

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006319.D
 Acq On : 06 Dec 2018 15:38
 Operator : JC/MD
 Sample : J6250-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:30:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

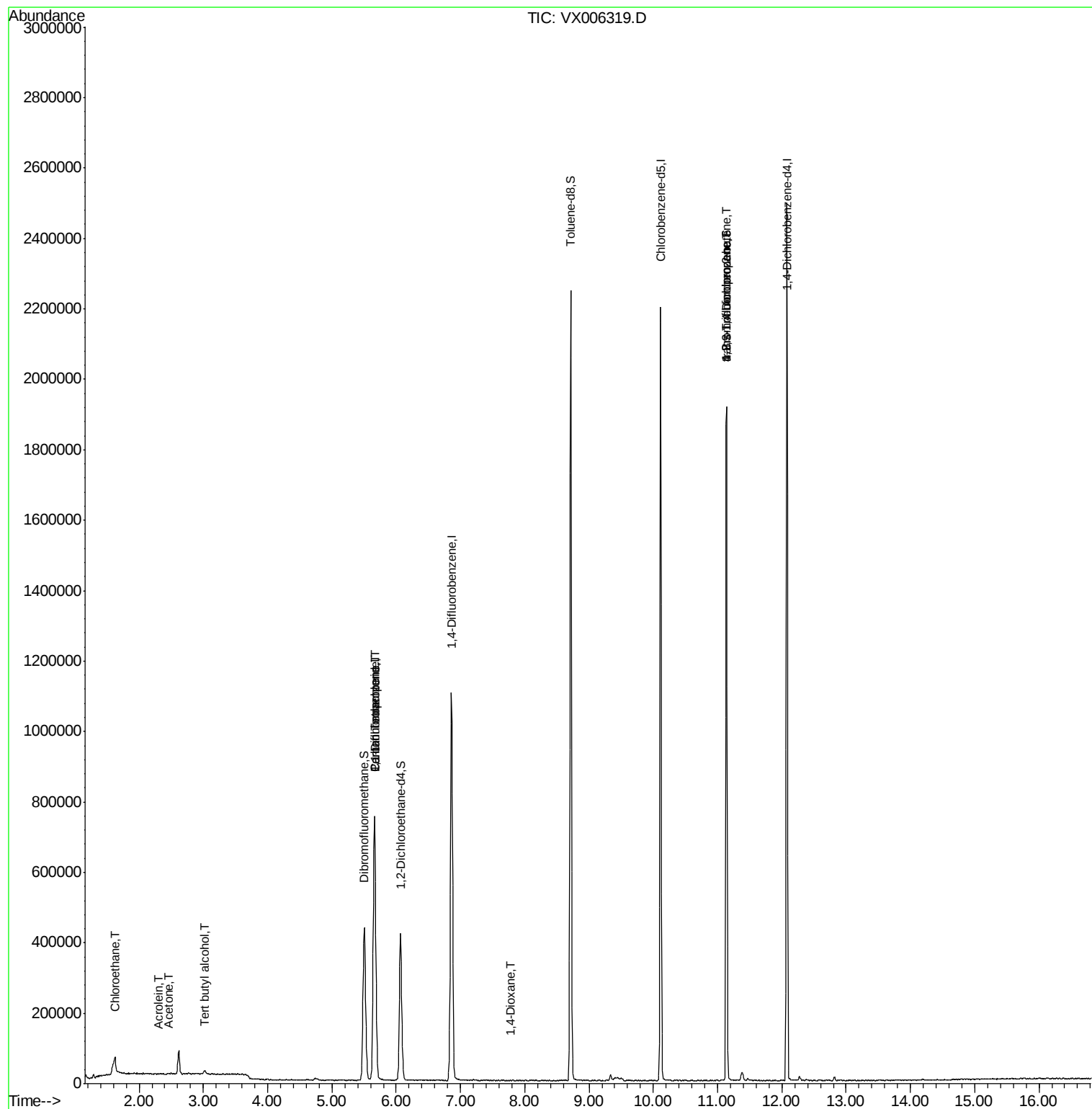
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	785666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1209440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1094333	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	532070	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	393944	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
35) Dibromofluoromethane	5.51	113	373848	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
50) Toluene-d8	8.71	98	1397950	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.13	95	519471	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
Target Compounds						
					Qvalue	
6) Chloroethane	1.63	64	11736	2.250	ug/l #	61
11) Tert butyl alcohol	3.01	59	5373	2.450	ug/l #	86
13) Acrolein	2.30	56	275	0.229	ug/l #	1
16) Acetone	2.45	43	3443	0.915	ug/l #	88
36) 1,1-Dichloropropene	5.66	75	48948	4.806	ug/l #	44
38) Carbon Tetrachloride	5.66	117	70909	5.918	ug/l #	16
49) 1,4-Dioxane	7.77	88	124	0.544	ug/l #	27
76) 1,2,3-Trichloropropane	11.13	75	237157	23.093	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	237157	54.192	ug/l #	15

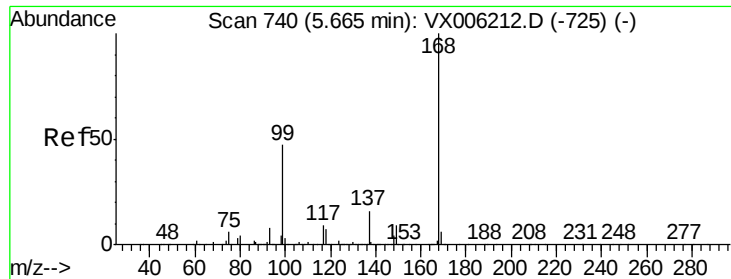
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120618\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006319.D

Acq: 06 Dec 2018 15:38

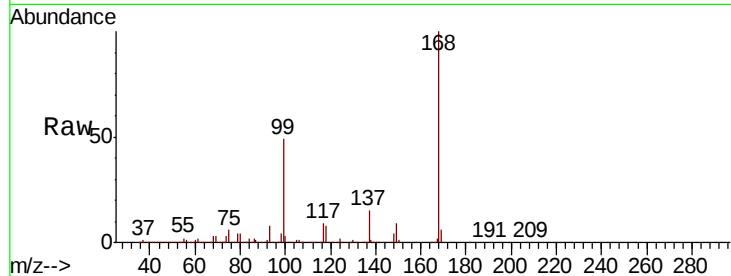
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 785666

Ion Ratio Lower Upper

168 100

99 49.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

250000

200000

150000

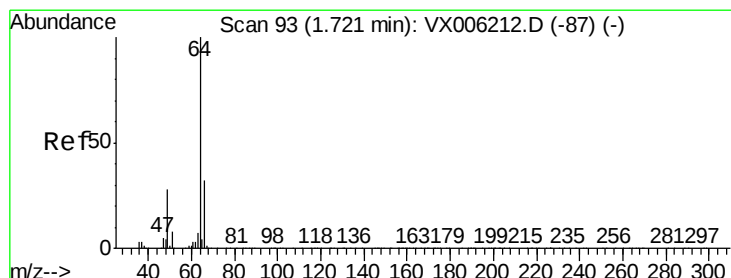
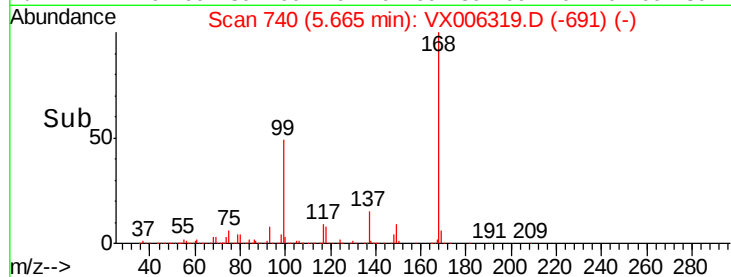
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 2.250 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.09 min

Lab File: VX006319.D

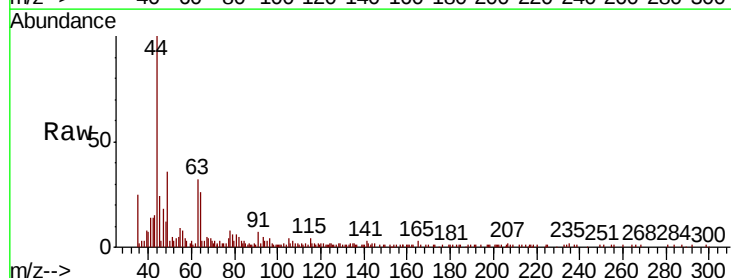
Acq: 06 Dec 2018 15:38

Tgt Ion: 64 Resp: 11736

Ion Ratio Lower Upper

64 100

66 10.4 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.63

3000

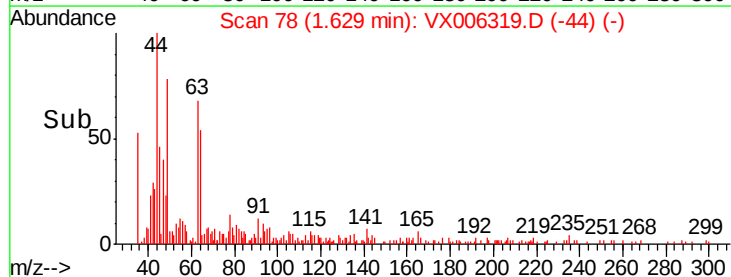
2000

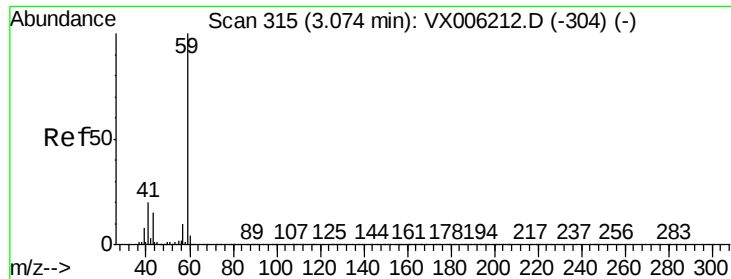
1000

0

Time-->

1.50 1.60 1.70



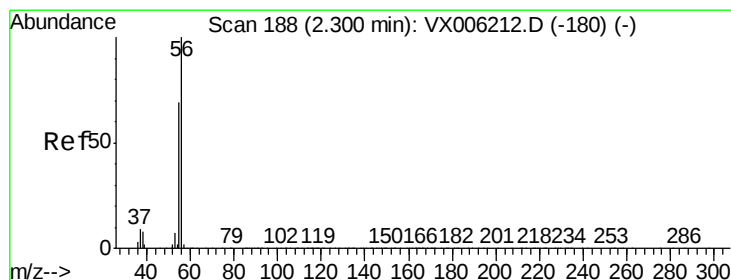
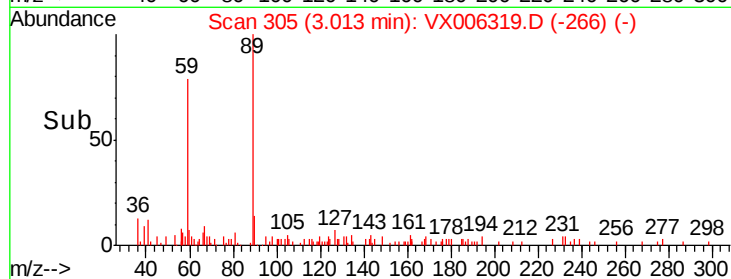
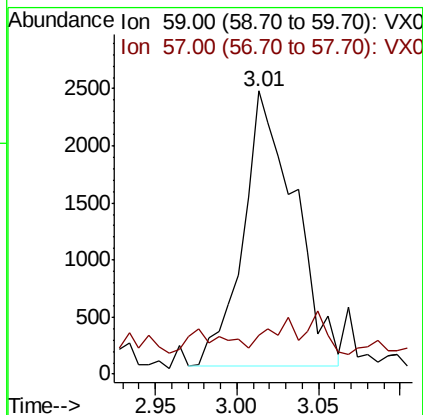
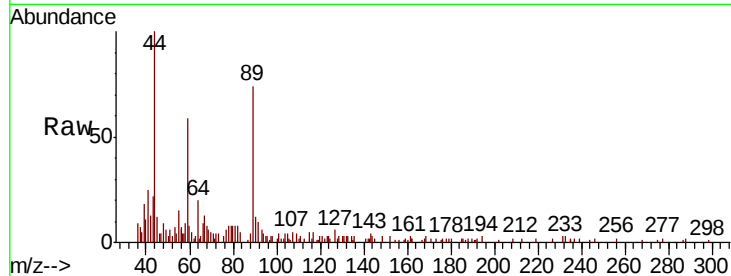


#11

Tert butyl alcohol
 Concen: 2.450 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.06 min
 Lab File: VX006319.D
 Acq: 06 Dec 2018 15:38

Instrument :
 MSVOA_X
 ClientSampled :

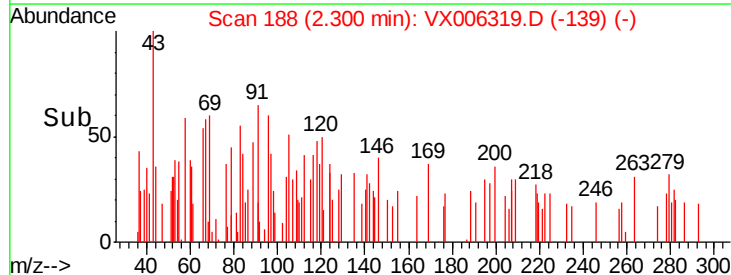
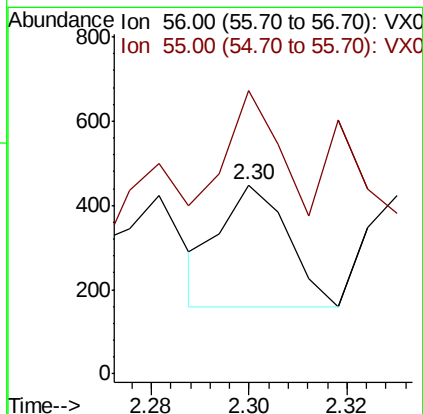
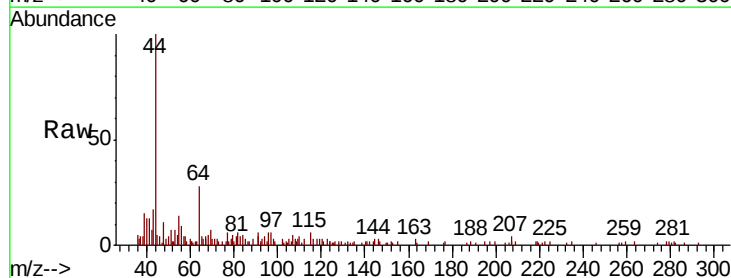
Tot Ion: 59 Resp: 5373
 Ion Ratio Lower Upper
 59 100
 57 5.1 8.2 12.2#

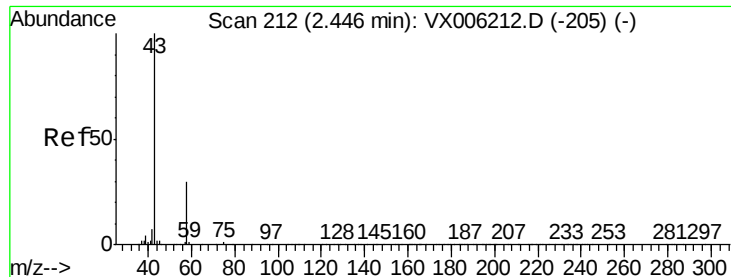


#13

Acrolein
 Concen: 0.229 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.00 min
 Lab File: VX006319.D
 Acq: 06 Dec 2018 15:38

Tgt Ion: 56 Resp: 275
 Ion Ratio Lower Upper
 56 100
 55 196.4 57.8 86.6#

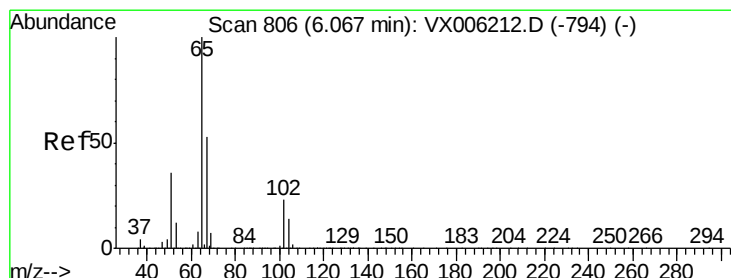
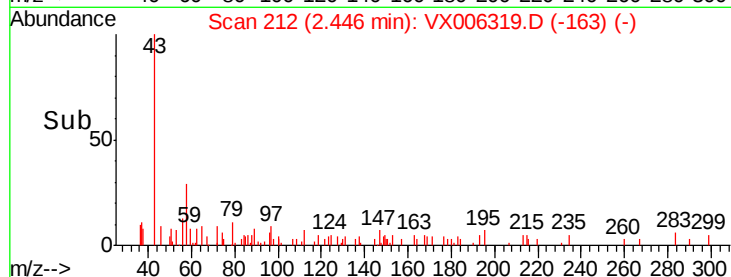
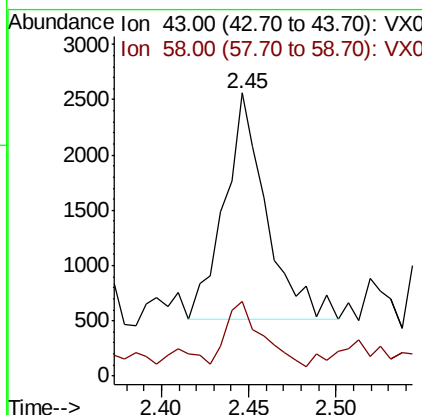
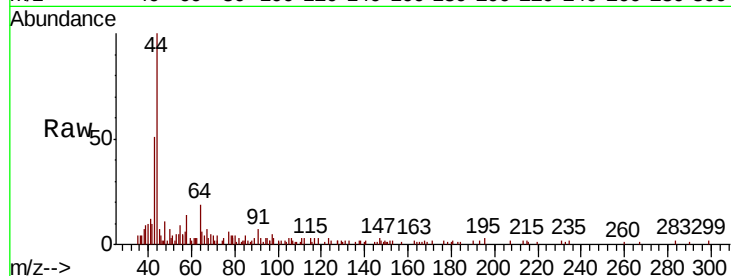




#16
Acetone
Concen: 0.915 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006319.D
Acq: 06 Dec 2018 15:38

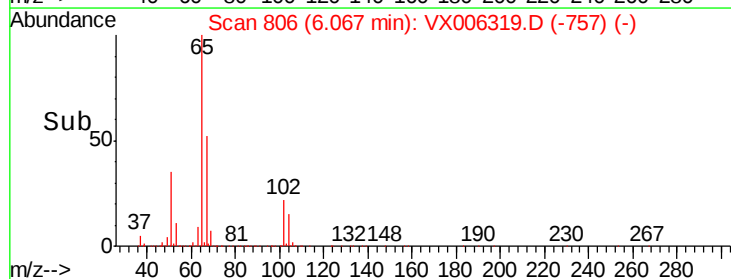
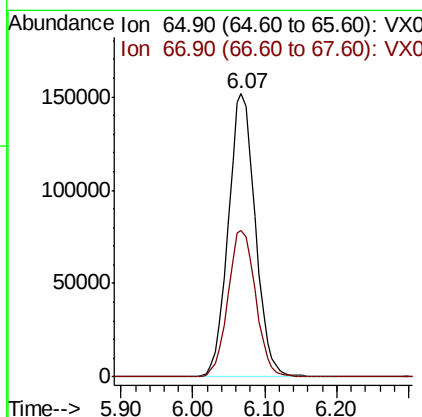
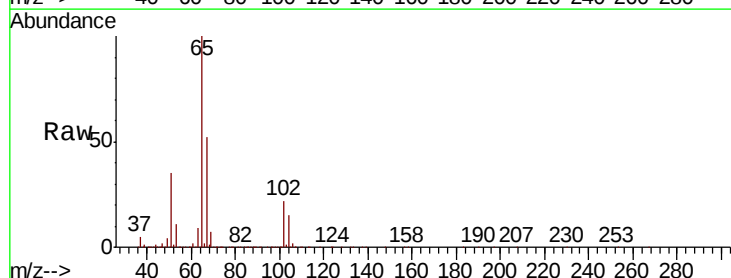
Instrument :
MSVOA_X
ClientSampleId :

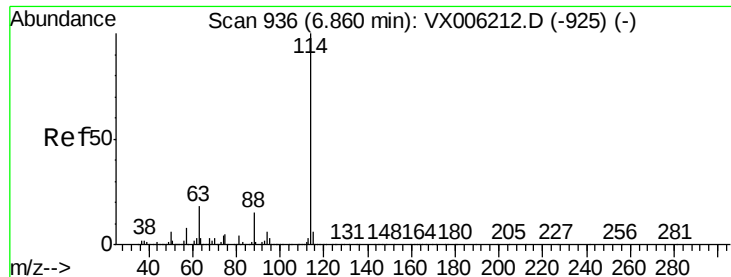
Tot Ion: 43 Resp: 3443
Ion Ratio Lower Upper
43 100
58 23.4 24.0 36.0#



#33
1,2-Dichloroethane-d4
Concen: 49.118 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006319.D
Acq: 06 Dec 2018 15:38

Tgt Ion: 65 Resp: 393944
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006319.D

Acq: 06 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

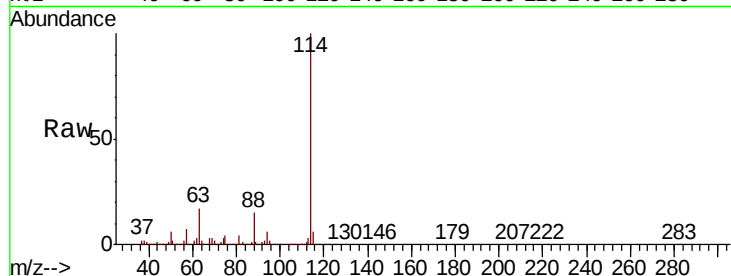
Tot Ion:114 Resp: 1209440

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

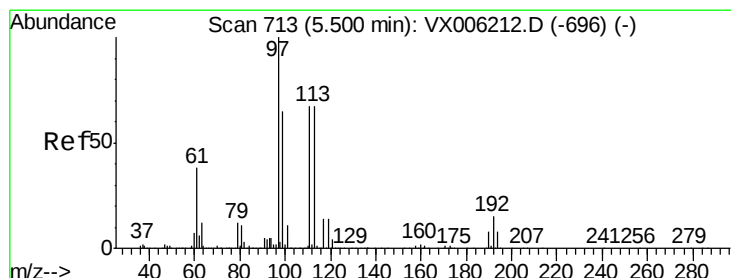
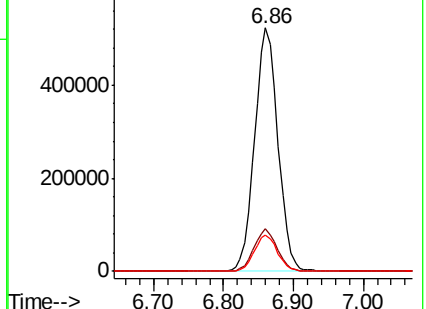
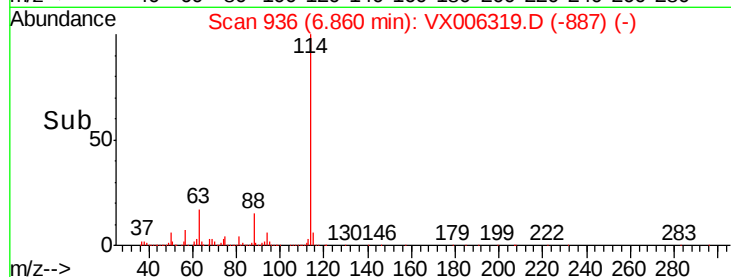
88 14.8 0.0 29.0



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: 47.742 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006319.D

Acq: 06 Dec 2018 15:38

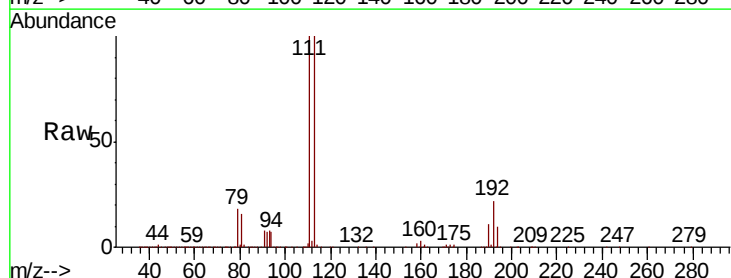
Tgt Ion:113 Resp: 373848

Ion Ratio Lower Upper

113 100

111 102.6 81.1 121.7

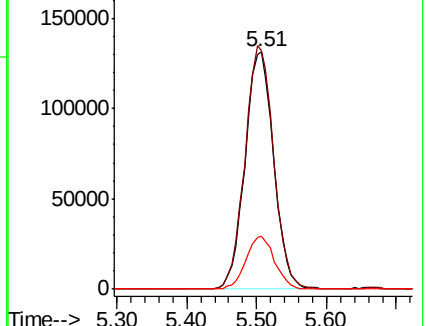
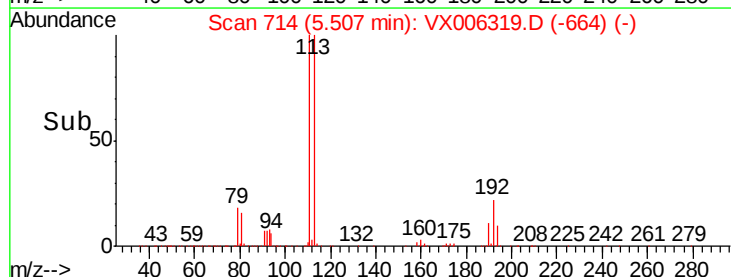
192 22.1 18.2 27.2

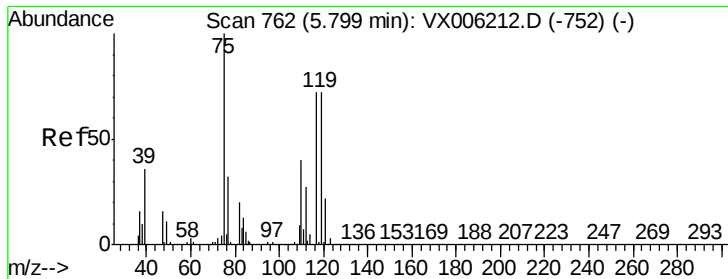


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.806 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006319.D

Acq: 06 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

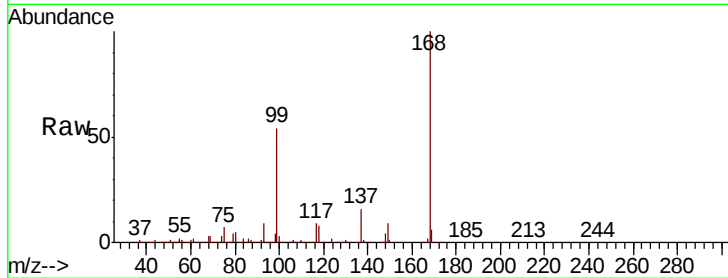
Tot Ion: 75 Resp: 48948

Ion Ratio Lower Upper

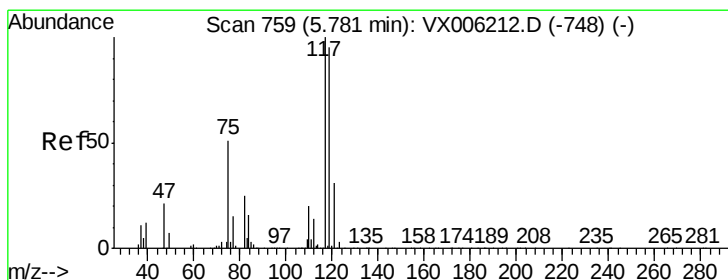
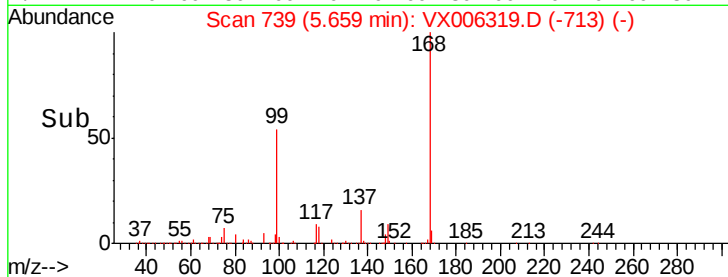
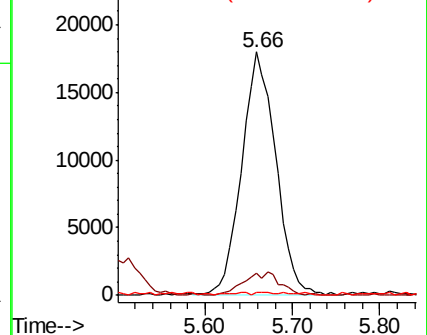
75 100

110 5.6 20.4 61.3#

77 0.3 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 5.918 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006319.D

Acq: 06 Dec 2018 15:38

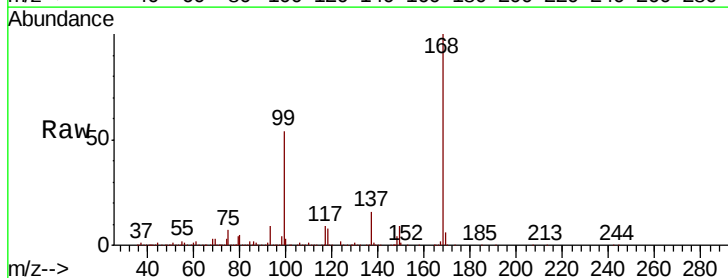
Tgt Ion: 117 Resp: 70909

Ion Ratio Lower Upper

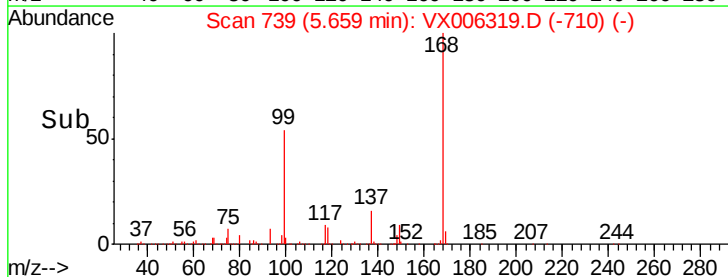
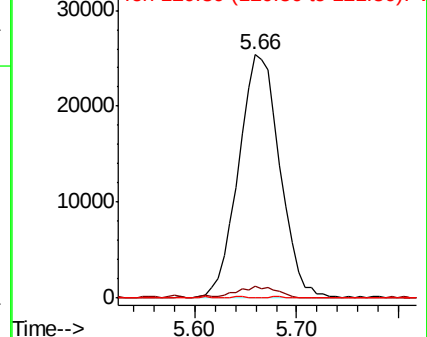
117 100

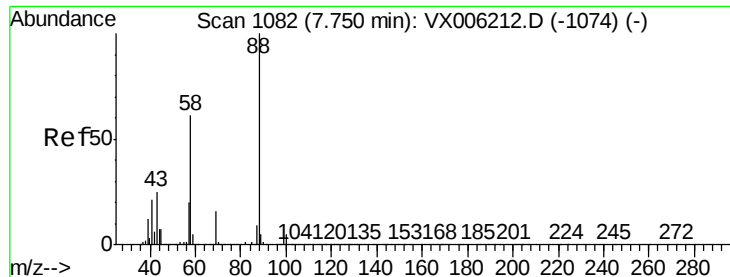
119 4.8 75.8 113.8#

121 0.0 24.6 37.0#



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: 0.544 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VX006319.D

Acq: 06 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

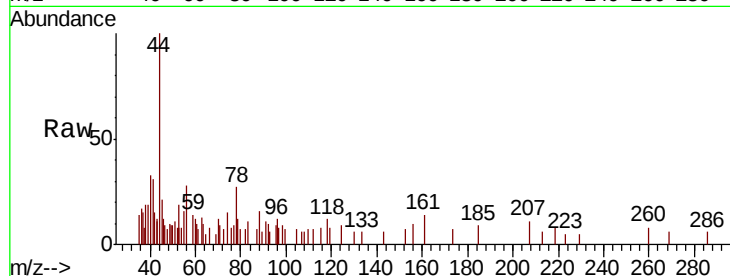
Tot Ion: 88 Resp: 124

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

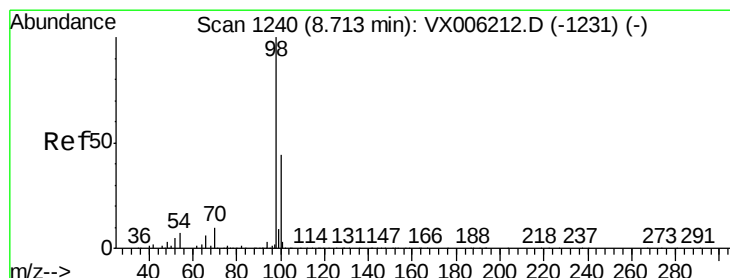
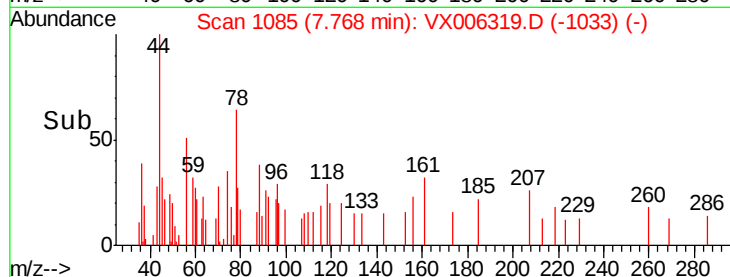
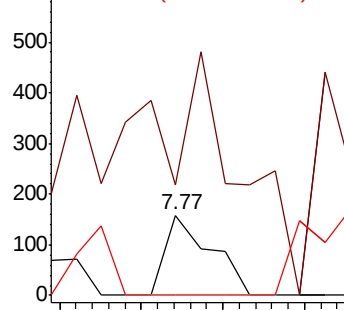
58 0.0 51.4 77.0#



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: 49.080 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006319.D

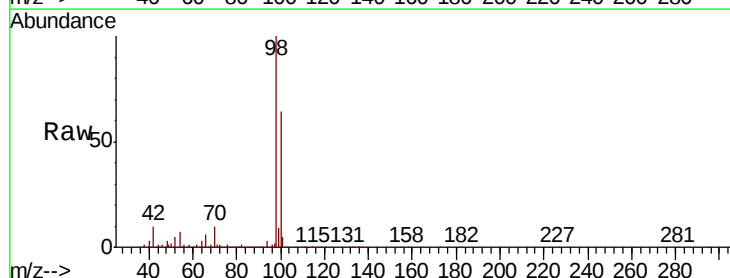
Acq: 06 Dec 2018 15:38

Tgt Ion: 98 Resp: 1397950

Ion Ratio Lower Upper

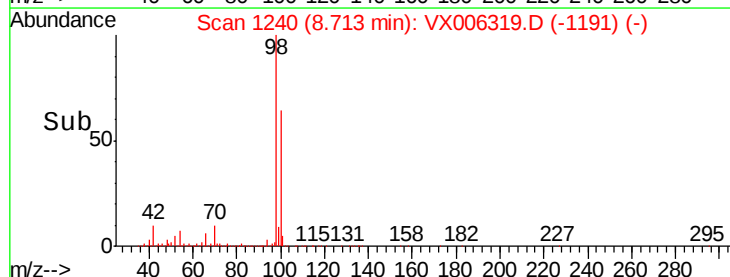
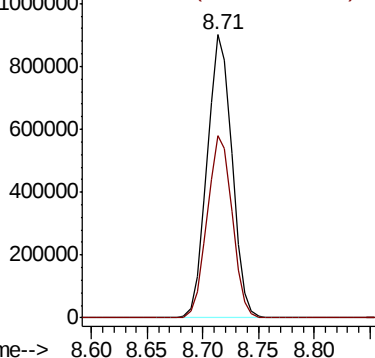
98 100

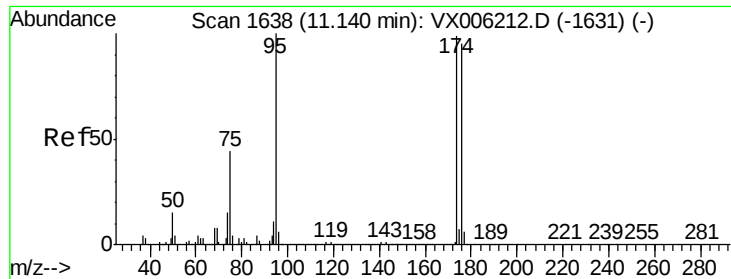
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.398 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006319.D

Acq: 06 Dec 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

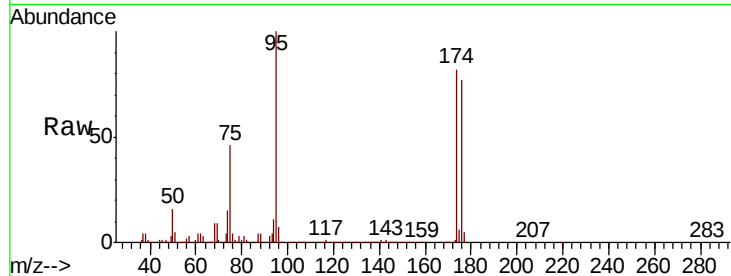
Tot Ion: 95 Resp: 519471

Ion Ratio Lower Upper

95 100

174 90.1 0.0 187.0

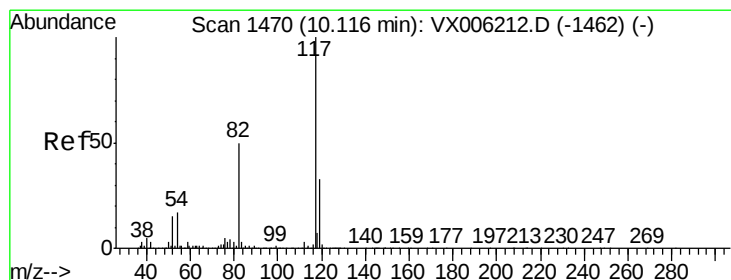
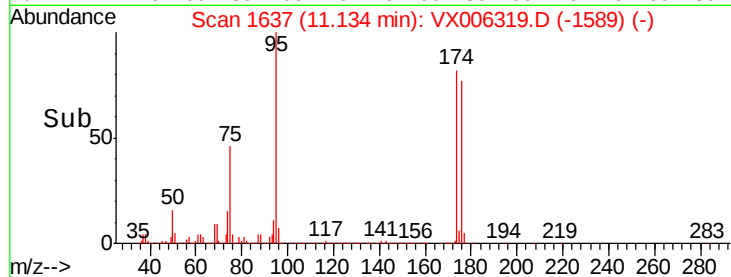
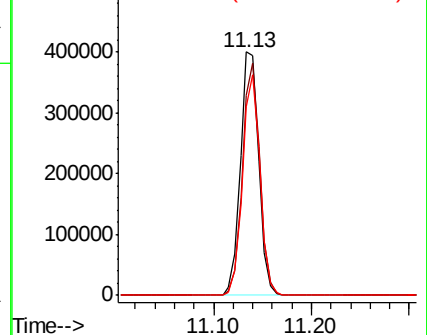
176 86.3 0.0 181.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006319.D

Acq: 06 Dec 2018 15:38

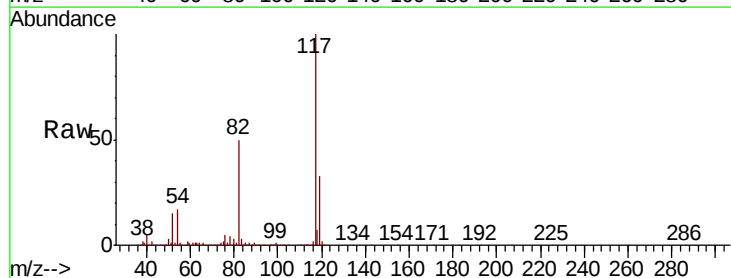
Tgt Ion: 117 Resp: 1094333

Ion Ratio Lower Upper

117 100

82 50.0 39.6 59.4

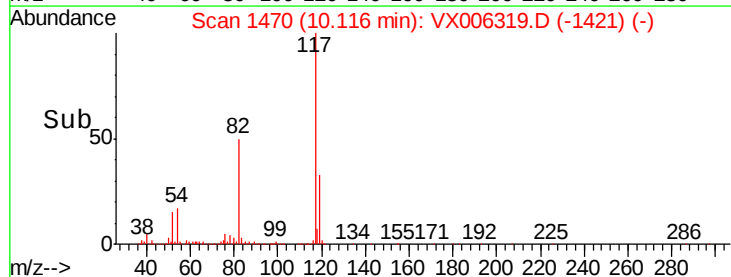
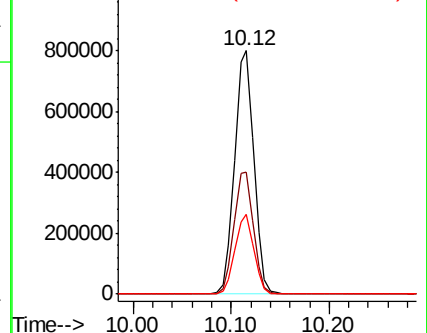
119 32.6 26.3 39.5

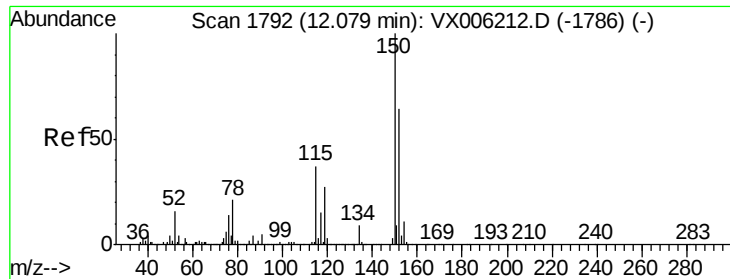


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



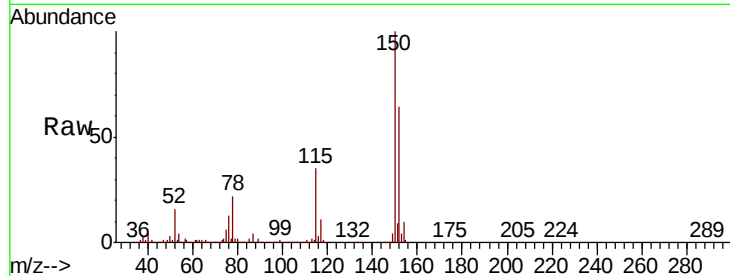


#72

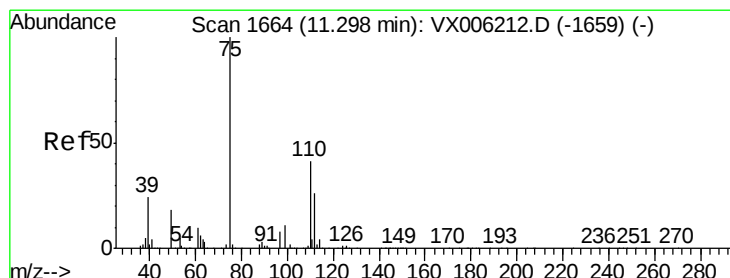
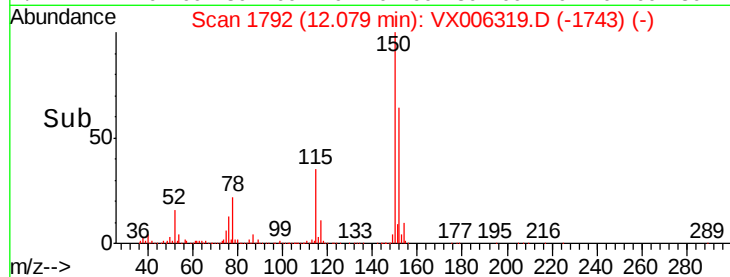
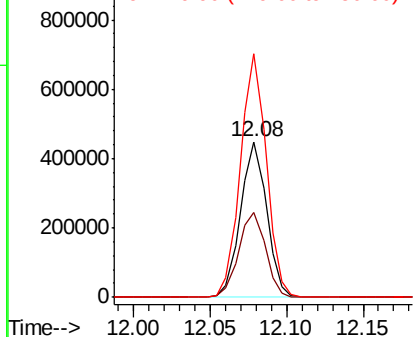
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006319.D
Acq: 06 Dec 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	39.0	116.9
150	155.5	0.0	345.8



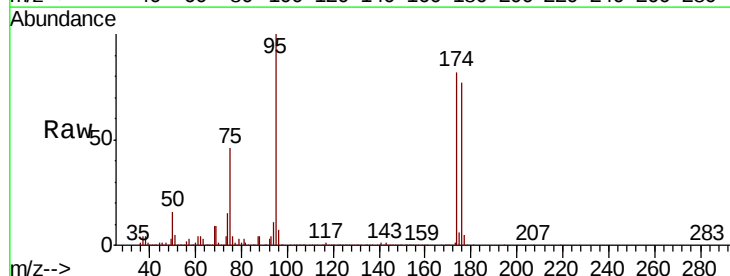
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



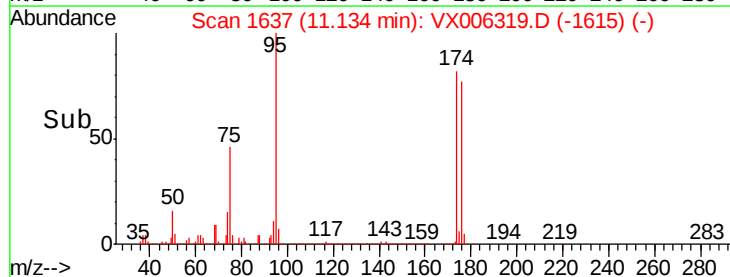
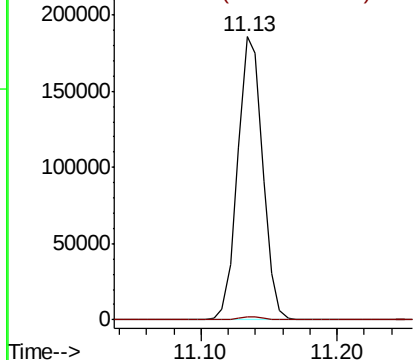
#76

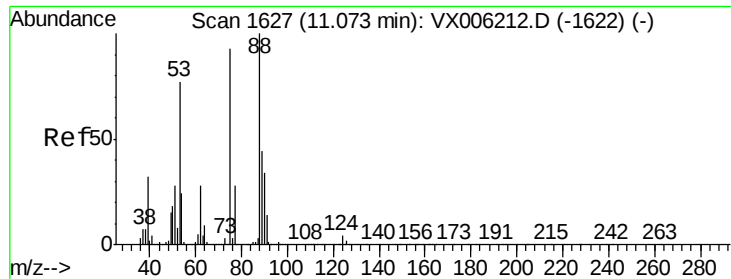
1,2,3-Trichloropropane
Concen: 23.093 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006319.D
Acq: 06 Dec 2018 15:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.9	59.7#



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: 54.192 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006319.D
 Acq: 06 Dec 2018 15:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 237157
 Ion Ratio Lower Upper
 75 100
 53 0.1 64.4 96.6#
 89 0.0 44.2 66.4#

