

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022519\
 Data File : VX007703.D
 Acq On : 26 Feb 2019 08:41
 Operator : JC/SP
 Sample : K1603-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T2-UV(PRE)

Quant Time: Feb 26 11:52:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	335652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	575830	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	550562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	248663	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	205801	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
35) Dibromofluoromethane	5.51	113	191377	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
50) Toluene-d8	8.71	98	700915	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.13	95	243994	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	

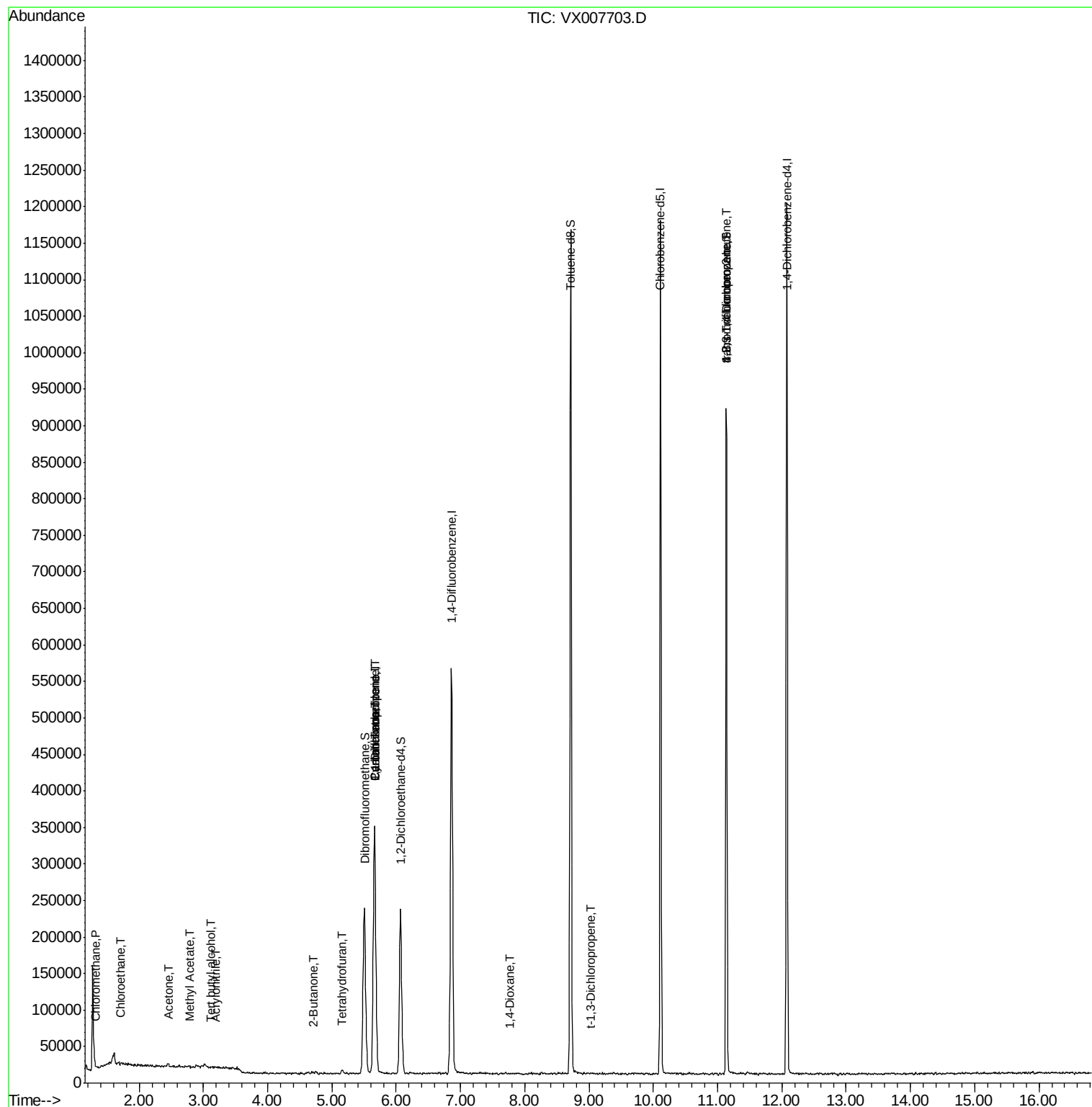
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	961	0.280	ug/l #	74
5) Bromomethane	1.65	94	209	Below Cal	#	42
6) Chloroethane	1.71	64	694	0.309	ug/l #	43
11) Tert butyl alcohol	3.11	59	162	0.205	ug/l #	1
15) Acrylonitrile	3.20	53	444	0.239	ug/l #	67
16) Acetone	2.45	43	6594	3.566	ug/l #	86
18) Methyl Acetate	2.78	43	1492	0.370	ug/l	94
25) 2-Butanone	4.71	43	2844	1.010	ug/l #	58
29) Tetrahydrofuran	5.15	42	5029	2.709	ug/l #	51
31) Cyclohexane	5.66	56	7524	1.302	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	23655	4.569	ug/l #	50
38) Carbon Tetrachloride	5.66	117	31891	6.133	ug/l #	16
49) 1,4-Dioxane	7.76	88	434	4.331	ug/l #	28
53) t-1,3-Dichloropropene	9.04	75	67	2.813	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	117940	22.251	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	117940	59.048	ug/l #	9

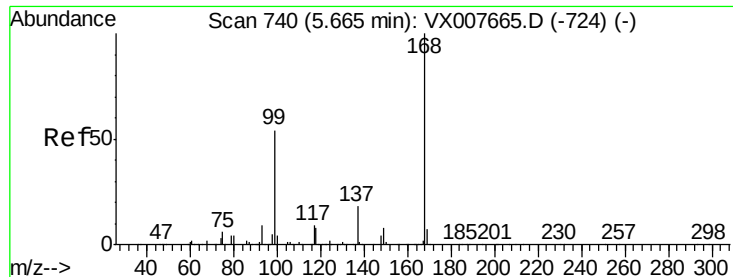
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022519\
Data File : VX007703.D
Acq On : 26 Feb 2019 08:41
Operator : JC/SP
Sample : K1603-18
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
M2-T2-UV(PRE)

Quant Time: Feb 26 11:52:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007703.D

Acq: 26 Feb 2019 08:41

Instrument :

MSVOA_X

ClientSampleId :

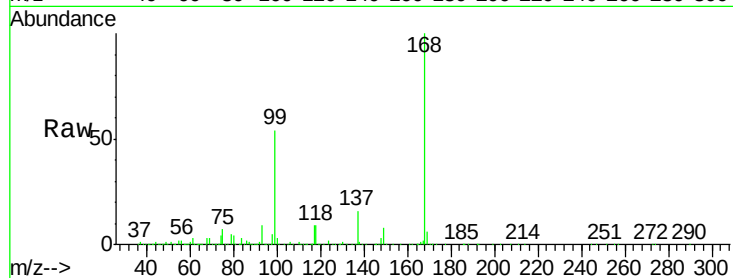
M2-T2-UV(PRE)

Tgt Ion:168 Resp: 335652

Ion Ratio Lower Upper

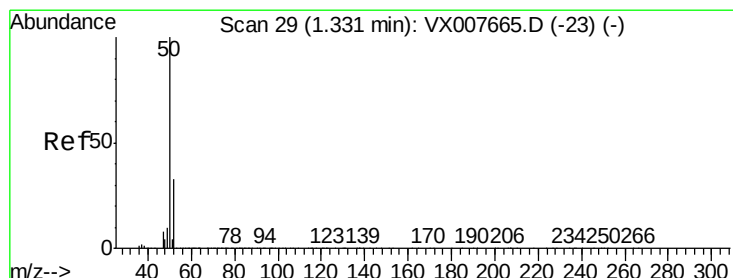
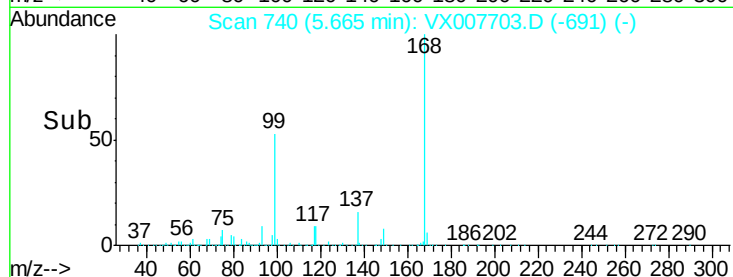
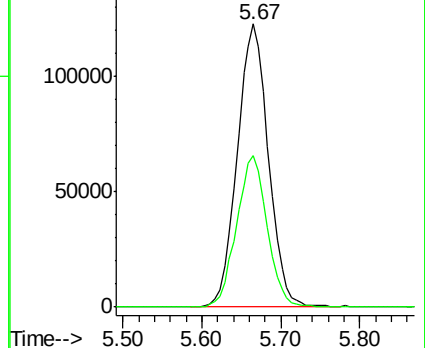
168 100

99 53.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.280 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007703.D

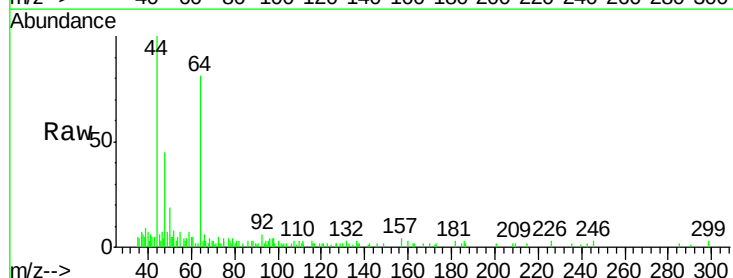
Acq: 26 Feb 2019 08:41

Tgt Ion: 50 Resp: 961

Ion Ratio Lower Upper

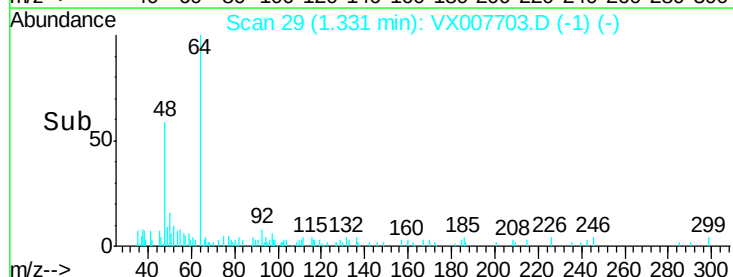
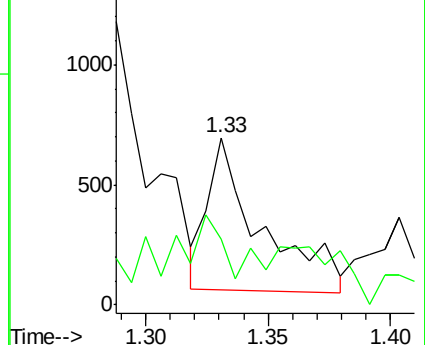
50 100

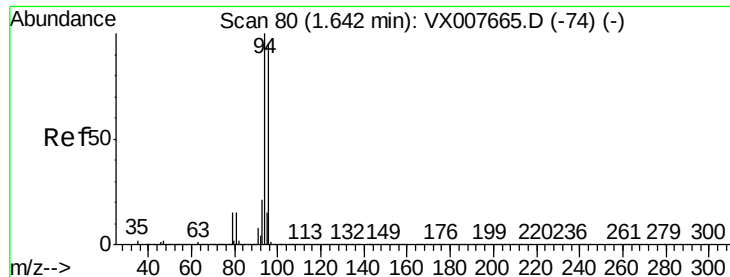
52 18.2 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007703.D

Acq: 26 Feb 2019 08:41

Instrument :

MSVOA_X

ClientSampleId :

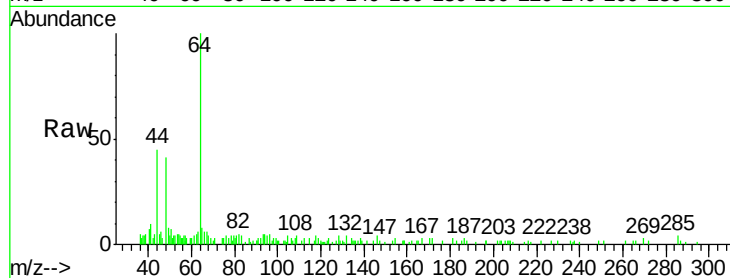
M2-T2-UV(PRE)

Tgt Ion: 94 Resp: 209

Ion Ratio Lower Upper

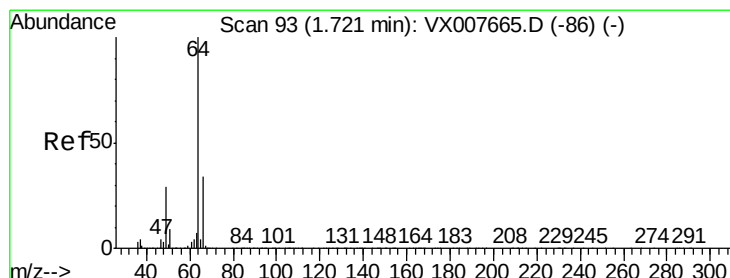
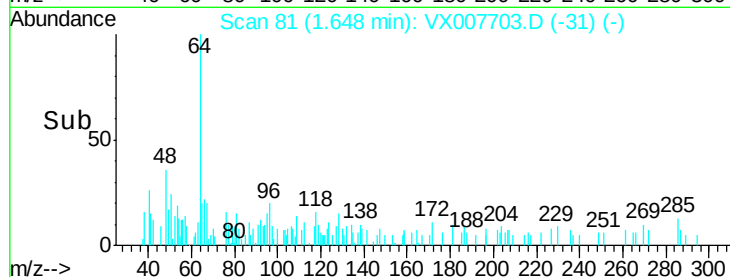
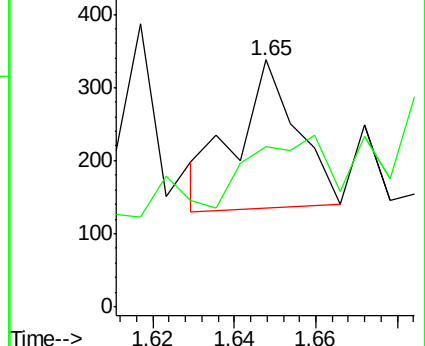
94 100

96 36.9 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.309 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX007703.D

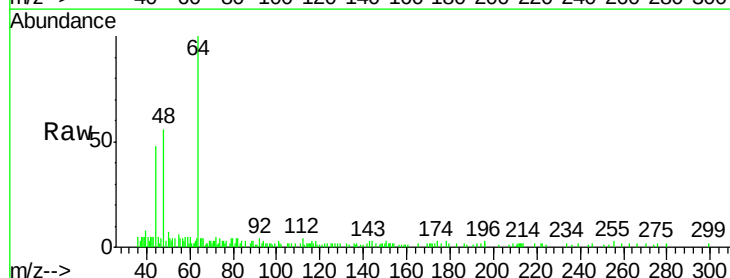
Acq: 26 Feb 2019 08:41

Tgt Ion: 64 Resp: 694

Ion Ratio Lower Upper

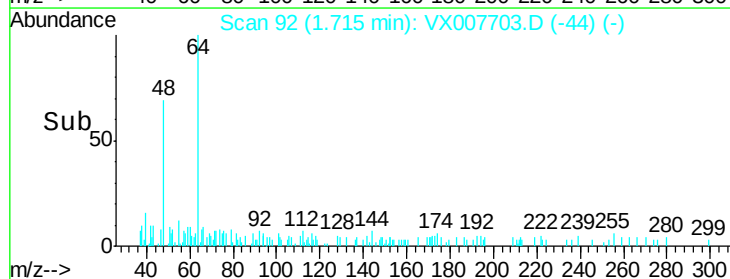
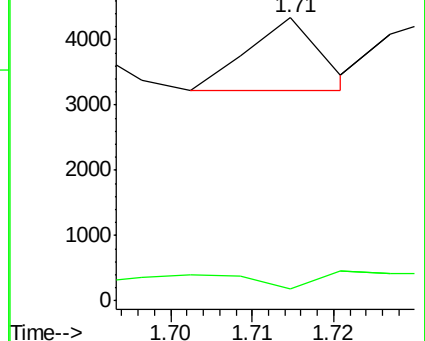
64 100

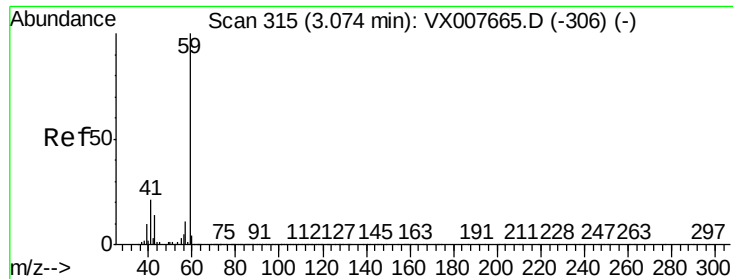
66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

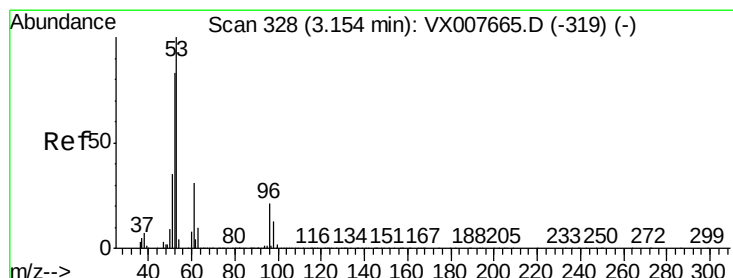
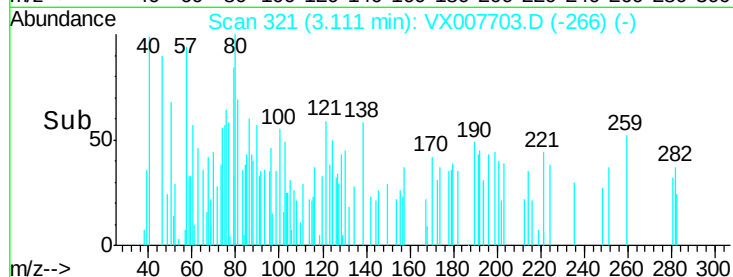
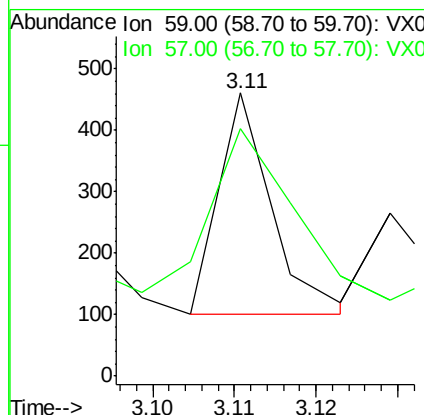
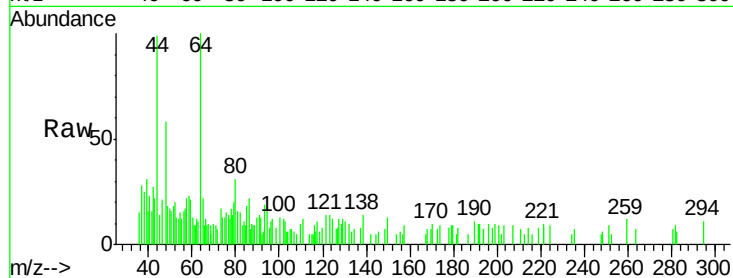




#11
Tert butyl alcohol
Concen: 0.205 ug/l
RT: 3.11 min Scan# 321
Delta R.T. 0.04 min
Lab File: VX007703.D
Acq: 26 Feb 2019 08:41

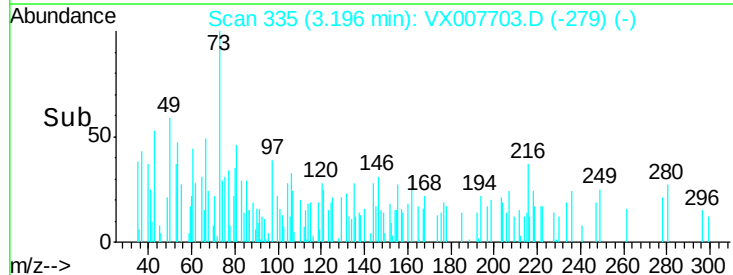
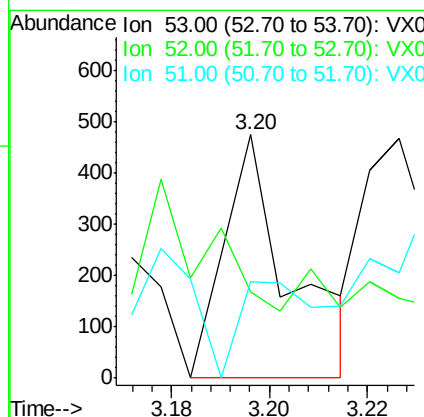
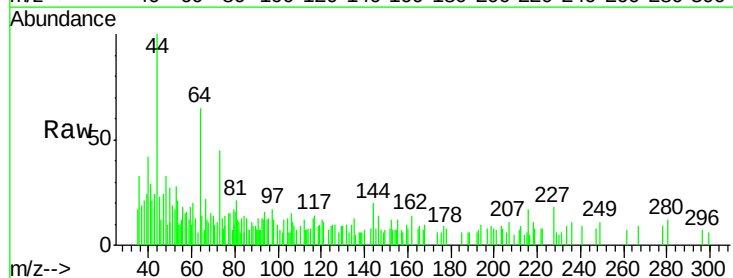
Instrument :
MSVOA_X
ClientSampled :
M2-T2-UV(PRE)

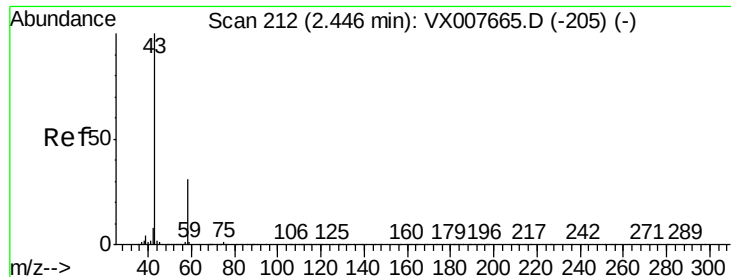
Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 122.8 8.1 12.1#



#15
Acrylonitrile
Concen: 0.239 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.04 min
Lab File: VX007703.D
Acq: 26 Feb 2019 08:41

Tgt Ion: 53 Resp: 444
Ion Ratio Lower Upper
53 100
52 45.5 66.4 99.6#
51 42.3 28.4 42.6

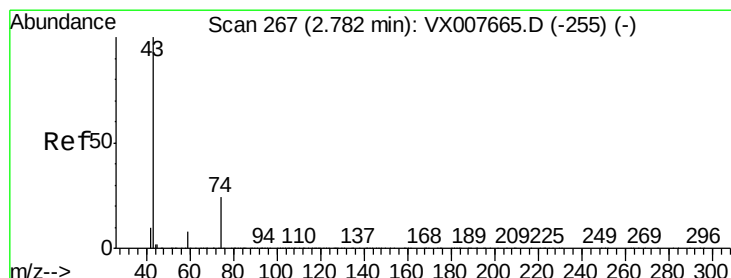
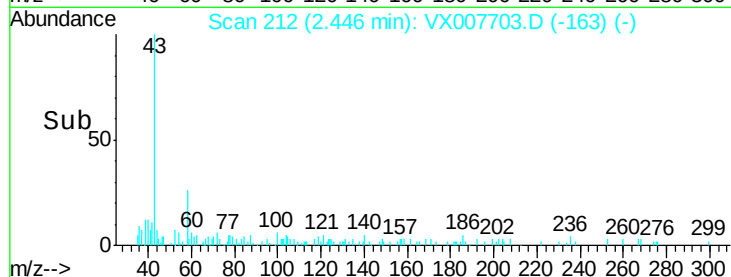
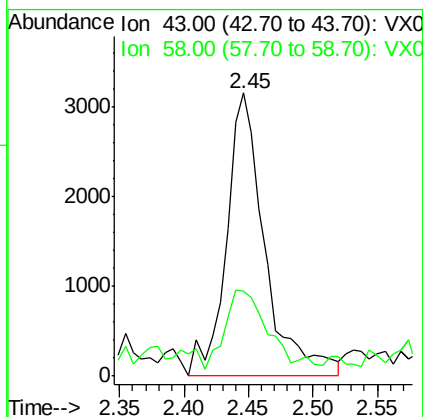
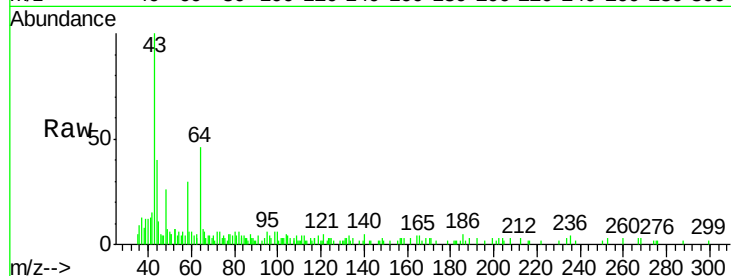




#16
Acetone
Concen: 3.566 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007703.D
Acq: 26 Feb 2019 08:41

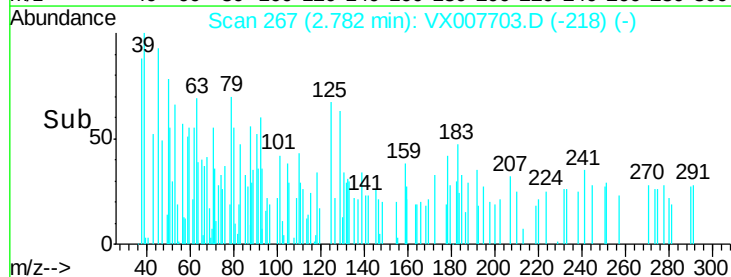
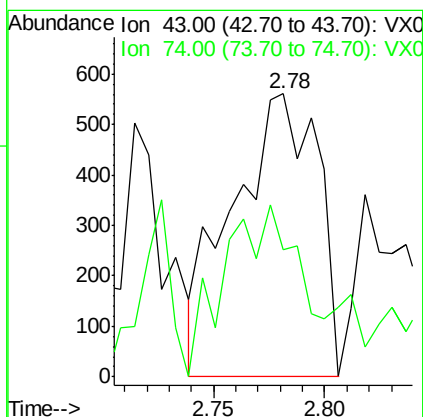
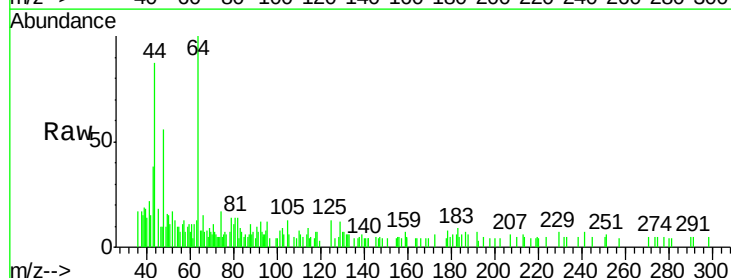
Instrument :
MSVOA_X
ClientSampleId :
M2-T2-UV(PRE)

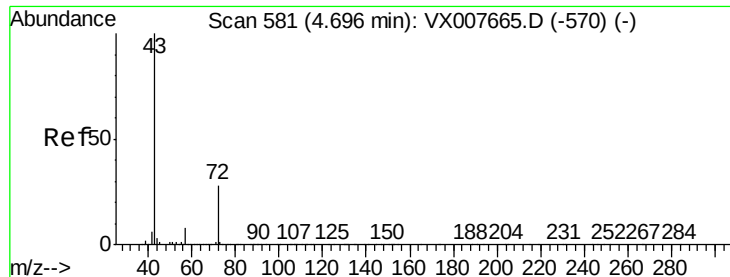
Tgt Ion: 43 Resp: 6594
Ion Ratio Lower Upper
43 100
58 23.4 24.9 37.3#



#18
Methyl Acetate
Concen: 0.370 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007703.D
Acq: 26 Feb 2019 08:41

Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
74 27.3 19.4 29.2





#25

2-Butanone

Concen: 1.010 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.02 min

Lab File: VX007703.D

Acq: 26 Feb 2019 08:41

Instrument :

MSVOA_X

ClientSampleId :

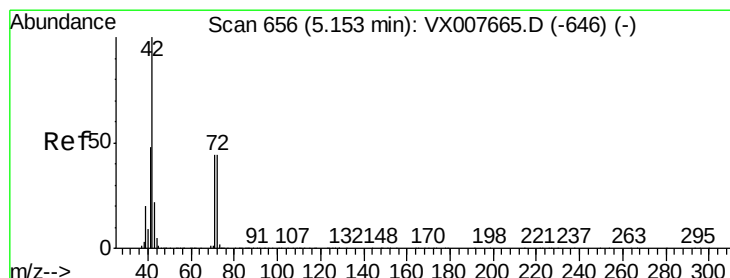
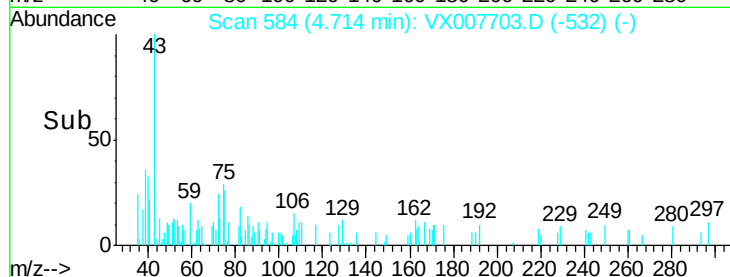
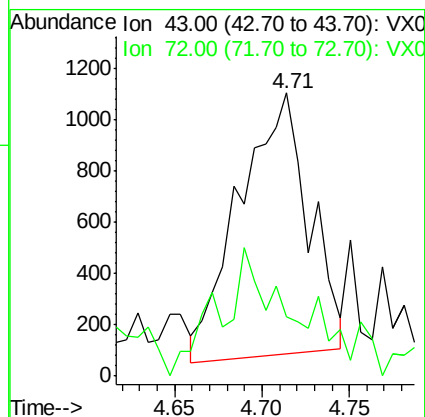
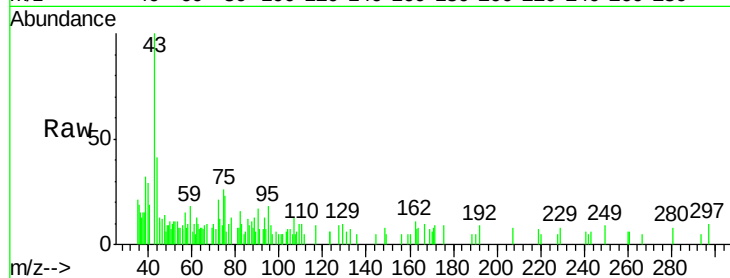
M2-T2-UV(PRE)

Tgt Ion: 43 Resp: 2844

Ion Ratio Lower Upper

43 100

72 5.5 22.2 33.2#



#29

Tetrahydrofuran

Concen: 2.709 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX007703.D

Acq: 26 Feb 2019 08:41

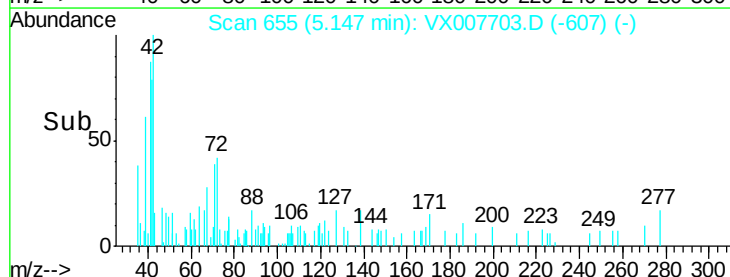
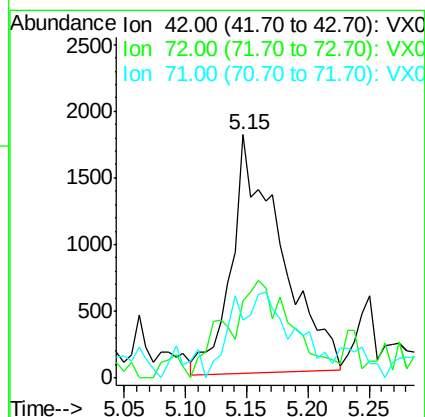
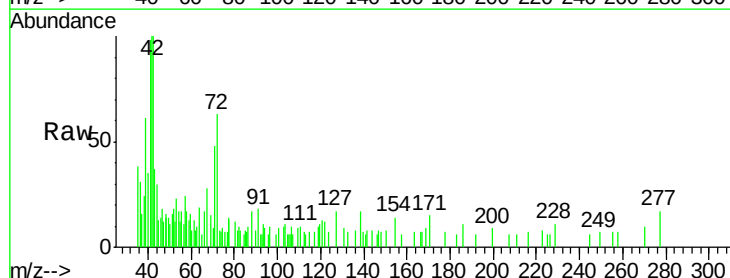
Tgt Ion: 42 Resp: 5029

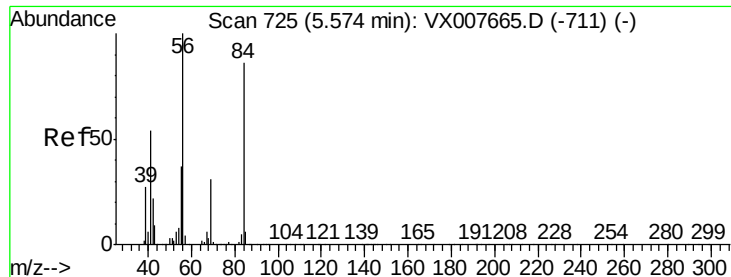
Ion Ratio Lower Upper

42 100

72 13.9 37.6 56.4#

71 12.5 34.6 51.8#

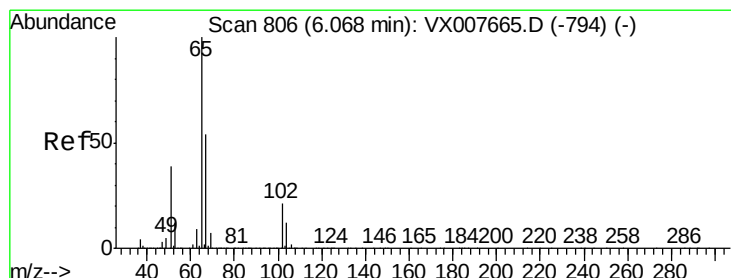
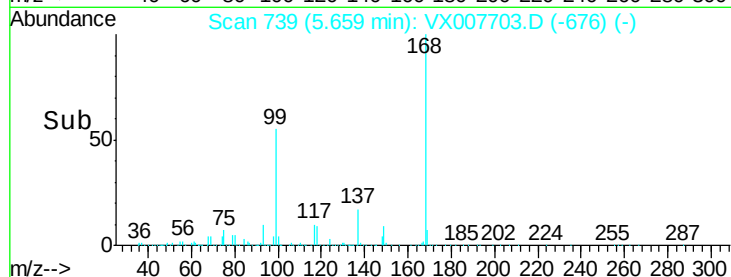
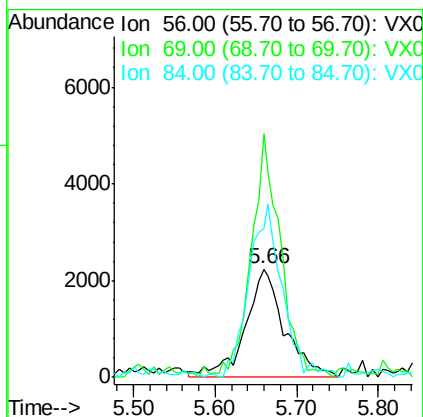
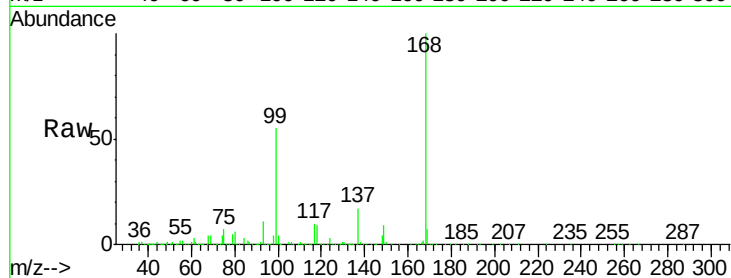




#31
Cyclohexane
Concen: 1.302 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX007703.D
Acq: 26 Feb 2019 08:41

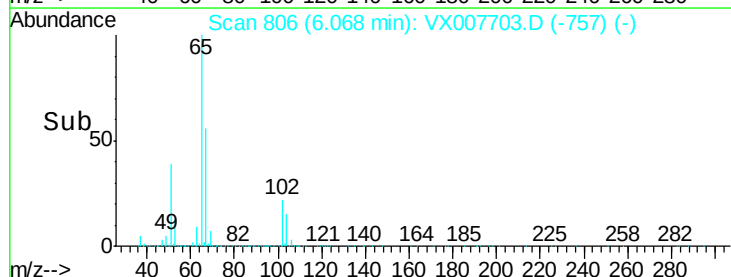
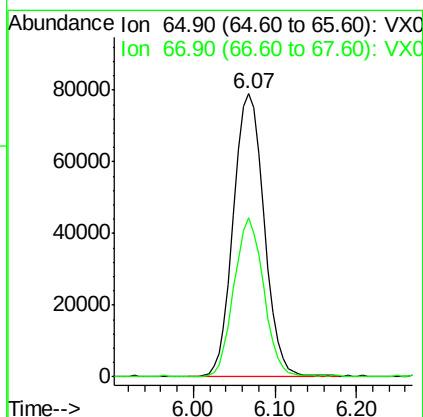
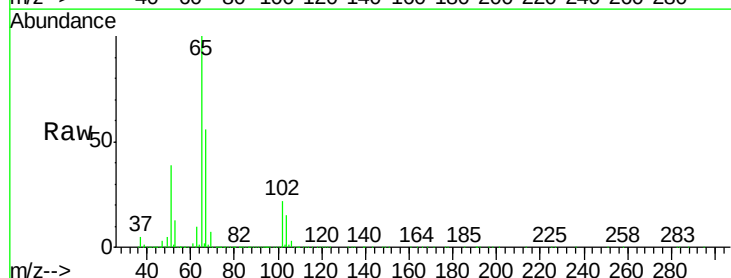
Instrument :
MSVOA_X
ClientSampleId :
M2-T2-UV(PRE)

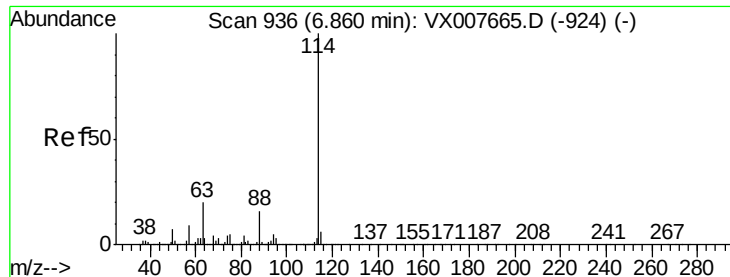
Tgt Ion: 56 Resp: 7524
Ion Ratio Lower Upper
56 100
69 230.4 23.0 34.6#
84 143.0 69.8 104.6#



#33
1,2-Dichloroethane-d4
Concen: 49.499 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007703.D
Acq: 26 Feb 2019 08:41

Tgt Ion: 65 Resp: 205801
Ion Ratio Lower Upper
65 100
67 54.5 0.0 108.8

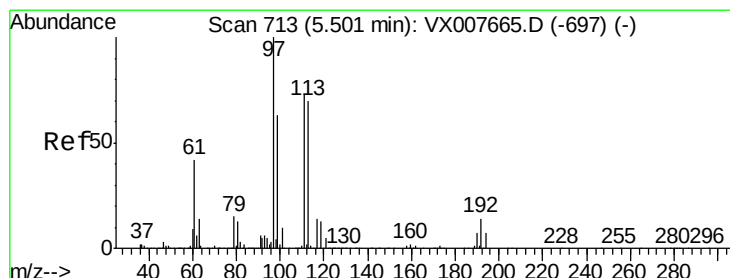
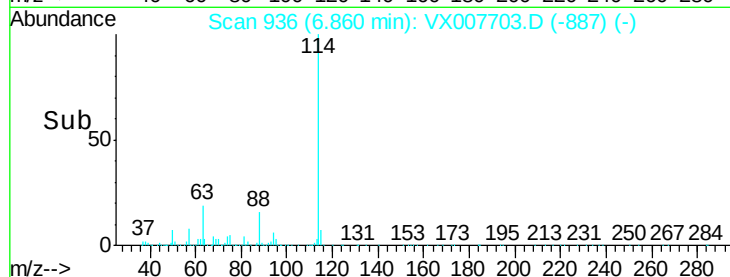
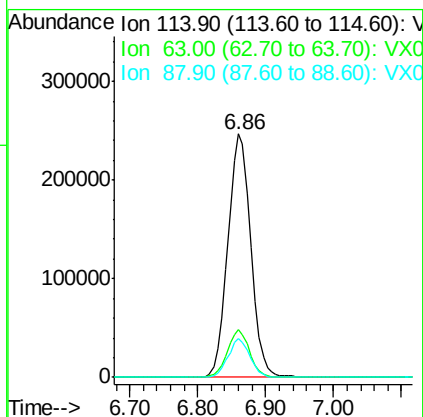
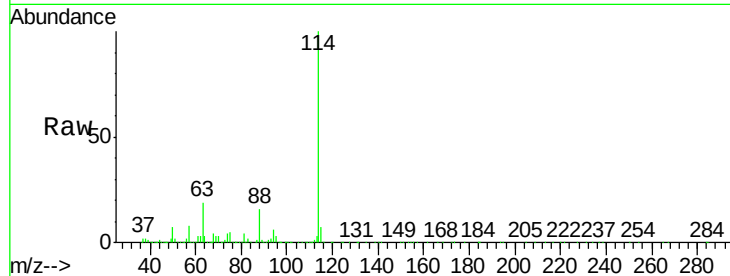




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007703.D
 Acq: 26 Feb 2019 08:41

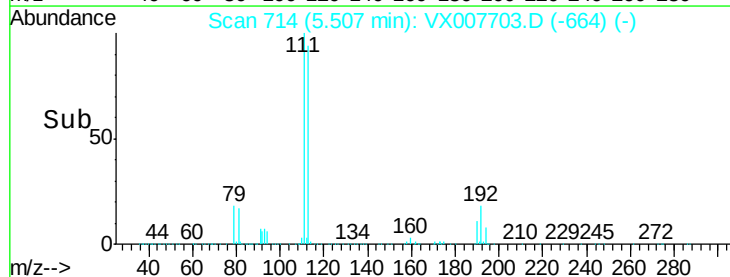
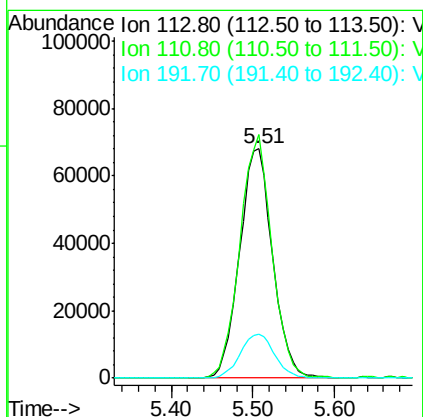
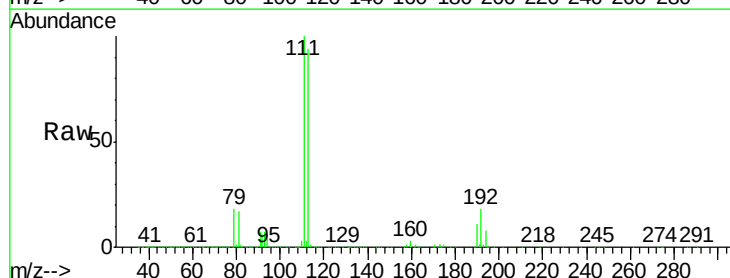
Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T2-UV(PRE)

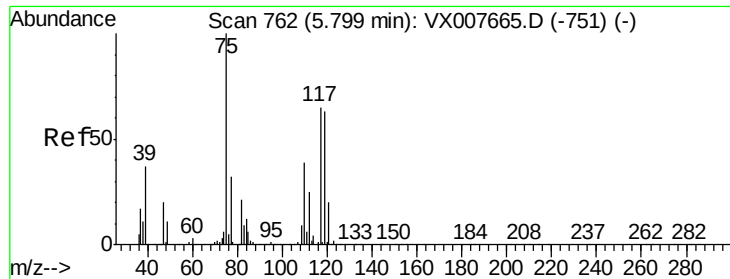
Tgt Ion:114 Resp: 575830
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 35.6
 88 15.7 0.0 29.6



#35
 Dibromofluoromethane
 Concen: 49.718 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007703.D
 Acq: 26 Feb 2019 08:41

Tgt Ion:113 Resp: 191377
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.8 122.8
 192 20.2 18.5 27.7





#36

1,1-Dichloropropene

Concen: 4.569 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007703.D

Acq: 26 Feb 2019 08:41

Instrument :

MSVOA_X

ClientSampleId :

M2-T2-UV(PRE)

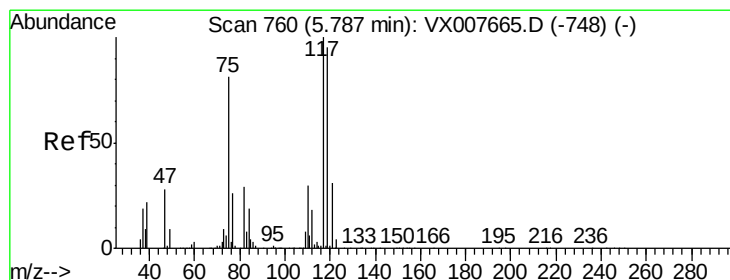
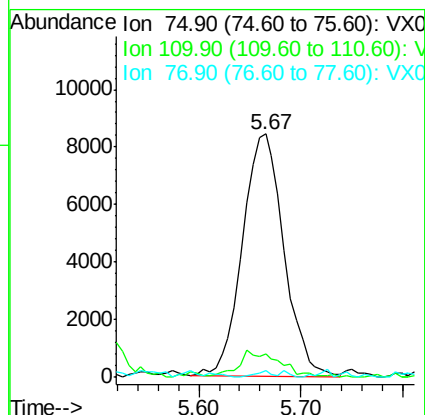
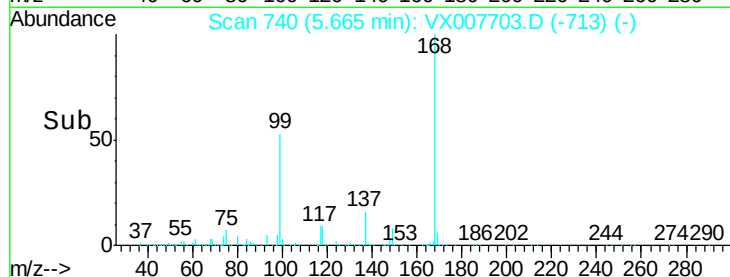
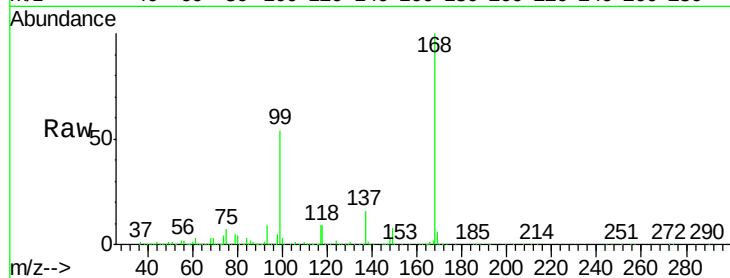
Tgt Ion: 75 Resp: 23655

Ion Ratio Lower Upper

75 100

110 11.2 20.0 59.9#

77 1.2 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.133 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX007703.D

Acq: 26 Feb 2019 08:41

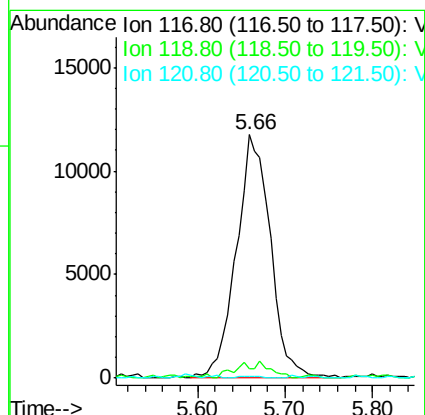
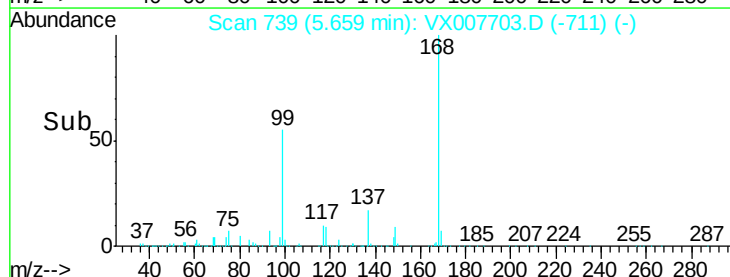
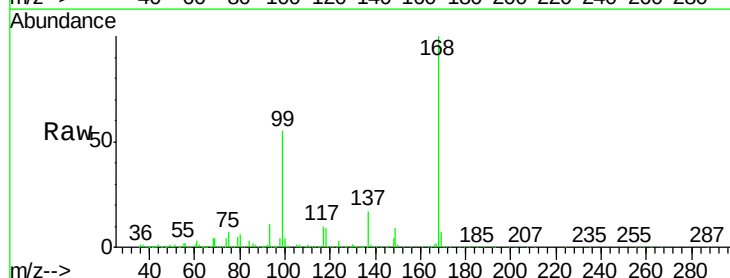
Tgt Ion: 117 Resp: 31891

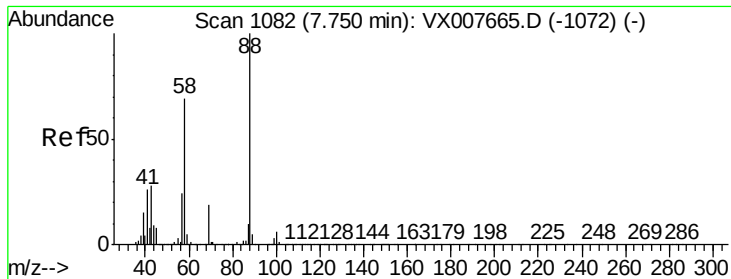
Ion Ratio Lower Upper

117 100

119 3.8 75.3 112.9#

121 0.8 25.0 37.4#

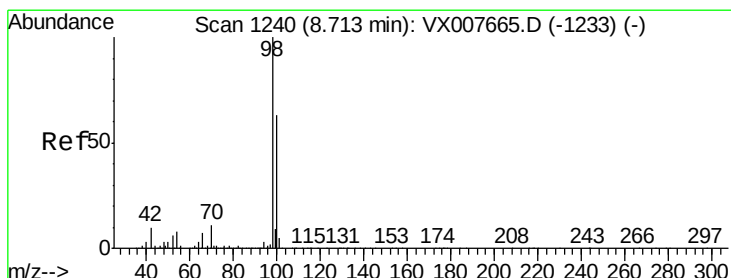
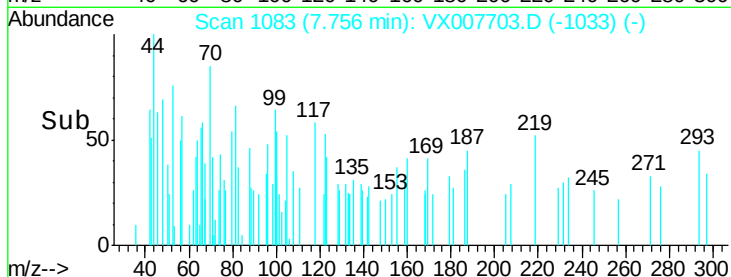
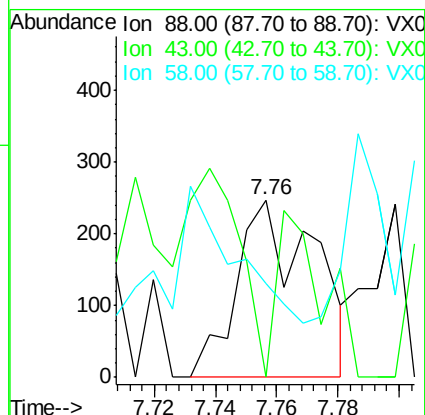
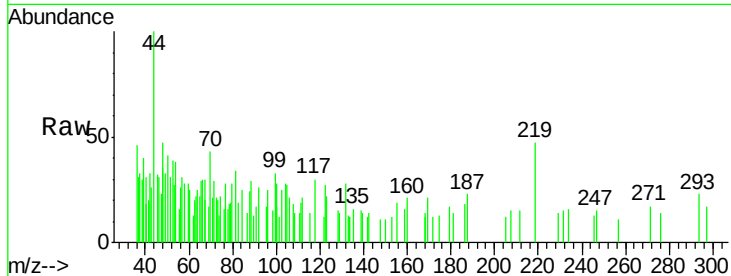




#49
1,4-Dioxane
Concen: 4.331 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007703.D
Acq: 26 Feb 2019 08:41

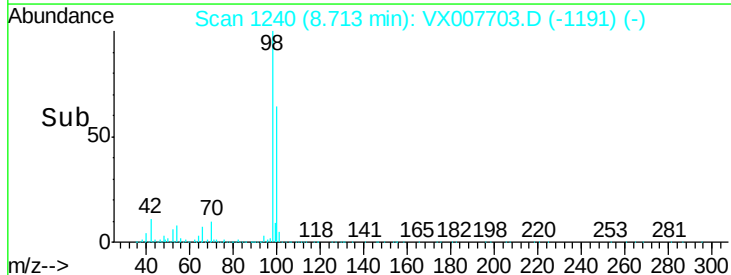
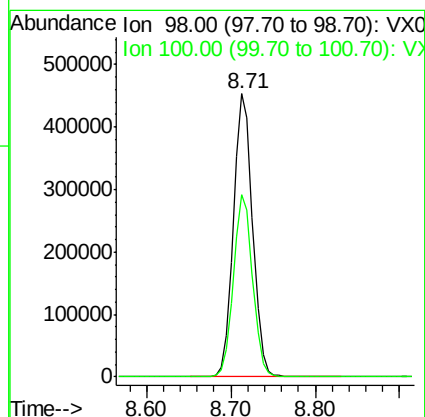
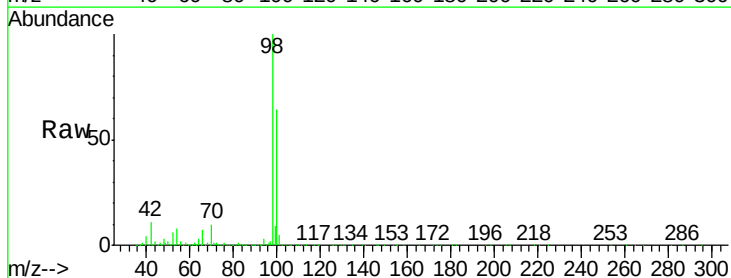
Instrument :
MSVOA_X
ClientSampleId :
M2-T2-UV(PRE)

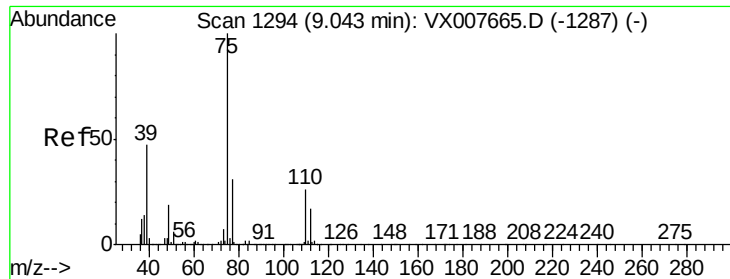
Tgt Ion: 88 Resp: 434
Ion Ratio Lower Upper
88 100
43 55.5 24.2 36.4#
58 0.0 53.0 79.4#



#50
Toluene-d8
Concen: 47.564 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007703.D
Acq: 26 Feb 2019 08:41

Tgt Ion: 98 Resp: 700915
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4





#53

t-1,3-Dichloropropene

Concen: 2.813 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX007703.D

Acq: 26 Feb 2019 08:41

Instrument :

MSVOA_X

ClientSampleId :

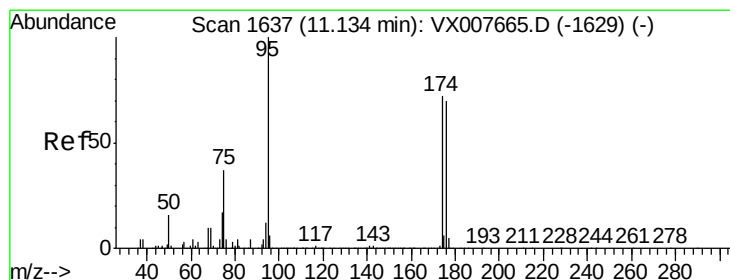
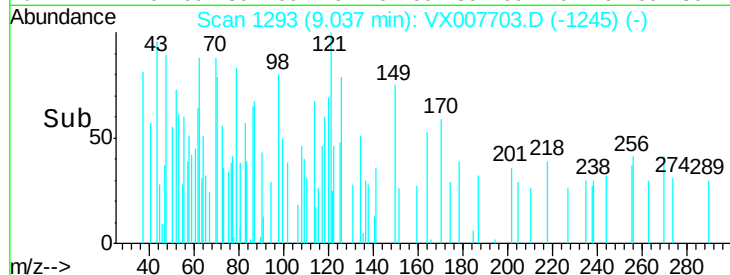
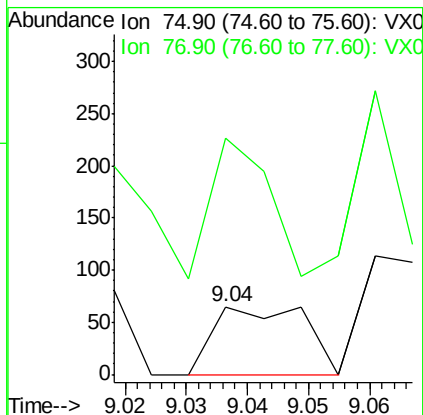
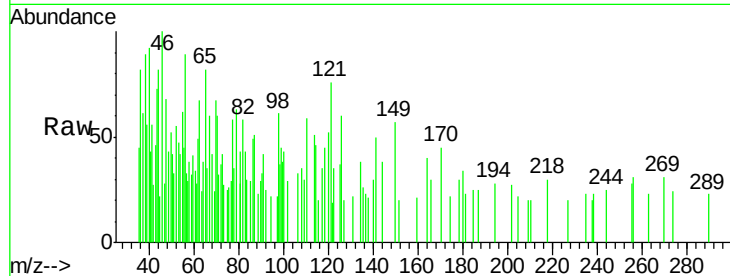
M2-T2-UV(PRE)

Tgt Ion: 75 Resp: 67

Ion Ratio Lower Upper

75 100

77 206.2 25.2 37.8#



#62

4-Bromofluorobenzene

Concen: 45.111 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007703.D

Acq: 26 Feb 2019 08:41

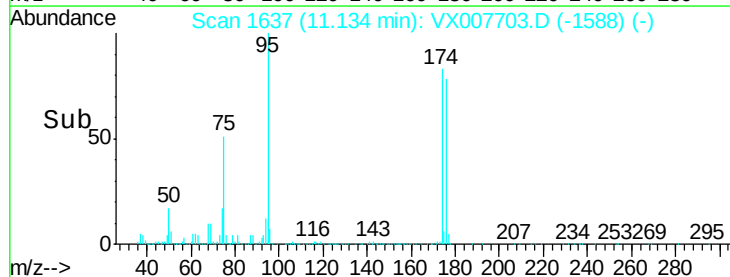
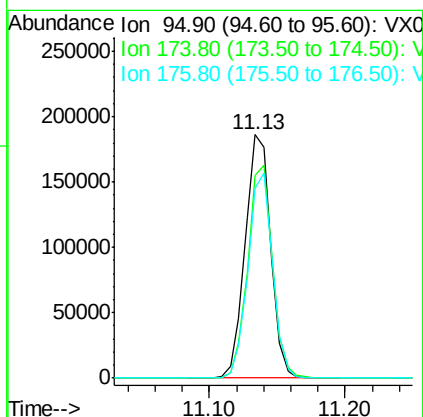
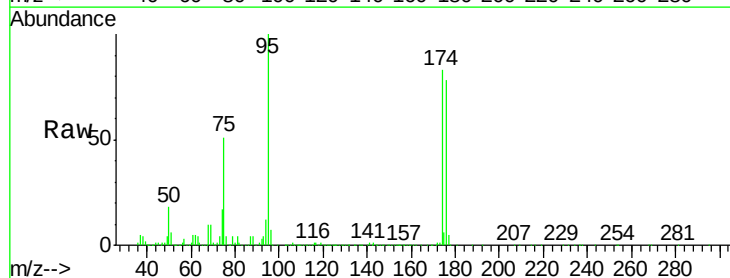
Tgt Ion: 95 Resp: 243994

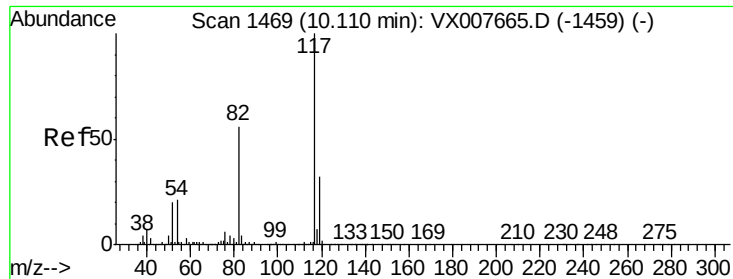
Ion Ratio Lower Upper

95 100

174 85.7 0.0 189.2

176 82.2 0.0 186.2

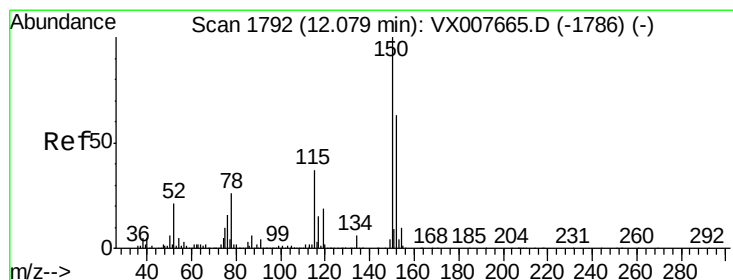
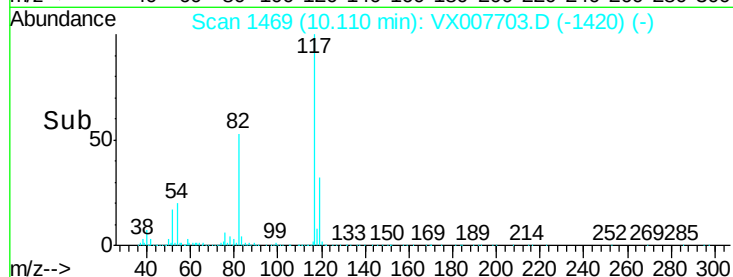
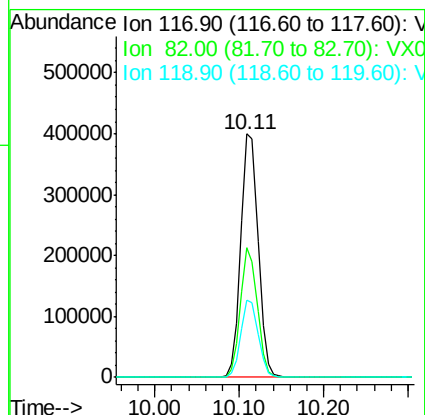
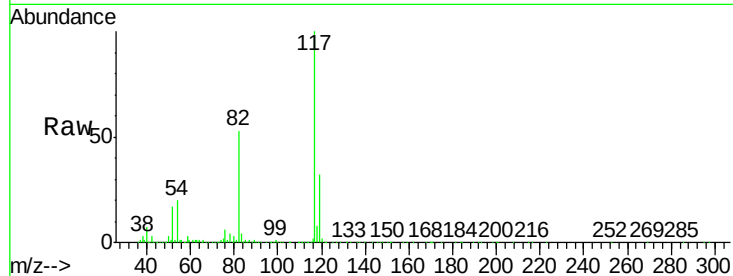




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007703.D
Acq: 26 Feb 2019 08:41

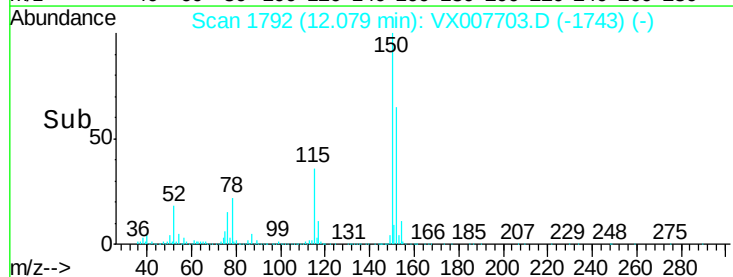
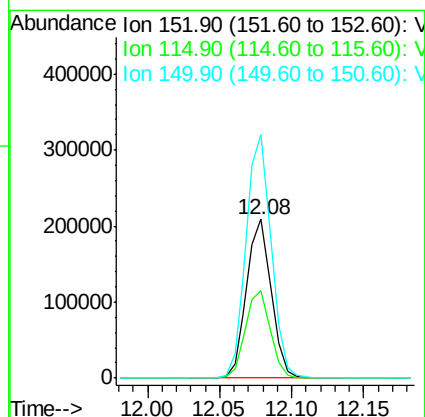
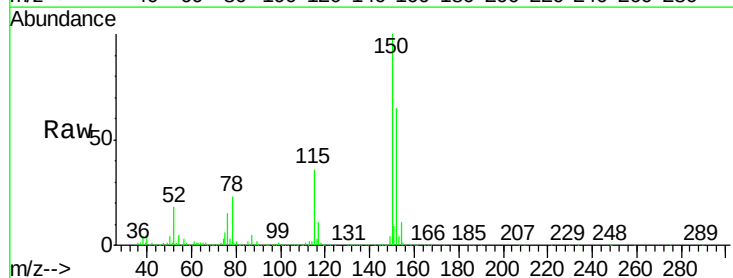
Instrument :
MSVOA_X
ClientSampleId :
M2-T2-UV(PRE)

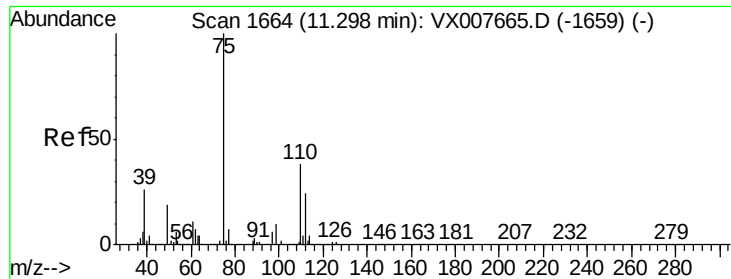
Tgt Ion:117 Resp: 550562
Ion Ratio Lower Upper
117 100
82 53.2 42.1 63.1
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007703.D
Acq: 26 Feb 2019 08:41

Tgt Ion:152 Resp: 248663
Ion Ratio Lower Upper
152 100
115 55.6 38.0 114.0
150 155.8 0.0 346.4

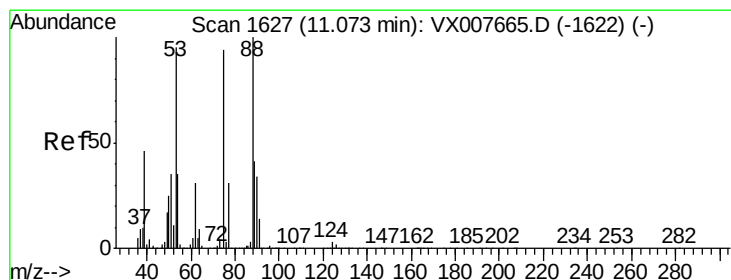
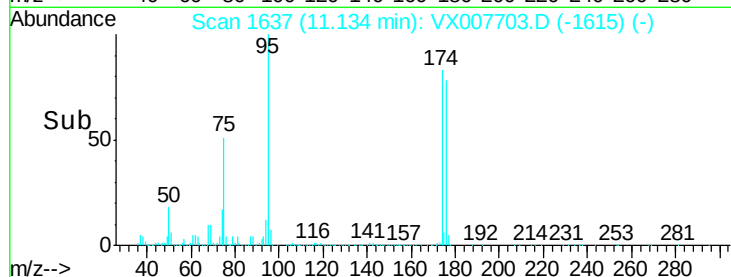
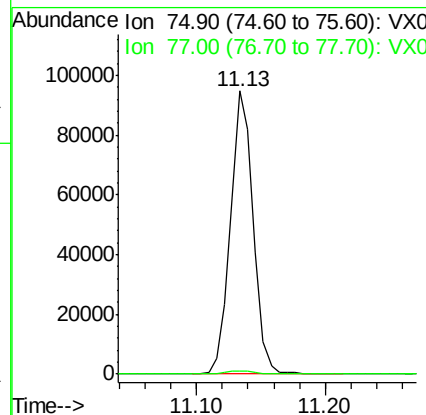
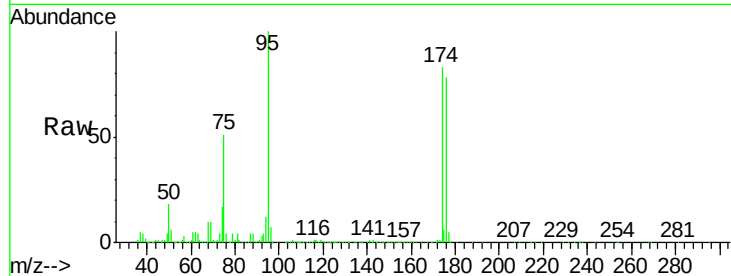




#76
 1,2,3-Trichloropropane
 Concen: 22.251 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007703.D
 Acq: 26 Feb 2019 08:41

Instrument :
 MSVOA_X
 ClientSampleId :
 M2-T2-UV(PRE)

Tgt Ion: 75 Resp: 117940
 Ion Ratio Lower Upper
 75 100
 77 1.5 23.0 69.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.048 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007703.D
 Acq: 26 Feb 2019 08:41

Tgt Ion: 75 Resp: 117940
 Ion Ratio Lower Upper
 75 100
 53 0.3 81.0 121.6#
 89 0.1 41.4 62.0#

