

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121018\
 Data File : VX006408.D
 Acq On : 11 Dec 2018 09:05
 Operator : JC/MD
 Sample : J6314-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP03-20181207

Quant Time: Dec 11 09:43:29 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	657218	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1029455	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	942306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	436872	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	345346	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
35) Dibromofluoromethane	5.51	113	316453	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
50) Toluene-d8	8.71	98	1215381	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
62) 4-Bromofluorobenzene	11.13	95	448148	49.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.10%	

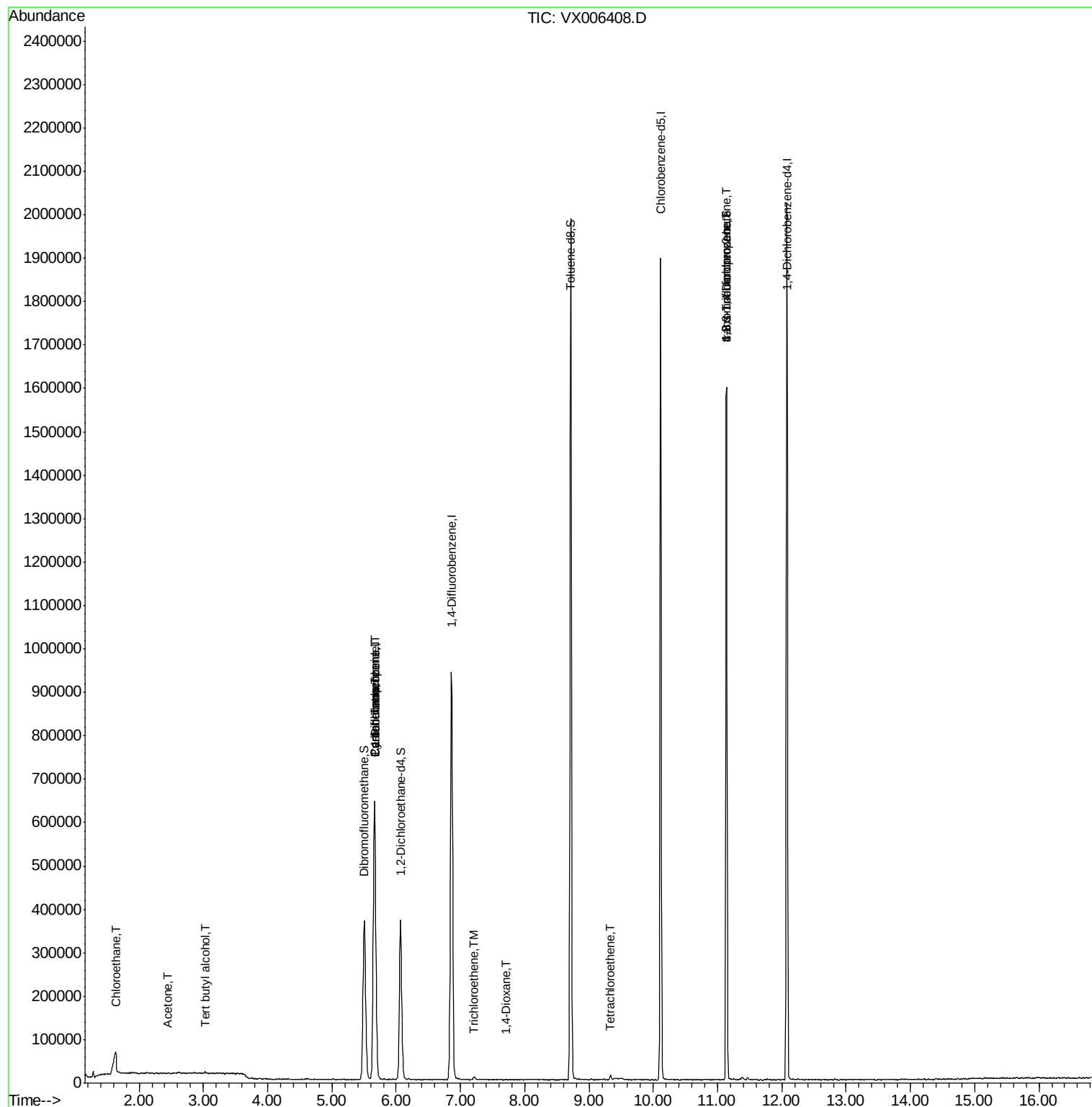
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.64	64	5589	1.281	ug/l #	88
11) Tert butyl alcohol	3.02	59	1223	0.667	ug/l #	85
16) Acetone	2.45	43	1356	0.431	ug/l #	84
31) Cyclohexane	5.66	56	9376	0.967	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	44584	5.143	ug/l #	47
38) Carbon Tetrachloride	5.67	117	62270	6.106	ug/l #	15
44) Trichloroethene	7.20	130	2662	0.338	ug/l	72
49) 1,4-Dioxane	7.71	88	133	0.685	ug/l #	4
64) Tetrachloroethene	9.34	164	1456	0.205	ug/l #	86
76) 1,2,3-Trichloropropane	11.13	75	204337	24.233	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	204337	56.867	ug/l #	15

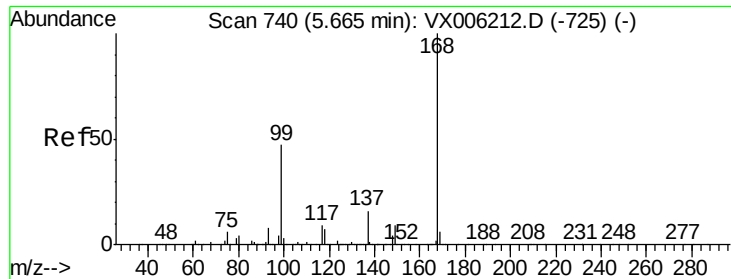
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121018\
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QLast Update : Fri Nov 30 03:55:33 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006408.D

Acq: 11 Dec 2018 09:05

Instrument :

MSVOA_X

ClientSampleId :

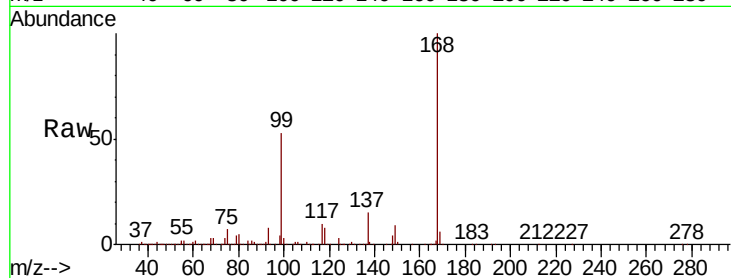
BP-DUP03-20181207

Tgt Ion: 168 Resp: 657218

Ion Ratio Lower Upper

168 100

99 53.0 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

250000

200000

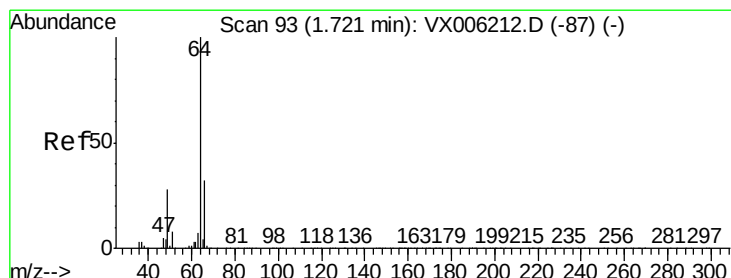
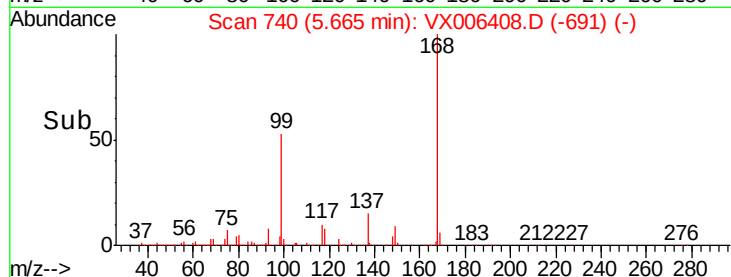
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 1.281 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.08 min

Lab File: VX006408.D

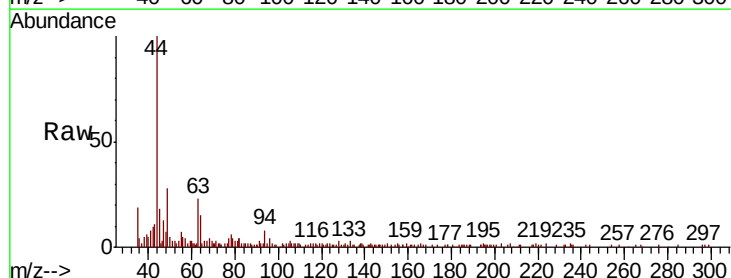
Acq: 11 Dec 2018 09:05

Tgt Ion: 64 Resp: 5589

Ion Ratio Lower Upper

64 100

66 25.6 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

2000

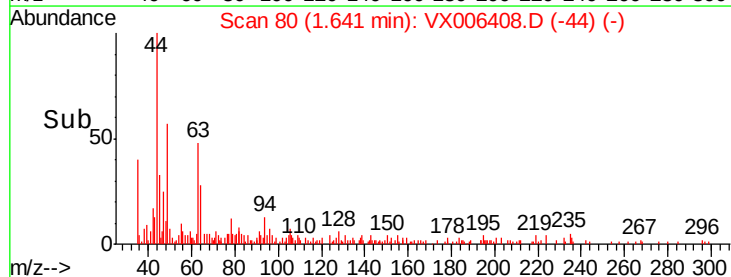
1500

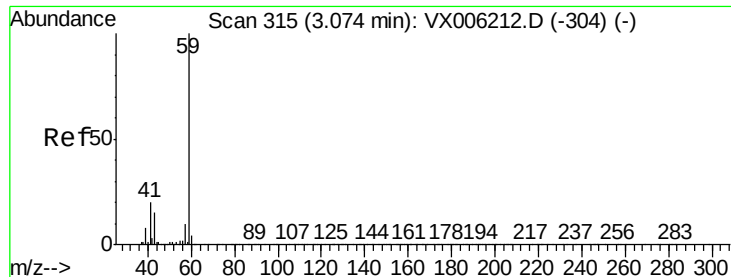
1000

500

0

Time-->



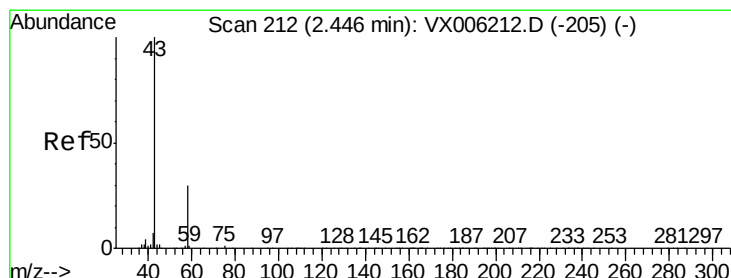
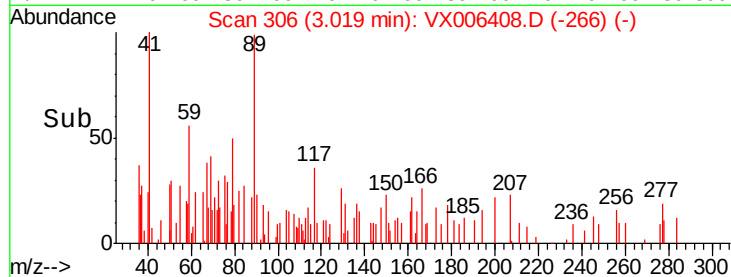
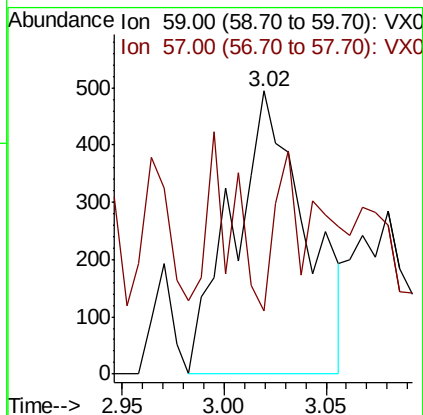
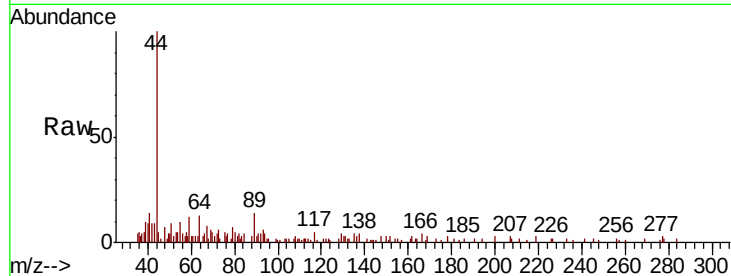


#11

Tert butyl alcohol
Concen: 0.667 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.05 min
Lab File: VX006408.D
Acq: 11 Dec 2018 09:05

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP03-20181207

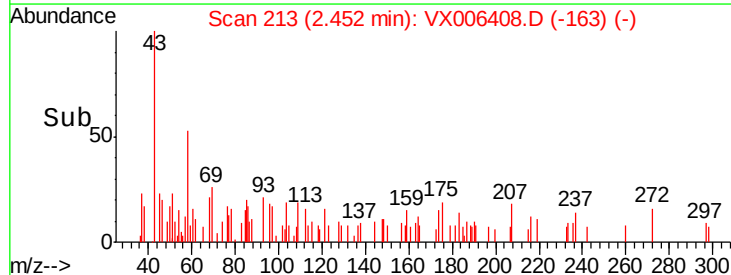
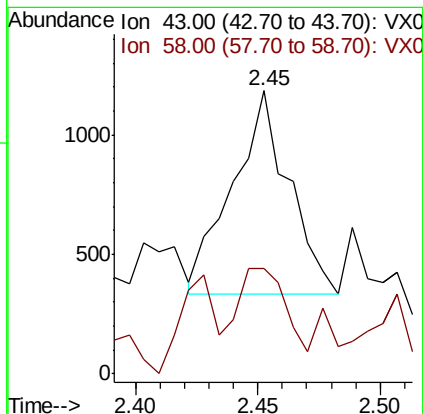
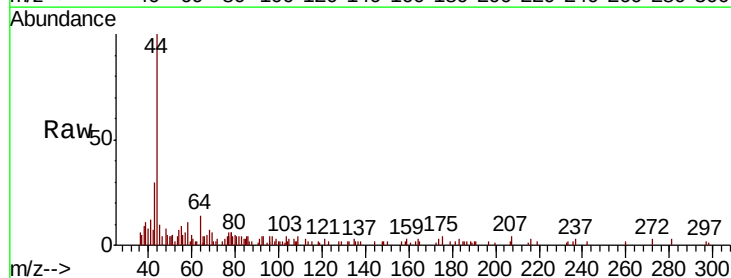
Tgt Ion: 59 Resp: 1223
Ion Ratio Lower Upper
59 100
57 15.8 8.2 12.2#

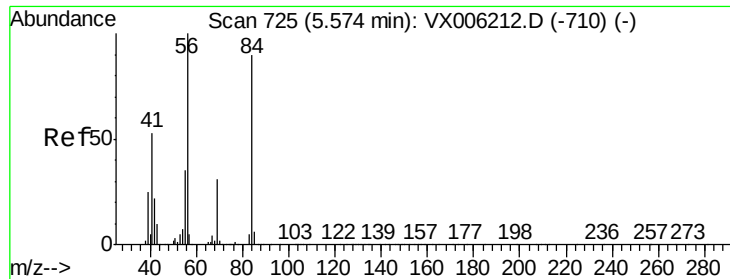


#16

Acetone
Concen: 0.431 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX006408.D
Acq: 11 Dec 2018 09:05

Tgt Ion: 43 Resp: 1356
Ion Ratio Lower Upper
43 100
58 38.6 24.0 36.0#

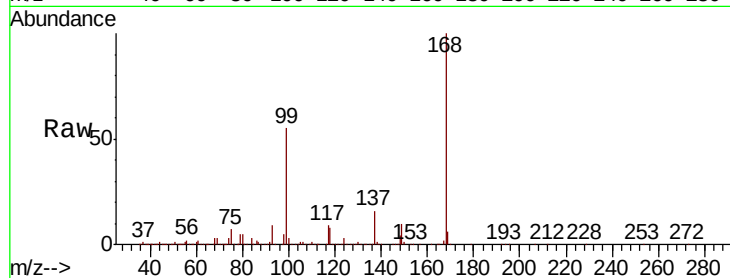




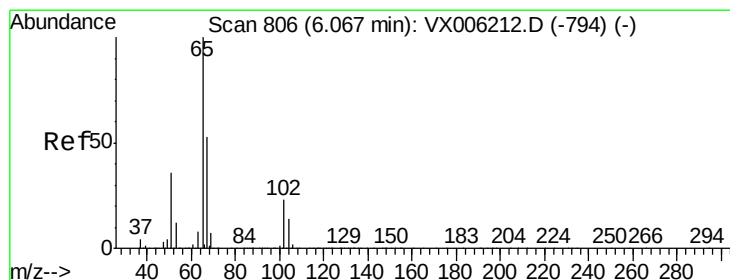
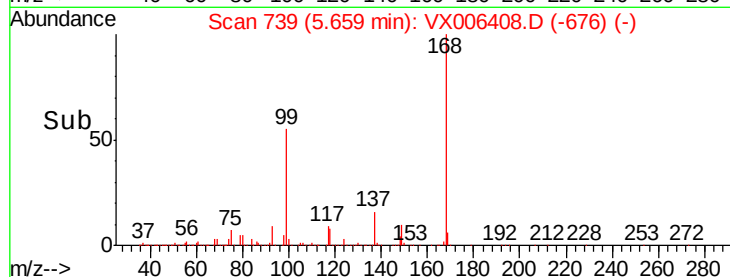
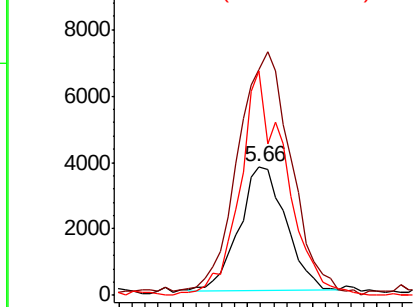
#31
Cyclohexane
Concen: 0.967 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX006408.D
Acq: 11 Dec 2018 09:05

Instrument :
MSVOA_X
ClientSampleId :
BP-DUP03-20181207

Tgt Ion: 56 Resp: 9376
Ion Ratio Lower Upper
56 100
69 179.4 24.5 36.7#
84 179.3 71.8 107.6#

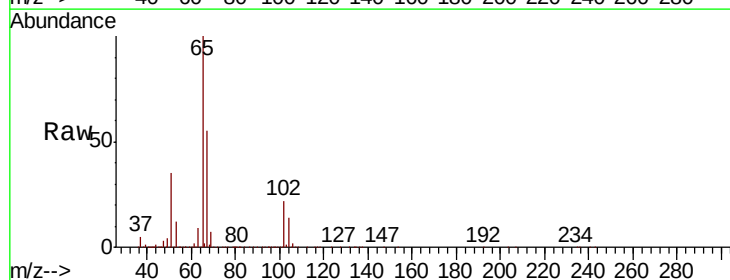


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

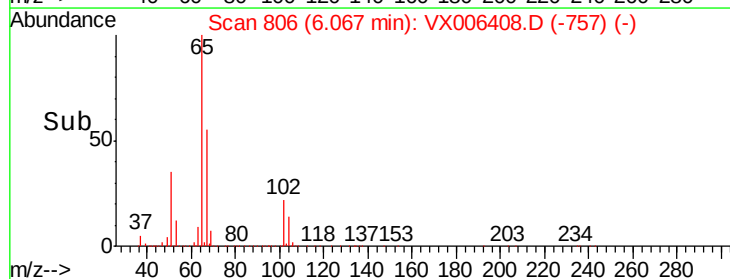
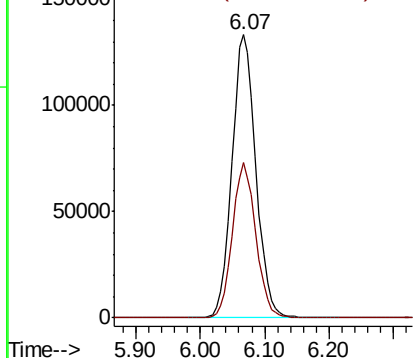


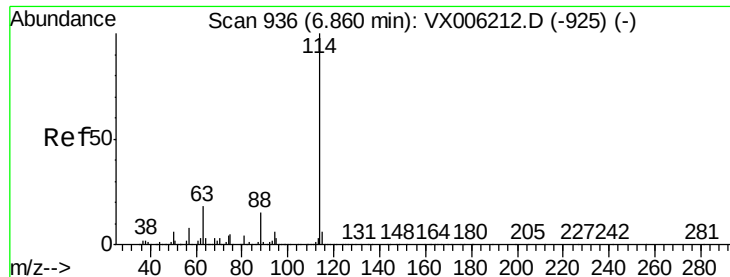
#33
1,2-Dichloroethane-d4
Concen: 51.474 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006408.D
Acq: 11 Dec 2018 09:05

Tgt Ion: 65 Resp: 345346
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006408.D

Acq: 11 Dec 2018 09:05

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP03-20181207

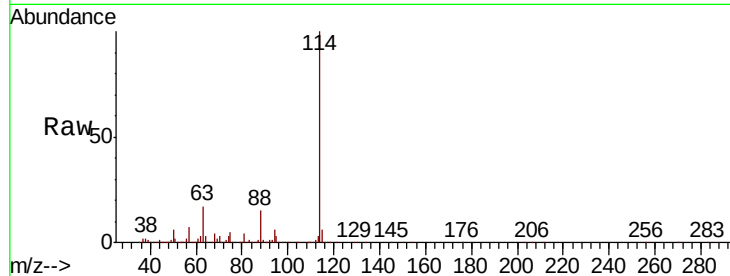
Tgt Ion:114 Resp: 1029455

Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.6

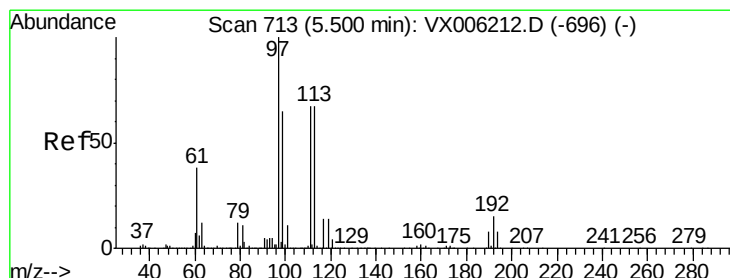
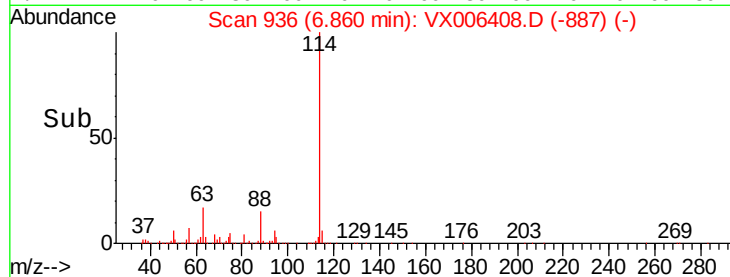
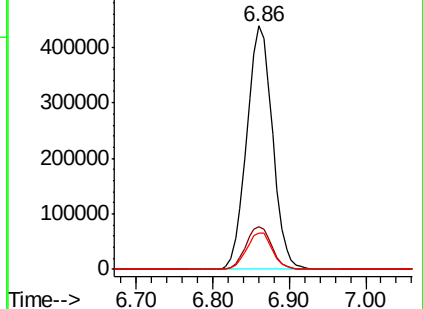
88 15.1 0.0 29.0



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: 47.478 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006408.D

Acq: 11 Dec 2018 09:05

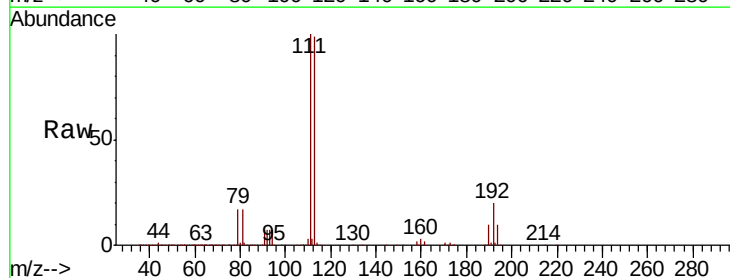
Tgt Ion:113 Resp: 316453

Ion Ratio Lower Upper

113 100

111 101.9 81.1 121.7

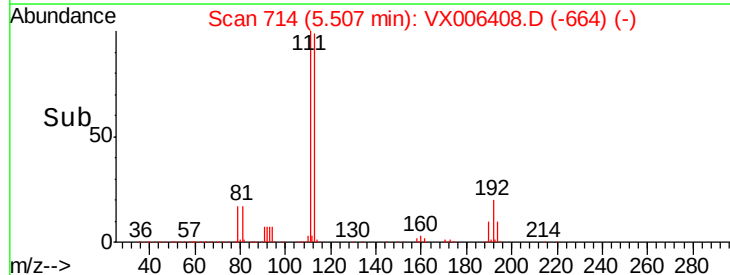
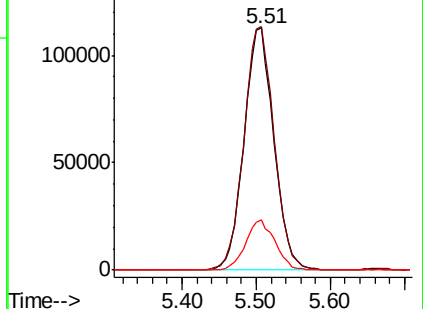
192 20.4 18.2 27.2

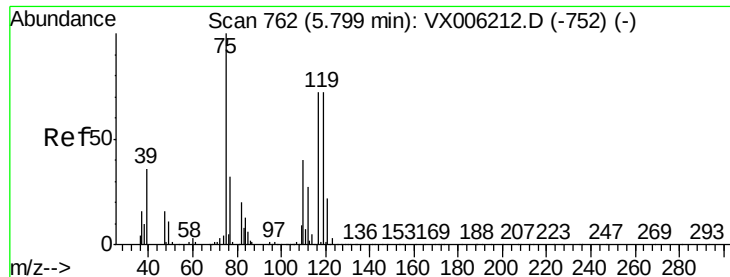


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

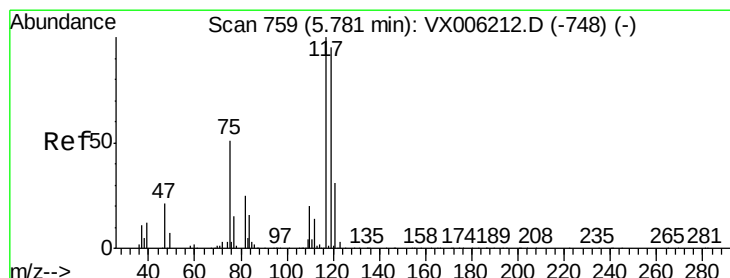
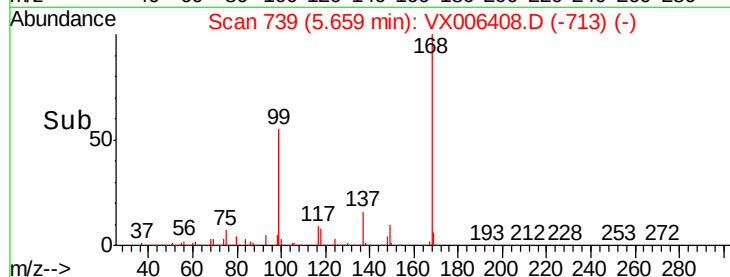
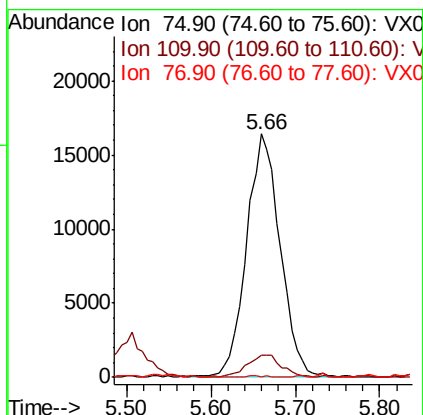
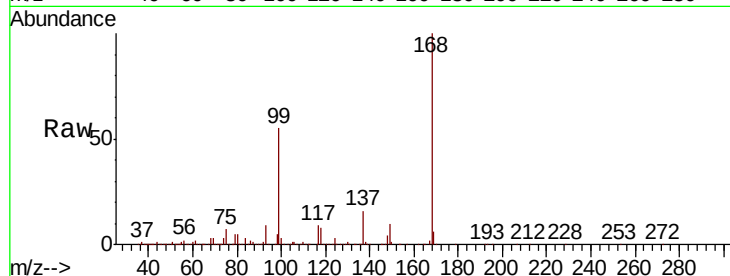




#36
 1,1-Dichloropropene
 Concen: 5.143 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX006408.D
 Acq: 11 Dec 2018 09:05

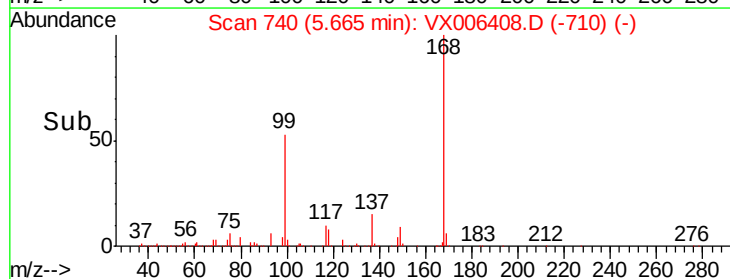
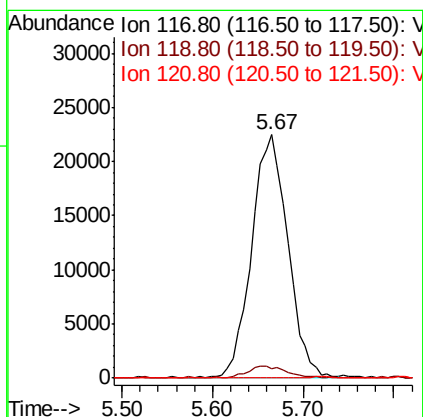
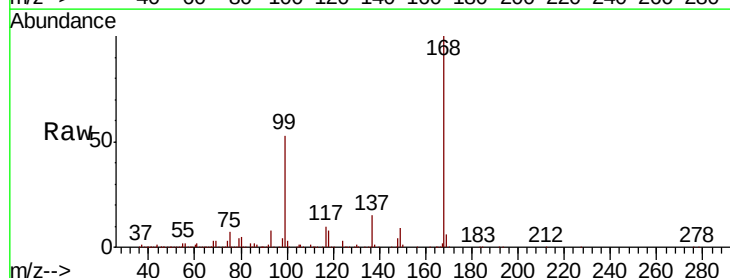
Instrument :
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 ClientSampleId :
 BP-DUP03-20181207

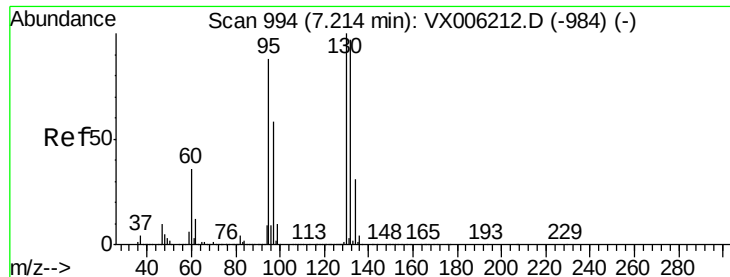
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.6	20.4	61.3#
77	0.3	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 6.106 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX006408.D
 Acq: 11 Dec 2018 09:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	75.8	113.8#
121	0.0	24.6	37.0#





#44

Trichloroethene

Concen: 0.338 ug/l

RT: 7.20 min Scan# 992

Delta R.T. -0.01 min

Lab File: VX006408.D

Acq: 11 Dec 2018 09:05

Instrument :

MSVOA_X

ClientSampleId :

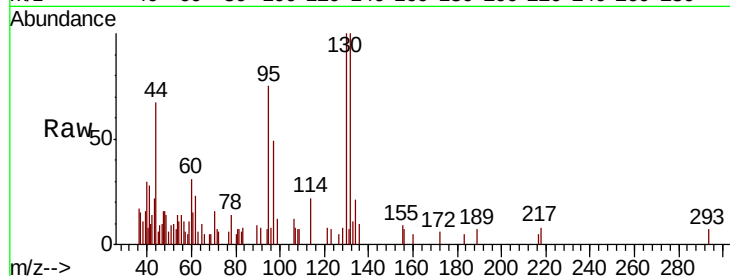
BP-DUP03-20181207

Tgt Ion:130 Resp: 2662

Ion Ratio Lower Upper

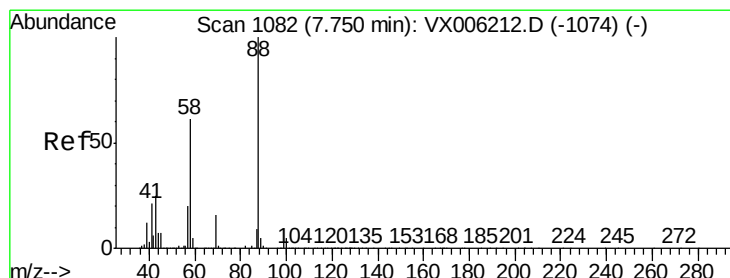
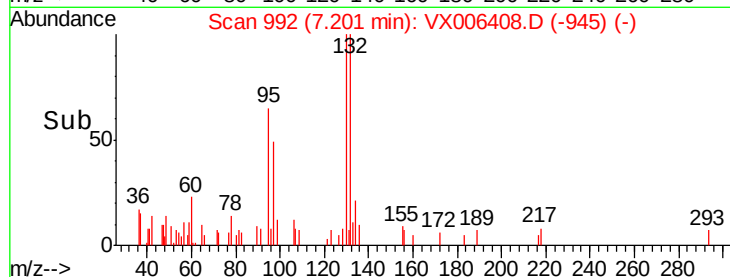
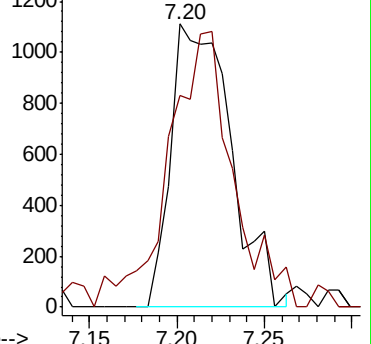
130 100

95 62.0 0.0 175.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#49

1,4-Dioxane

Concen: 0.685 ug/l

RT: 7.71 min Scan# 1076

Delta R.T. -0.04 min

Lab File: VX006408.D

Acq: 11 Dec 2018 09:05

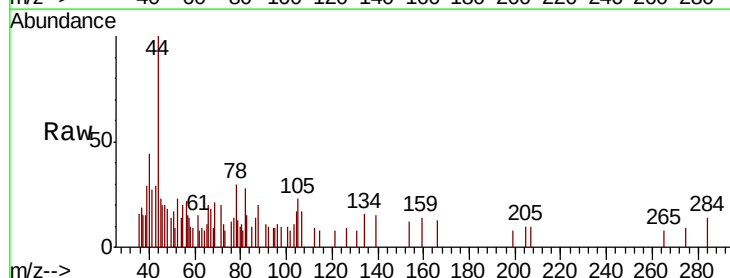
Tgt Ion: 88 Resp: 133

Ion Ratio Lower Upper

88 100

43 154.9 23.2 34.8#

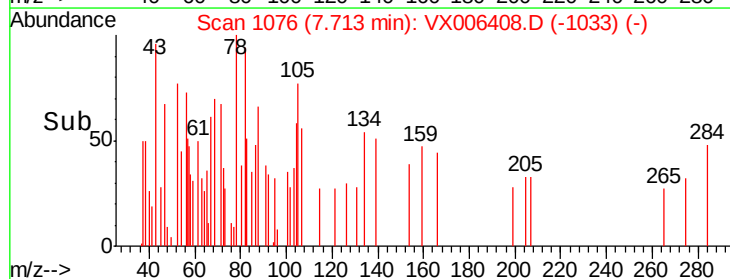
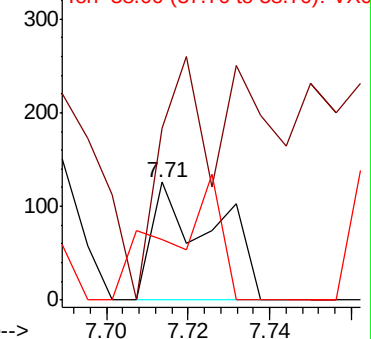
58 90.2 51.4 77.0#

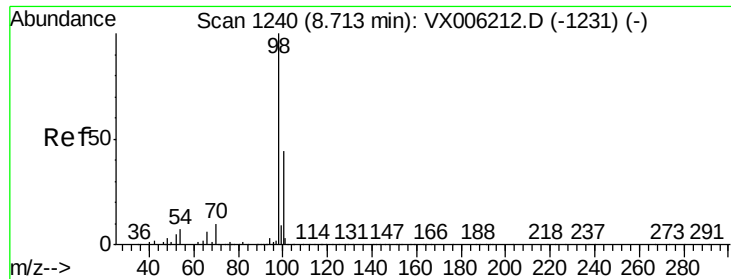


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.130 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006408.D

Acq: 11 Dec 2018 09:05

Instrument :

MSVOA_X

ClientSampleId :

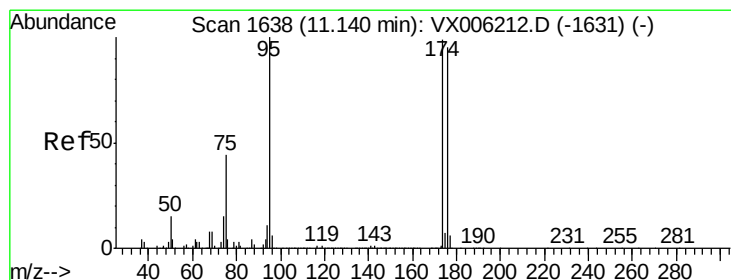
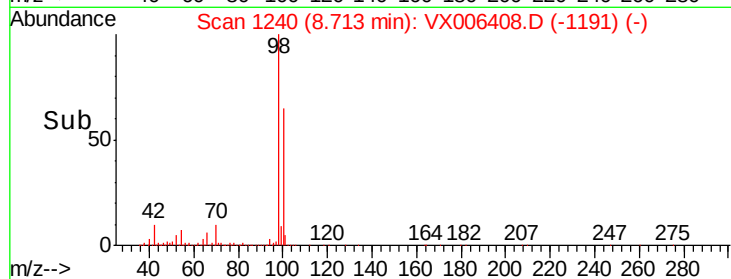
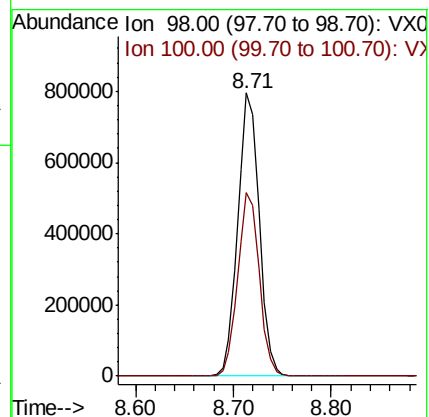
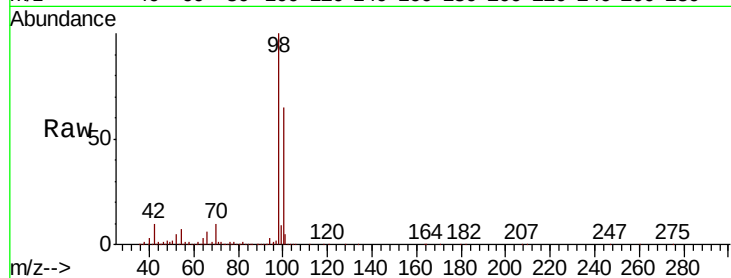
BP-DUP03-20181207

Tgt Ion: 98 Resp: 1215381

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.053 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006408.D

Acq: 11 Dec 2018 09:05

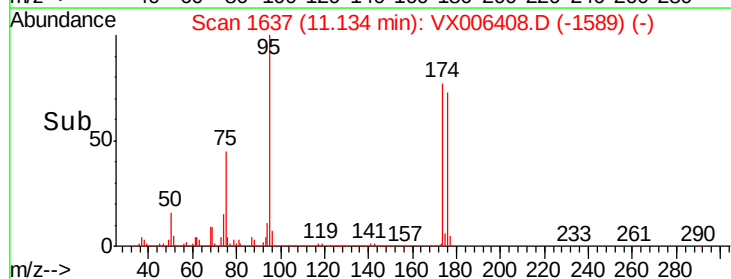
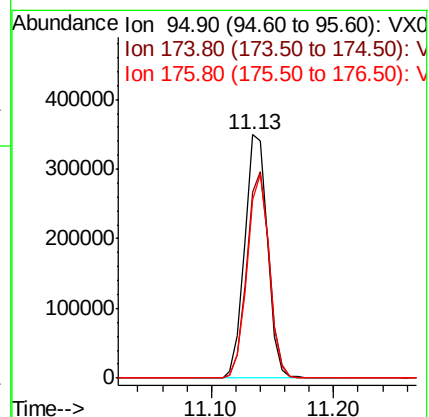
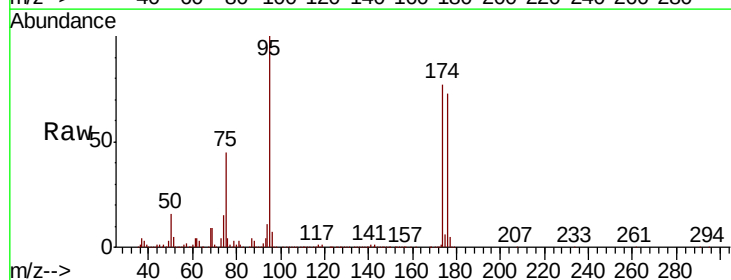
Tgt Ion: 95 Resp: 448148

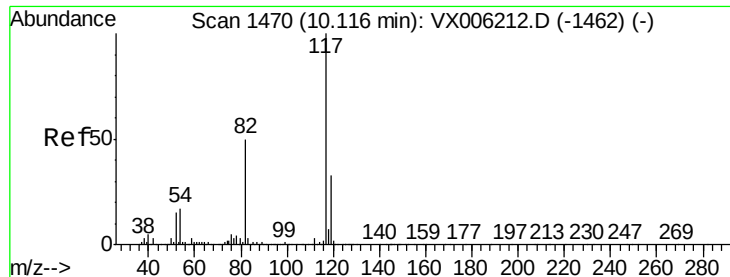
Ion Ratio Lower Upper

95 100

174 84.4 0.0 187.0

176 81.8 0.0 181.8

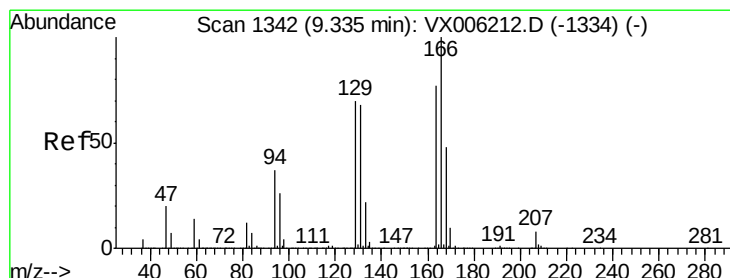
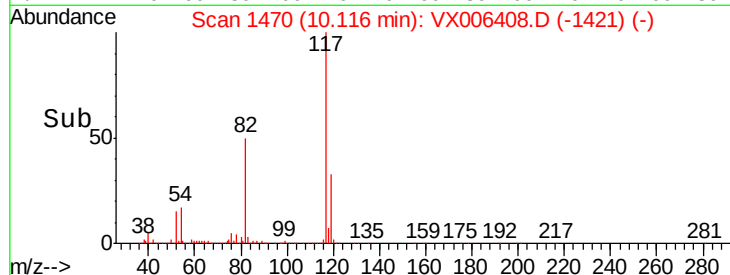
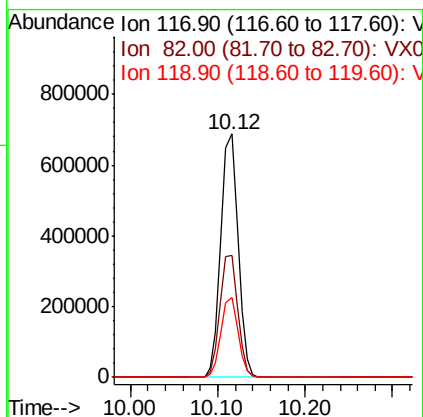
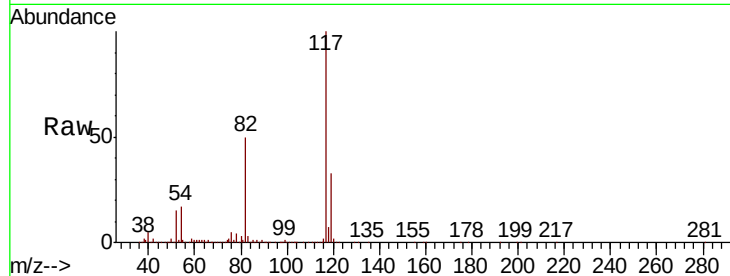




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006408.D
Acq: 11 Dec 2018 09:05

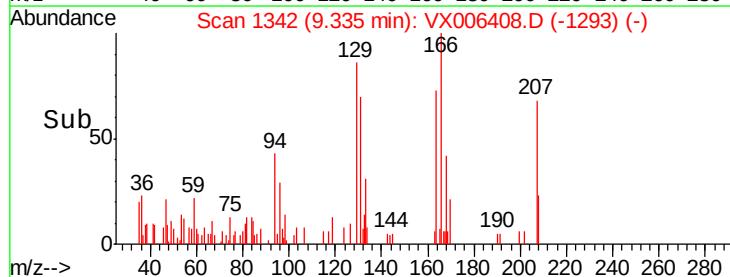
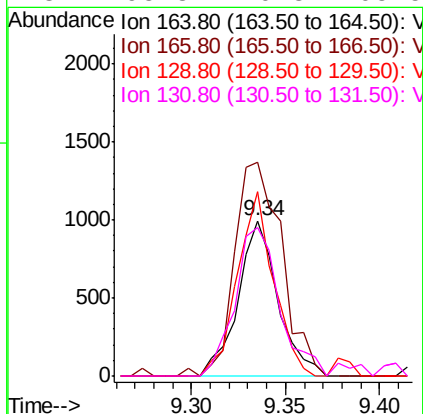
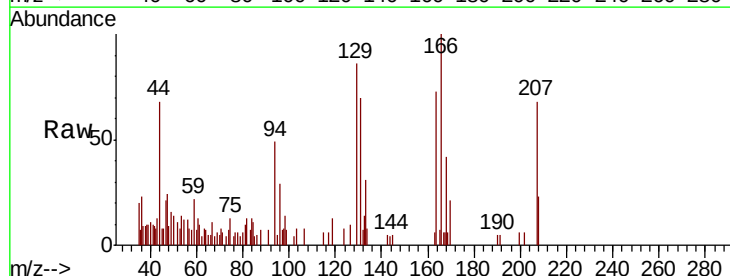
Instrument :
MSVOA_X
ClientSampleId :
BP-DUP03-20181207

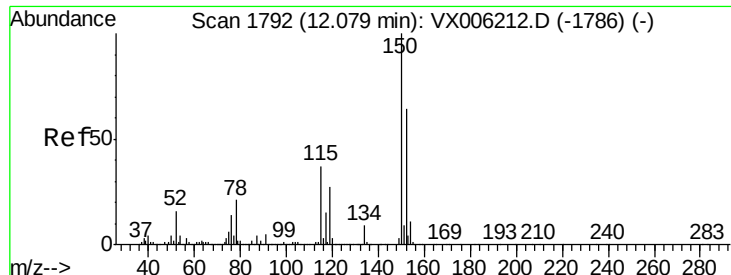
Tgt Ion:117 Resp: 942306
Ion Ratio Lower Upper
117 100
82 50.0 39.6 59.4
119 32.6 26.3 39.5



#64
Tetrachloroethene
Concen: 0.205 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006408.D
Acq: 11 Dec 2018 09:05

Tgt Ion:164 Resp: 1456
Ion Ratio Lower Upper
164 100
166 137.7 104.2 156.2
129 118.9 72.6 108.8#
131 95.8 70.3 105.5

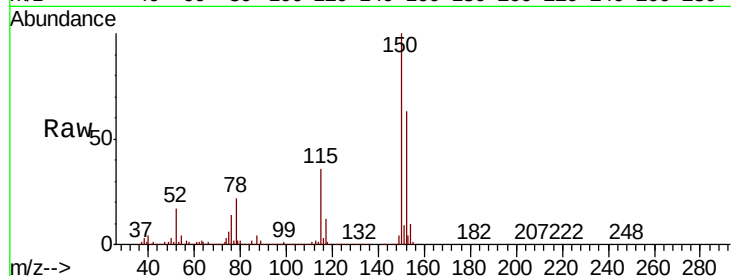




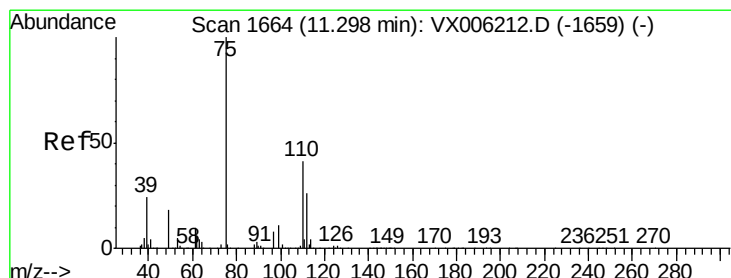
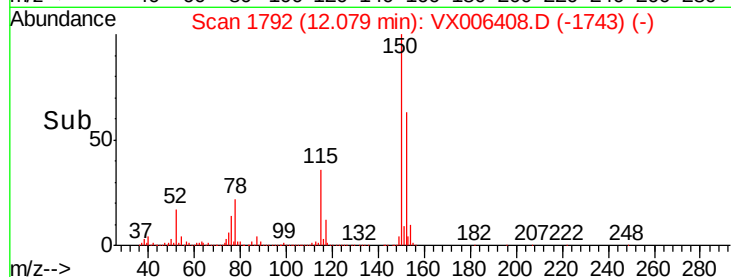
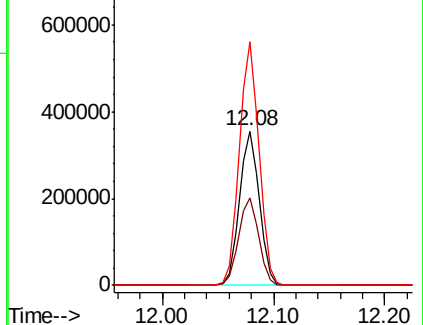
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006408.D
 Acq: 11 Dec 2018 09:05

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP03-20181207

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.2	39.0	116.9
150	156.7	0.0	345.8

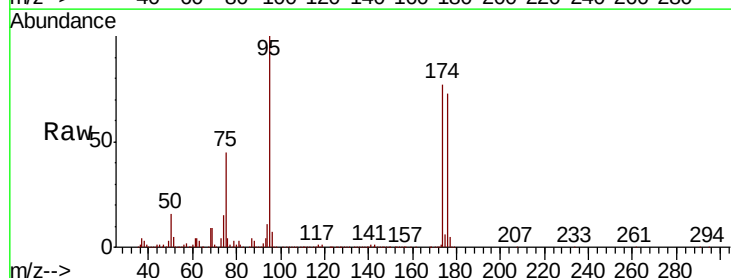


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

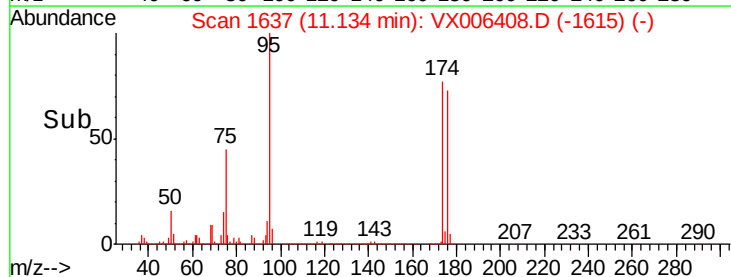
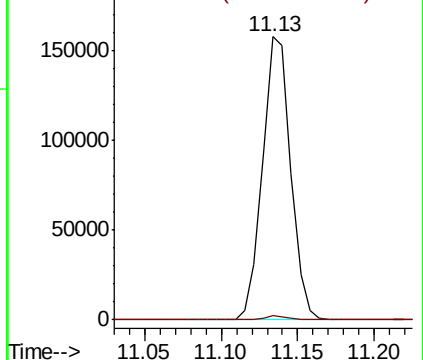


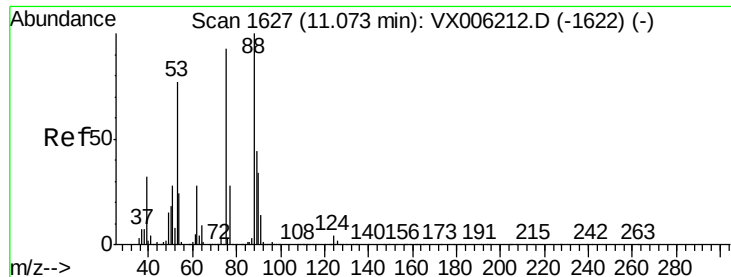
#76
 1,2,3-Trichloropropane
 Concen: 24.233 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006408.D
 Acq: 11 Dec 2018 09:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	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: 56.867 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006408.D

Acq: 11 Dec 2018 09:05

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP03-20181207

Tgt Ion: 75 Resp: 204337

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.1 44.2 66.4#

