

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007080.D
 Acq On : 17 Jan 2019 11:23
 Operator : JC/SP
 Sample : VX0117MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBL01

Quant Time: Jan 18 04:46:49 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	5.66	168	562213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	873527	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	826571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	405627	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	306279	52.13	ug/l	0.00
Spiked Amount			Recovery	=	104.26%	
35) Dibromofluoromethane	5.51	113	268847	48.06	ug/l	0.00
Spiked Amount			Recovery	=	96.12%	
50) Toluene-d8	8.71	98	1053596	51.46	ug/l	0.00
Spiked Amount			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	377034	52.82	ug/l	0.00
Spiked Amount			Recovery	=	105.64%	

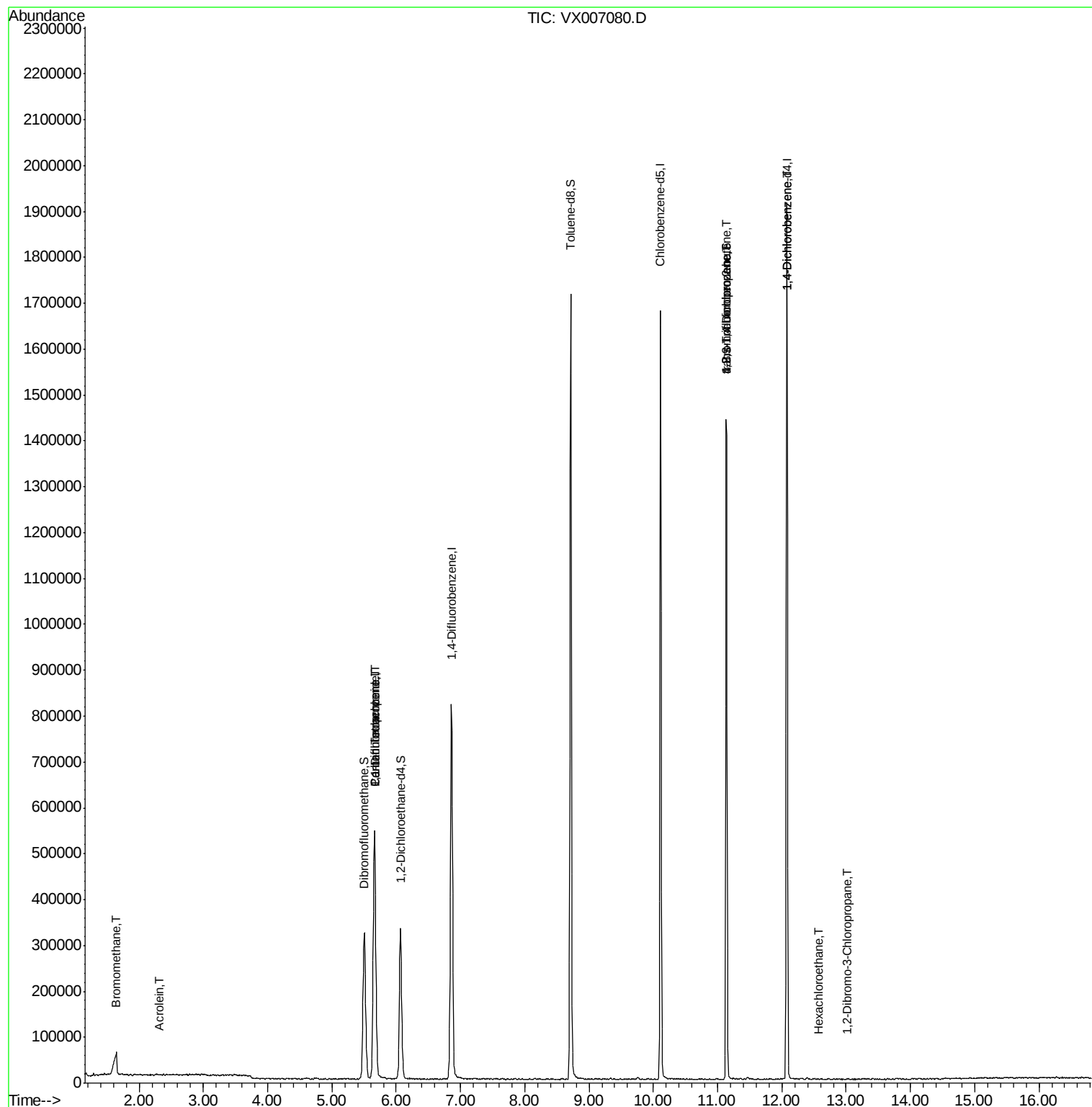
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1925	0.312	ug/l #	79
13) Acrolein	2.31	56	490	3.894	ug/l #	13
20) Methylene Chloride	2.85	84	836	Below Cal	#	59
36) 1,1-Dichloropropene	5.66	75	36804	4.846	ug/l #	48
38) Carbon Tetrachloride	5.66	117	50022	6.546	ug/l #	14
49) 1,4-Dioxane	7.75	88	110	Below Cal	#	30
76) 1,2,3-Trichloropropane	11.13	75	179680	21.859	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	179680	64.760	ug/l #	10
88) 1,4-Dichlorobenzene	12.08	146	861	0.209	ug/l #	1
90) Hexachloroethane	12.57	117	49	2.920	ug/l #	6
92) 1,2-Dibromo-3-Chloropropan	13.01	75	377	0.210	ug/l #	2

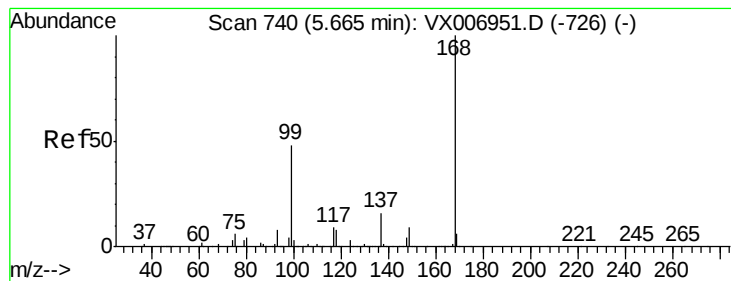
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007080.D
Acq On : 17 Jan 2019 11:23
Operator : JC/SP
Sample : VX0117MBL01
Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01

Quant Time: Jan 18 04:46:49 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007080.D

Acq: 17 Jan 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

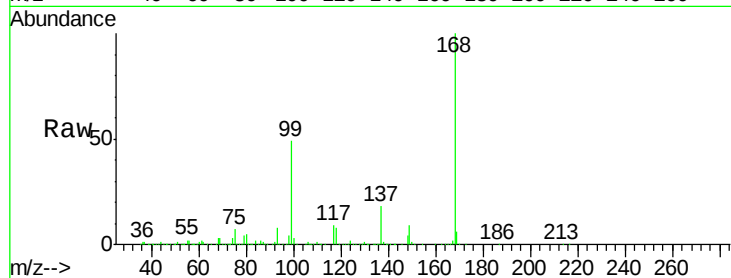
VX0117MBL01

Tot Ion:168 Resp: 562213

Ion Ratio Lower Upper

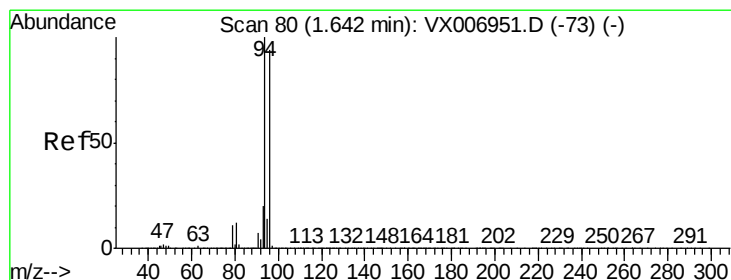
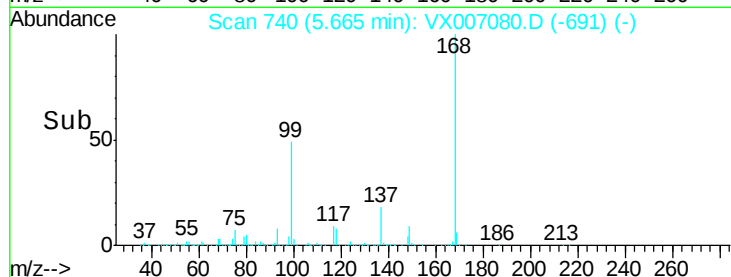
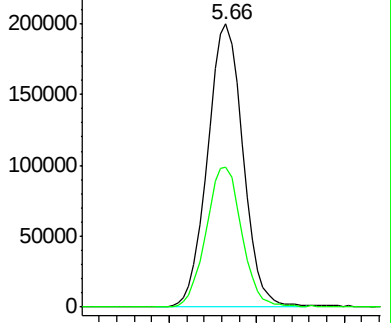
168 100

99 49.4 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.312 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007080.D

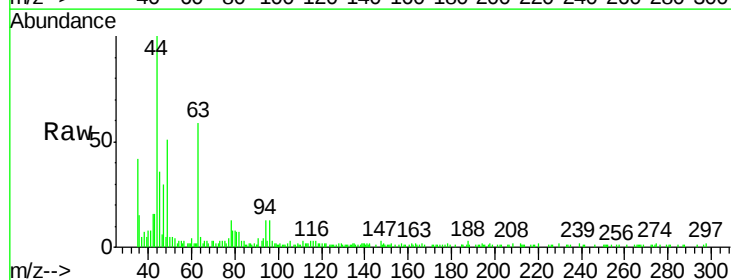
Acq: 17 Jan 2019 11:23

Tgt Ion: 94 Resp: 1925

Ion Ratio Lower Upper

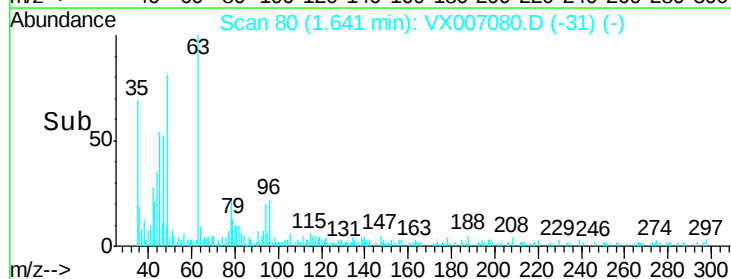
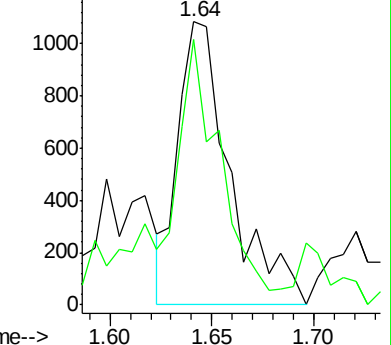
94 100

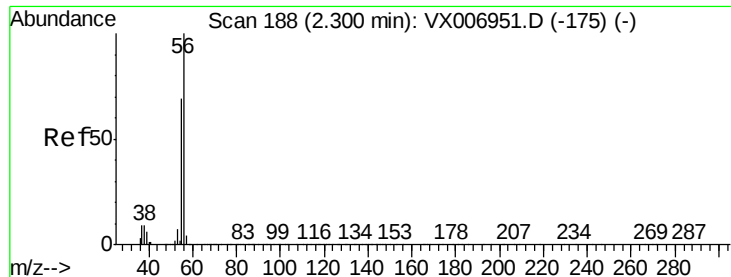
96 71.8 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

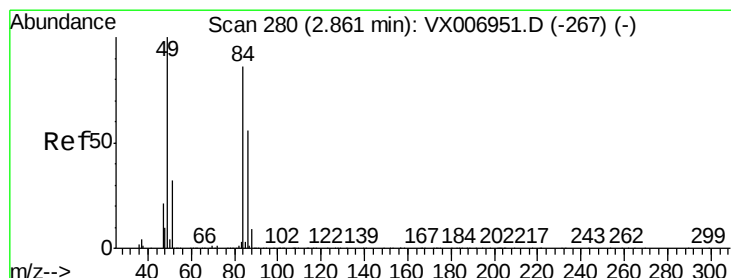
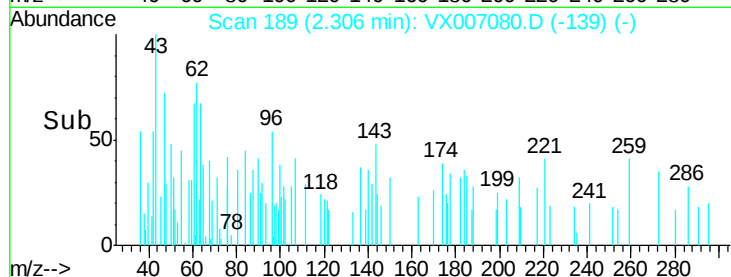
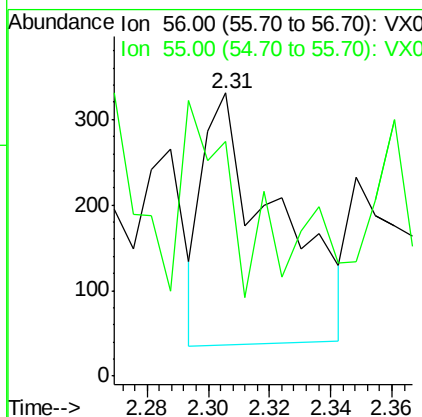
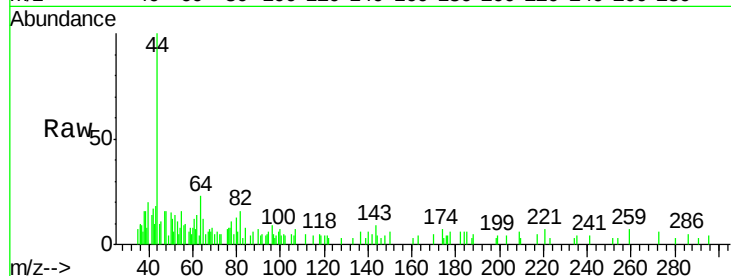




#13
Acrolein
Concen: 3.894 ug/l
RT: 2.31 min Scan# 189
Delta R.T. 0.01 min
Lab File: VX007080.D
Acq: 17 Jan 2019 11:23

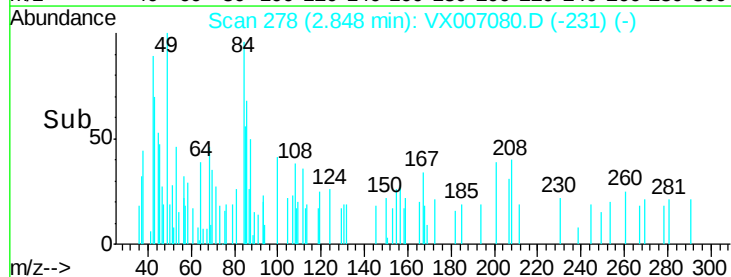
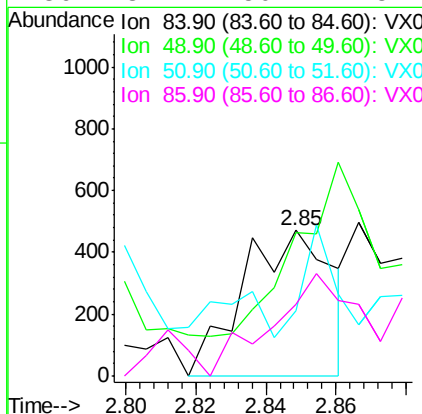
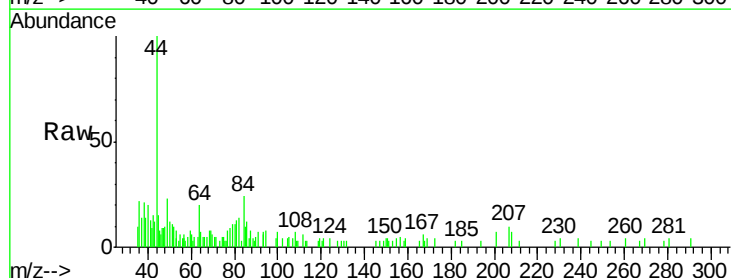
Instrument :
MSVOA_X
ClientSampled :
VX0117MBL01

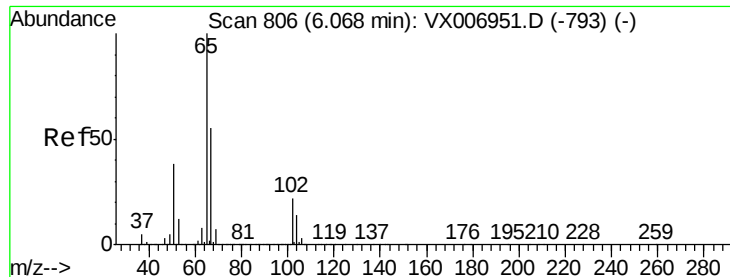
Tot Ion: 56 Resp: 490
Ion Ratio Lower Upper
56 100
55 0.0 58.2 87.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX007080.D
Acq: 17 Jan 2019 11:23

Tgt Ion: 84 Resp: 836
Ion Ratio Lower Upper
84 100
49 70.5 91.8 137.6#
51 11.9 28.5 42.7#
86 31.2 50.2 75.2#





#33

1,2-Dichloroethane-d4

Concen: 52.127 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007080.D

Acq: 17 Jan 2019 11:23

Instrument :

MSVOA_X

ClientSampled :

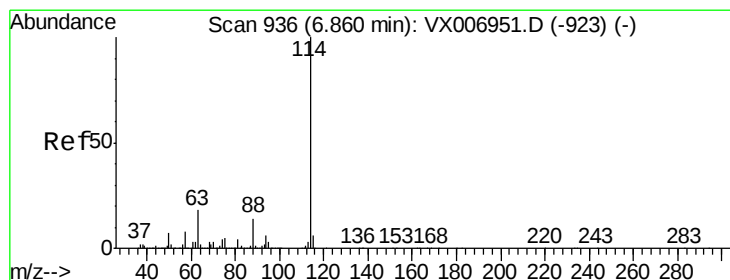
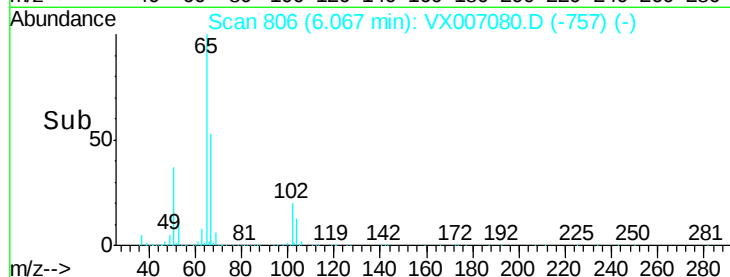
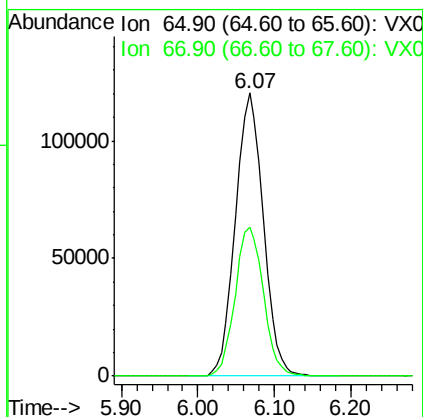
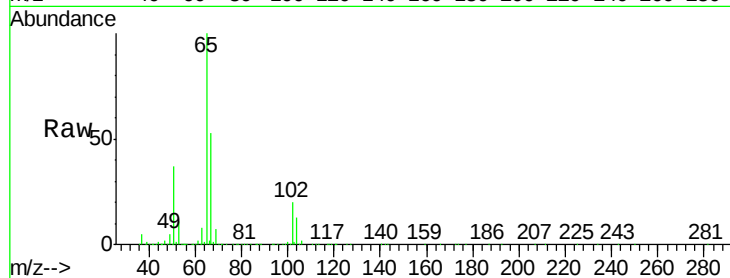
VX0117MBL01

Tot Ion: 65 Resp: 306279

Ion Ratio Lower Upper

65 100

67 53.3 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: VX007080.D

Acq: 17 Jan 2019 11:23

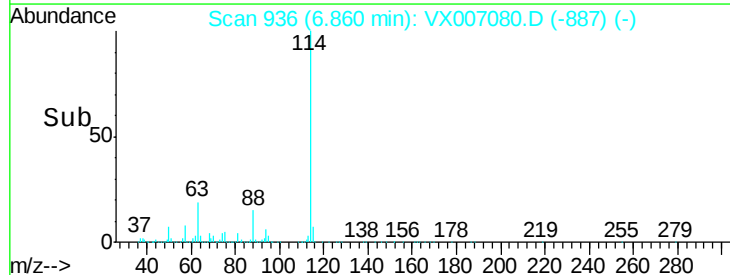
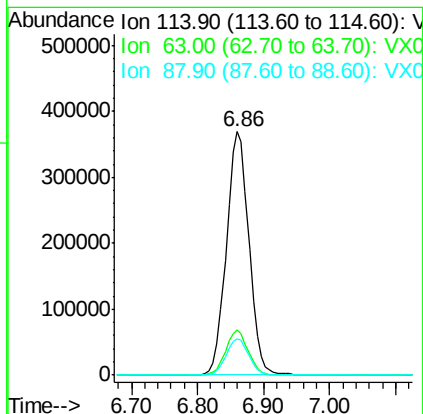
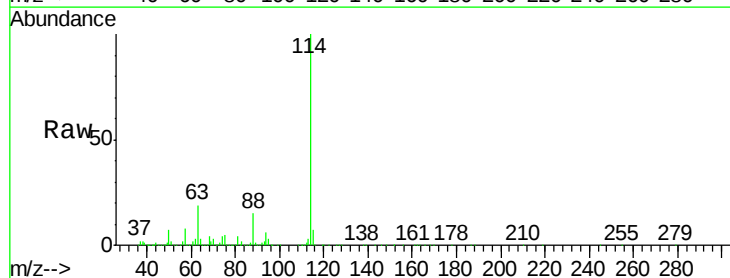
Tgt Ion: 114 Resp: 873527

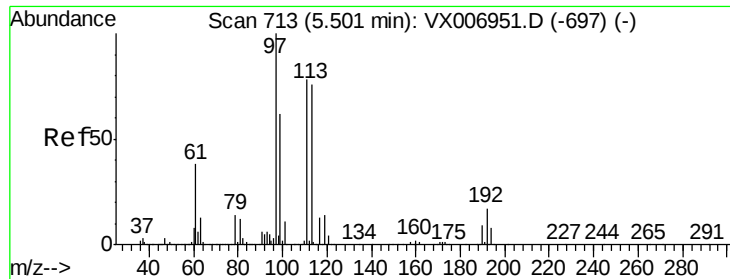
Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

88 14.9 0.0 28.8

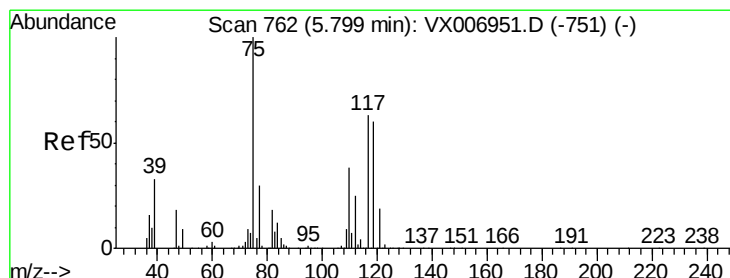
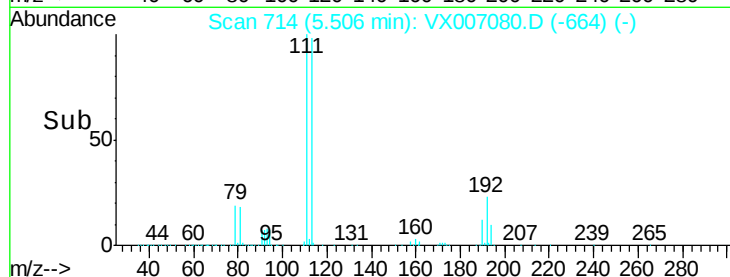
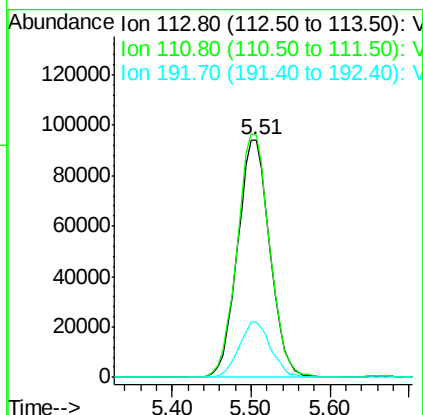
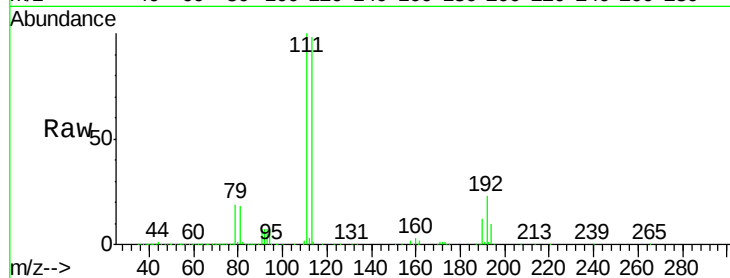




#35
 Dibromofluoromethane
 Concen: 48.060 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX007080.D
 Acq: 17 Jan 2019 11:23

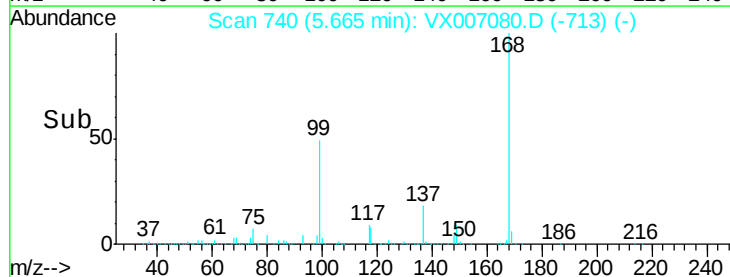
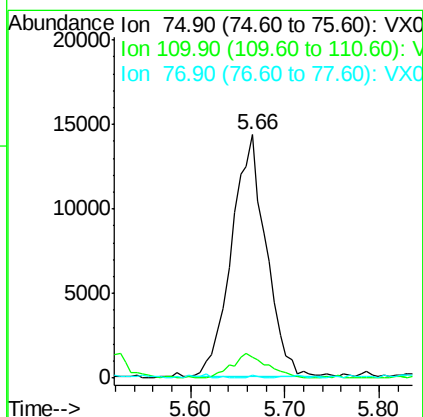
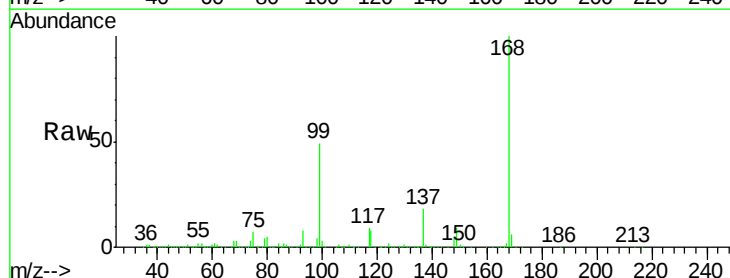
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBL01

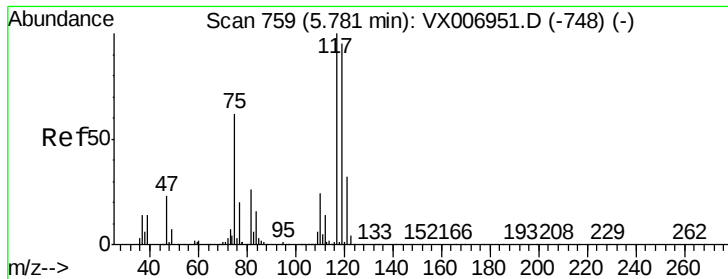
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.6	122.4
192	23.1	16.7	25.1



#36
 1,1-Dichloropropene
 Concen: 4.846 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007080.D
 Acq: 17 Jan 2019 11:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.4	20.2	60.5#
77	0.3	24.8	37.2#





#38

Carbon Tetrachloride

Concen: 6.546 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX007080.D

Acq: 17 Jan 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBL01

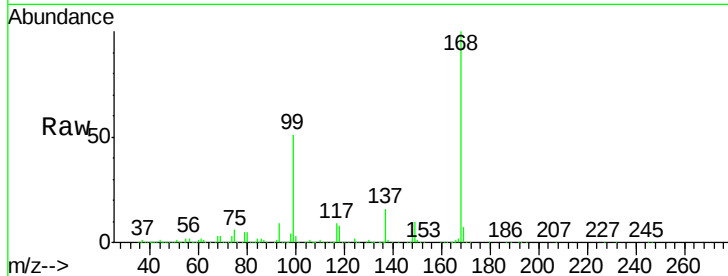
Tot Ion:117 Resp: 50022

Ion Ratio Lower Upper

117 100

119 4.6 79.4 119.2#

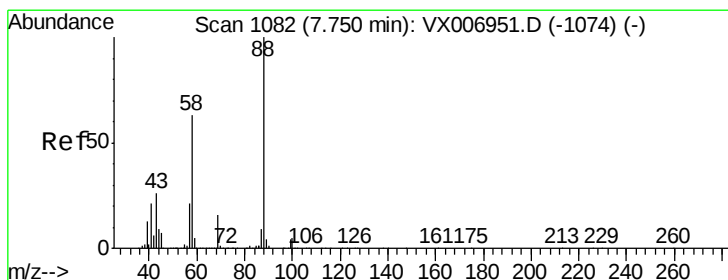
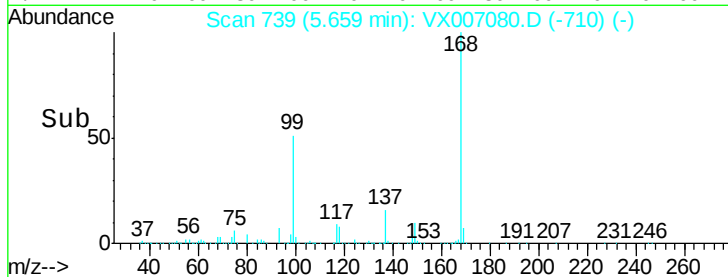
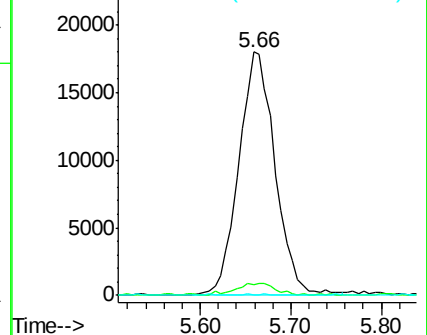
121 0.0 24.0 36.0#



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



#49

1,4-Dioxane

Concen: Below Cal

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX007080.D

Acq: 17 Jan 2019 11:23

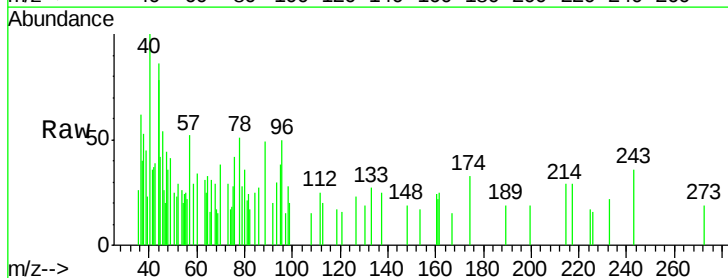
Tgt Ion: 88 Resp: 110

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.4#

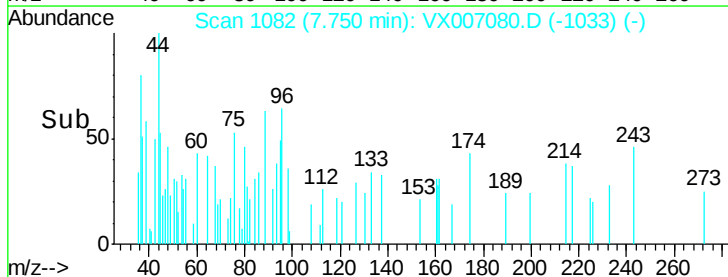
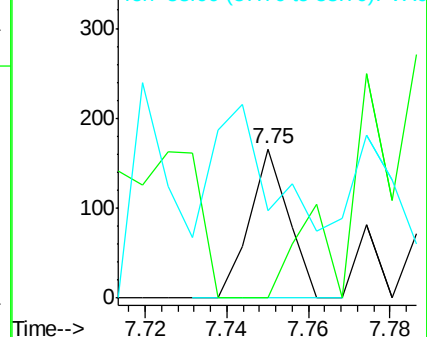
58 123.6 51.0 76.4#

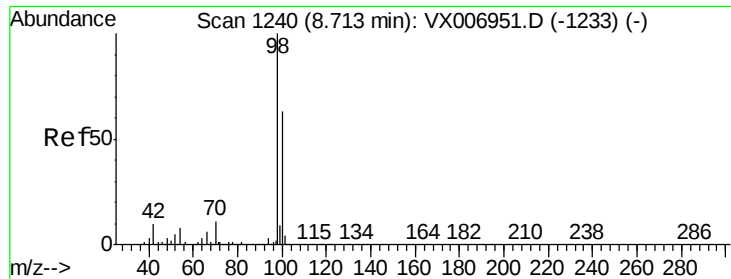


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 51.456 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007080.D

Acq: 17 Jan 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

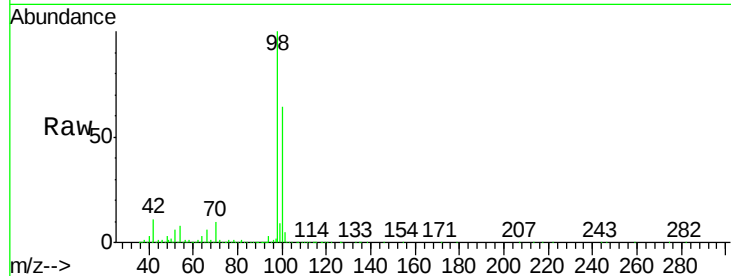
VX0117MBL01

Tot Ion: 98 Resp: 1053596

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

600000

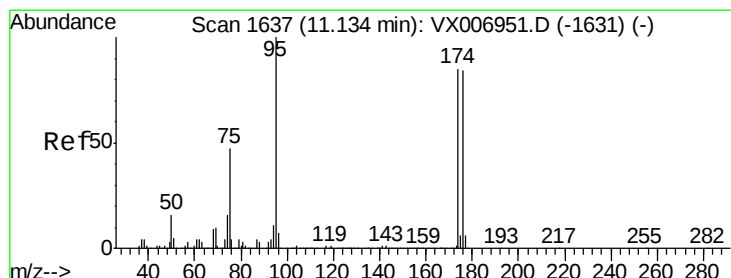
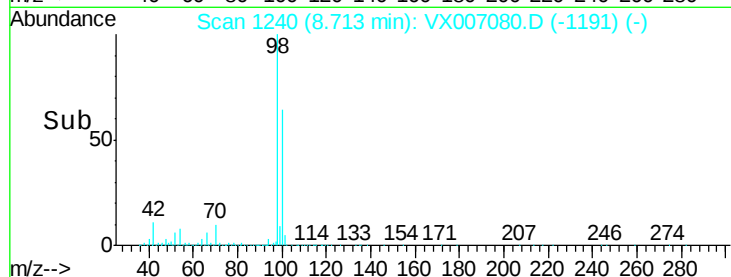
400000

200000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 52.818 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007080.D

Acq: 17 Jan 2019 11:23

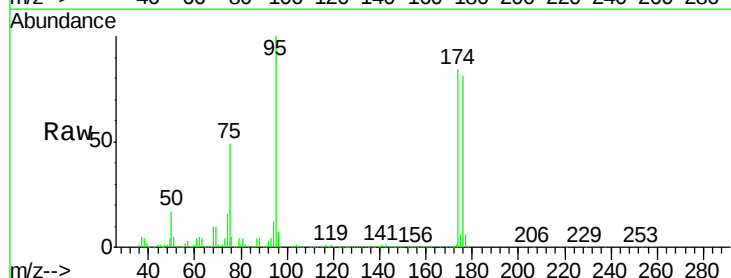
Tgt Ion: 95 Resp: 377034

Ion Ratio Lower Upper

95 100

174 92.5 0.0 182.2

176 88.7 0.0 178.8



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

400000

300000

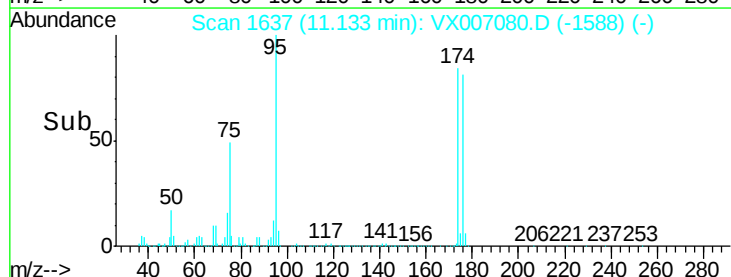
200000

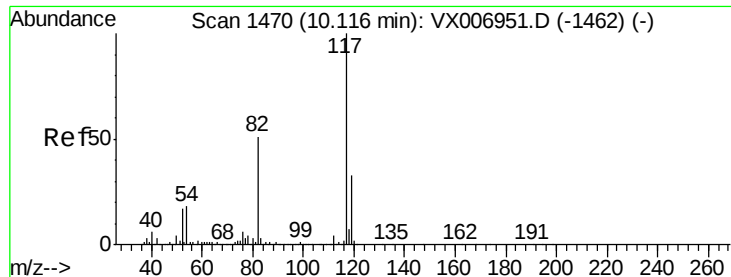
100000

0

Time-->

11.10 11.20

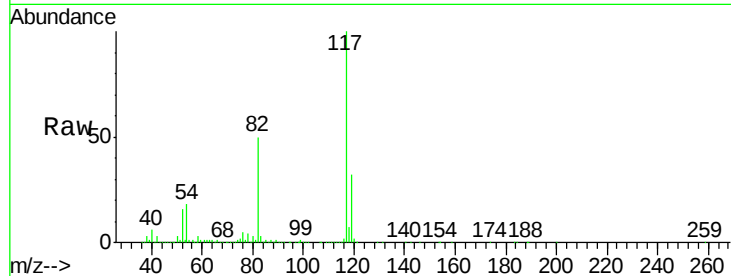




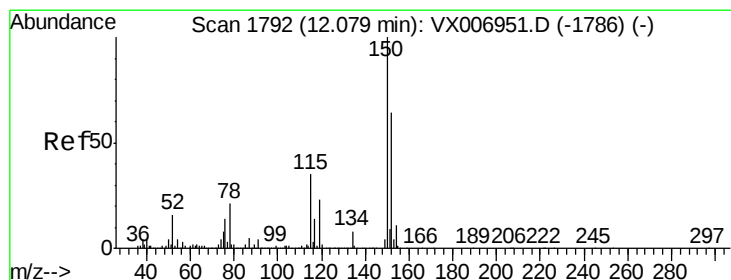
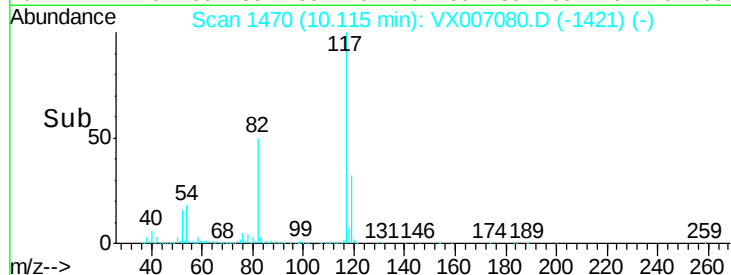
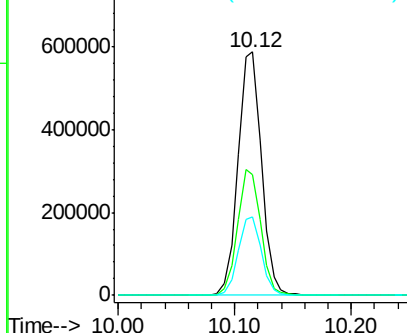
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007080.D
Acq: 17 Jan 2019 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01

Tot Ion:117 Resp: 826571
Ion Ratio Lower Upper
117 100
82 49.5 41.0 61.6
119 32.5 25.4 38.0

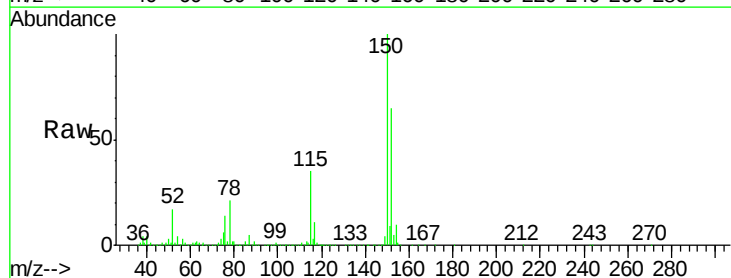


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

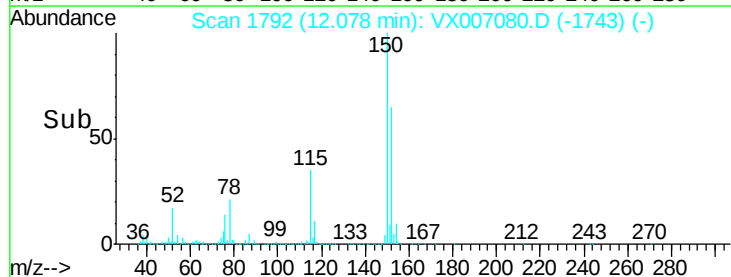
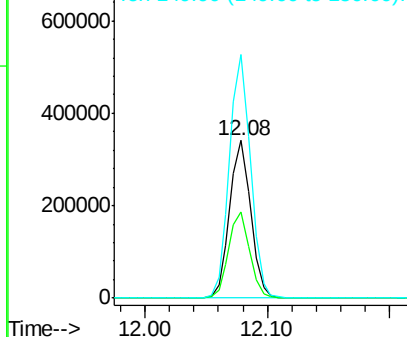


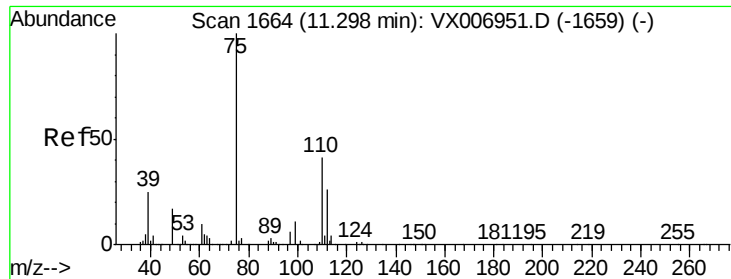
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007080.D
Acq: 17 Jan 2019 11:23

Tgt Ion:152 Resp: 405627
Ion Ratio Lower Upper
152 100
115 54.6 39.1 117.2
150 154.8 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: 21.859 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007080.D

Acq: 17 Jan 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

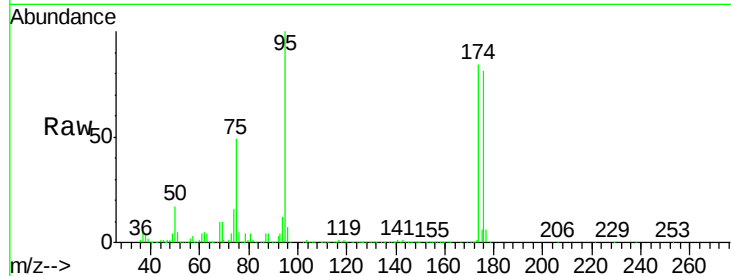
VX0117MBL01

Tot Ion: 75 Resp: 179680

Ion Ratio Lower Upper

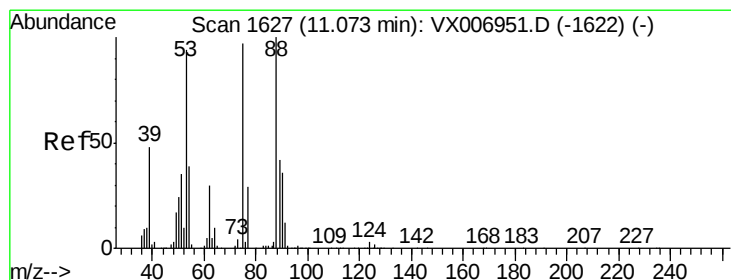
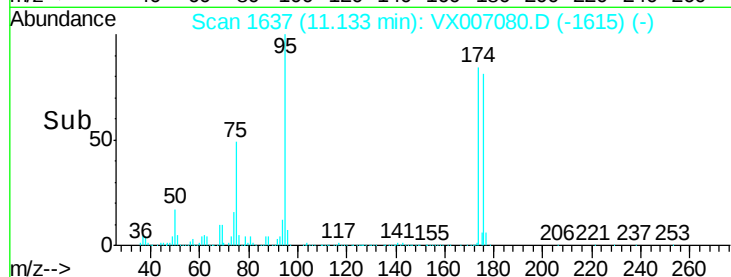
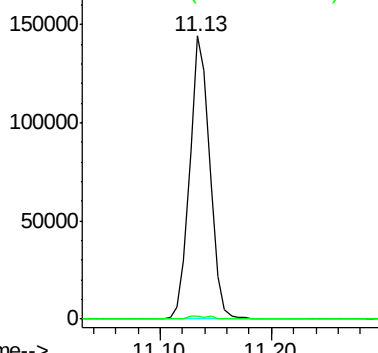
75 100

77 1.5 18.5 55.5#



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: 64.760 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007080.D

Acq: 17 Jan 2019 11:23

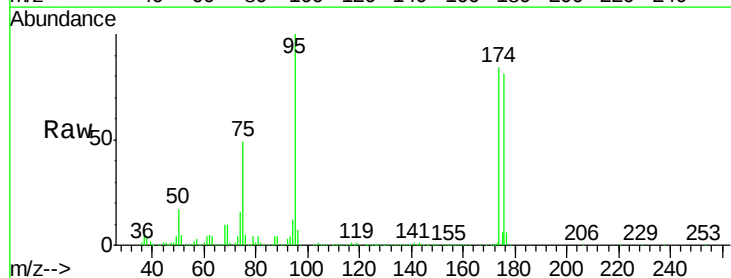
Tgt Ion: 75 Resp: 179680

Ion Ratio Lower Upper

75 100

53 0.1 79.7 119.5#

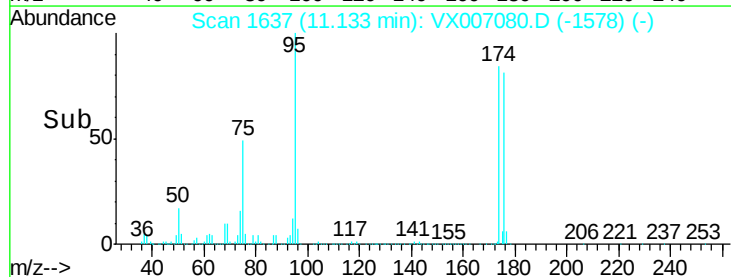
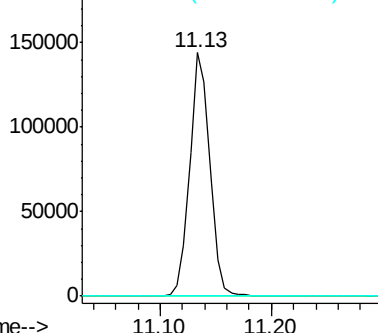
89 0.1 38.0 57.0#

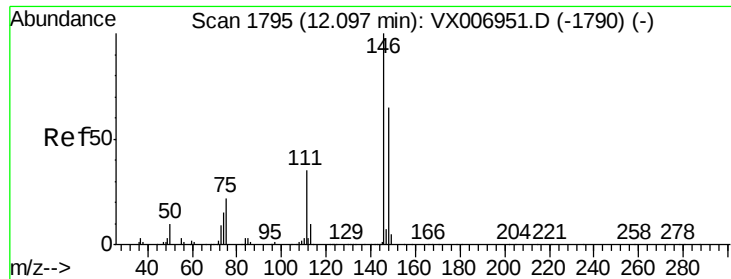


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#88

1,4-Dichlorobenzene

Concen: 0.209 ug/l

RT: 12.08 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VX007080.D

Acq: 17 Jan 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBL01

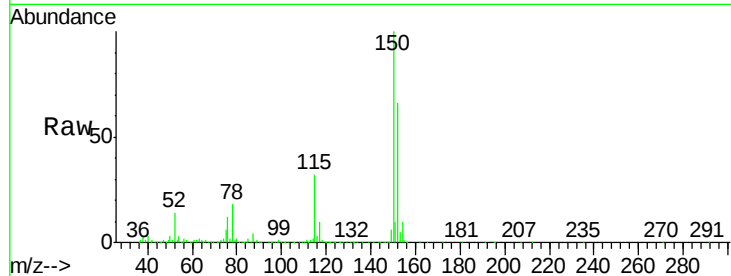
Tot Ion:146 Resp: 861

Ion Ratio Lower Upper

146 100

111 570.6 18.1 54.1#

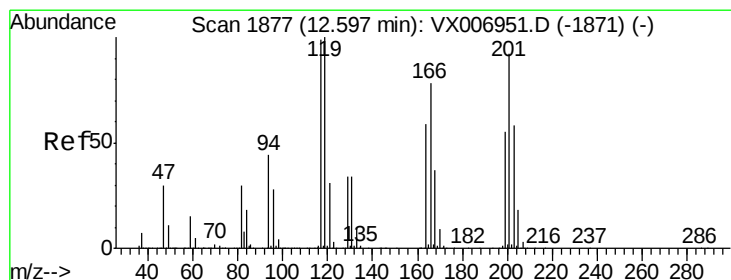
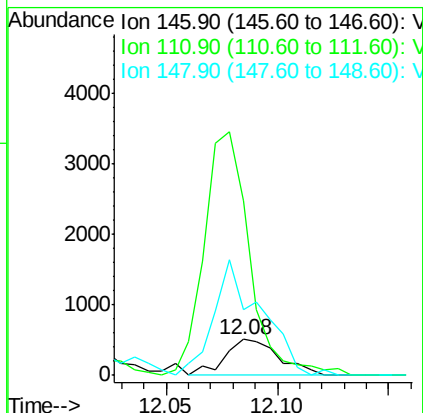
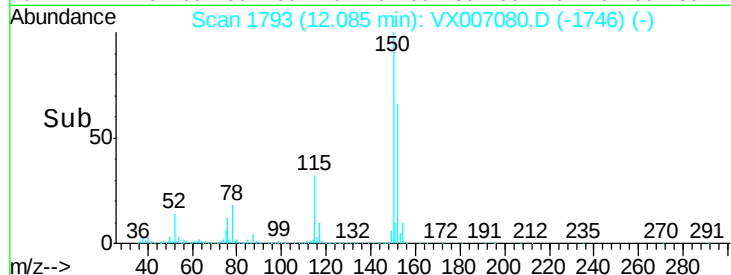
148 280.4 31.9 95.9#



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#90

Hexachloroethane

Concen: 2.920 ug/l

RT: 12.57 min Scan# 1873

Delta R.T. -0.02 min

Lab File: VX007080.D

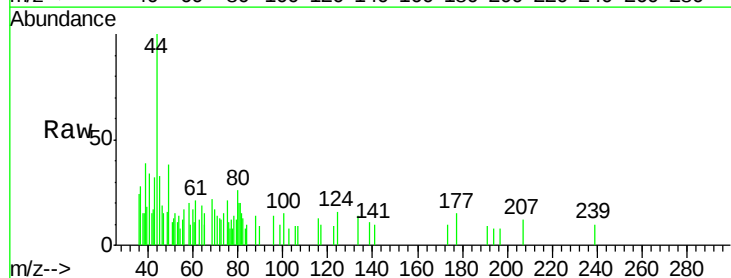
Acq: 17 Jan 2019 11:23

Tgt Ion:117 Resp: 49

Ion Ratio Lower Upper

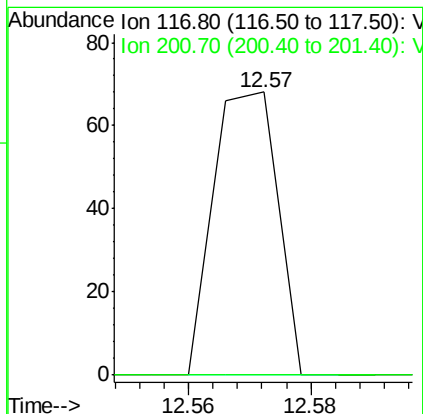
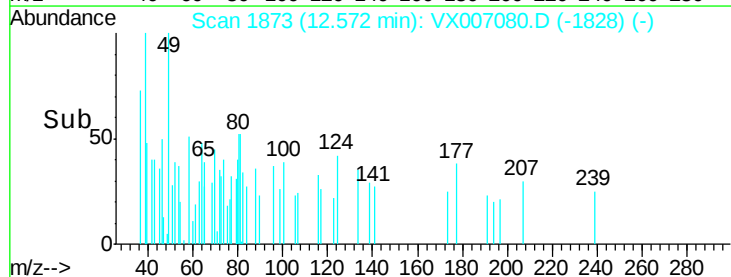
117 100

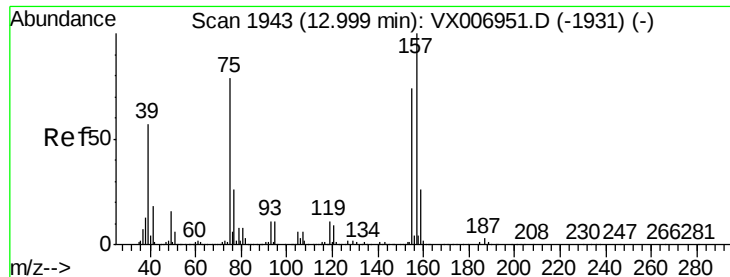
201 0.0 42.9 128.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.210 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX007080.D

Acq: 17 Jan 2019 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBL01

Tot Ion: 75 Resp: 377

Ion Ratio Lower Upper

75 100

155 12.7 50.6 151.8#

157 5.3 64.6 193.8#

