

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121218\
 Data File : VX006454.D
 Acq On : 12 Dec 2018 19:19
 Operator : JC/MD
 Sample : J6358-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP06-20181211

Quant Time: Dec 13 06:13:42 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	674901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1054244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	960091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	452448	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	355776	51.64	ug/l	0.00
Spiked Amount			Recovery	=	103.28%	
35) Dibromofluoromethane	5.51	113	318076	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	
50) Toluene-d8	8.71	98	1230773	49.57	ug/l	0.00
Spiked Amount			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.13	95	453979	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	

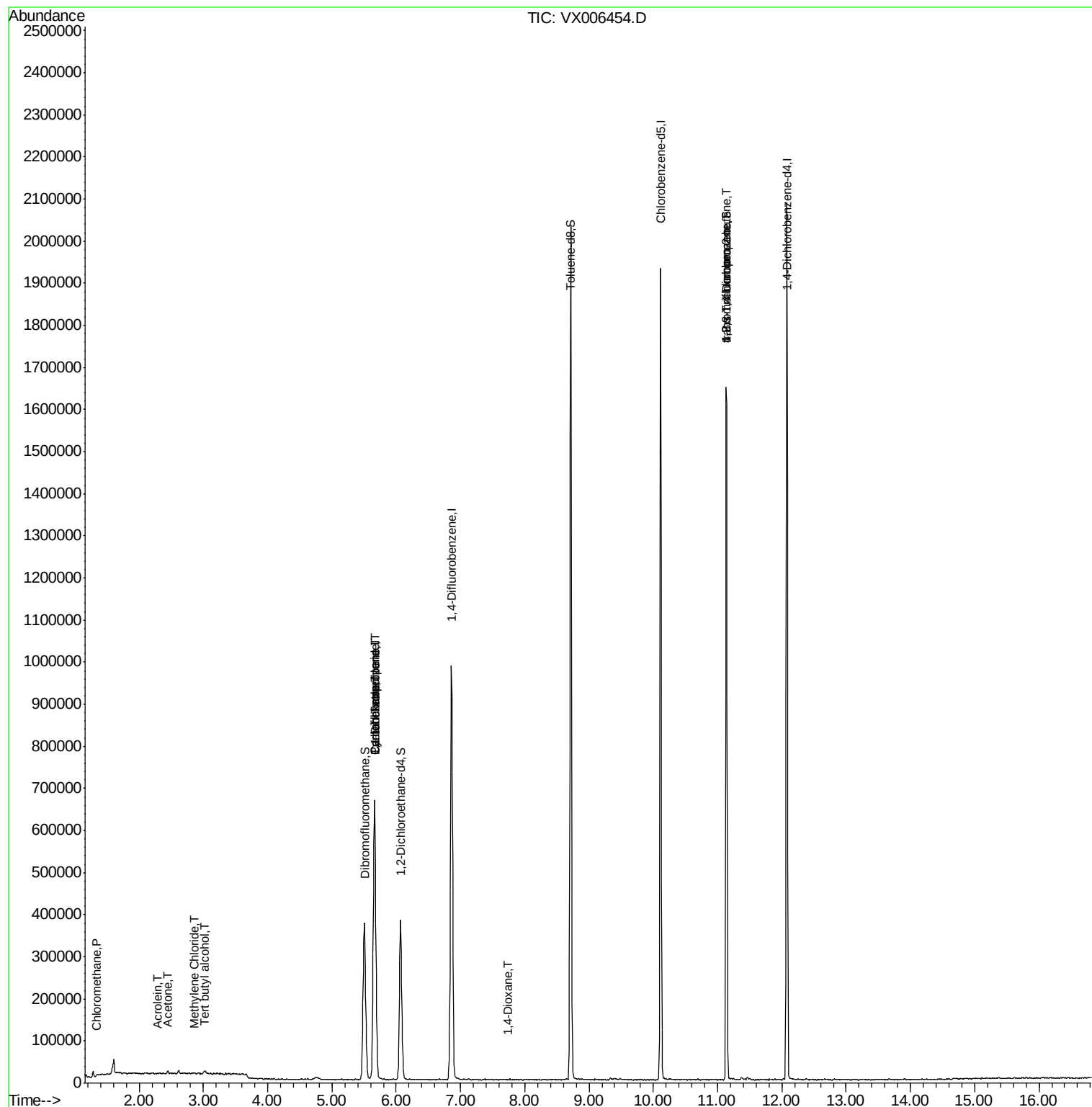
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1500	0.221	ug/l #	35
11) Tert butyl alcohol	3.02	59	4973	2.639	ug/l #	82
13) Acrolein	2.28	56	218	0.212	ug/l #	1
16) Acetone	2.45	43	5961	1.844	ug/l	96
20) Methylene Chloride	2.87	84	1534	0.223	ug/l #	54
31) Cyclohexane	5.67	56	12092	1.215	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	44418	5.003	ug/l #	48
38) Carbon Tetrachloride	5.67	117	64713	6.196	ug/l #	16
49) 1,4-Dioxane	7.74	88	140	0.704	ug/l #	25
76) 1,2,3-Trichloropropane	11.13	75	208290	23.851	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	208290	55.972	ug/l #	15

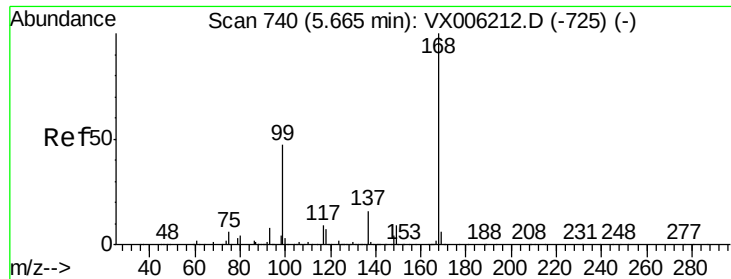
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121218\
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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: VX006454.D

Acq: 12 Dec 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

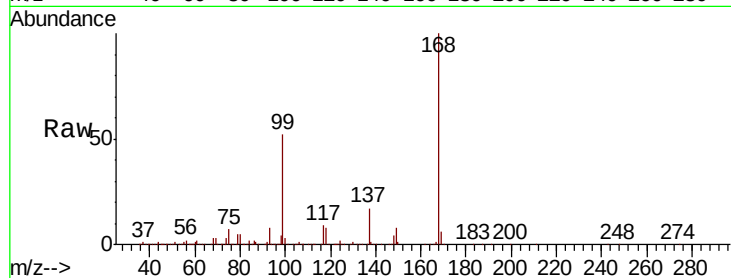
BP-DUP06-20181211

Tot Ion:168 Resp: 674901

Ion Ratio Lower Upper

168 100

99 52.0 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

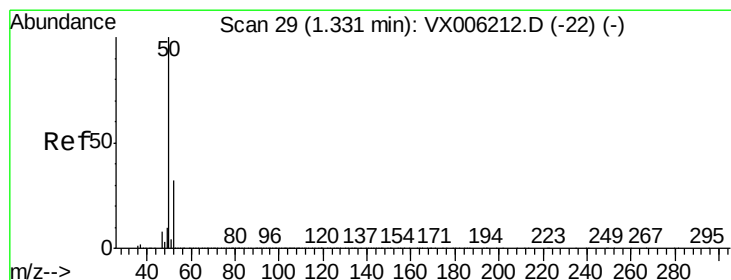
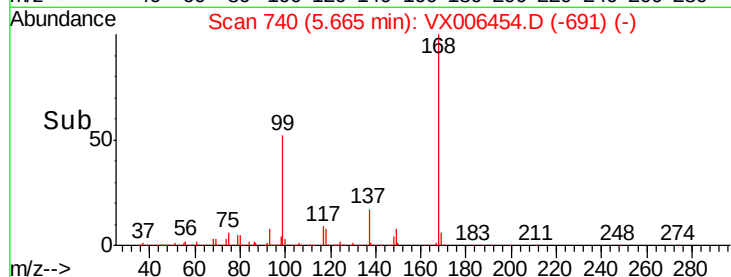
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.221 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006454.D

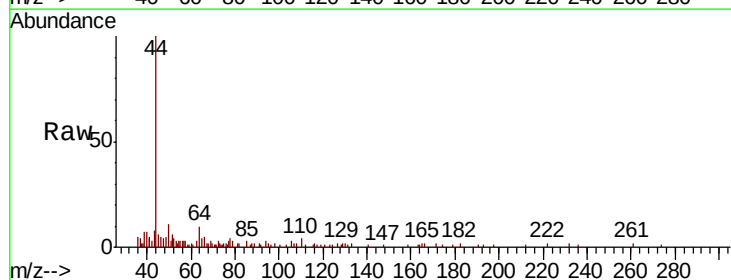
Acq: 12 Dec 2018 19:19

Tgt Ion: 50 Resp: 1500

Ion Ratio Lower Upper

50 100

52 67.6 25.2 37.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

600

500

400

300

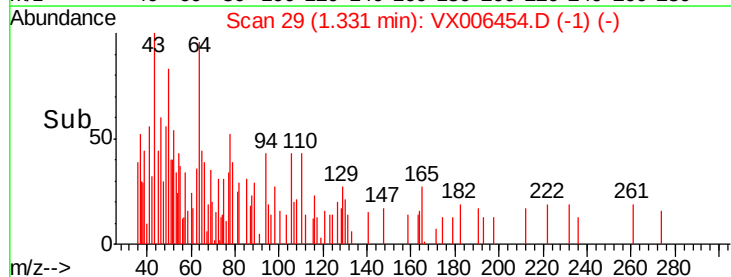
200

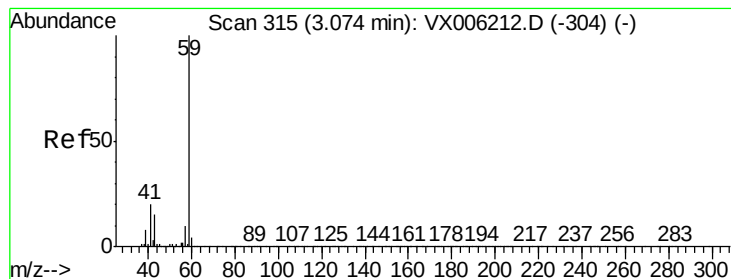
100

0

1.30 1.35 1.40

Time-->



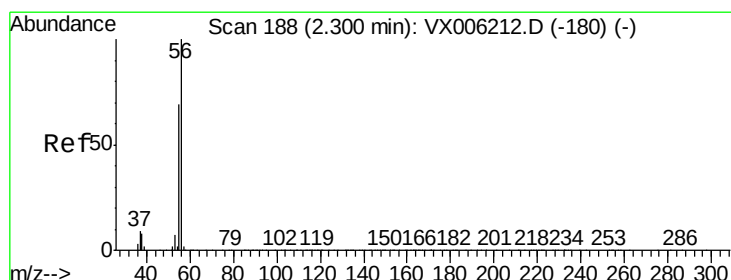
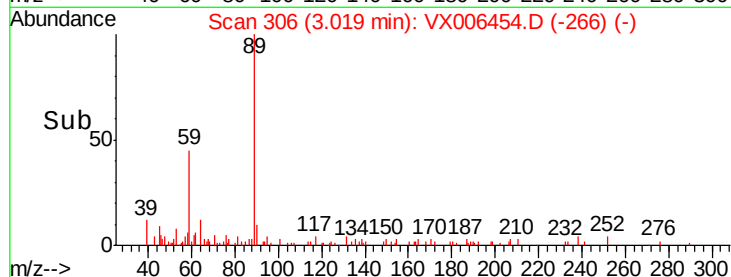
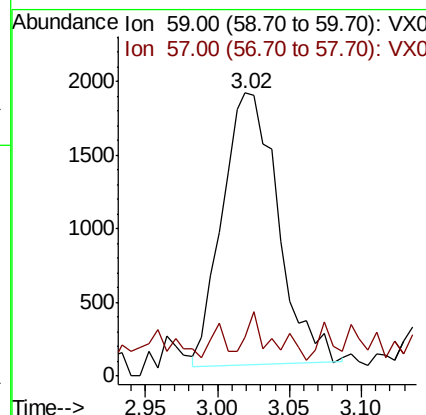
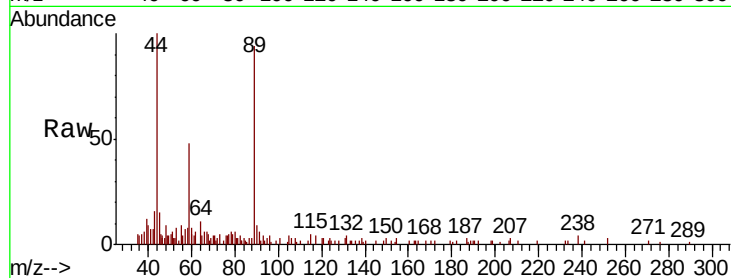


#11

Tert butyl alcohol
 Concen: 2.639 ug/l
 RT: 3.02 min Scan# 306
 Delta R.T. -0.05 min
 Lab File: VX006454.D
 Acq: 12 Dec 2018 19:19

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP06-20181211

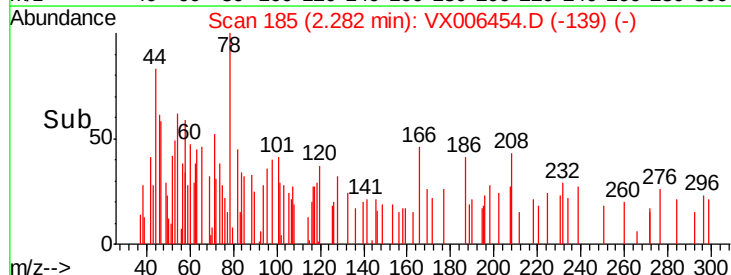
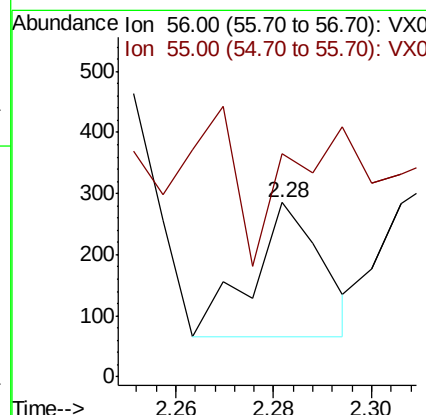
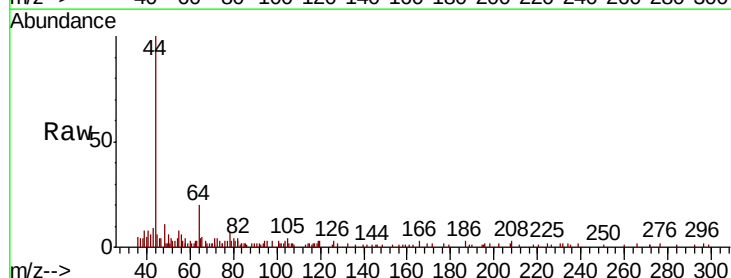
Tot Ion: 59 Resp: 4973
 Ion Ratio Lower Upper
 59 100
 57 3.6 8.2 12.2#

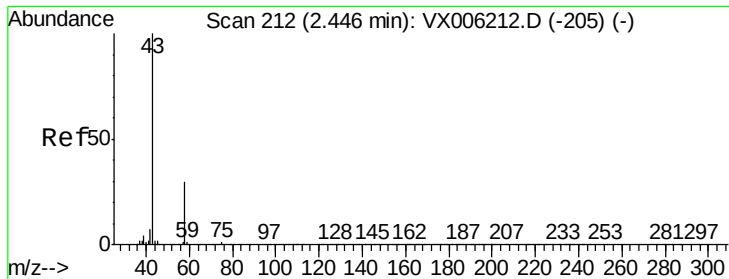


#13

Acrolein
 Concen: 0.212 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. -0.02 min
 Lab File: VX006454.D
 Acq: 12 Dec 2018 19:19

Tgt Ion: 56 Resp: 218
 Ion Ratio Lower Upper
 56 100
 55 225.2 57.8 86.6#

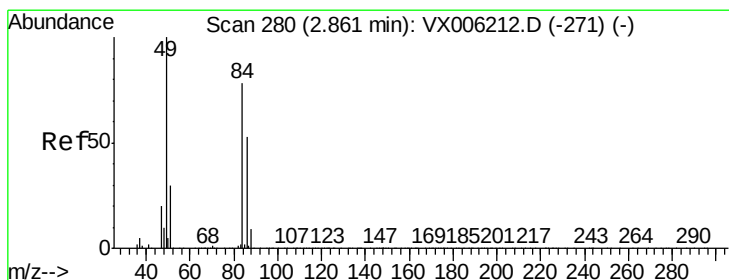
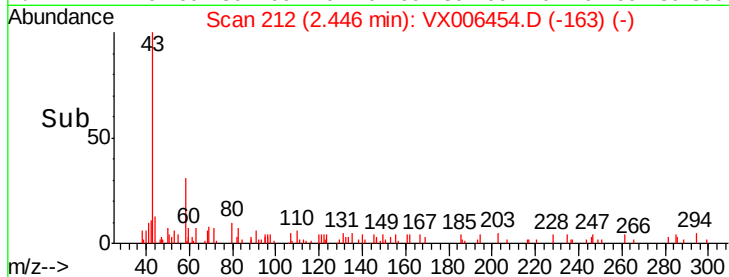
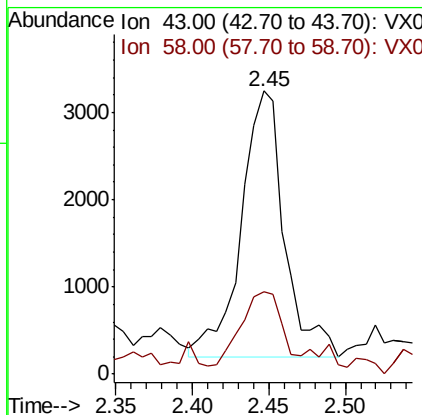
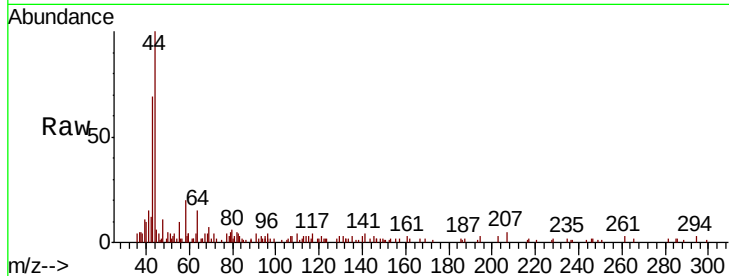




#16
Acetone
Concen: 1.844 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006454.D
Acq: 12 Dec 2018 19:19

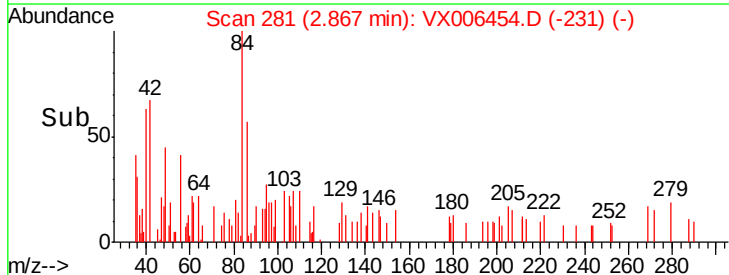
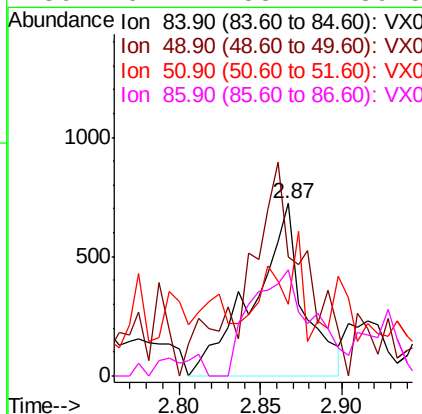
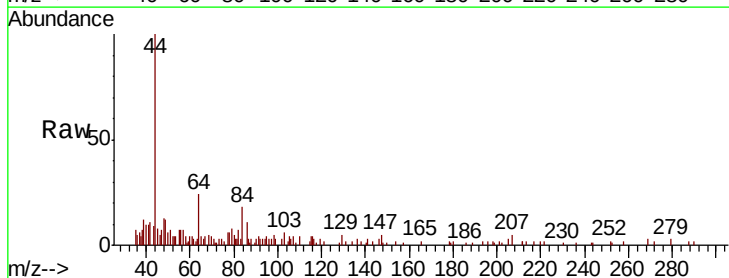
Instrument :
MSVOA_X
ClientSampleId :
BP-DUP06-20181211

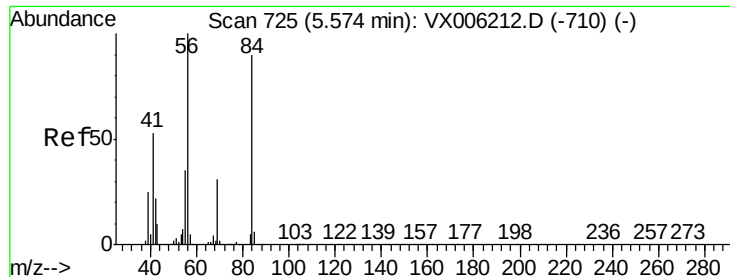
Tot Ion: 43 Resp: 5961
Ion Ratio Lower Upper
43 100
58 27.6 24.0 36.0



#20
Methylene Chloride
Concen: 0.223 ug/l
RT: 2.87 min Scan# 281
Delta R.T. 0.01 min
Lab File: VX006454.D
Acq: 12 Dec 2018 19:19

Tgt Ion: 84 Resp: 1534
Ion Ratio Lower Upper
84 100
49 50.3 102.2 153.4#
51 12.0 31.1 46.7#
86 62.1 53.7 80.5





#31

Cyclohexane

Concen: 1.215 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX006454.D

Acq: 12 Dec 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP06-20181211

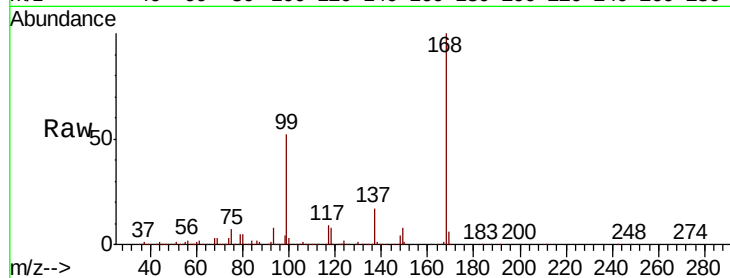
Tot Ion: 56 Resp: 12092

Ion Ratio Lower Upper

56 100

69 180.0 24.5 36.7#

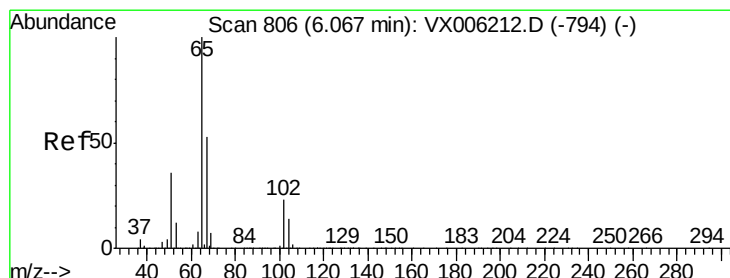
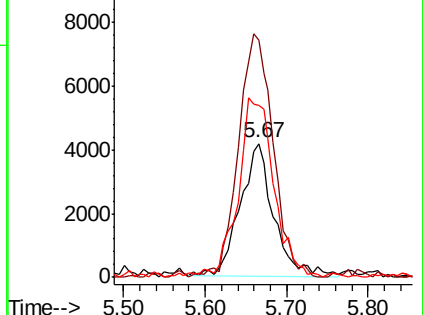
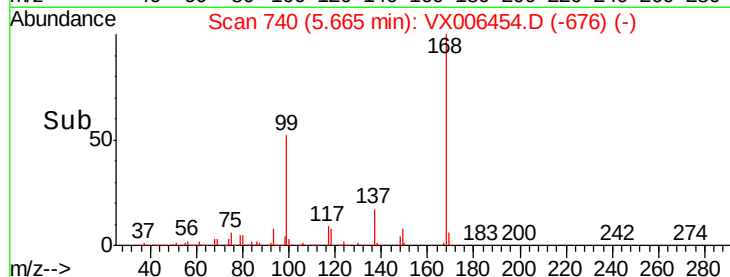
84 128.0 71.8 107.6#



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: 51.639 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006454.D

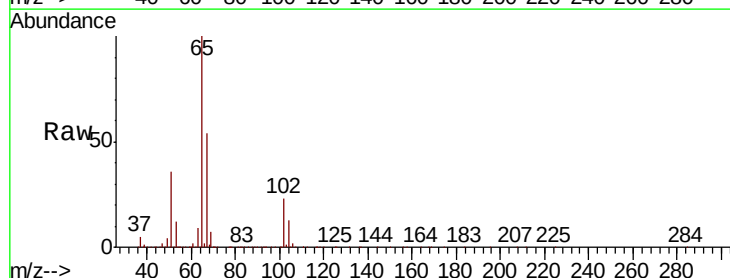
Acq: 12 Dec 2018 19:19

Tgt Ion: 65 Resp: 355776

Ion Ratio Lower Upper

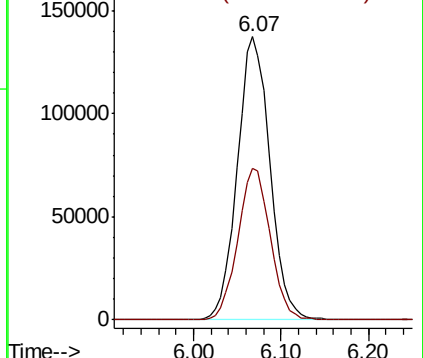
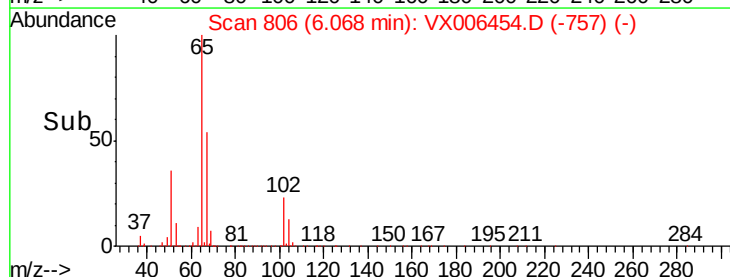
65 100

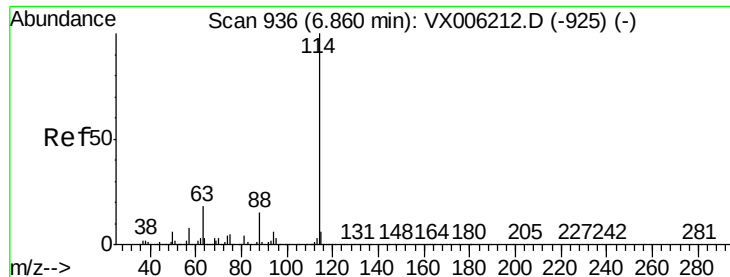
67 52.9 0.0 107.2



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: VX006454.D

Acq: 12 Dec 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP06-20181211

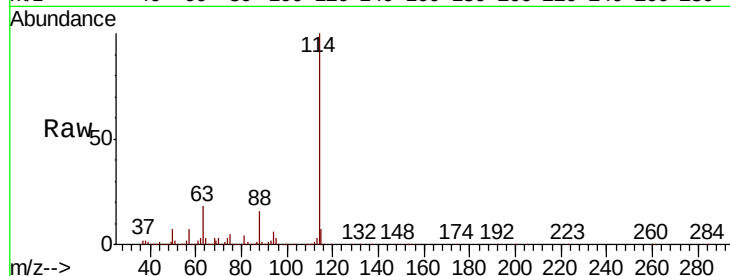
Tot Ion:114 Resp: 1054244

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.6

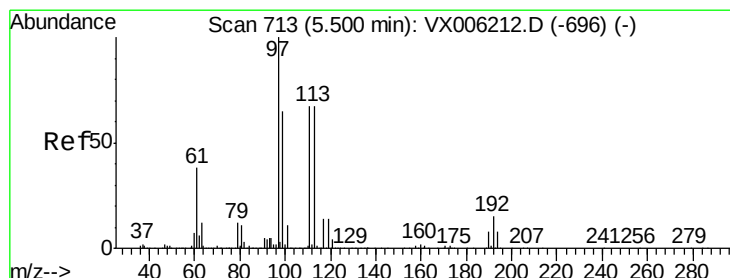
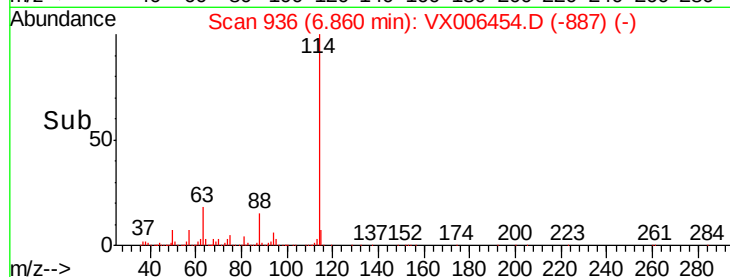
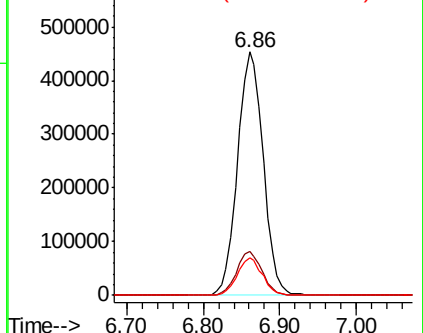
88 15.5 0.0 29.0



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: 46.599 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006454.D

Acq: 12 Dec 2018 19:19

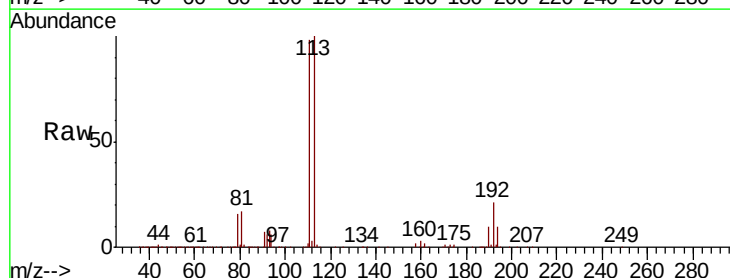
Tgt Ion:113 Resp: 318076

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

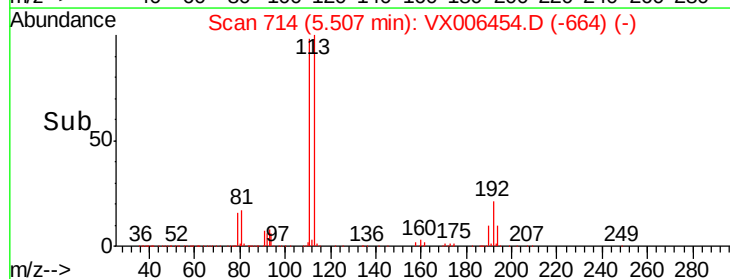
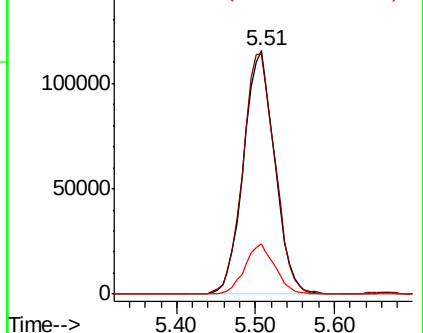
192 19.9 18.2 27.2

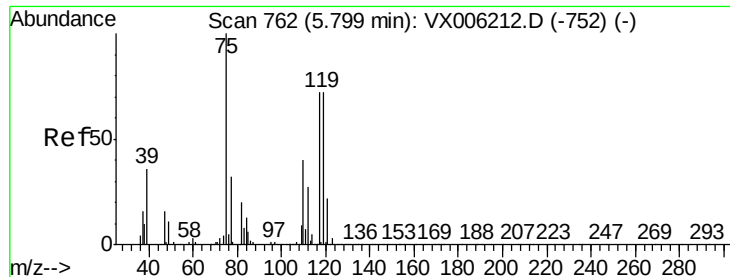


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.003 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006454.D

Acq: 12 Dec 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP06-20181211

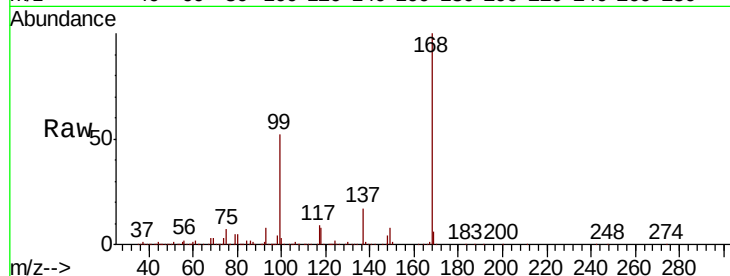
Tot Ion: 75 Resp: 44418

Ion Ratio Lower Upper

75 100

110 10.6 20.4 61.3#

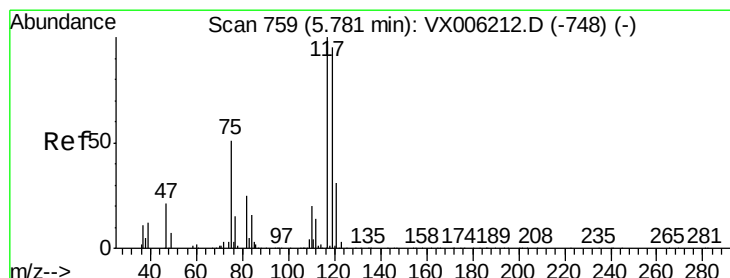
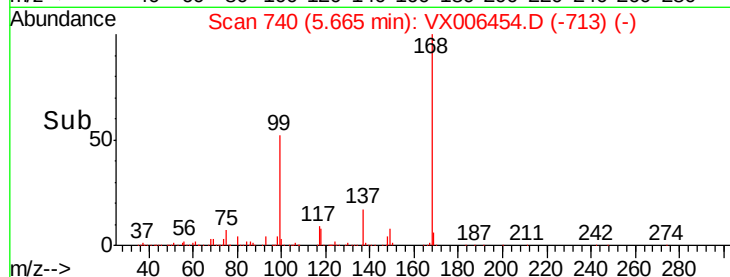
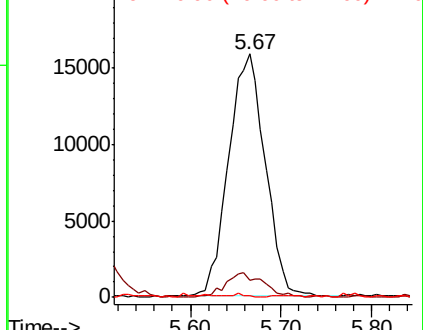
77 0.6 24.9 37.3#



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: 6.196 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006454.D

Acq: 12 Dec 2018 19:19

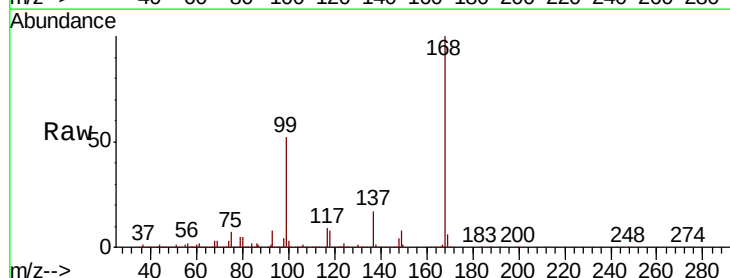
Tgt Ion: 117 Resp: 64713

Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.8#

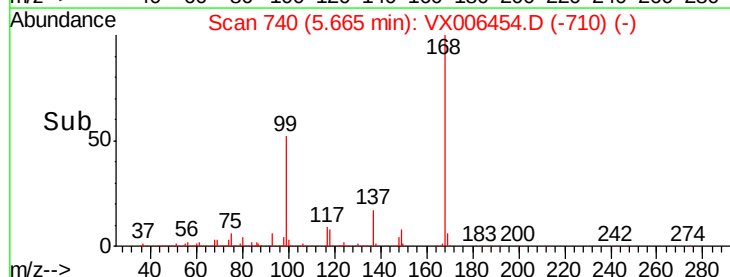
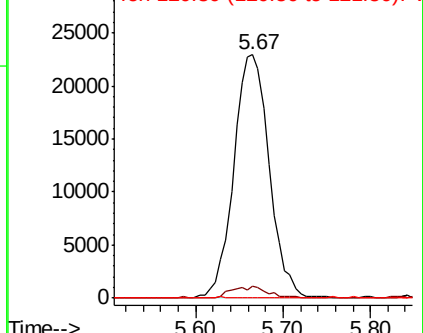
121 0.3 24.6 37.0#

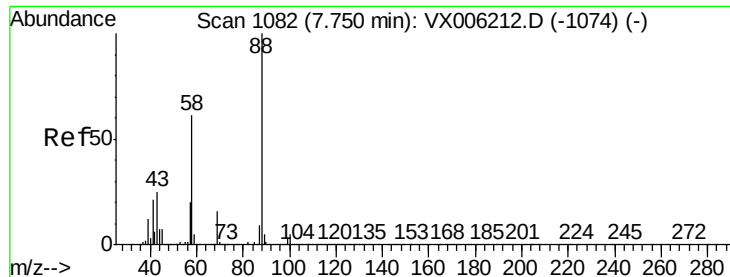


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 0.704 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX006454.D

Acq: 12 Dec 2018 19:19

Instrument :

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ClientSampleId :

BP-DUP06-20181211

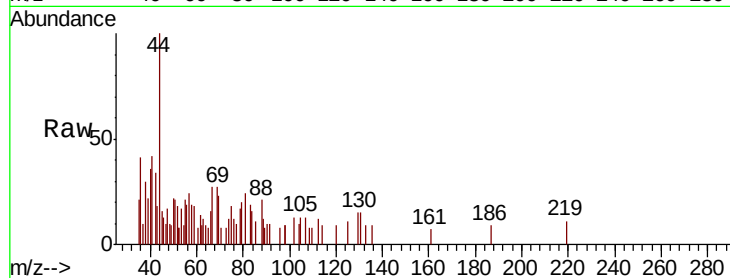
Tot Ion: 88 Resp: 140

Ion Ratio Lower Upper

88 100

43 61.4 23.2 34.8#

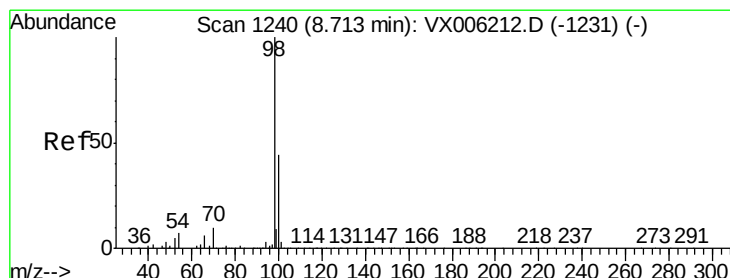
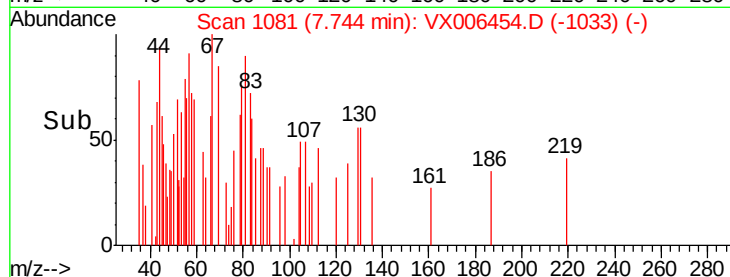
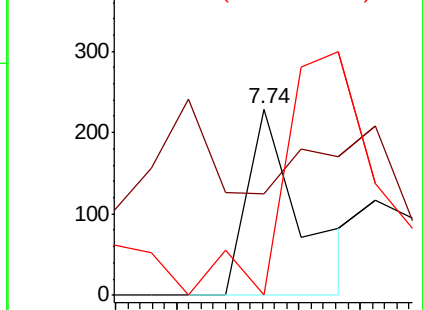
58 0.0 51.4 77.0#



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: 49.571 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006454.D

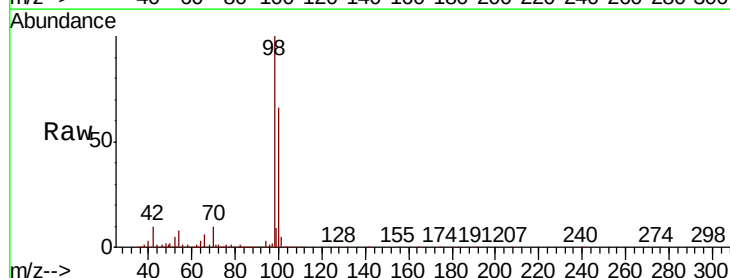
Acq: 12 Dec 2018 19:19

Tgt Ion: 98 Resp: 1230773

Ion Ratio Lower Upper

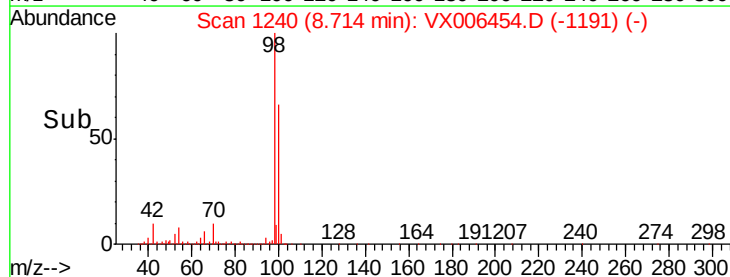
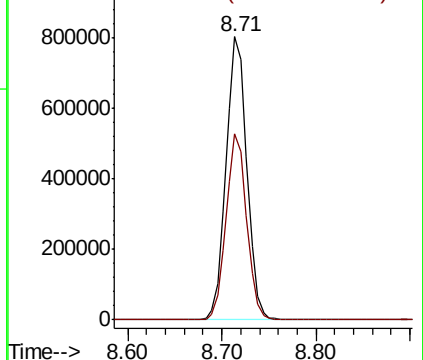
98 100

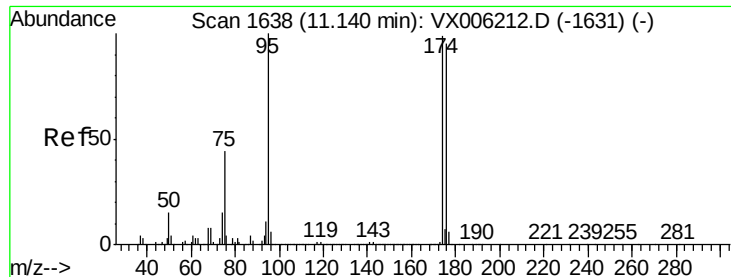
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.523 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006454.D

Acq: 12 Dec 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP06-20181211

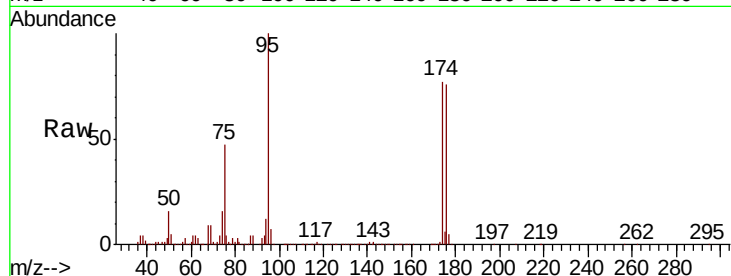
Tot Ion: 95 Resp: 453979

Ion Ratio Lower Upper

95 100

174 84.6 0.0 187.0

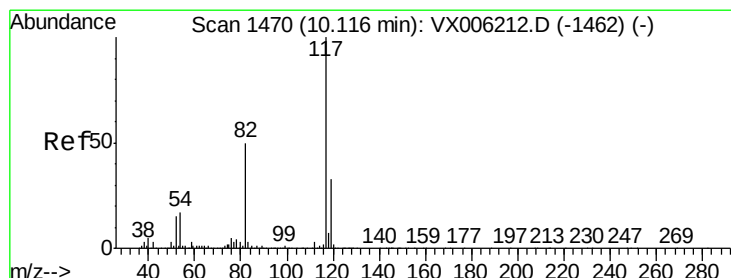
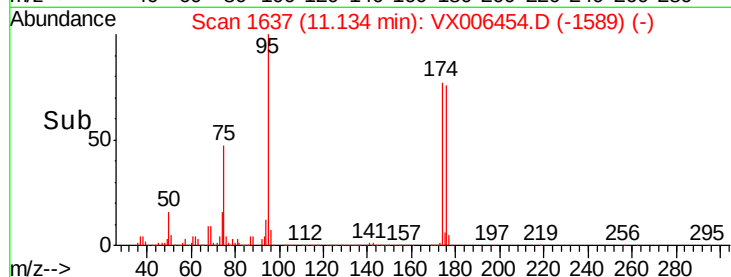
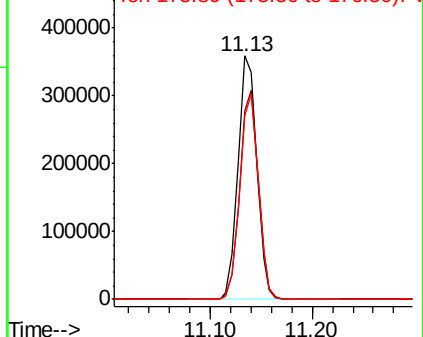
176 83.2 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006454.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006454.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006454.D (-1589) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006454.D

Acq: 12 Dec 2018 19:19

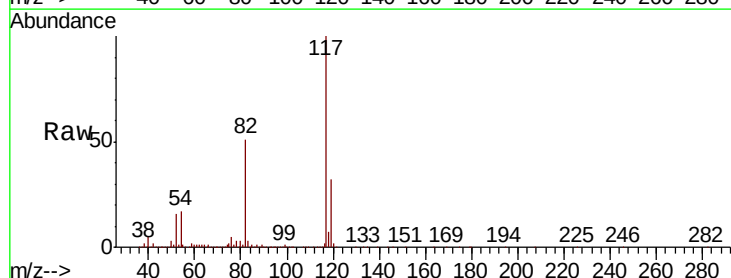
Tgt Ion: 117 Resp: 960091

Ion Ratio Lower Upper

117 100

82 51.2 39.6 59.4

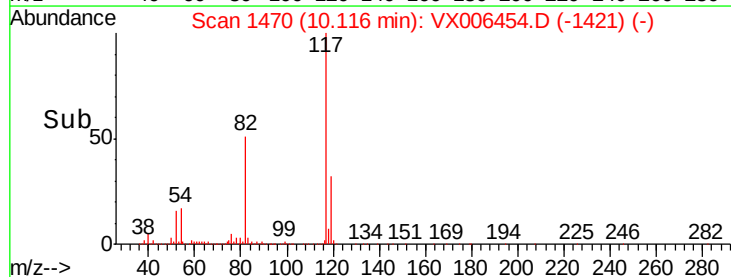
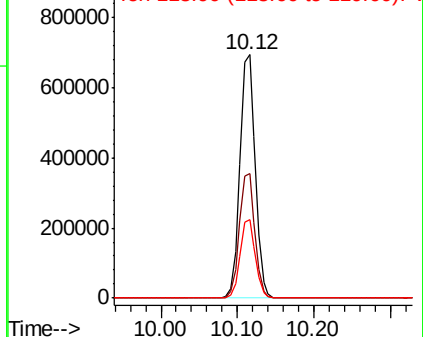
119 32.3 26.3 39.5

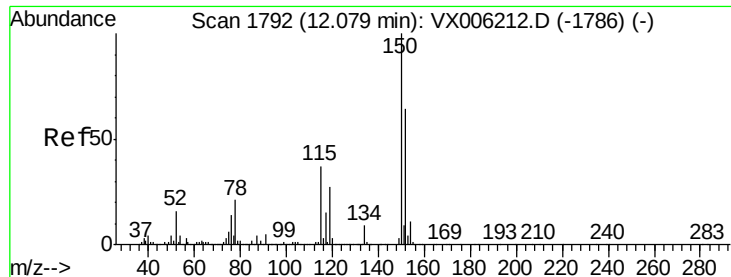


Abundance Ion 116.90 (116.60 to 117.60): VX006454.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006454.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006454.D (-1421) (-)

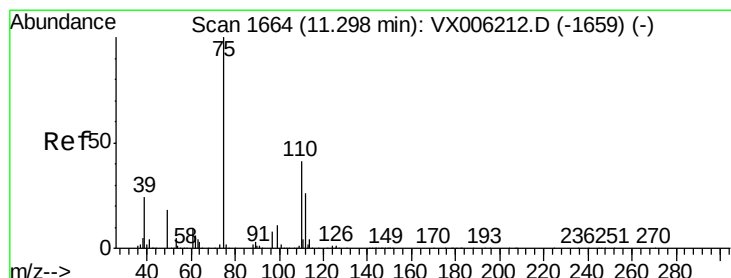
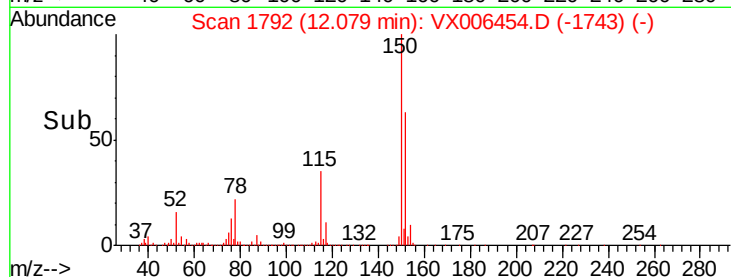
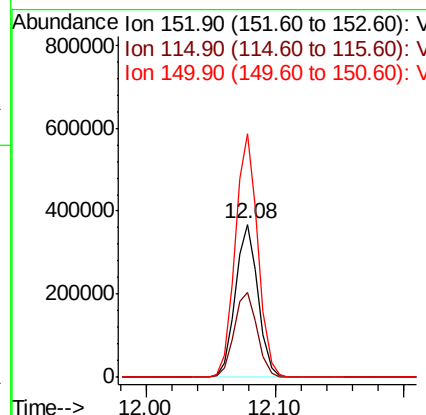
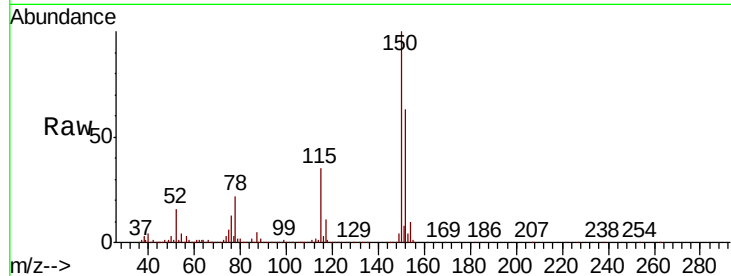




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX006454.D
 Acq: 12 Dec 2018 19:19

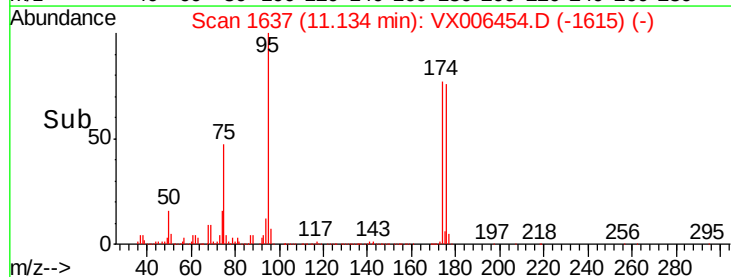
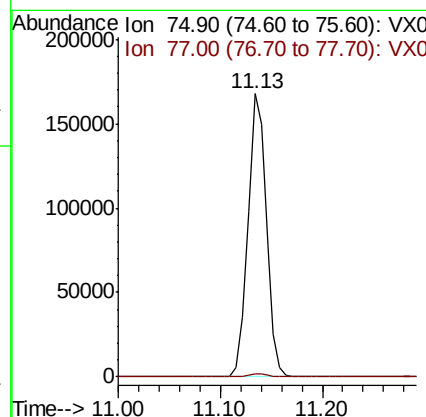
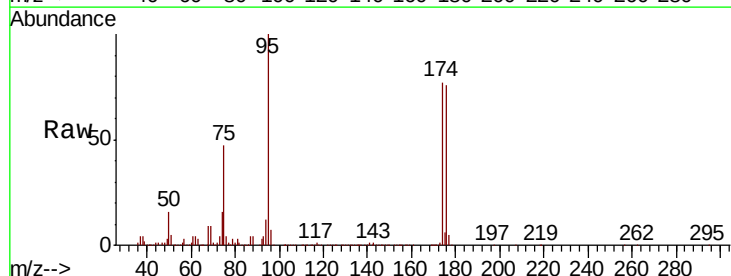
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-DUP06-20181211

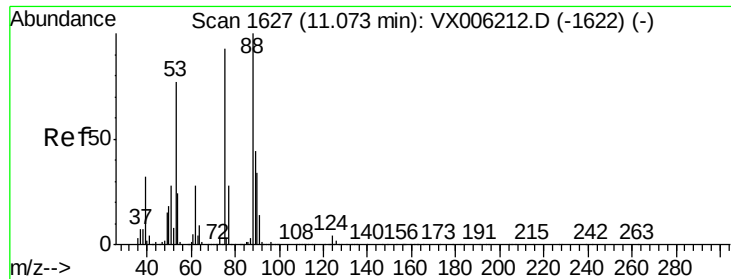
Tot Ion	Ratio	Lower	Upper
152	100		
115	57.3	39.0	116.9
150	158.9	0.0	345.8



#76
 1,2,3-Trichloropropane
 Concen: 23.851 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX006454.D
 Acq: 12 Dec 2018 19:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.9	59.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 55.972 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006454.D

Acq: 12 Dec 2018 19:19

Instrument :

MSVOA_X

ClientSampleId :

BP-DUP06-20181211

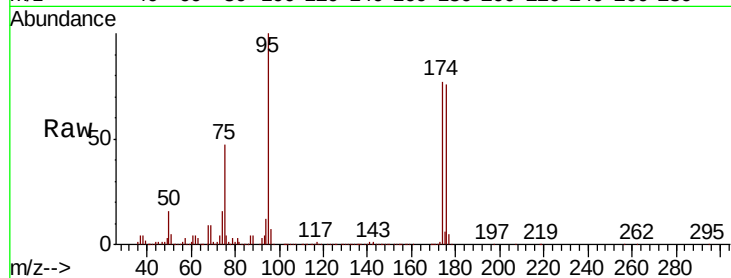
Tot Ion: 75 Resp: 208290

Ion Ratio Lower Upper

75 100

53 0.2 64.4 96.6#

89 0.1 44.2 66.4#



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

