

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006369.D
 Acq On : 10 Dec 2018 14:52
 Operator : JC/MD
 Sample : J6332-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 11 03:57:14 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	5.66	168	803399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1202506	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1081982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	519743	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	391761	47.77	ug/l	0.00
Spiked Amount			Recovery	=	95.54%	
35) Dibromofluoromethane	5.51	113	374453	48.09	ug/l	0.00
Spiked Amount			Recovery	=	96.18%	
50) Toluene-d8	8.71	98	1394827	49.25	ug/l	0.00
Spiked Amount			Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	512224	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	

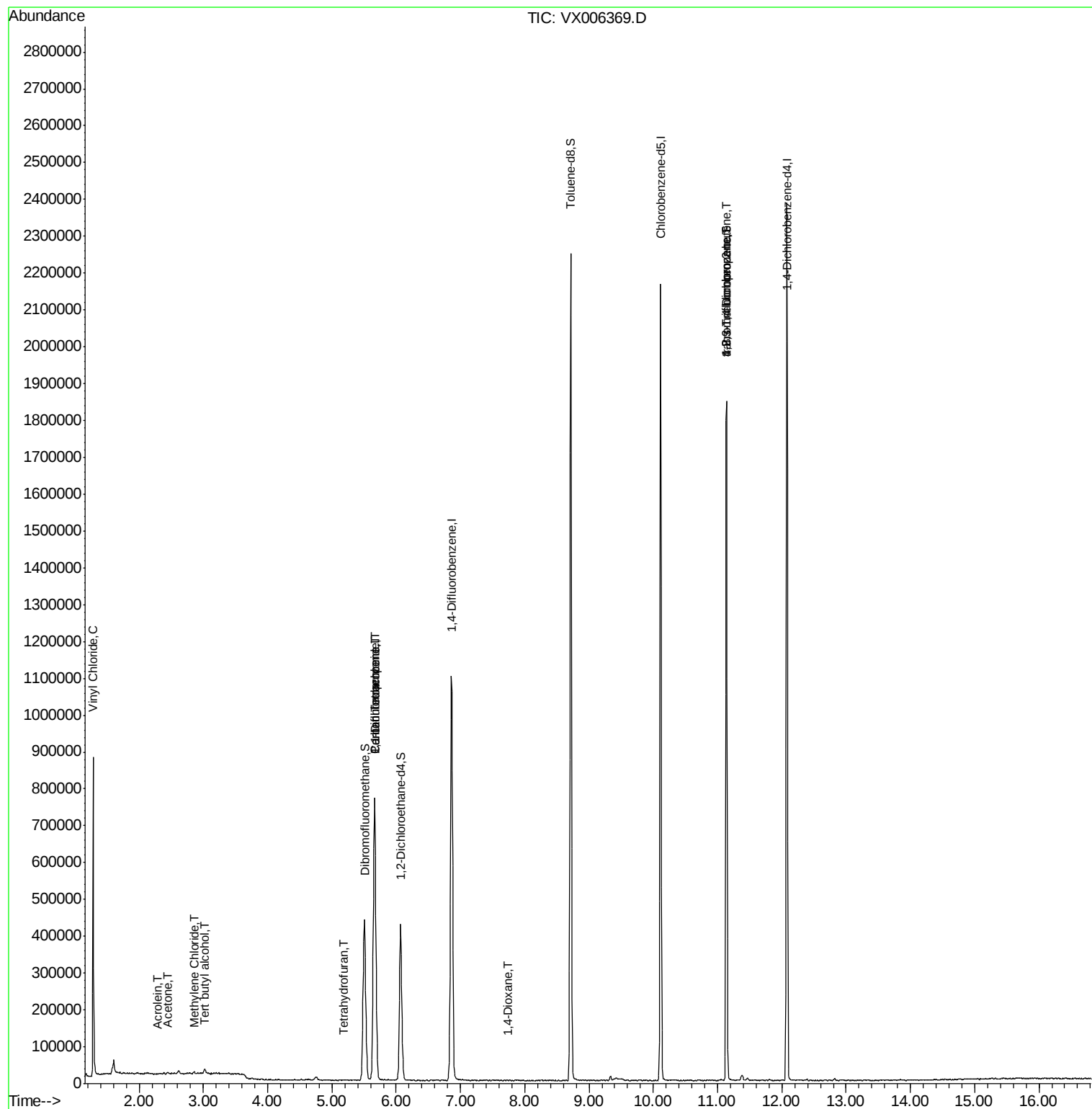
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.28	62	8318	0.956	ug/l #	35
11) Tert butyl alcohol	3.03	59	7447	3.320	ug/l #	81
13) Acrolein	2.29	56	478	0.390	ug/l #	61
16) Acetone	2.44	43	5097	1.324	ug/l	90
20) Methylene Chloride	2.86	84	2466	0.301	ug/l #	71
29) Tetrahydrofuran	5.17	42	968	0.254	ug/l #	57
36) 1,1-Dichloropropene	5.66	75	50365	4.974	ug/l #	49
38) Carbon Tetrachloride	5.66	117	72985	6.127	ug/l #	17
49) 1,4-Dioxane	7.74	88	47	0.207	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	232556	23.182	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	232556	54.401	ug/l #	15

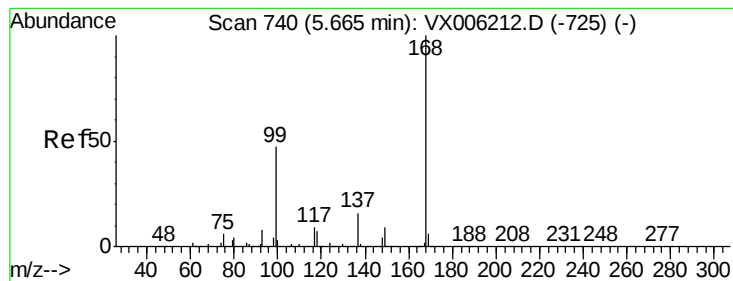
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX121018\
Data File : VX006369.D
Acq On : 10 Dec 2018 14:52
Operator : JC/MD
Sample : J6332-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Dec 11 03:57:14 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: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006369.D

Acq: 10 Dec 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

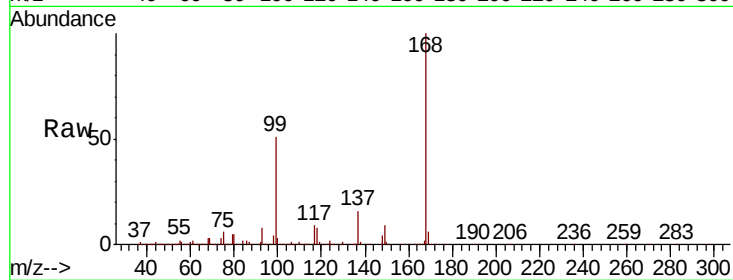
STORAGE-BLANK-WATER-REF-5

Tot Ion:168 Resp: 803399

Ion Ratio Lower Upper

168 100

99 50.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

300000

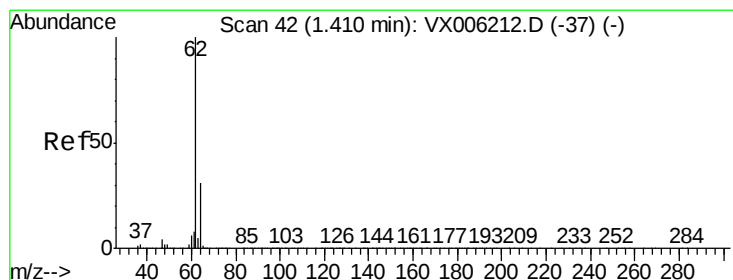
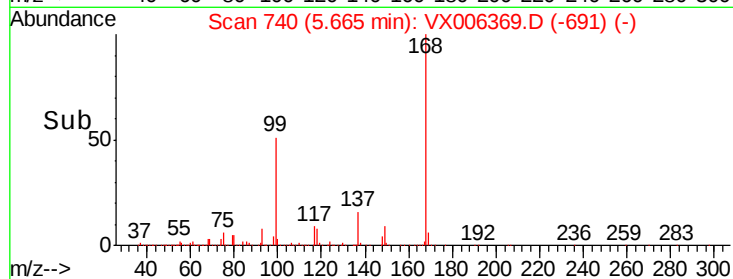
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.956 ug/l

RT: 1.28 min Scan# 21

Delta R.T. -0.13 min

Lab File: VX006369.D

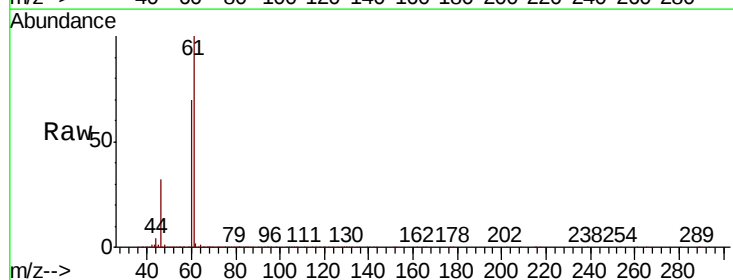
Acq: 10 Dec 2018 14:52

Tgt Ion: 62 Resp: 8318

Ion Ratio Lower Upper

62 100

64 66.6 24.9 37.3#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.28

8000

6000

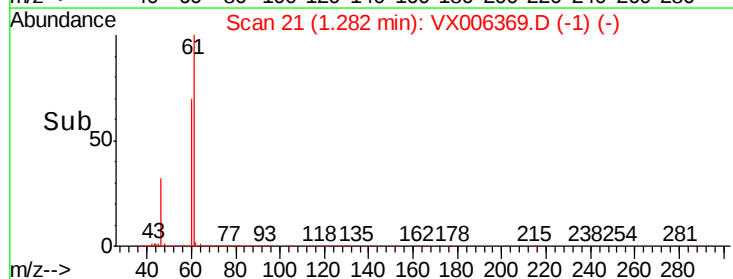
4000

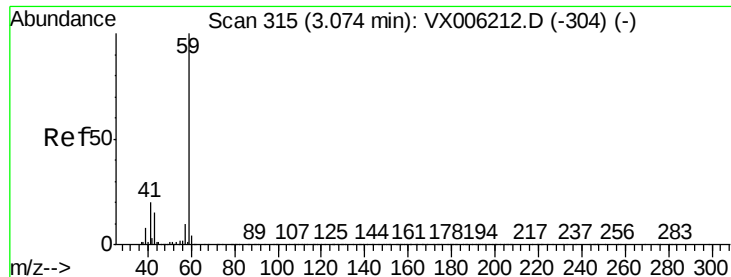
2000

0

Time-->

1.25 1.30



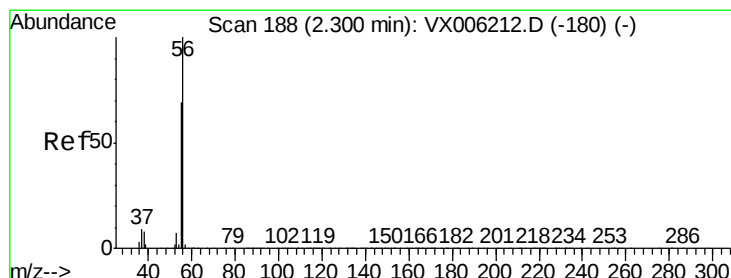
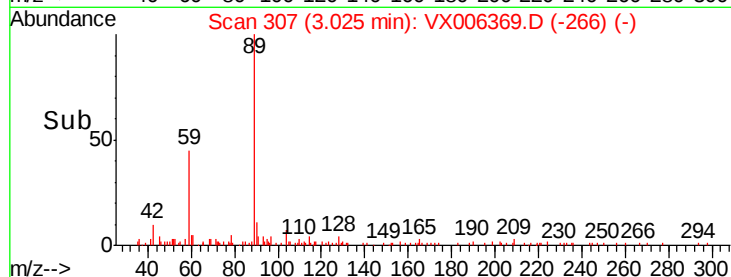
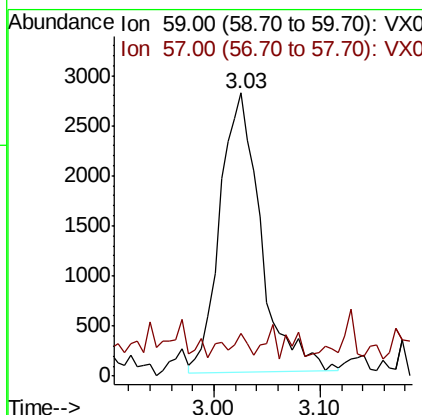
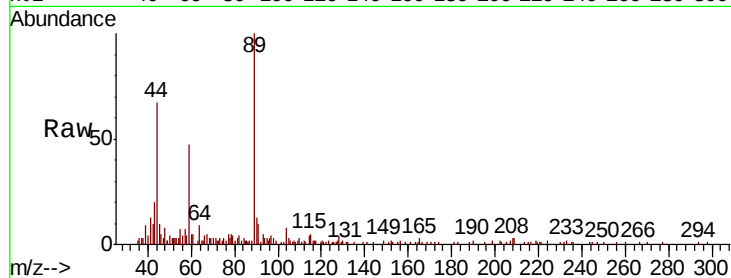


#11

Tert butvl alcohol
Concen: 3.320 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX006369.D
Acq: 10 Dec 2018 14:52

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

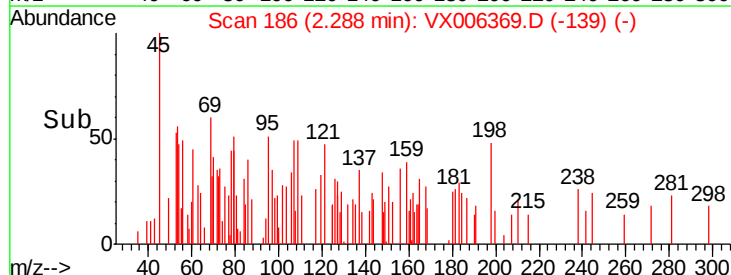
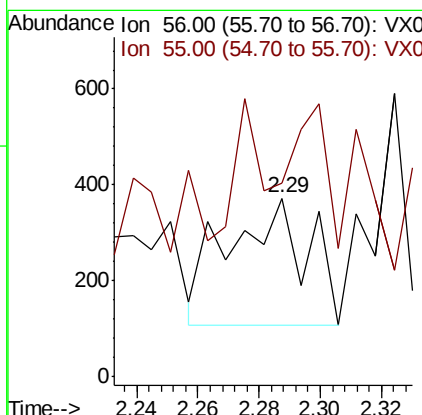
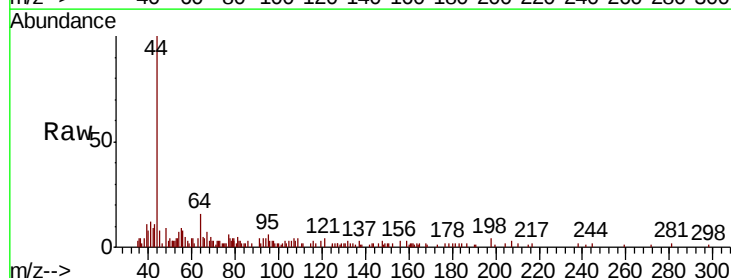
Tot Ion: 59 Resp: 7447
Ion Ratio Lower Upper
59 100
57 3.2 8.2 12.2#

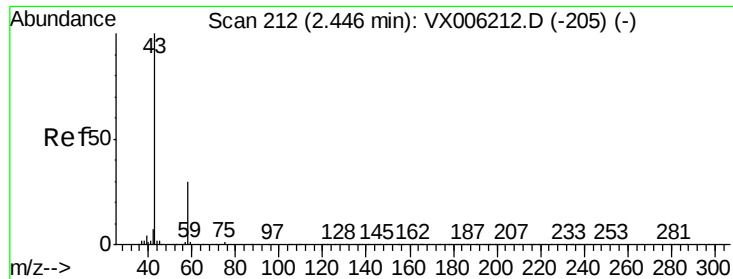


#13

Acrolein
Concen: 0.390 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX006369.D
Acq: 10 Dec 2018 14:52

Tgt Ion: 56 Resp: 478
Ion Ratio Lower Upper
56 100
55 40.0 57.8 86.6#





#16

Acetone

Concen: 1.324 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX006369.D

Acq: 10 Dec 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

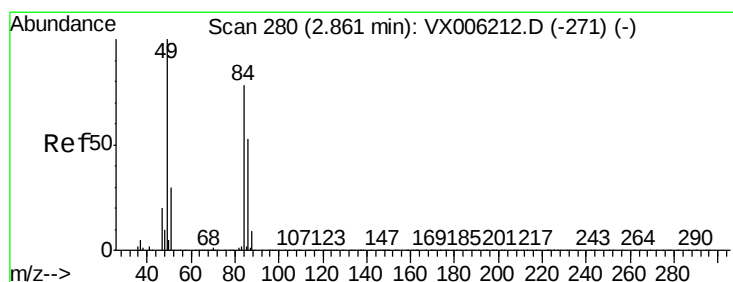
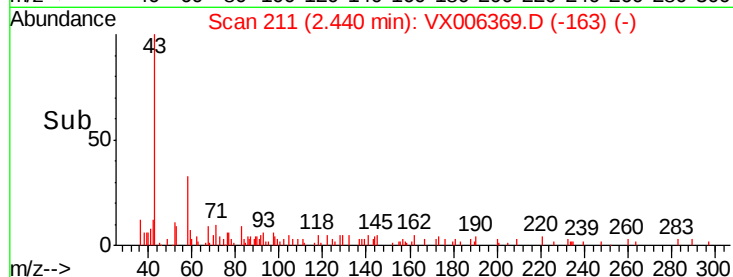
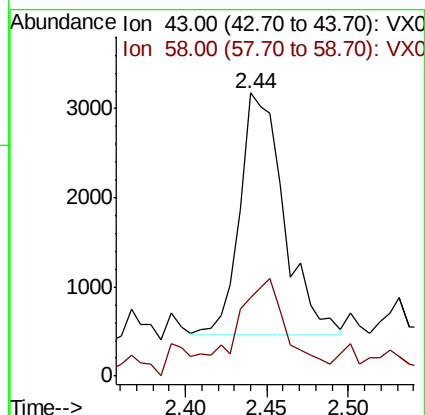
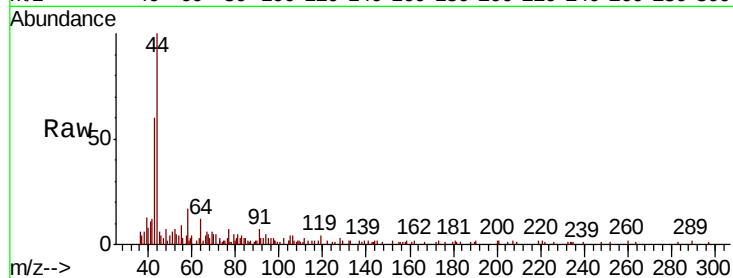
STORAGE-BLANK-WATER-REF-5

Tot Ion: 43 Resp: 5097

Ion Ratio Lower Upper

43 100

58 24.5 24.0 36.0



#20

Methylene Chloride

Concen: 0.301 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX006369.D

Acq: 10 Dec 2018 14:52

Tgt Ion: 84 Resp: 2466

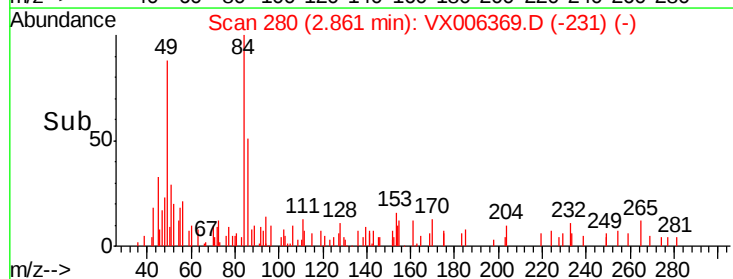
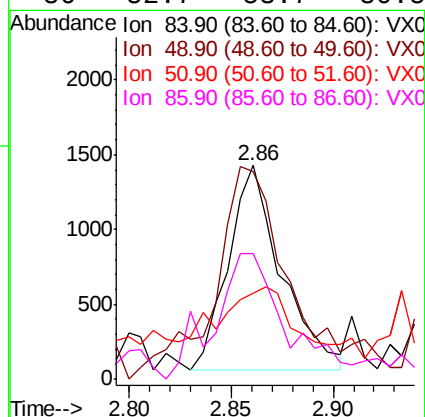
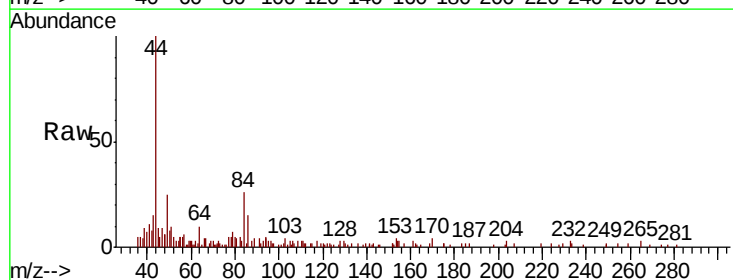
Ion Ratio Lower Upper

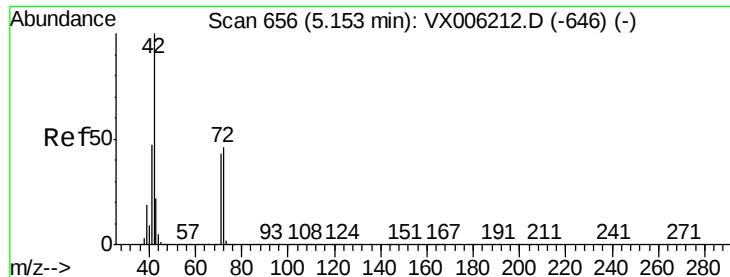
84 100

49 87.9 102.2 153.4#

51 21.2 31.1 46.7#

86 52.7 53.7 80.5#





#29

Tetrahydrofuran

Concen: 0.254 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX006369.D

Acq: 10 Dec 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

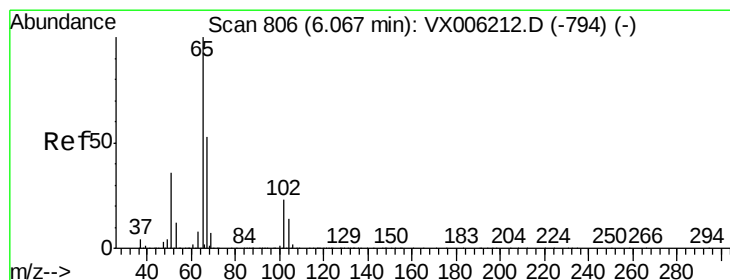
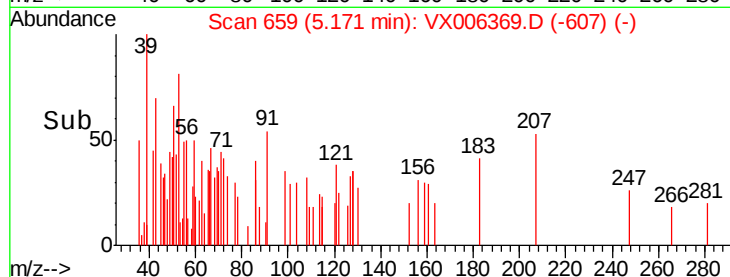
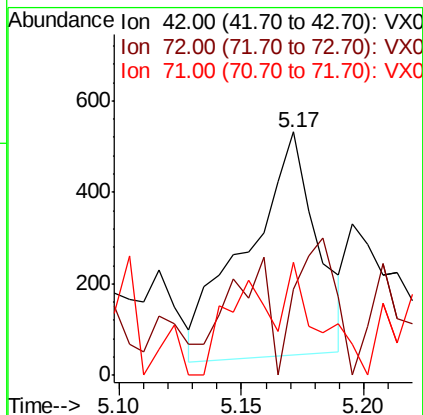
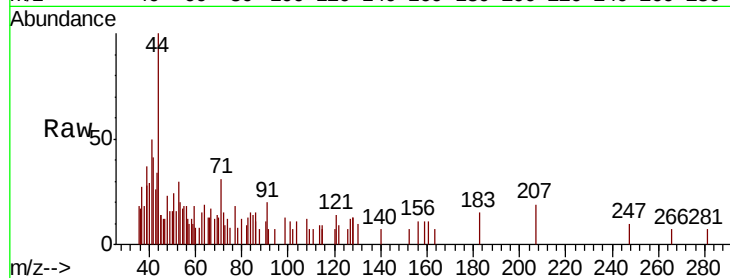
Tot Ion: 42 Resp: 968

Ion Ratio Lower Upper

42 100

72 34.7 37.8 56.8#

71 0.0 35.2 52.8#



#33

1,2-Dichloroethane-d4

Concen: 47.767 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006369.D

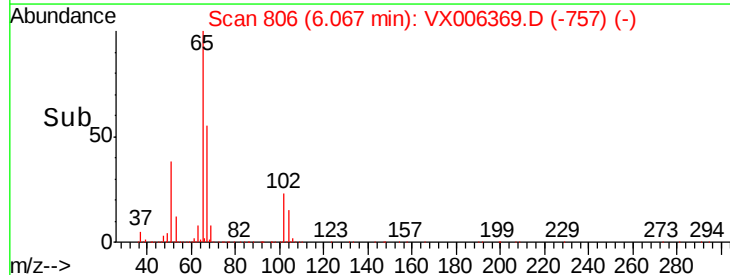
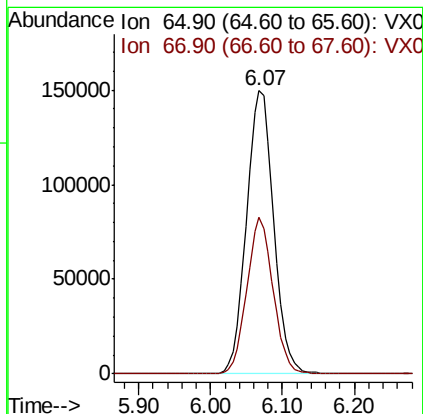
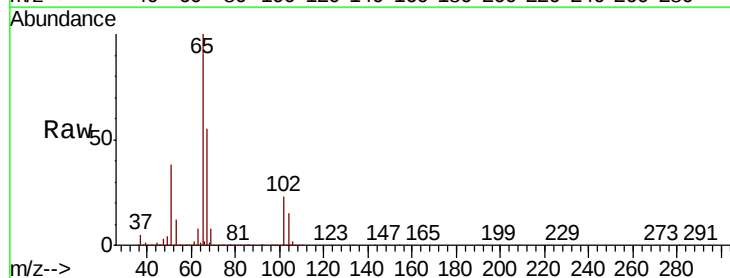
Acq: 10 Dec 2018 14:52

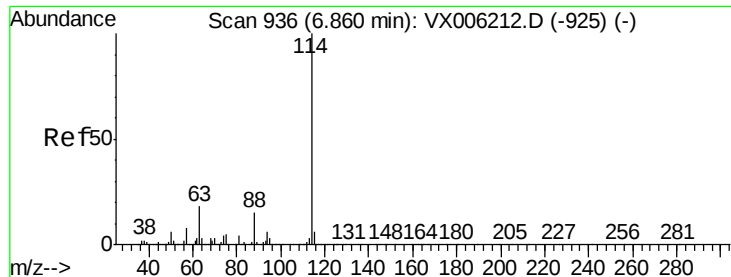
Tgt Ion: 65 Resp: 391761

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: VX006369.D

Acq: 10 Dec 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

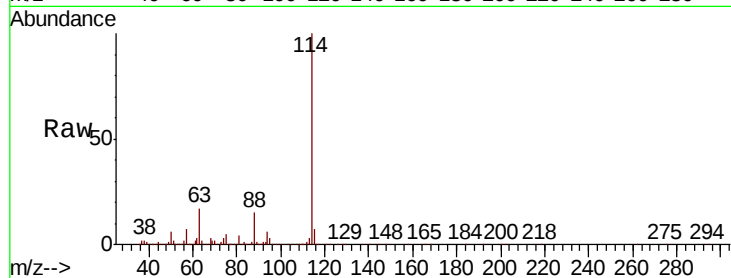
Tot Ion:114 Resp: 1202506

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

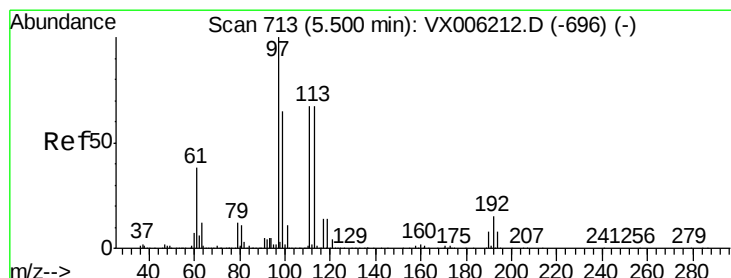
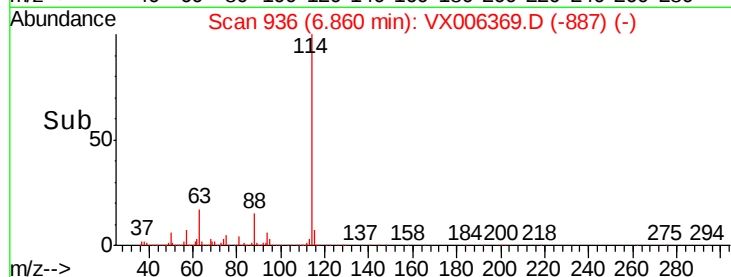
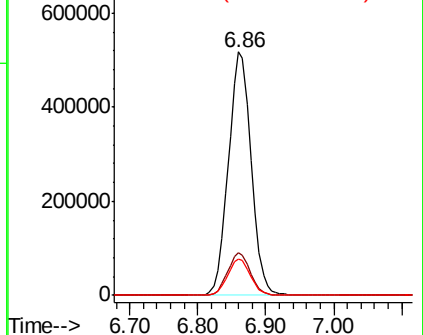
88 15.0 0.0 29.0



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: 48.095 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006369.D

Acq: 10 Dec 2018 14:52

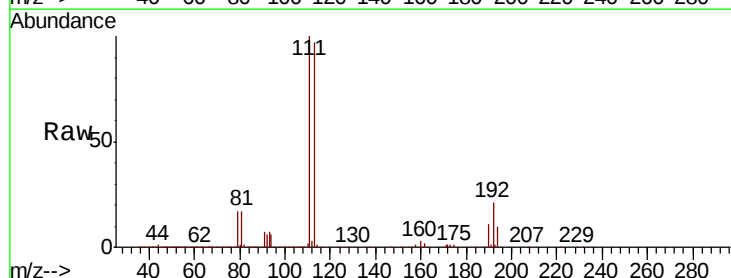
Tgt Ion:113 Resp: 374453

Ion Ratio Lower Upper

113 100

111 103.3 81.1 121.7

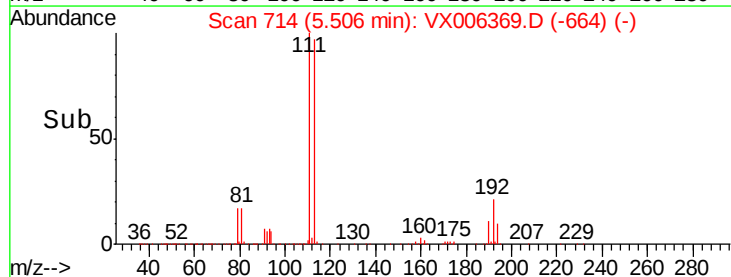
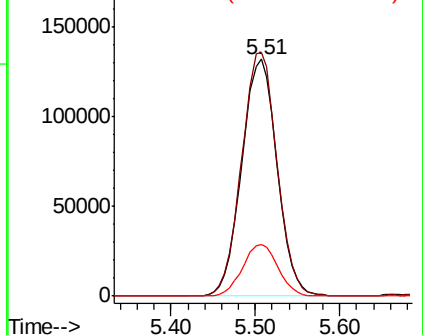
192 22.1 18.2 27.2

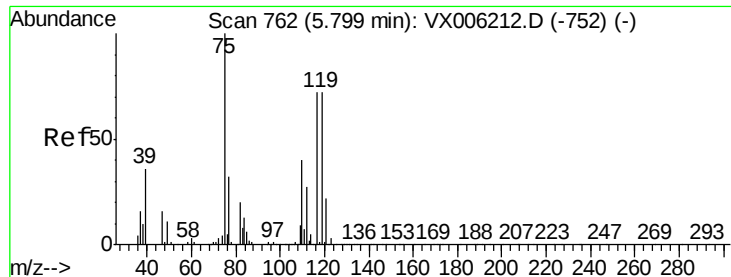


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.974 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006369.D

Acq: 10 Dec 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

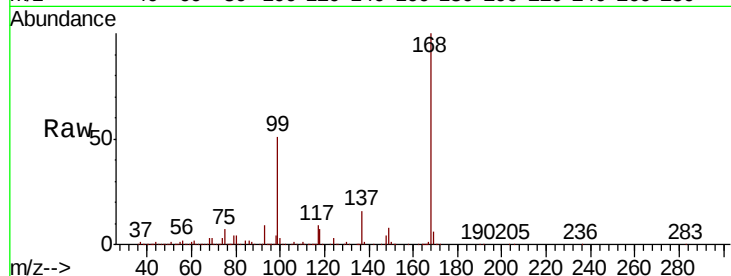
Tot Ion: 75 Resp: 50365

Ion Ratio Lower Upper

75 100

110 11.6 20.4 61.3#

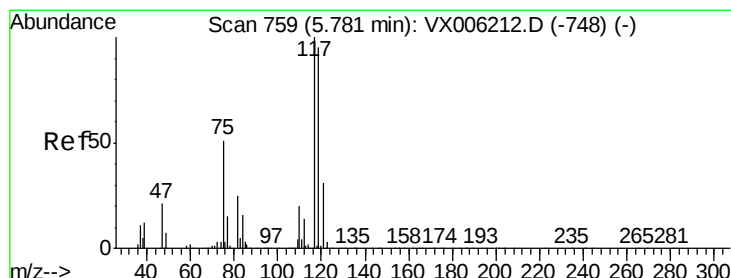
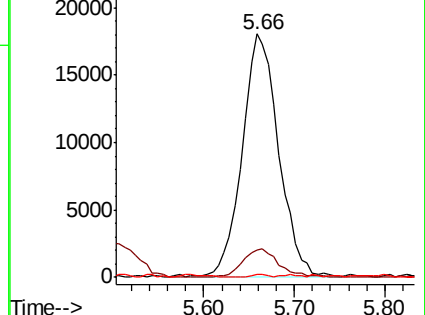
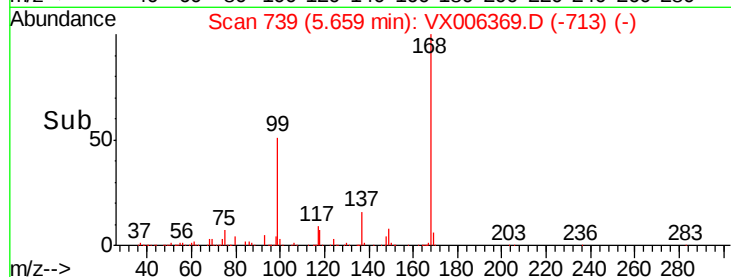
77 0.5 24.9 37.3#



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: 6.127 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006369.D

Acq: 10 Dec 2018 14:52

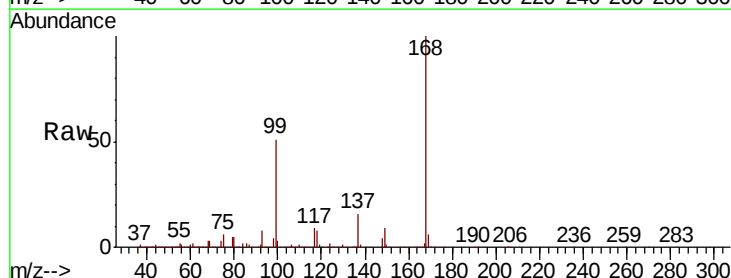
Tgt Ion: 117 Resp: 72985

Ion Ratio Lower Upper

117 100

119 6.0 75.8 113.8#

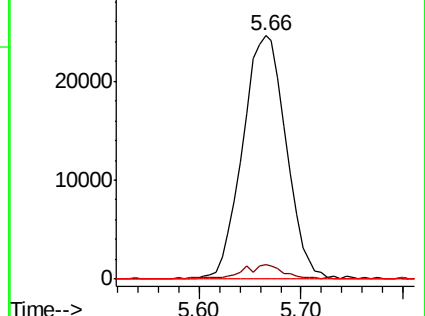
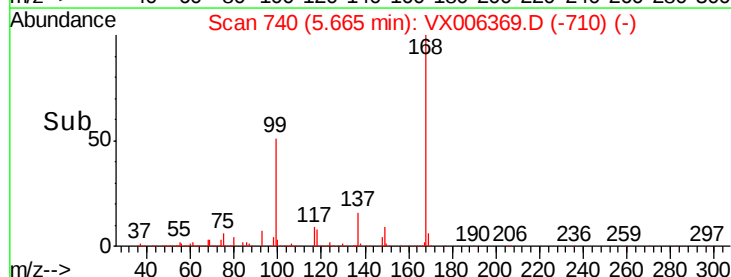
121 0.0 24.6 37.0#

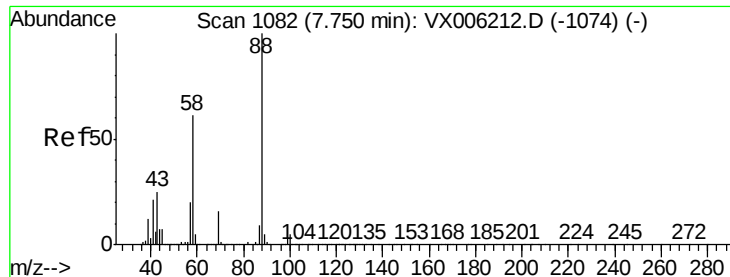


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

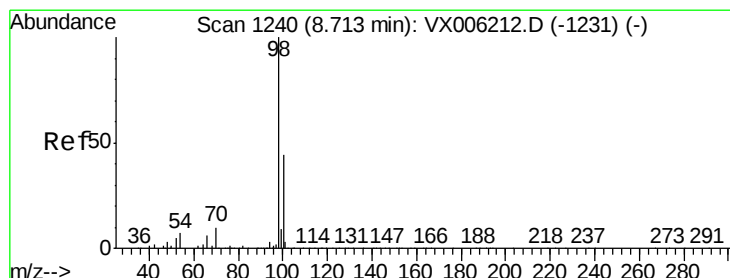
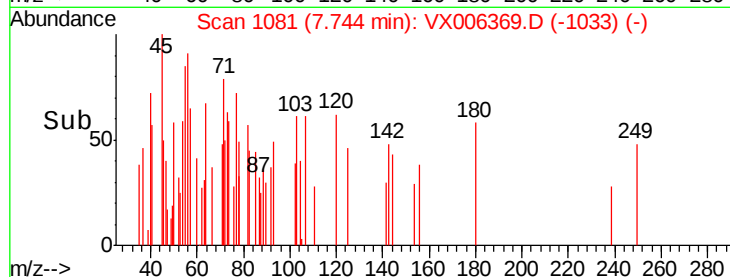
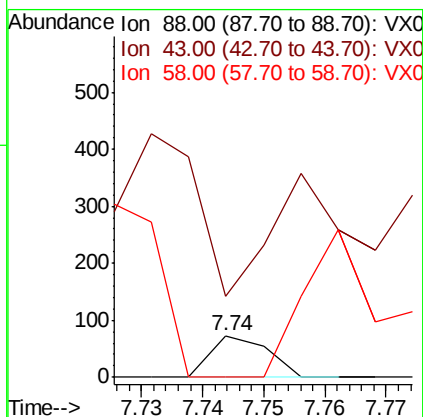
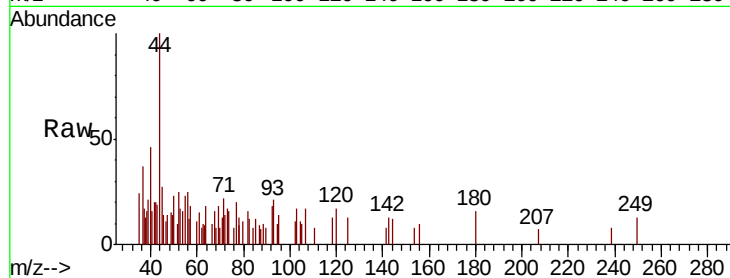




#49
1,4-Dioxane
Concen: 0.207 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX006369.D
Acq: 10 Dec 2018 14:52

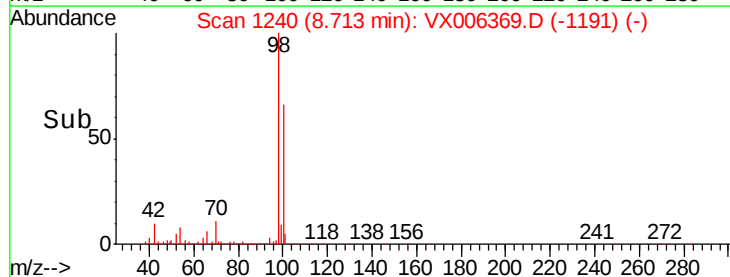
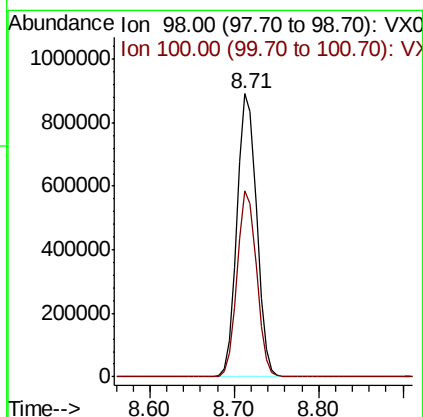
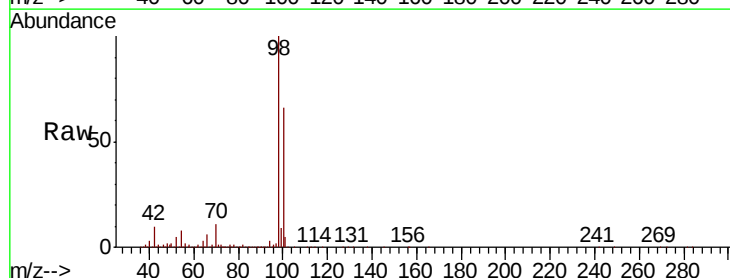
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

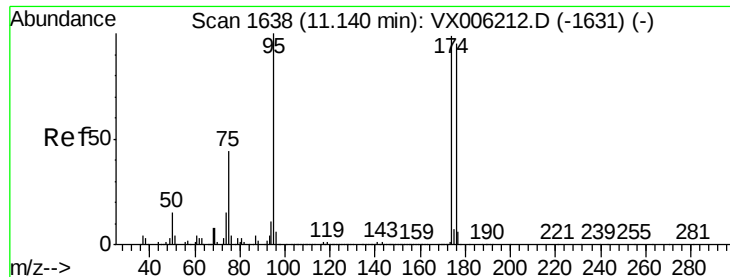
Tot Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 359.6 23.2 34.8#
58 478.7 51.4 77.0#



#50
Toluene-d8
Concen: 49.252 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006369.D
Acq: 10 Dec 2018 14:52

Tgt Ion: 98 Resp: 1394827
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 47.998 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006369.D

Acq: 10 Dec 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

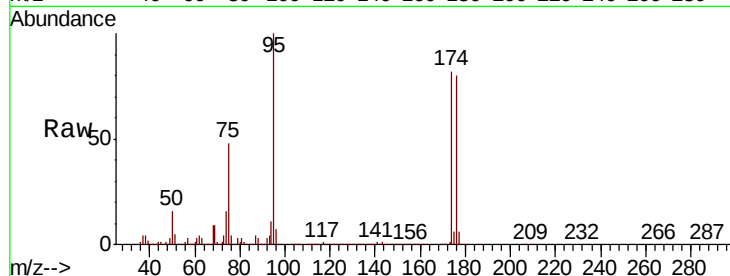
Tot Ion: 95 Resp: 512224

Ion Ratio Lower Upper

95 100

174 89.4 0.0 187.0

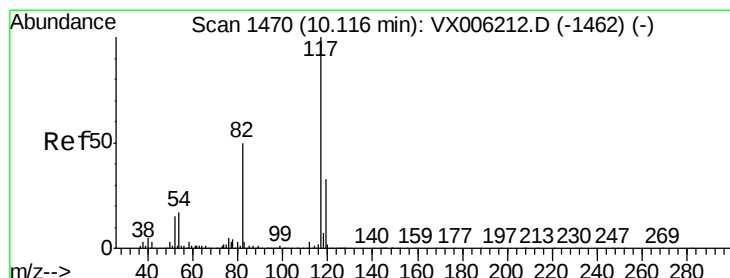
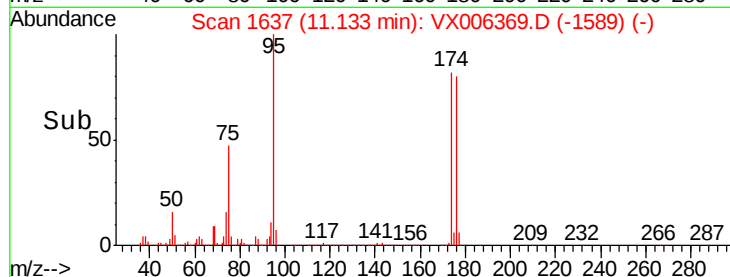
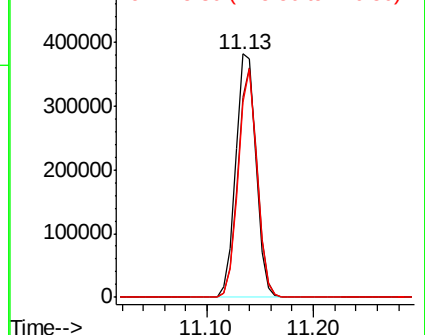
176 87.0 0.0 181.8



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: VX006369.D

Acq: 10 Dec 2018 14:52

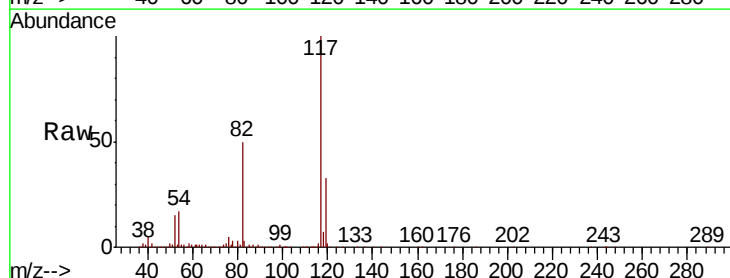
Tgt Ion: 117 Resp: 1081982

Ion Ratio Lower Upper

117 100

82 49.8 39.6 59.4

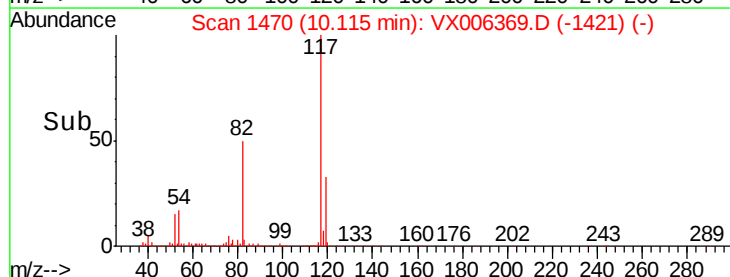
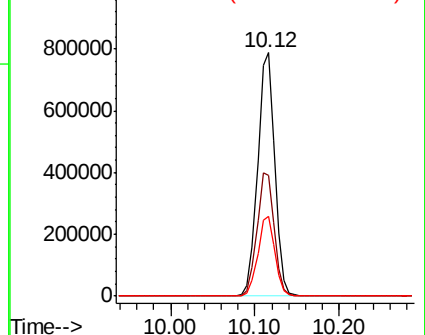
119 32.6 26.3 39.5

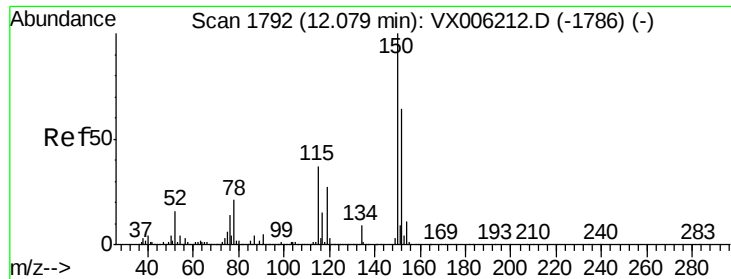


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX006369.D

Acq: 10 Dec 2018 14:52

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

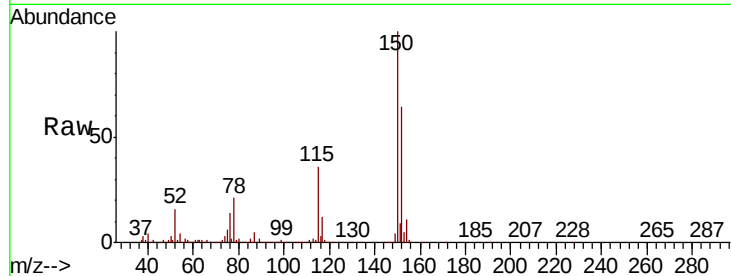
Tot Ion:152 Resp: 519743

Ion Ratio Lower Upper

152 100

115 56.4 39.0 116.9

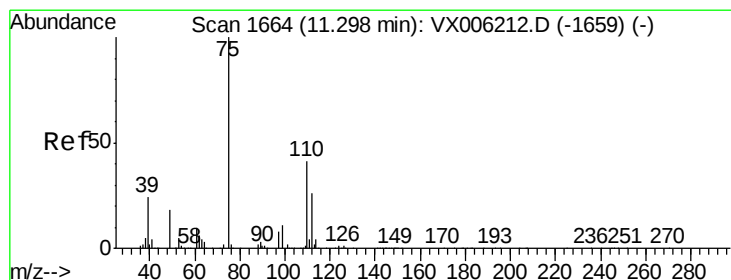
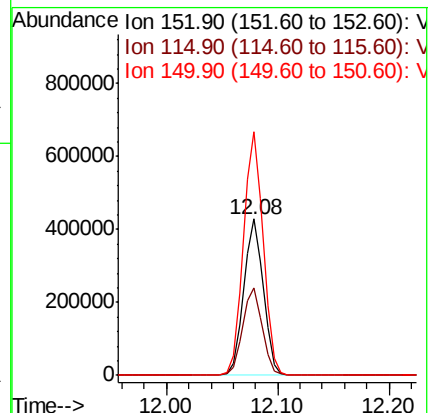
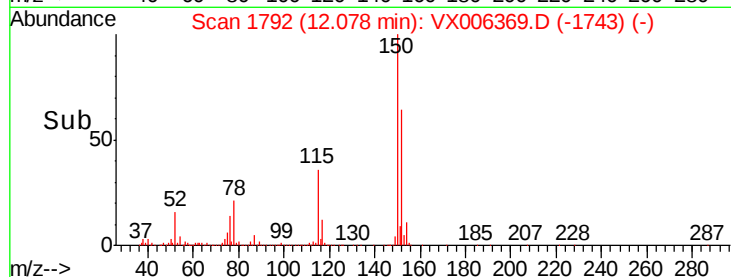
150 157.1 0.0 345.8



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: 23.182 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006369.D

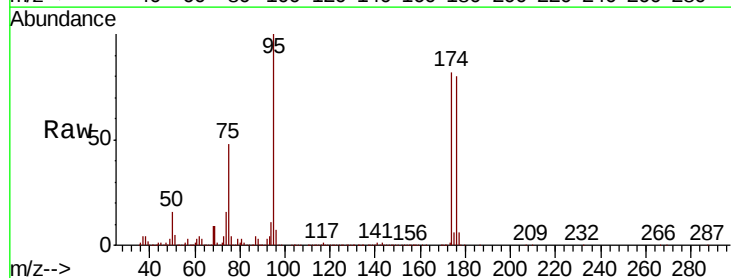
Acq: 10 Dec 2018 14:52

Tgt Ion: 75 Resp: 232556

Ion Ratio Lower Upper

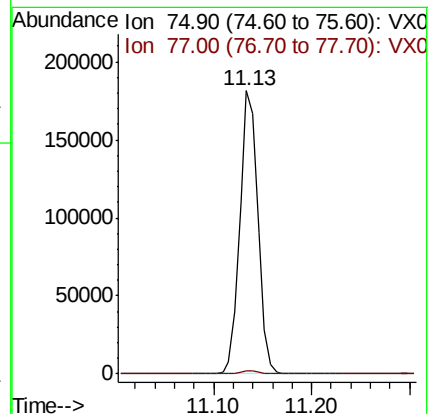
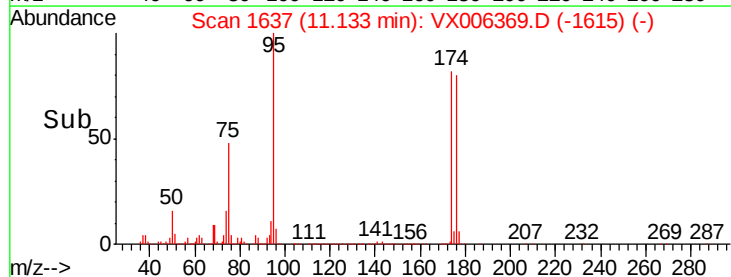
75 100

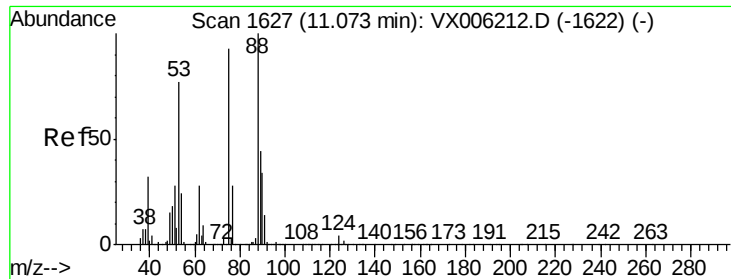
77 1.3 19.9 59.7#



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: 54.401 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006369.D
Acq: 10 Dec 2018 14:52

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Tot Ion: 75 Resp: 232556
Ion Ratio Lower Upper
75 100
53 0.0 64.4 96.6#
89 0.1 44.2 66.4#

