

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006316.D
 Acq On : 06 Dec 2018 14:18
 Operator : JC/MD
 Sample : J6250-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 07 04:30:02 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	803720	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1217220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1110531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	544880	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	402645	49.07	ug/l	0.00
Spiked Amount			Recovery	=	98.14%	
35) Dibromofluoromethane	5.50	113	382507	48.54	ug/l	0.00
Spiked Amount			Recovery	=	97.08%	
50) Toluene-d8	8.71	98	1422128	49.61	ug/l	0.00
Spiked Amount			Recovery	=	99.22%	
62) 4-Bromofluorobenzene	11.13	95	530923	49.15	ug/l	0.00
Spiked Amount			Recovery	=	98.30%	

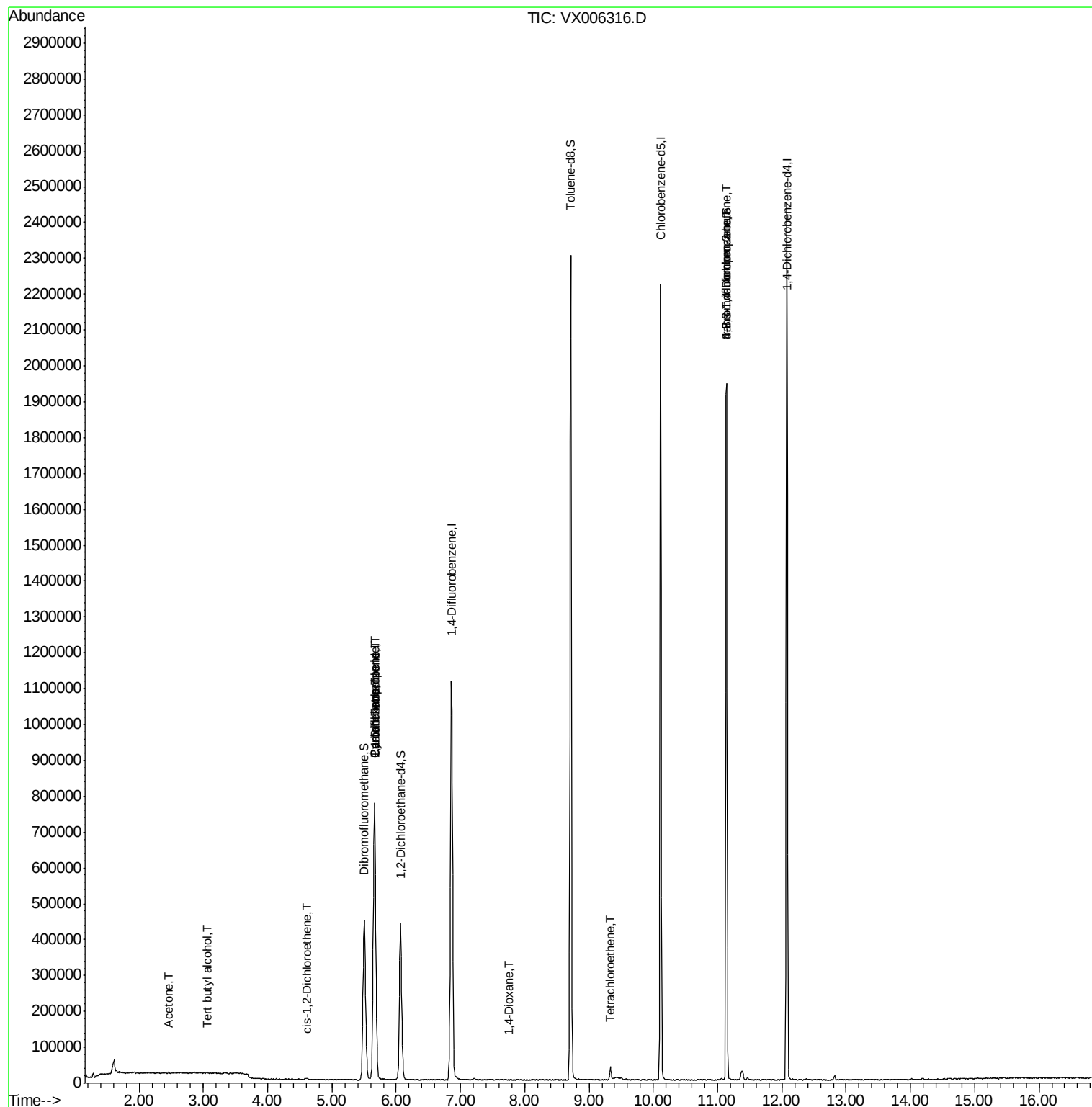
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.06	59	3213	1.432	ug/l #	77
16) Acetone	2.45	43	1053	0.273	ug/l #	88
27) cis-1,2-Dichloroethene	4.60	96	1876	0.217	ug/l	91
31) Cyclohexane	5.67	56	12393	1.046	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	49103	4.790	ug/l #	48
38) Carbon Tetrachloride	5.67	117	71764	5.951	ug/l #	17
49) 1,4-Dioxane	7.74	88	247	1.076	ug/l #	20
64) Tetrachloroethene	9.34	164	4048	0.484	ug/l #	82
76) 1,2,3-Trichloropropane	11.13	75	242727	23.079	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	242727	54.161	ug/l #	15

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

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Quant Time: Dec 07 04:30:02 2018
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: VX006316.D

Acq: 06 Dec 2018 14:18

Instrument :

MSVOA_X

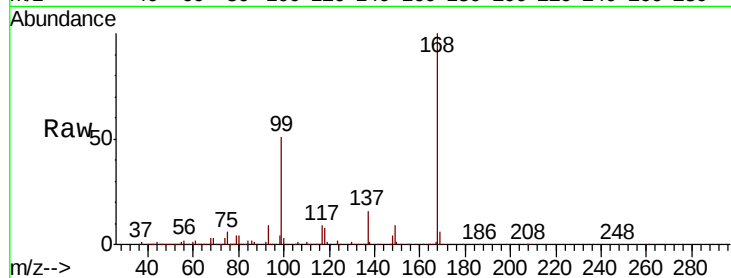
ClientSampleId :

Tot Ion:168 Resp: 803720

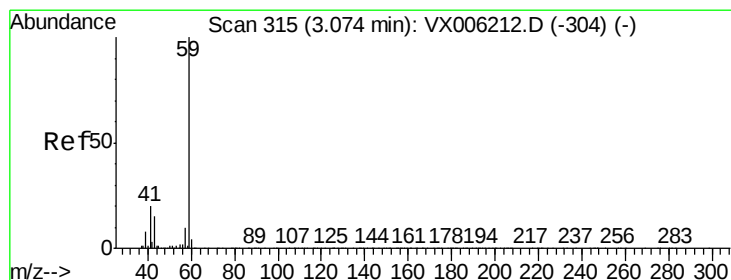
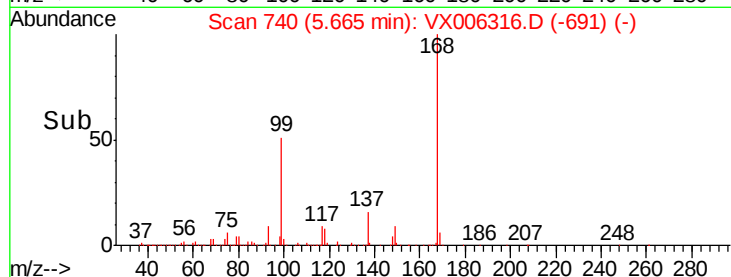
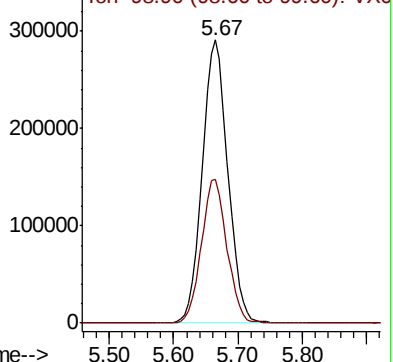
Ion Ratio Lower Upper

168 100

99 50.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): VX006316.D (-691) (-)



#11

Tert butyl alcohol

Concen: 1.432 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX006316.D

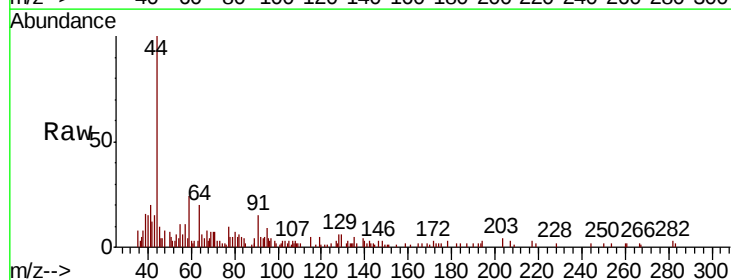
Acq: 06 Dec 2018 14:18

Tgt Ion: 59 Resp: 3213

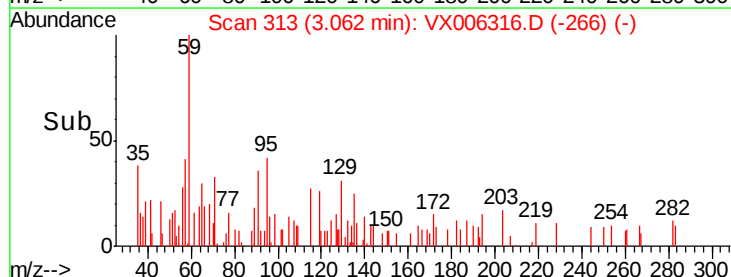
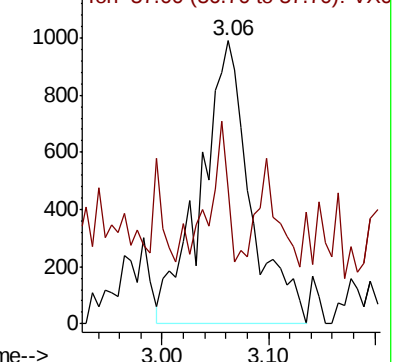
Ion Ratio Lower Upper

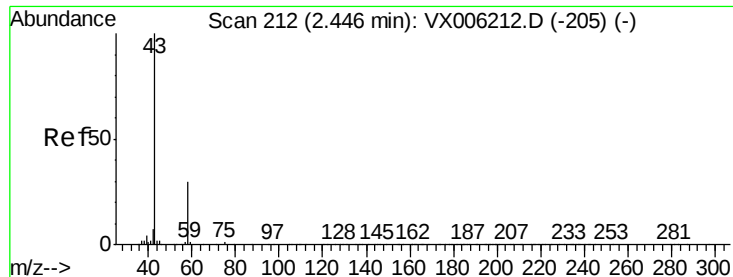
59 100

57 18.7 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX006316.D (-266) (-)

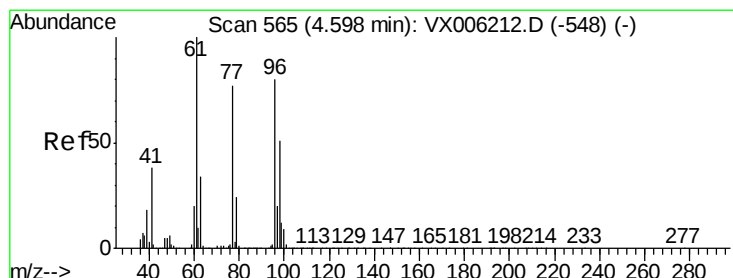
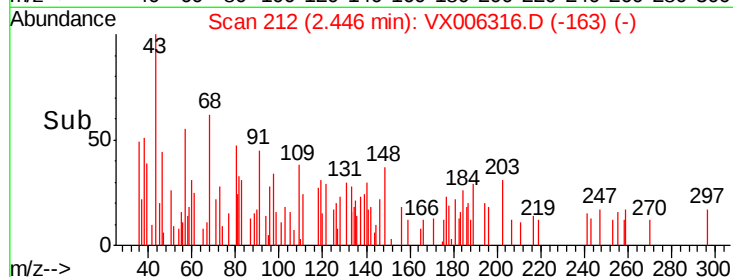
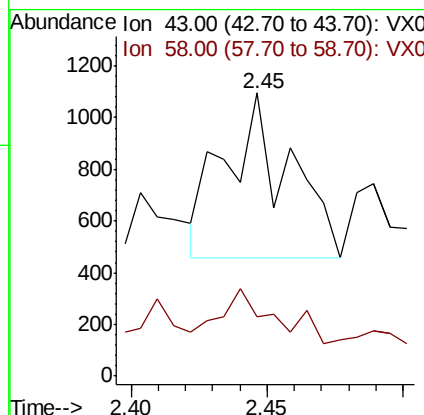
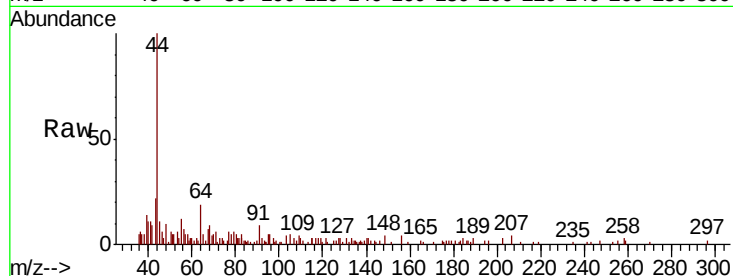




#16
Acetone
Concen: 0.273 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006316.D
Acq: 06 Dec 2018 14:18

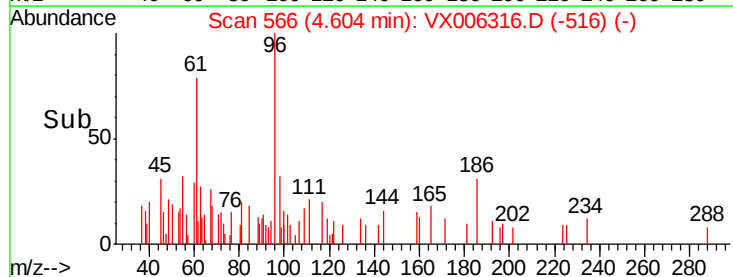
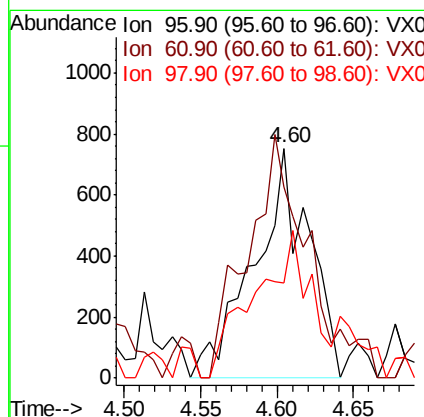
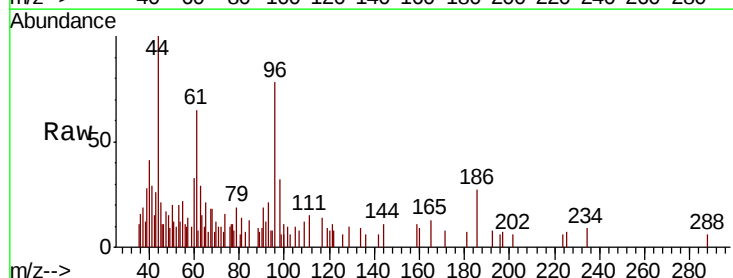
Instrument :
MSVOA_X
ClientSampled :

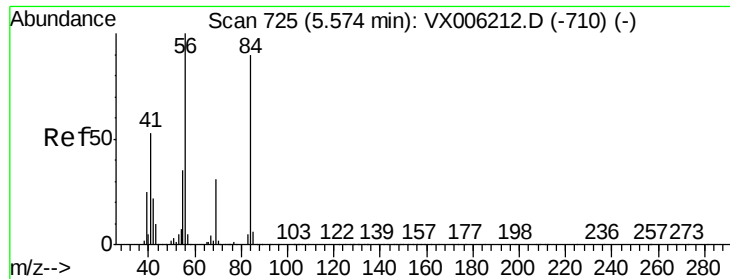
Tot Ion: 43 Resp: 1053
Ion Ratio Lower Upper
43 100
58 23.8 24.0 36.0#



#27
cis-1,2-Dichloroethene
Concen: 0.217 ug/l
RT: 4.60 min Scan# 566
Delta R.T. 0.01 min
Lab File: VX006316.D
Acq: 06 Dec 2018 14:18

Tgt Ion: 96 Resp: 1876
Ion Ratio Lower Upper
96 100
61 117.7 0.0 265.0
98 64.8 0.0 130.2

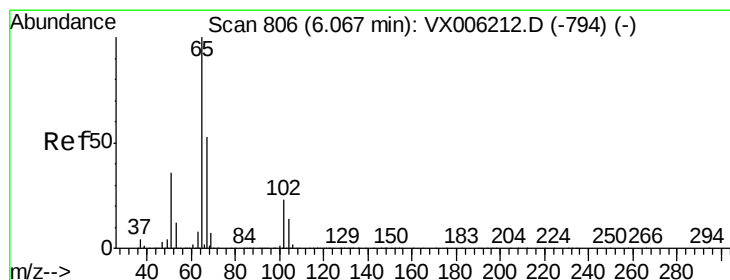
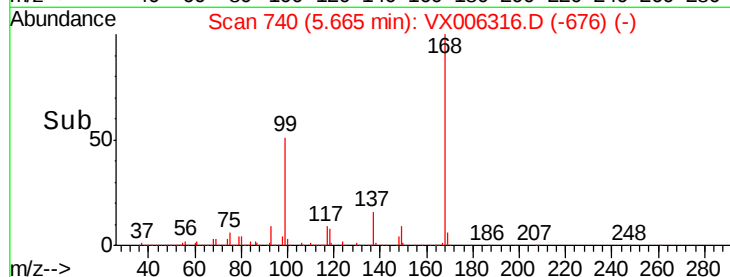
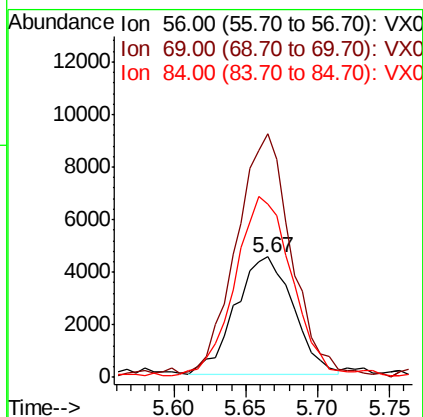
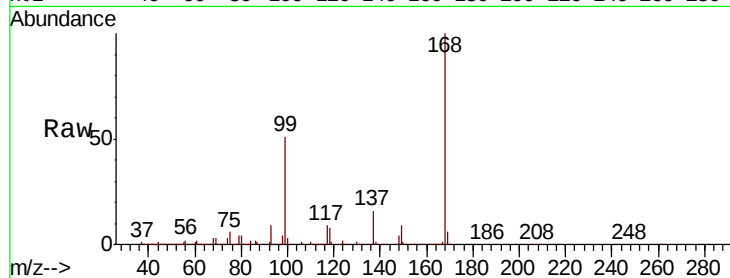




#31
Cvclohexane
Concen: 1.046 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006316.D
Acq: 06 Dec 2018 14:18

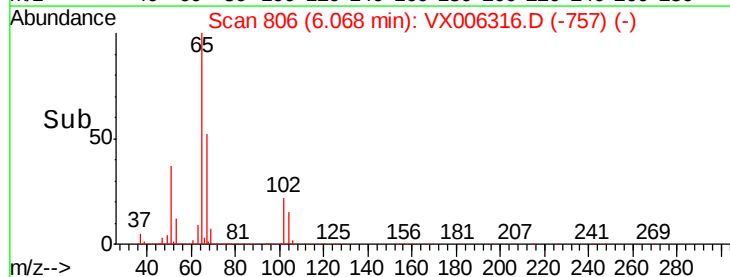
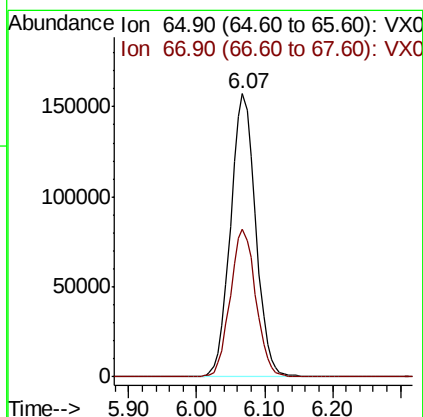
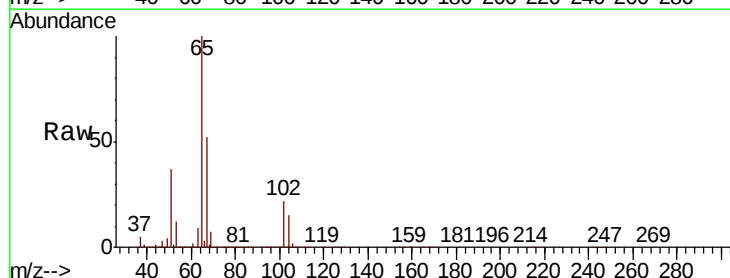
Instrument :
MSVOA_X
ClientSampleId :

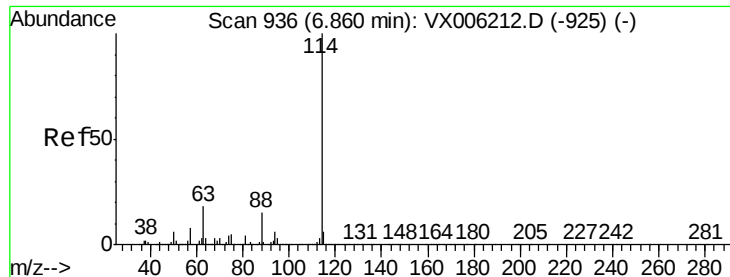
Tot Ion: 56 Resp: 12393
Ion Ratio Lower Upper
56 100
69 203.5 24.5 36.7#
84 142.1 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 49.075 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006316.D
Acq: 06 Dec 2018 14:18

Tgt Ion: 65 Resp: 402645
Ion Ratio Lower Upper
65 100
67 53.2 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: VX006316.D

Acq: 06 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

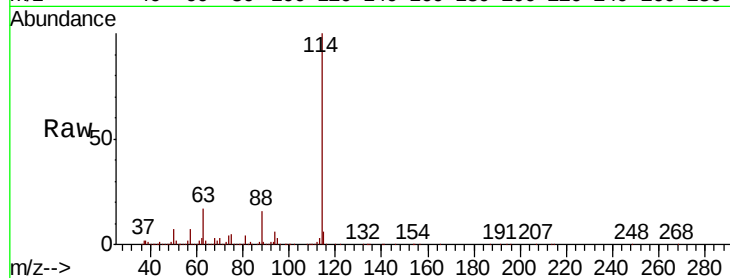
Tot Ion:114 Resp: 1217220

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

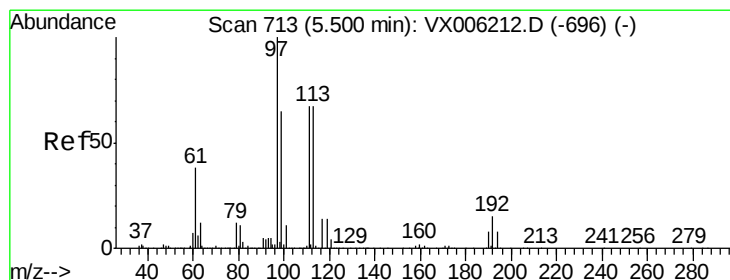
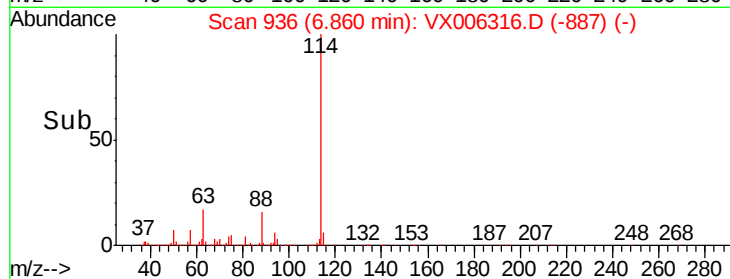
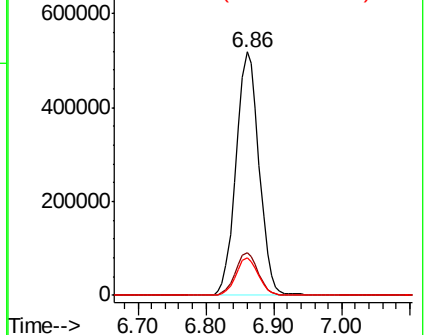
88 15.6 0.0 29.0



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: 48.535 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006316.D

Acq: 06 Dec 2018 14:18

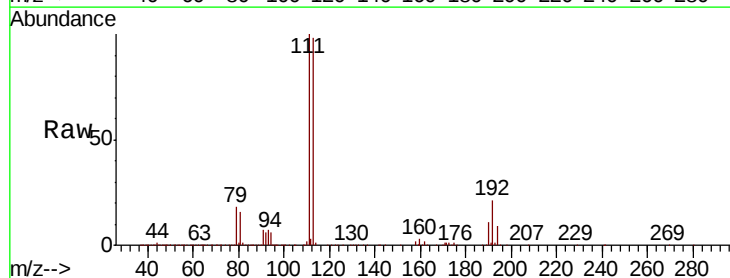
Tgt Ion:113 Resp: 382507

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

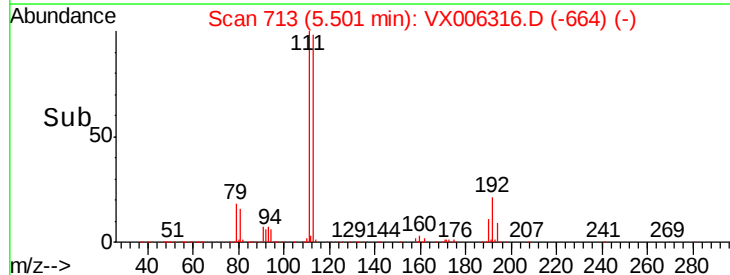
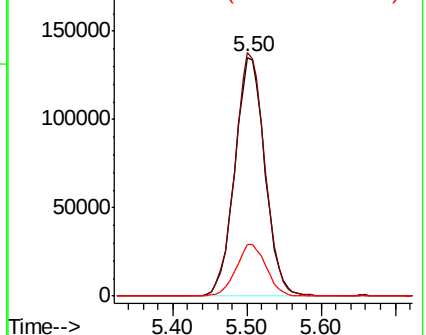
192 21.8 18.2 27.2

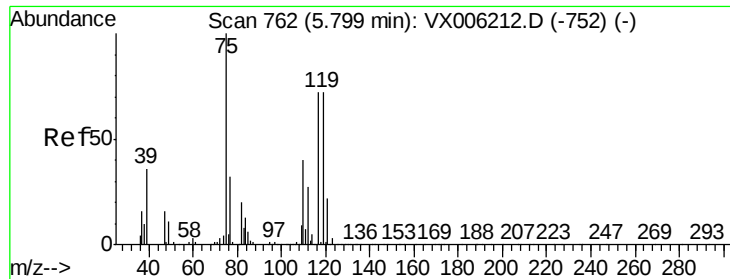


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.790 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006316.D

Acq: 06 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampled :

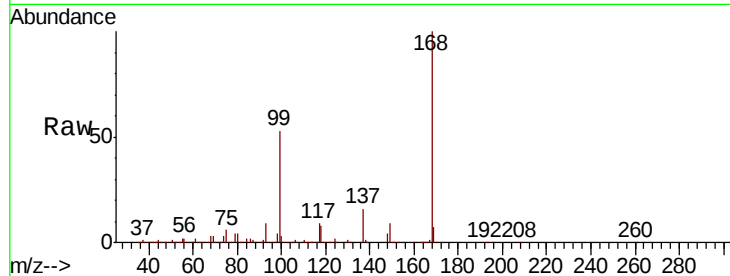
Tot Ion: 75 Resp: 49103

Ion Ratio Lower Upper

75 100

110 11.0 20.4 61.3#

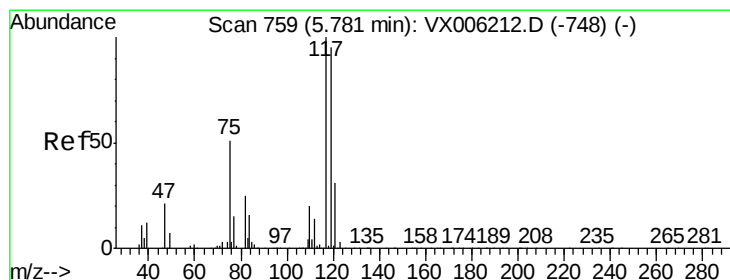
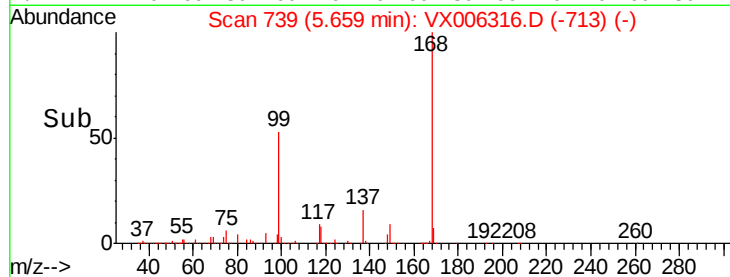
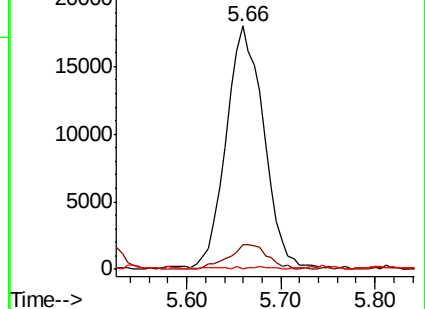
77 0.2 24.9 37.3#



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: 5.951 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006316.D

Acq: 06 Dec 2018 14:18

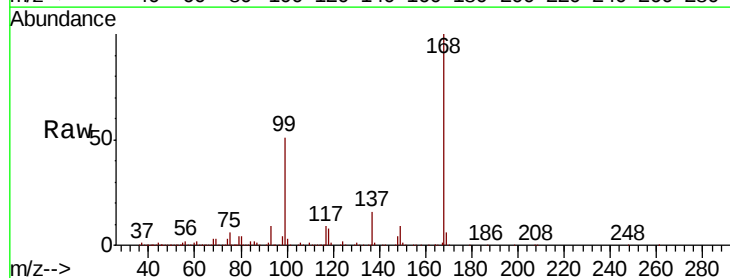
Tgt Ion: 117 Resp: 71764

Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.8#

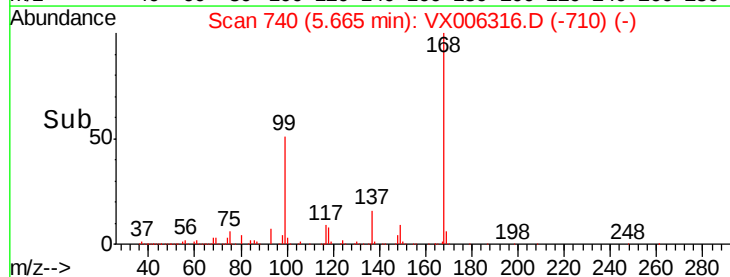
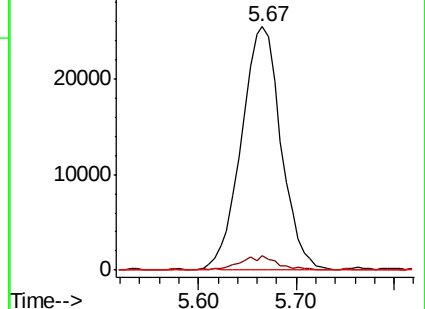
121 0.0 24.6 37.0#

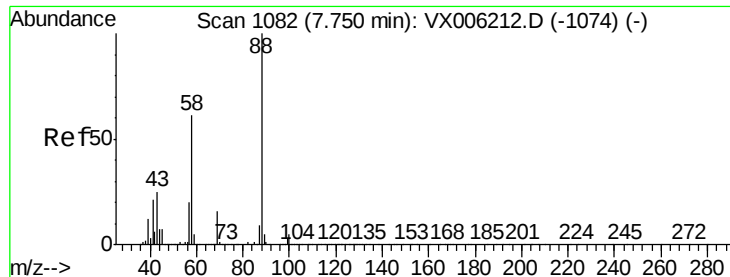


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 1.076 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX006316.D

Acq: 06 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampled :

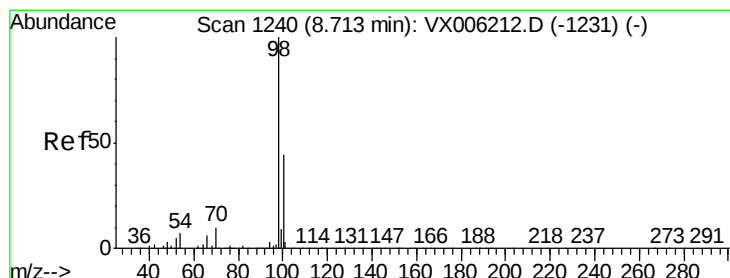
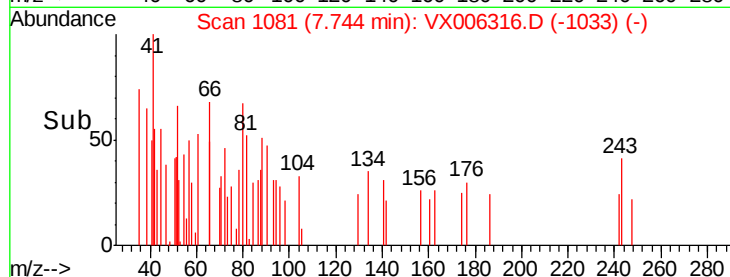
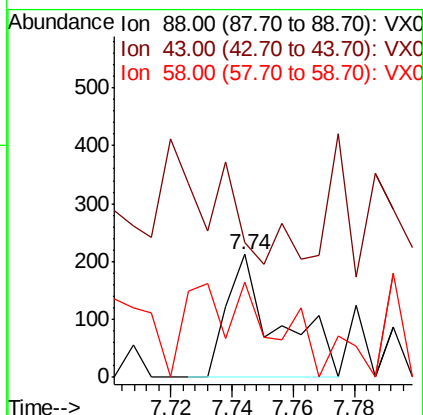
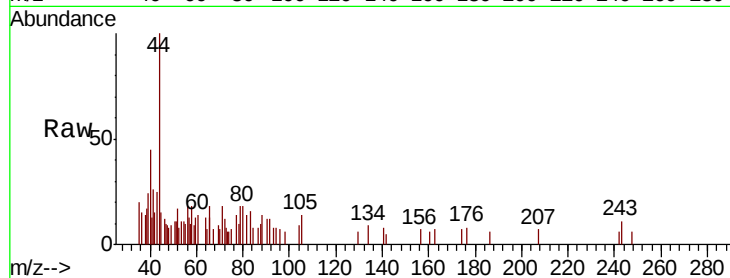
Tot Ion: 88 Resp: 247

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 136.0 51.4 77.0#



#50

Toluene-d8

Concen: 49.609 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006316.D

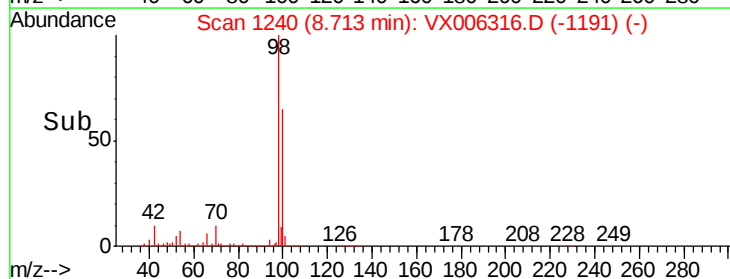
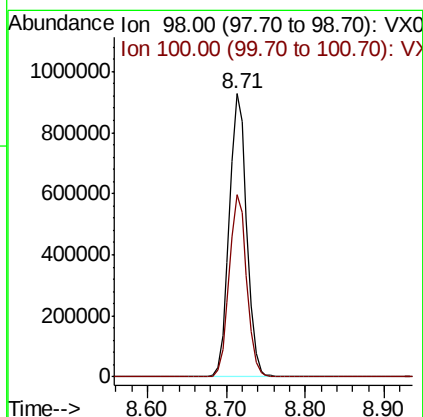
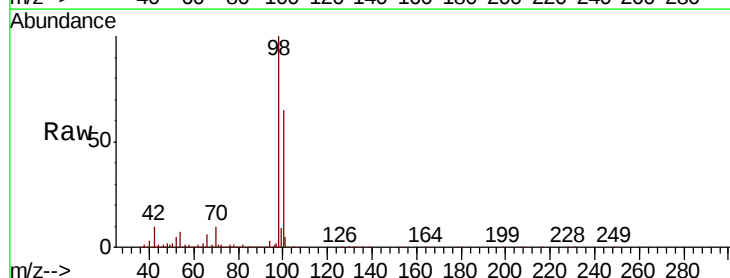
Acq: 06 Dec 2018 14:18

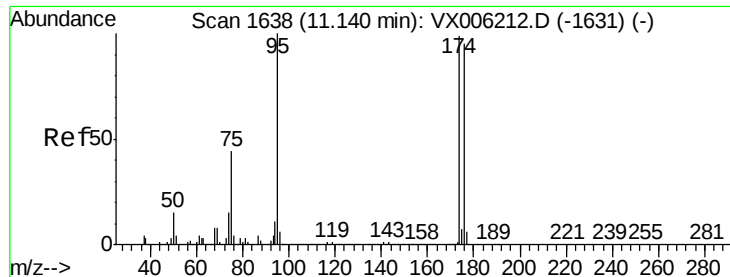
Tgt Ion: 98 Resp: 1422128

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 49.149 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006316.D

Acq: 06 Dec 2018 14:18

Instrument :

MSVOA_X

ClientSampleId :

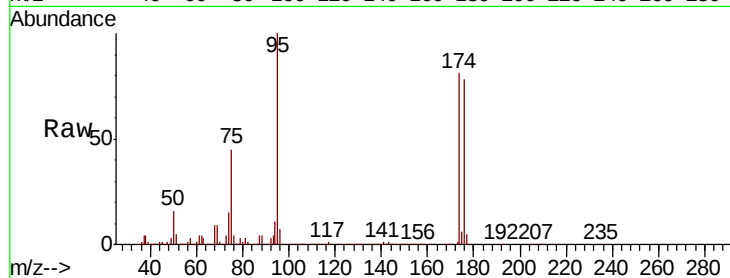
Tot Ion: 95 Resp: 530923

Ion Ratio Lower Upper

95 100

174 89.8 0.0 187.0

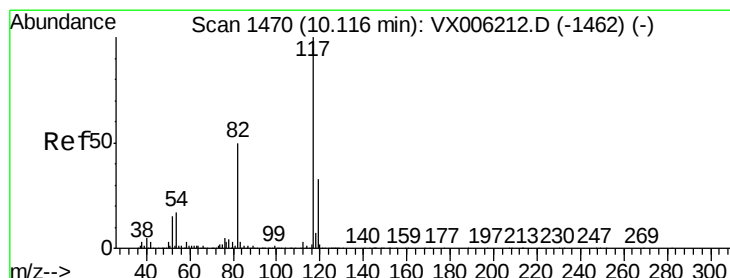
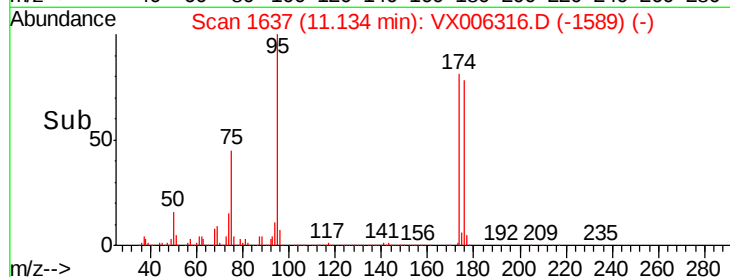
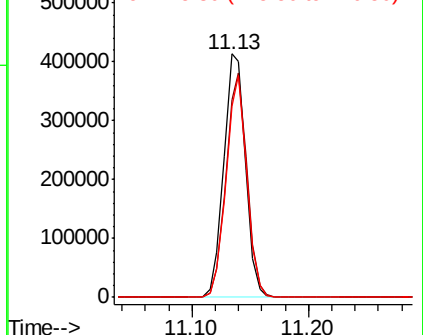
176 86.7 0.0 181.8



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: VX006316.D

Acq: 06 Dec 2018 14:18

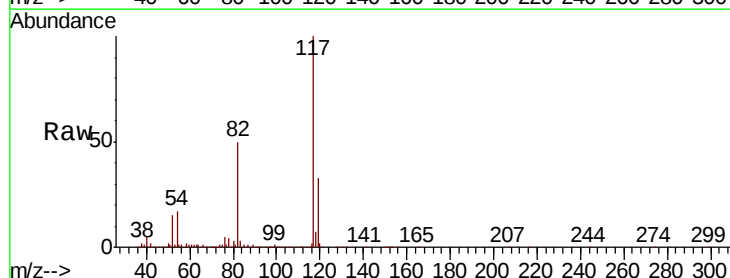
Tgt Ion: 117 Resp: 1110531

Ion Ratio Lower Upper

117 100

82 50.3 39.6 59.4

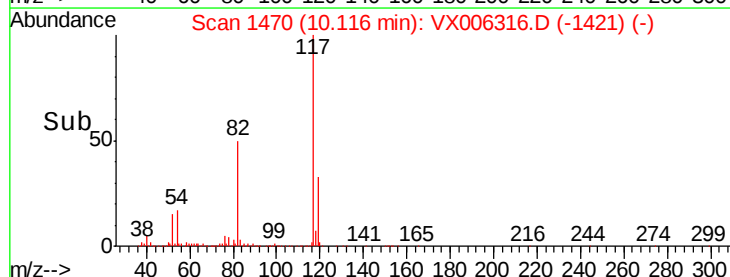
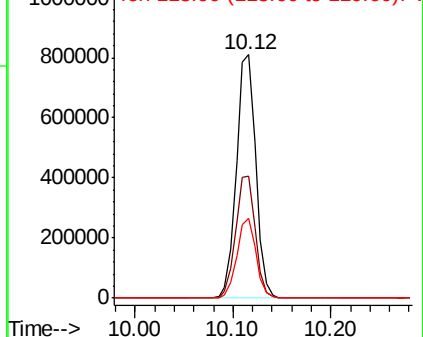
119 32.5 26.3 39.5

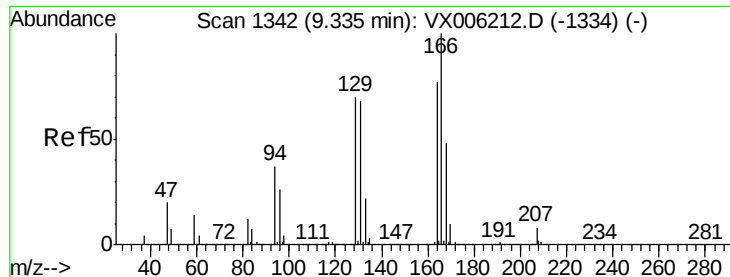


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.484 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006316.D

Acq: 06 Dec 2018 14:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 4048

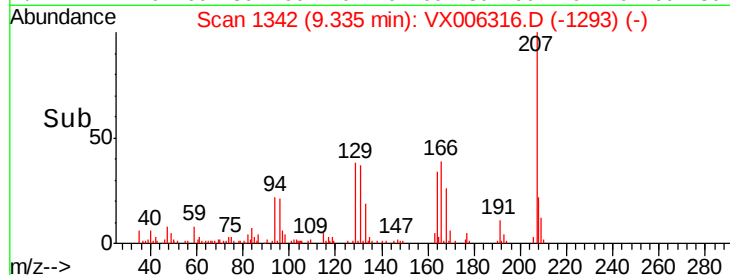
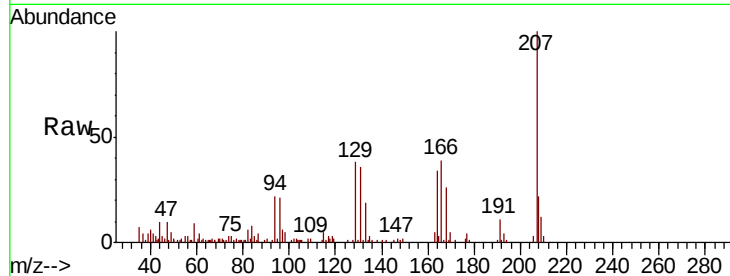
Ion Ratio Lower Upper

164 100

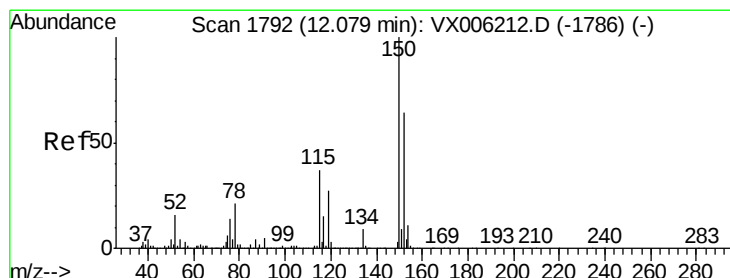
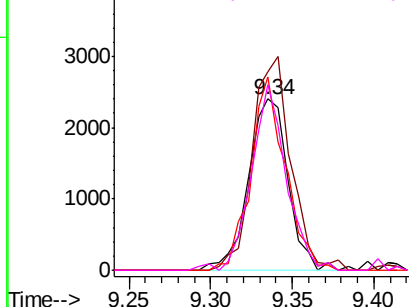
166 116.0 104.2 156.2

129 113.0 72.6 108.8#

131 108.5 70.3 105.5#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VX006316.D

Acq: 06 Dec 2018 14:18

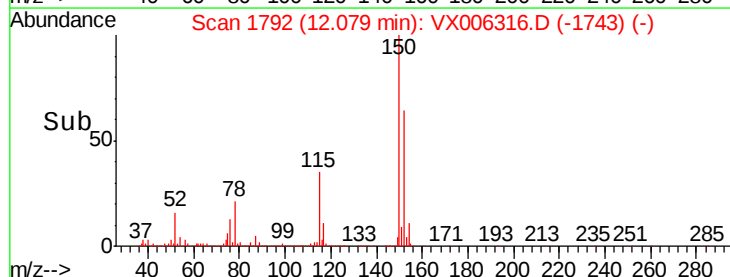
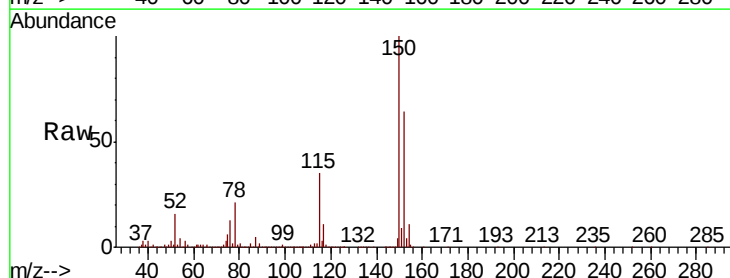
Tgt Ion:152 Resp: 544880

Ion Ratio Lower Upper

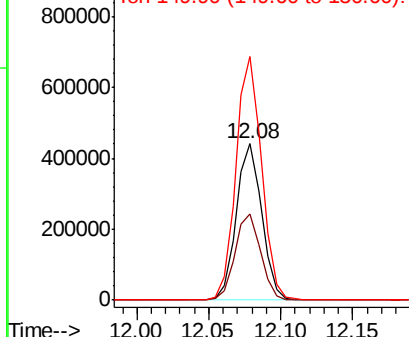
152 100

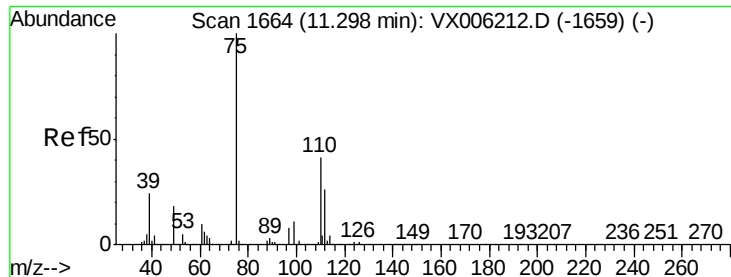
115 55.9 39.0 116.9

150 156.4 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

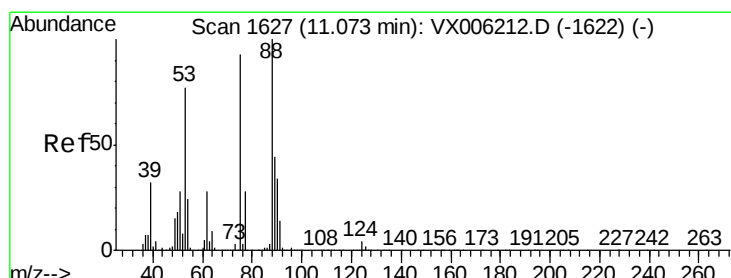
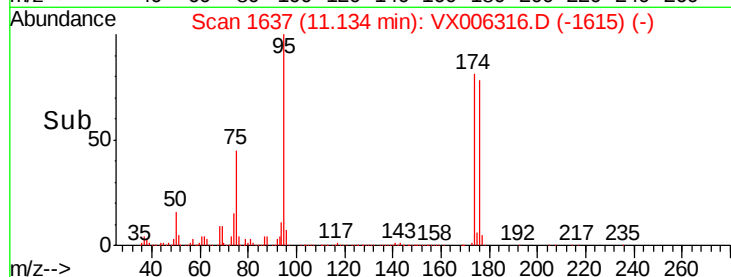
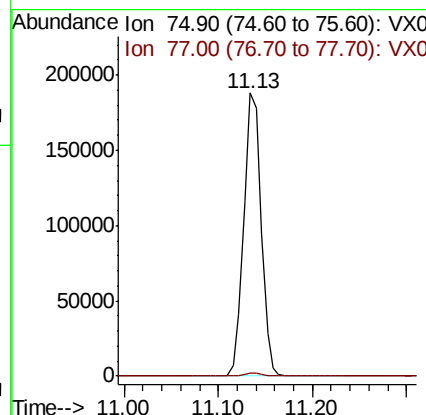
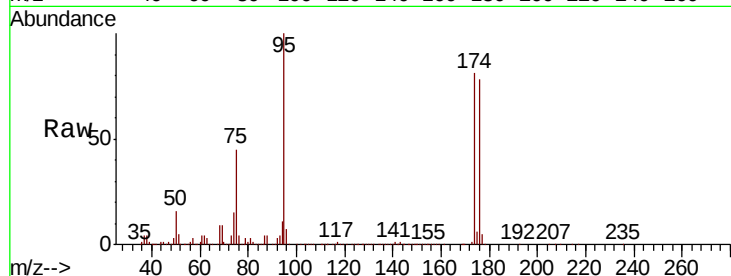




#76
 1,2,3-Trichloropropane
 Concen: 23.079 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006316.D
 Acq: 06 Dec 2018 14:18

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 242727
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.9 59.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 54.161 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX006316.D
 Acq: 06 Dec 2018 14:18

Tgt Ion: 75 Resp: 242727
 Ion Ratio Lower Upper
 75 100
 53 0.0 64.4 96.6#
 89 0.0 44.2 66.4#

