	Resp:	534369
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	37.8
88	15.2	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 44.335 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011674.D
 Acq: 20 Aug 2019 11:07

Tgt Ion:	113	Resp:	154956
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.1	121.7
192	23.7	20.8	31.2

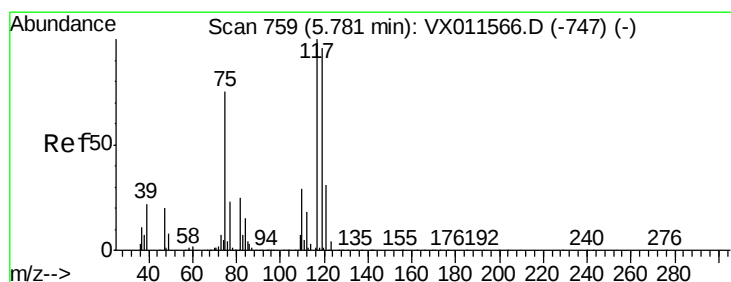
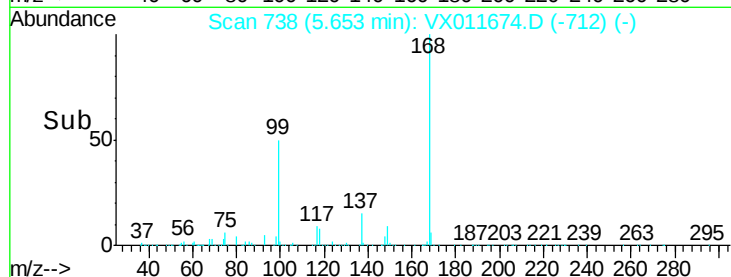
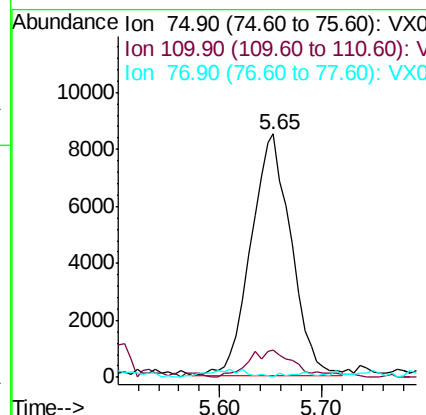
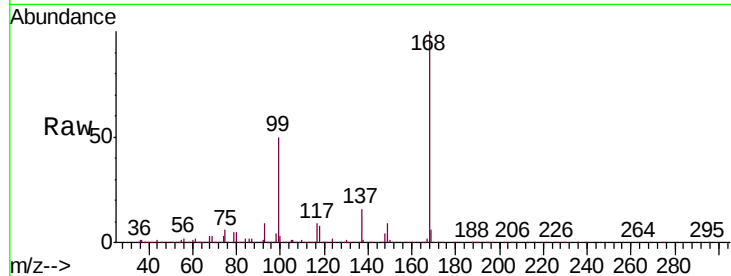




#36
 1,1-Dichloropropene
 Concen: 5.068 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.14 min
 Lab File: VX011674.D
 Acq: 20 Aug 2019 11:07

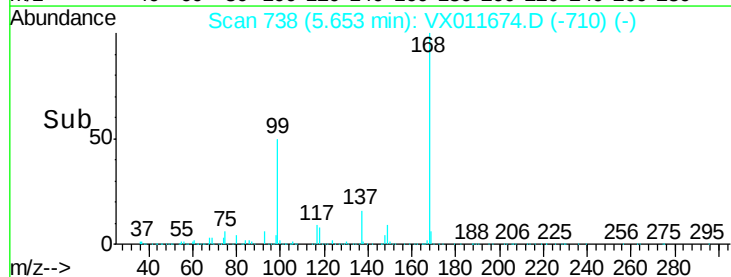
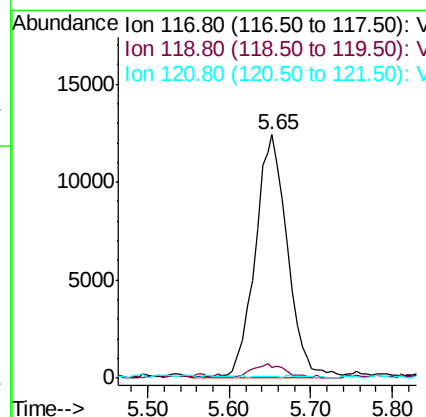
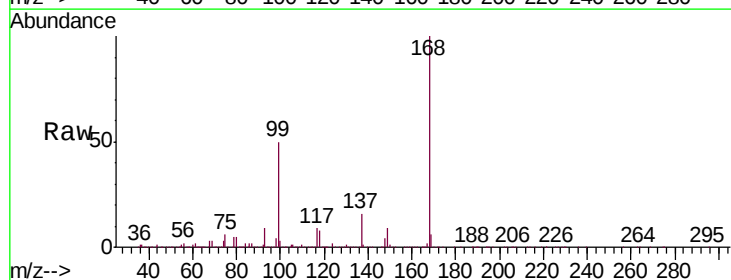
Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20190816

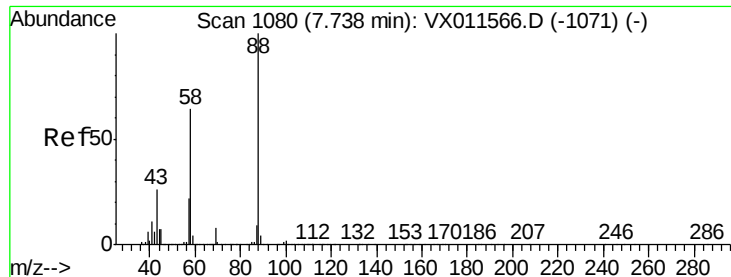
Tgt Ion	Ratio	Lower	Upper
75	100		
110	13.7	19.4	58.1#
77	0.0	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.837 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX011674.D
 Acq: 20 Aug 2019 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.8	76.9	115.3#
121	0.8	24.8	37.2#

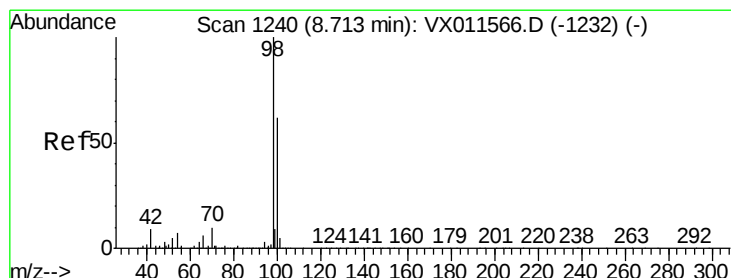
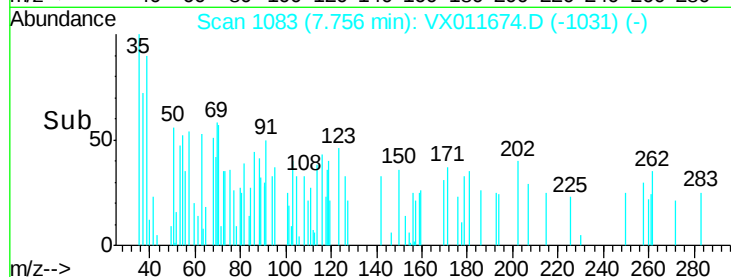
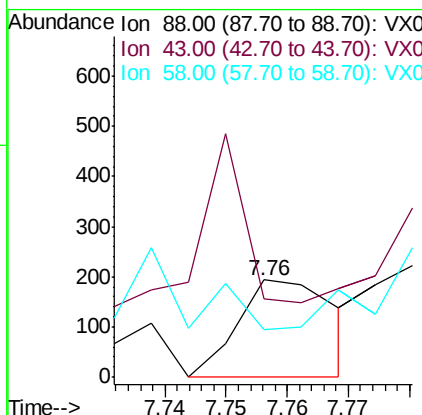
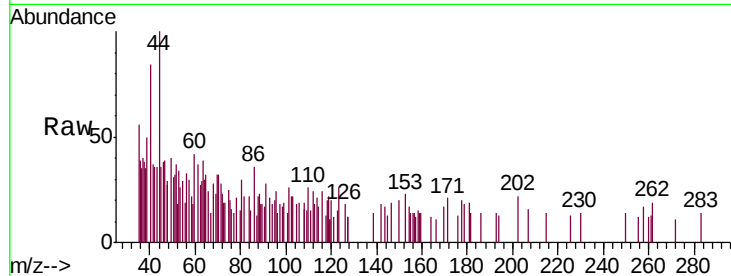




#49
1,4-Dioxane
Concen: 1.972 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.02 min
Lab File: VX011674.D
Acq: 20 Aug 2019 11:07

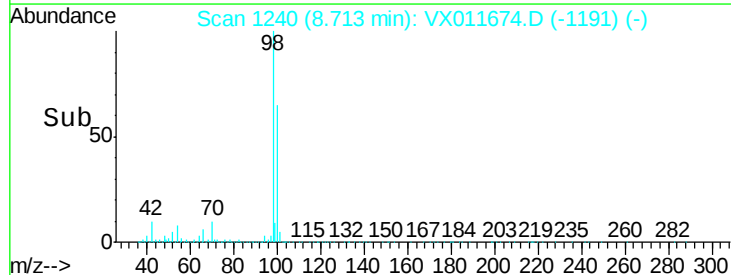
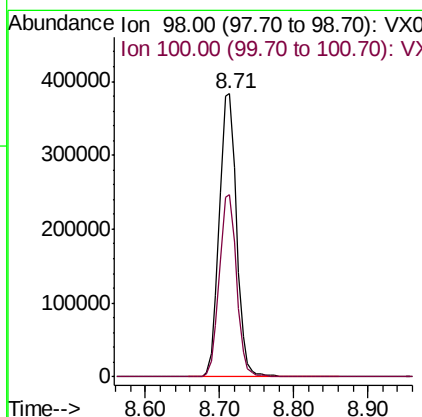
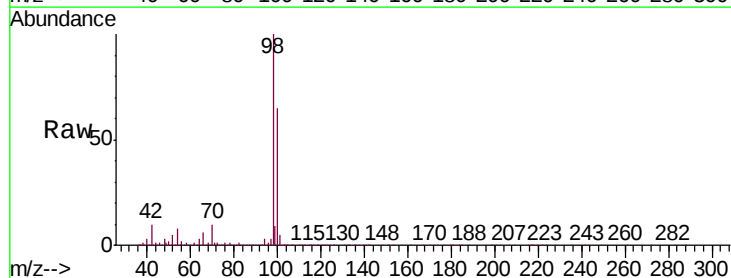
Instrument :
MSVOA_X
ClientSampled :
TT-TB-20190816

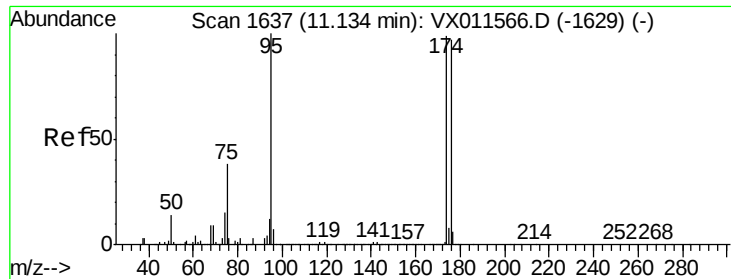
Tgt Ion: 88 Resp: 213
Ion Ratio Lower Upper
88 100
43 125.4 23.4 35.0#
58 58.2 54.3 81.5



#50
Toluene-d8
Concen: 56.780 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX011674.D
Acq: 20 Aug 2019 11:07

Tgt Ion: 98 Resp: 618355
Ion Ratio Lower Upper
98 100
100 64.5 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 48.072 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011674.D

Acq: 20 Aug 2019 11:07

Instrument :

MSVOA_X

ClientSampleId :

TT-TB-20190816

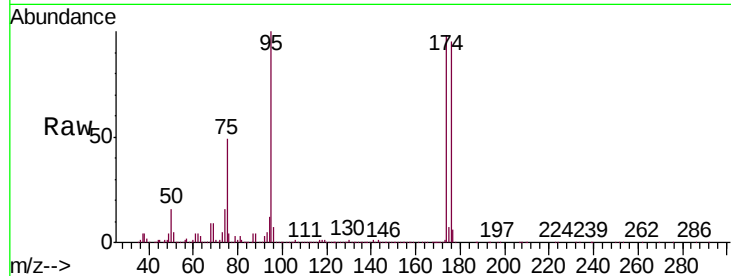
Tgt Ion: 95 Resp: 220969

Ion Ratio Lower Upper

95 100

174 96.7 0.0 200.6

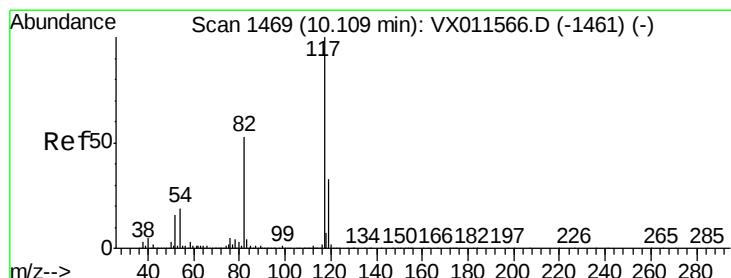
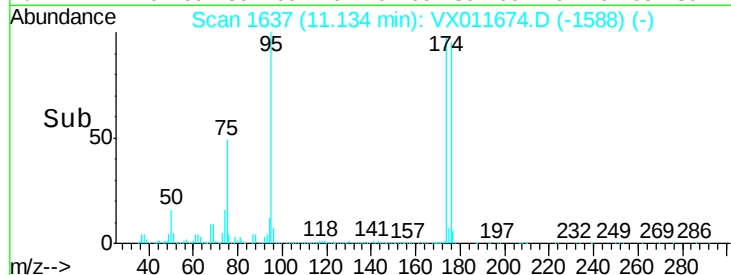
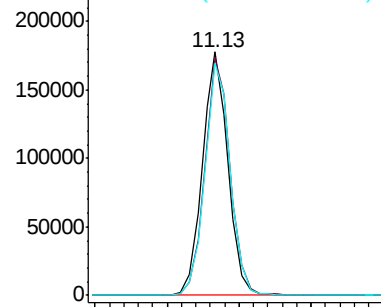
176 95.0 0.0 196.6



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011674.D

Acq: 20 Aug 2019 11:07

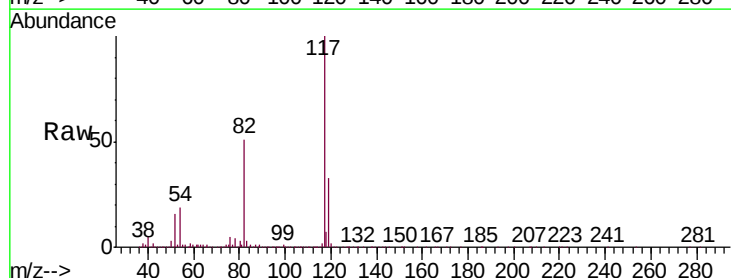
Tgt Ion: 117 Resp: 501318

Ion Ratio Lower Upper

117 100

82 51.2 42.0 63.0

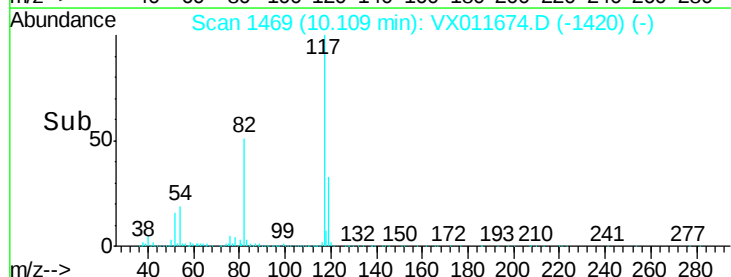
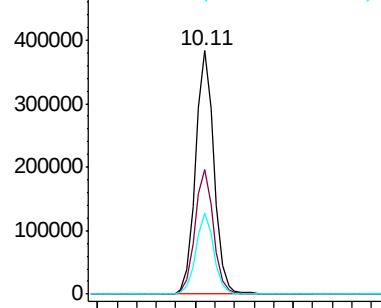
119 33.1 26.5 39.7

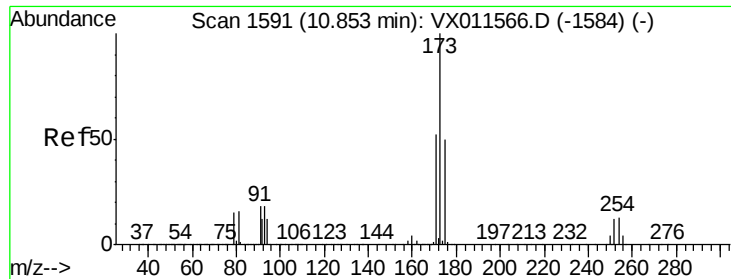


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#71

Bromoform

Concen: 3.316 ug/l

RT: 10.85 min Scan# 1590

Delta R.T. -0.01 min

Lab File: VX011674.D

Acq: 20 Aug 2019 11:07

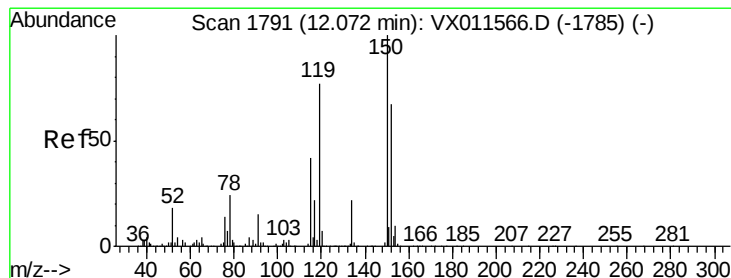
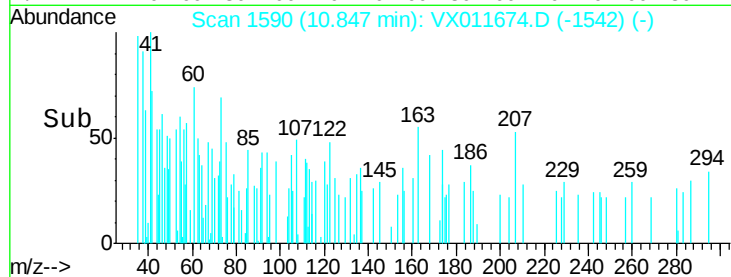
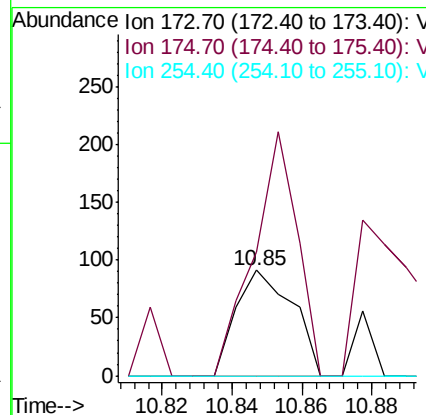
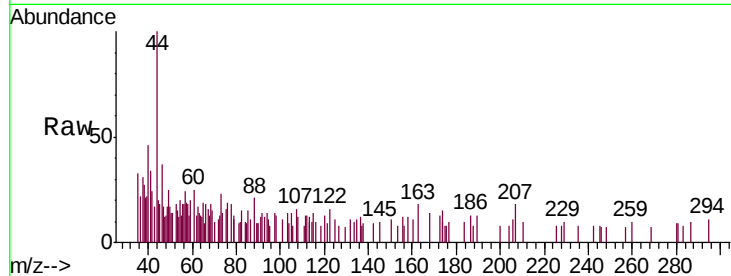
Instrument :

MSVOA_X

ClientSampled :

TT-TB-20190816

Tgt Ion:	173	Resp:	102
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.9	74.7#
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

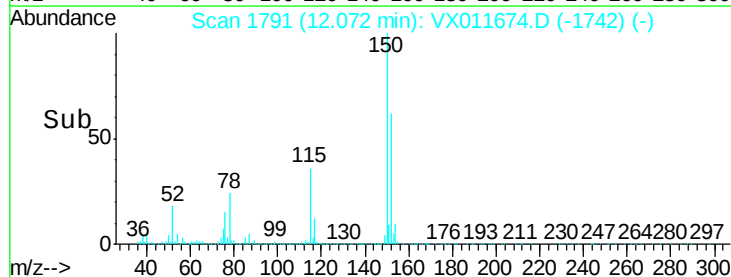
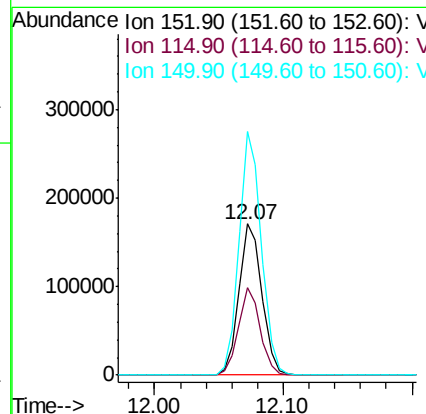
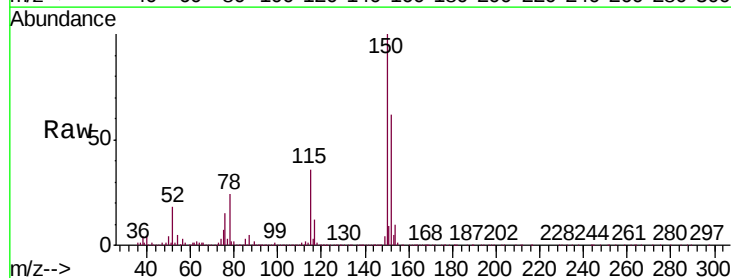
RT: 12.07 min Scan# 1791

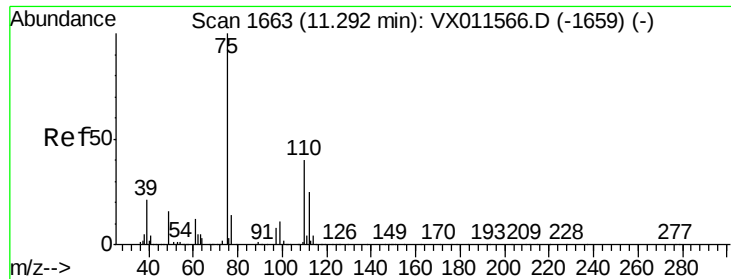
Delta R.T. -0.00 min

Lab File: VX011674.D

Acq: 20 Aug 2019 11:07

Tgt Ion:	152	Resp:	211762
Ion Ratio	Lower	Upper	
152	100		
115	55.4	37.3	111.9
150	157.0	0.0	346.2

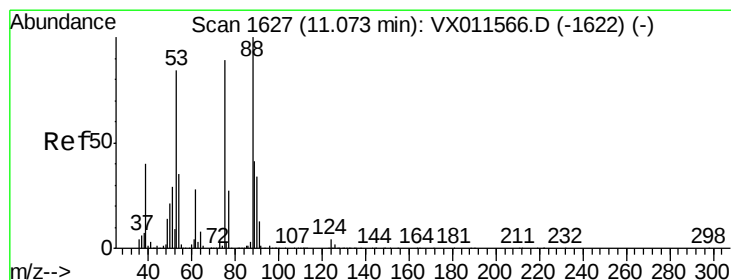
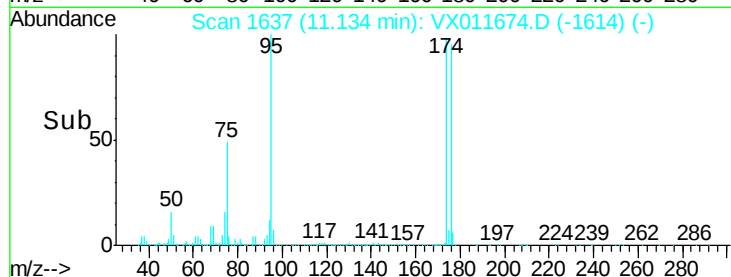
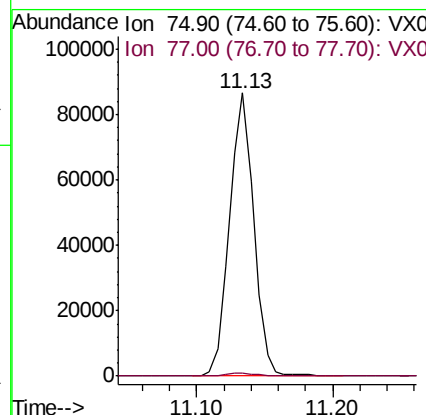
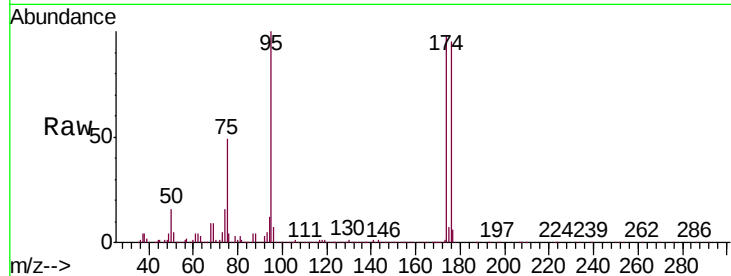




#76
 1,2,3-Trichloropropane
 Concen: 26.577 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX011674.D
 Acq: 20 Aug 2019 11:07

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-TB-20190816

Tgt Ion: 75 Resp: 106718
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.9 62.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.021 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX011674.D
 Acq: 20 Aug 2019 11:07

Tgt Ion: 75 Resp: 106718
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.4 116.0#
 89 0.1 37.3 55.9#

