

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006239.D
 Acq On : 30 Nov 2018 19:09
 Operator : JC/MD
 Sample : J6153-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-9.41

Quant Time: Nov 30 22:22:05 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	904140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1353360	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1234153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	606360	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	446452	48.37	ug/l	0.00
Spiked Amount			Recovery	=	96.74%	
35) Dibromofluoromethane	5.51	113	433581	49.48	ug/l	0.00
Spiked Amount			Recovery	=	98.96%	
50) Toluene-d8	8.71	98	1584636	49.72	ug/l	0.00
Spiked Amount			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	11.13	95	587153	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	

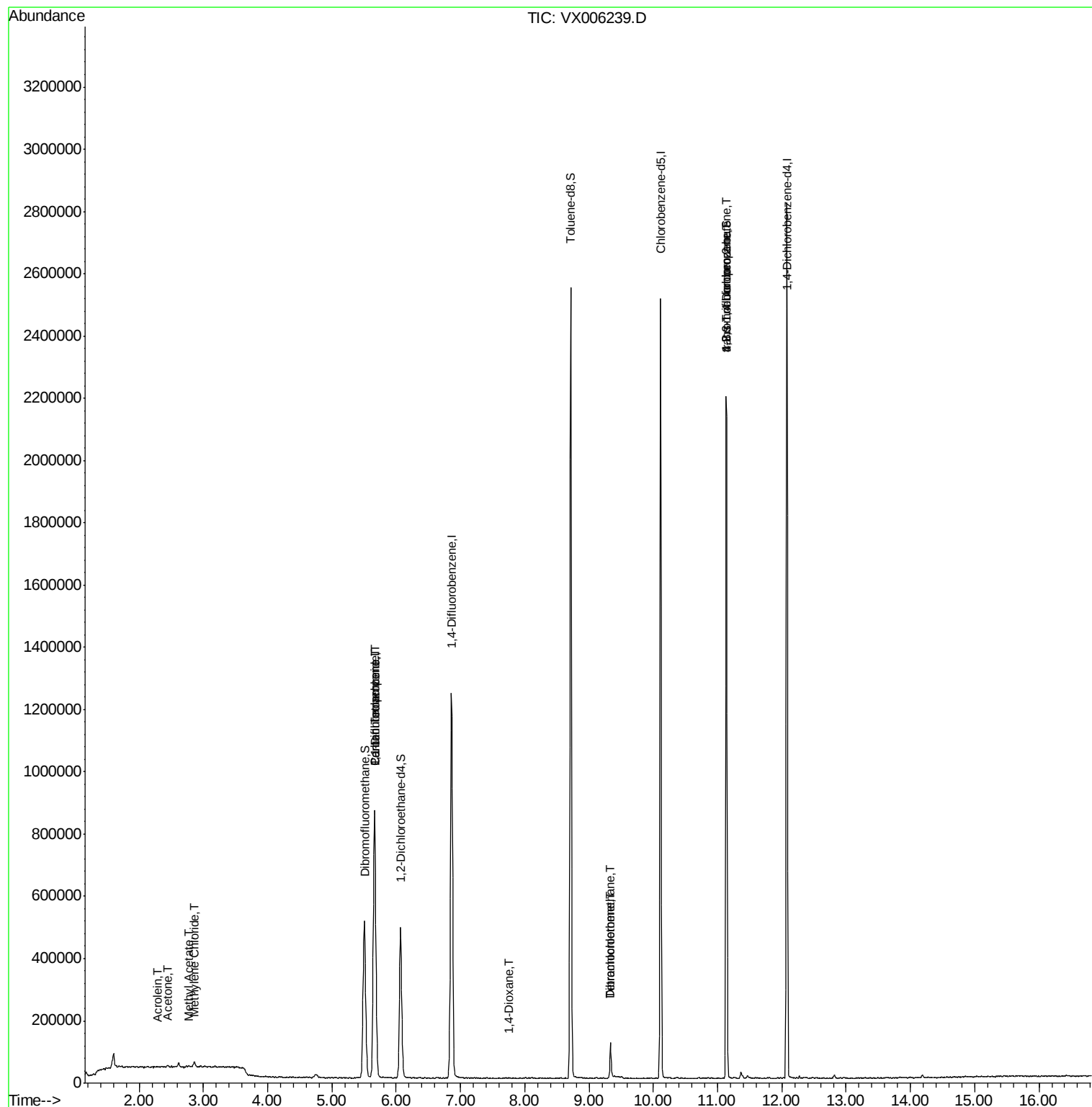
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.29	56	404	0.293	ug/l #	1
16) Acetone	2.45	43	6319	1.459	ug/l	98
18) Methyl Acetate	2.78	43	3388	0.234	ug/l #	58
20) Methylene Chloride	2.86	84	9185	0.996	ug/l #	85
36) 1,1-Dichloropropene	5.66	75	54845	4.812	ug/l #	48
38) Carbon Tetrachloride	5.67	117	80630	6.014	ug/l #	15
49) 1,4-Dioxane	7.76	88	83	0.325	ug/l #	1
60) Dibromochloromethane	9.34	129	14641	1.301	ug/l #	12
64) Tetrachloroethene	9.34	164	15579	1.676	ug/l	94
76) 1,2,3-Trichloropropane	11.13	75	270001	23.070	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	270001	54.138	ug/l #	15

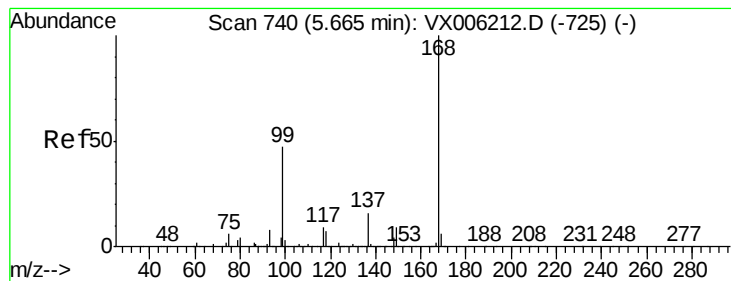
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113018\
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Quant Time: Nov 30 22:22:05 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: VX006239.D

Acq: 30 Nov 2018 19:09

Instrument :

MSVOA_X

ClientSampled :

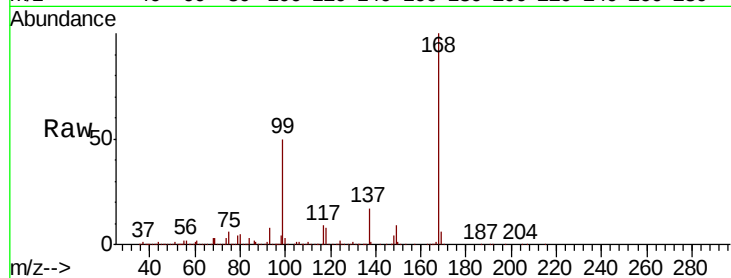
MH-9.41

Tot Ion:168 Resp: 904140

Ion Ratio Lower Upper

168 100

99 49.9 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

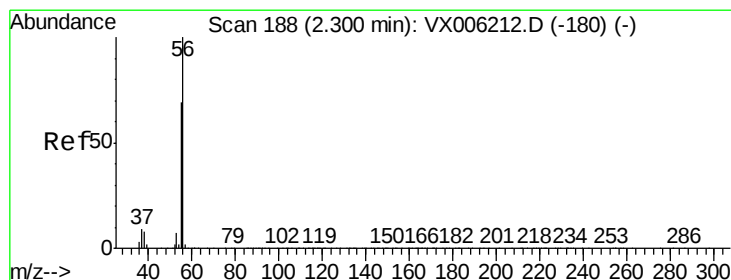
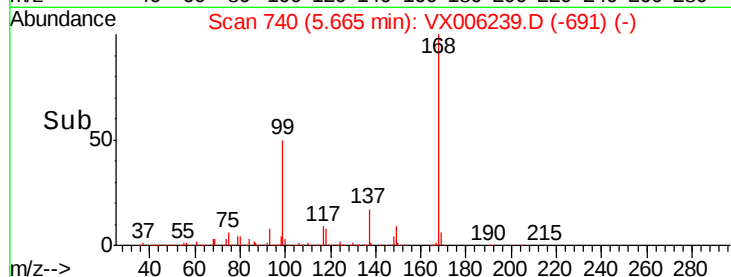
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#13

Acrolein

Concen: 0.293 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX006239.D

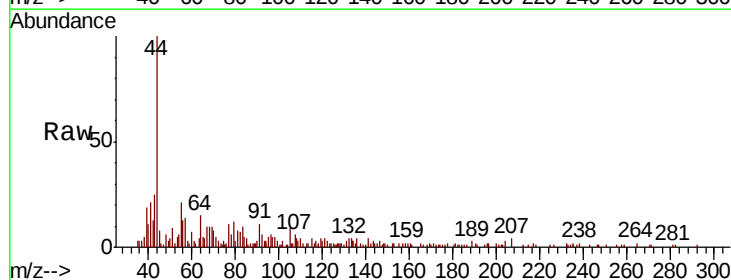
Acq: 30 Nov 2018 19:09

Tgt Ion: 56 Resp: 404

Ion Ratio Lower Upper

56 100

55 160.6 57.8 86.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

1500

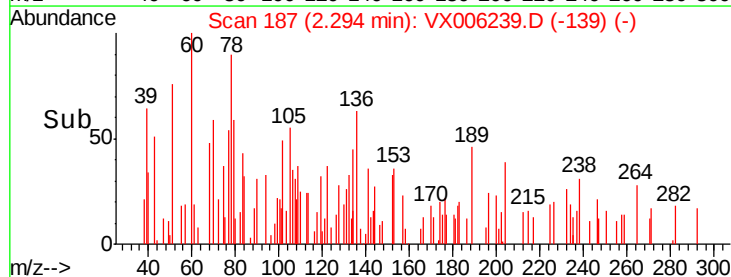
1000

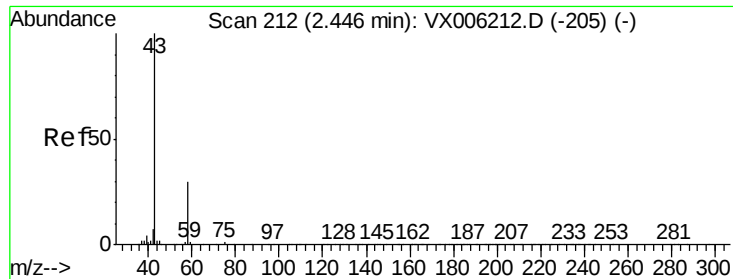
500

0

Time-->

2.28 2.30 2.32

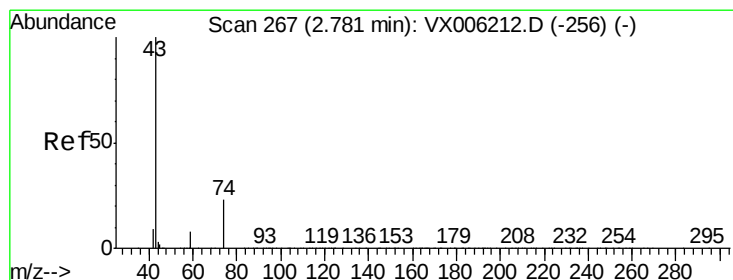
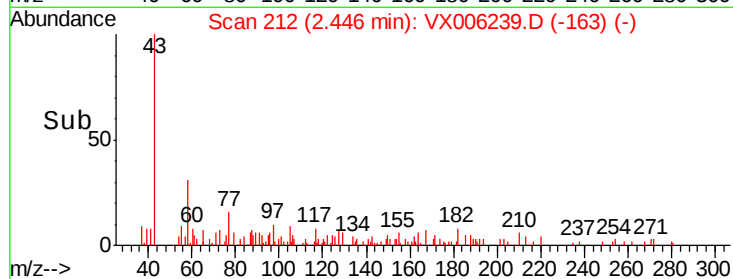
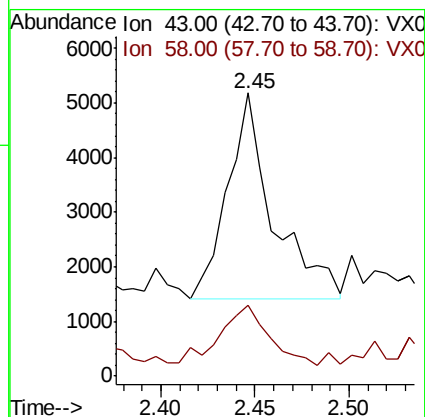
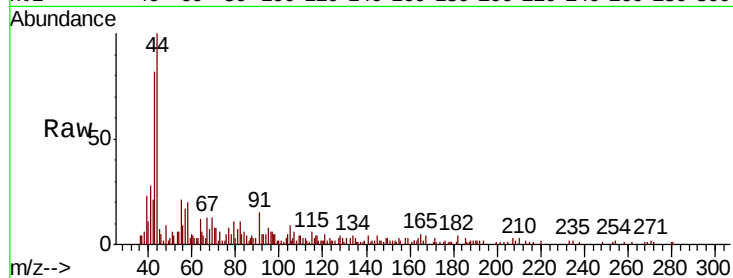




#16
Acetone
Concen: 1.459 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006239.D
Acq: 30 Nov 2018 19:09

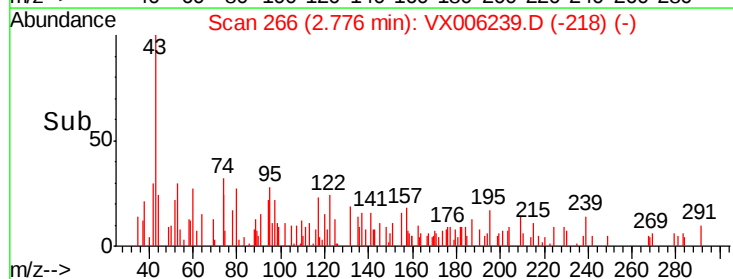
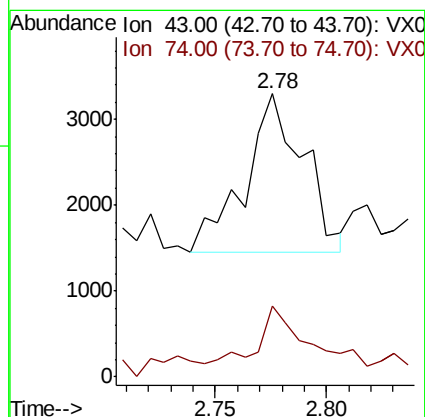
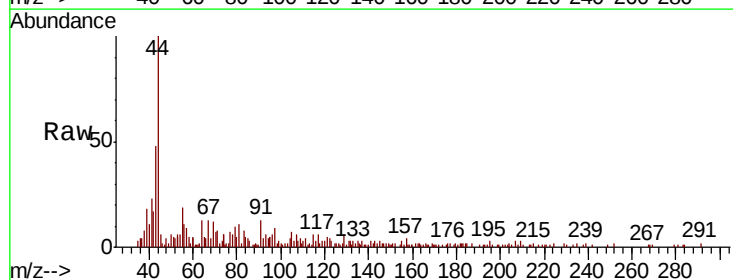
Instrument :
MSVOA_X
ClientSampleId :
MH-9.41

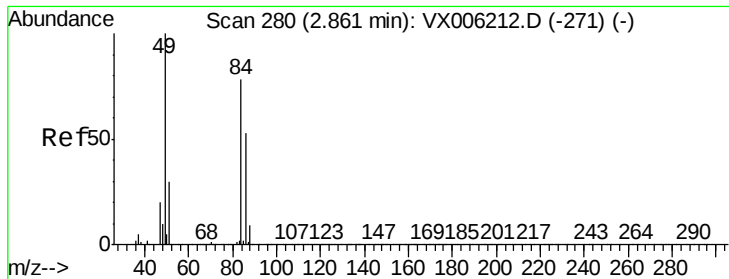
Tot Ion: 43 Resp: 6319
Ion Ratio Lower Upper
43 100
58 28.7 24.0 36.0



#18
Methyl Acetate
Concen: 0.234 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX006239.D
Acq: 30 Nov 2018 19:09

Tgt Ion: 43 Resp: 3388
Ion Ratio Lower Upper
43 100
74 42.8 17.9 26.9#





#20

Methvlene Chloride

Concen: 0.996 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX006239.D

Acq: 30 Nov 2018 19:09

Instrument :

MSVOA_X

ClientSampled :

MH-9.41

Tot Ion: 84 Resp: 9185

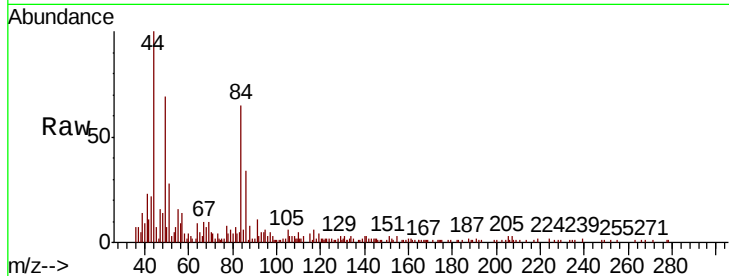
Ion Ratio Lower Upper

84 100

49 108.4 102.2 153.4

51 39.0 31.1 46.7

86 52.0 53.7 80.5#

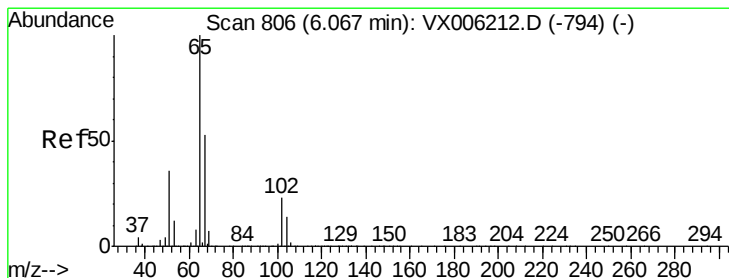
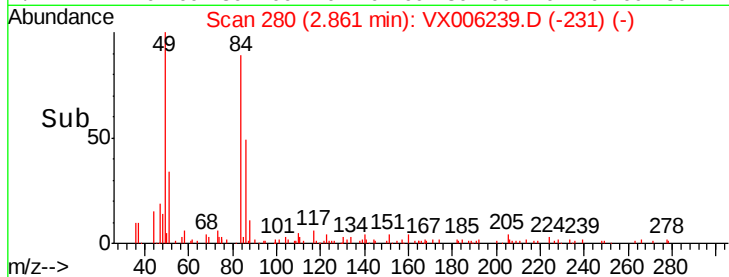
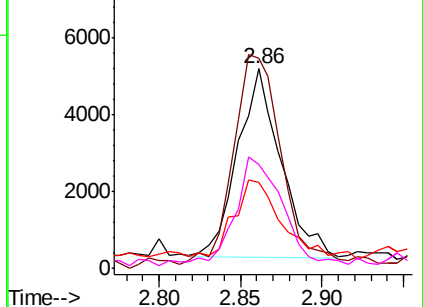


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.371 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006239.D

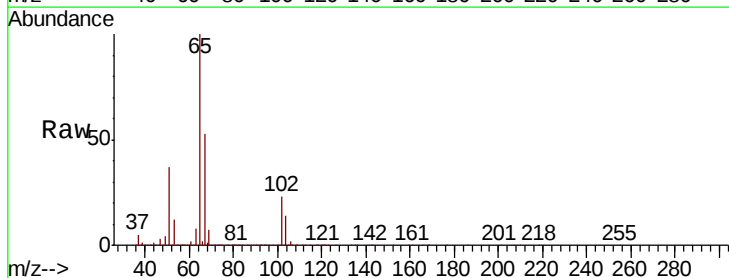
Acq: 30 Nov 2018 19:09

Tgt Ion: 65 Resp: 446452

Ion Ratio Lower Upper

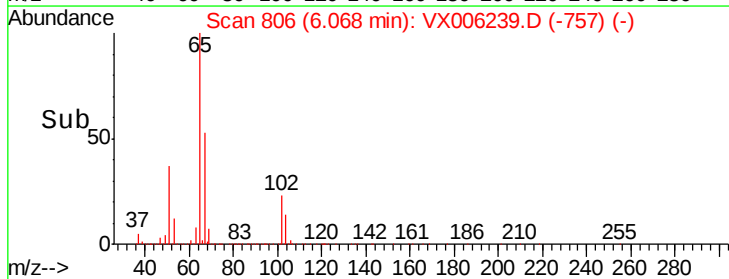
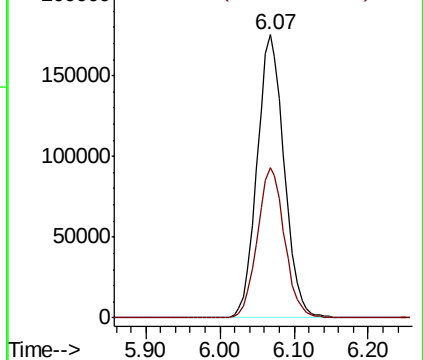
65 100

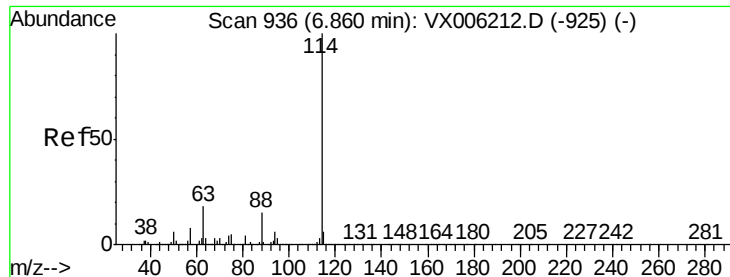
67 53.0 0.0 107.2



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: VX006239.D

Acq: 30 Nov 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

MH-9.41

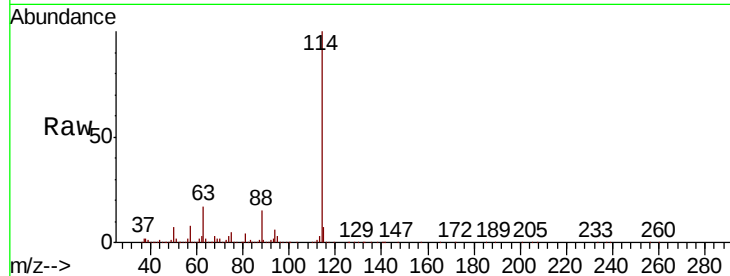
Tot Ion:114 Resp: 1353360

Ion Ratio Lower Upper

114 100

63 17.2 0.0 36.6

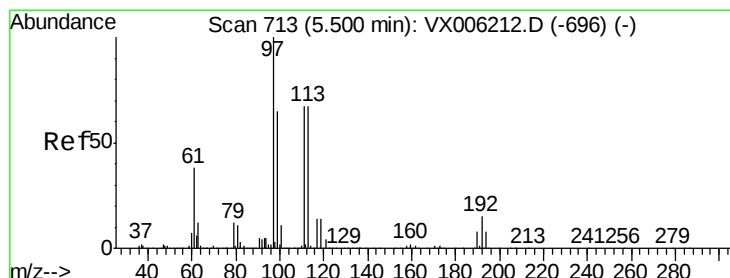
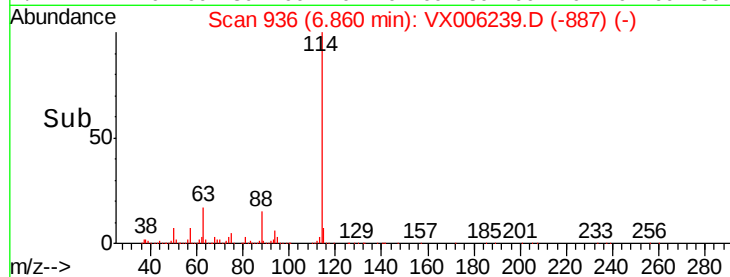
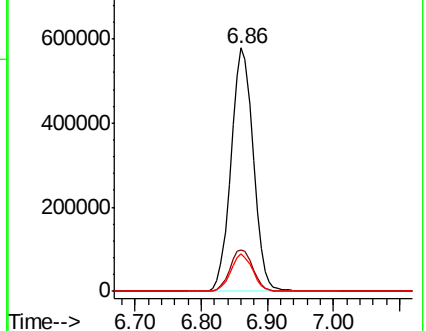
88 15.2 0.0 29.0



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: 49.482 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006239.D

Acq: 30 Nov 2018 19:09

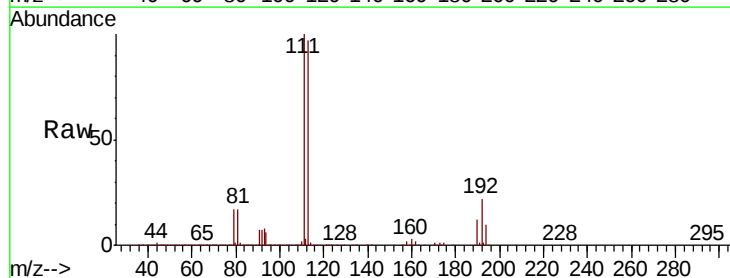
Tgt Ion:113 Resp: 433581

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

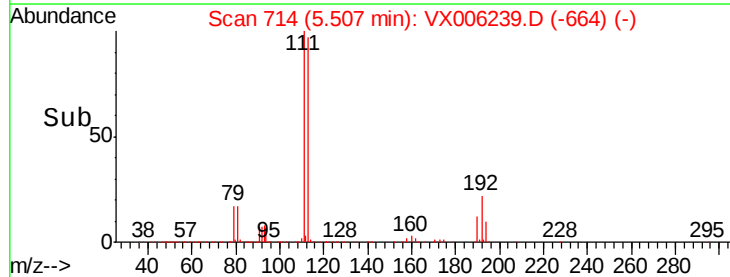
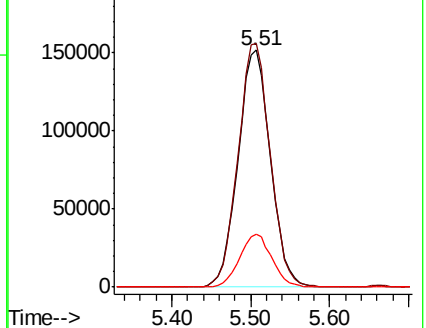
192 22.2 18.2 27.2

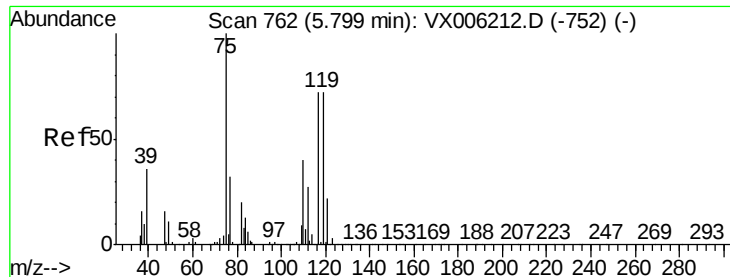


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.812 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006239.D

Acq: 30 Nov 2018 19:09

Instrument :

MSVOA_X

ClientSampled :

MH-9.41

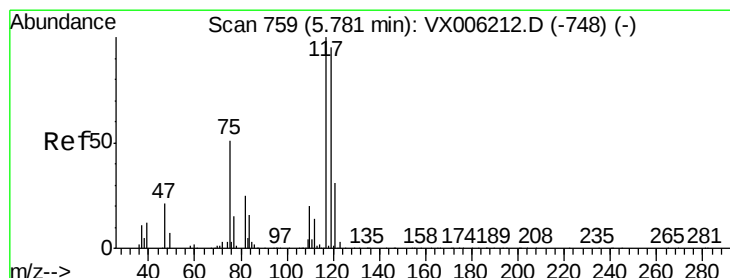
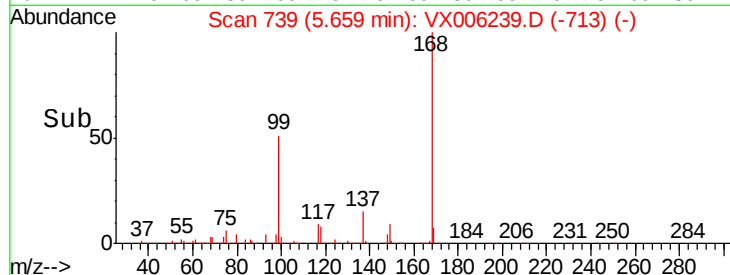
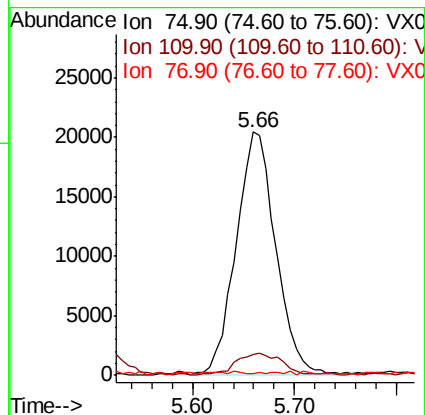
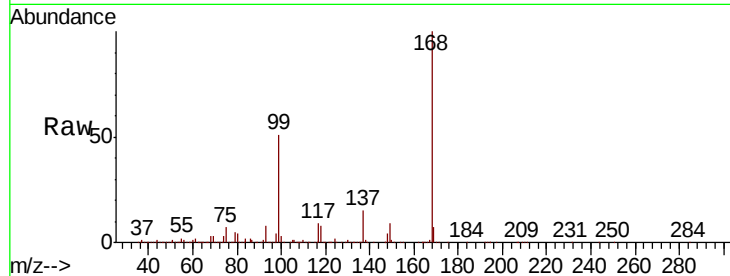
Tot Ion: 75 Resp: 54845

Ion Ratio Lower Upper

75 100

110 10.5 20.4 61.3#

77 0.2 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 6.014 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.11 min

Lab File: VX006239.D

Acq: 30 Nov 2018 19:09

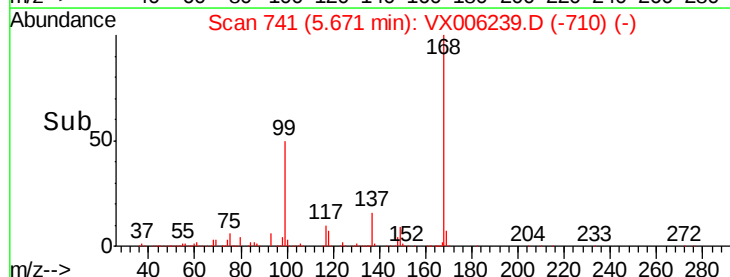
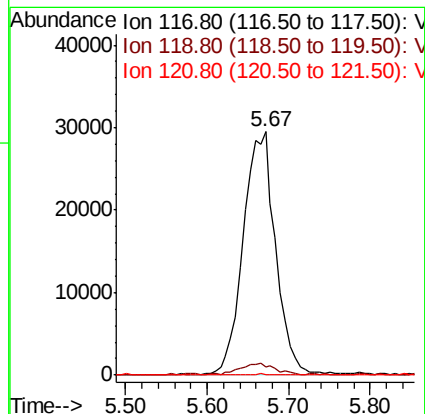
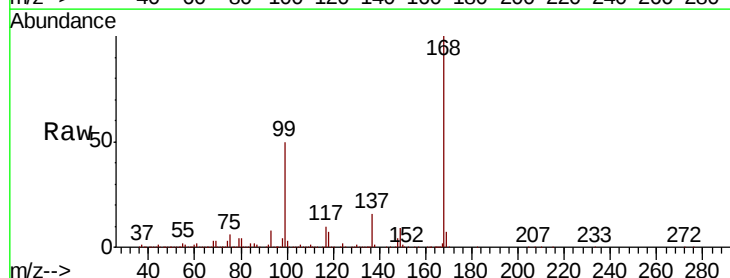
Tgt Ion: 117 Resp: 80630

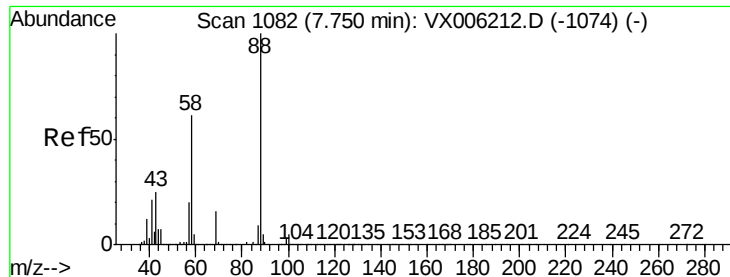
Ion Ratio Lower Upper

117 100

119 2.9 75.8 113.8#

121 0.0 24.6 37.0#

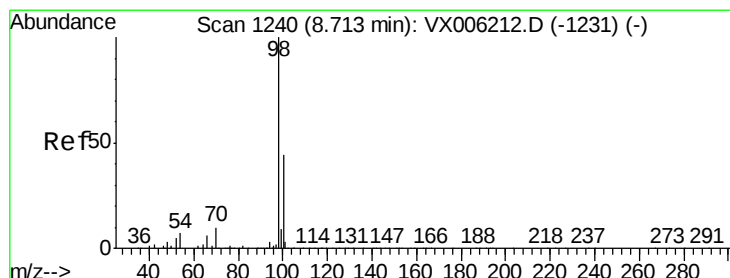
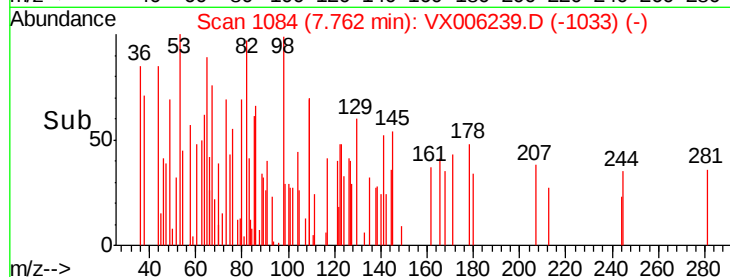
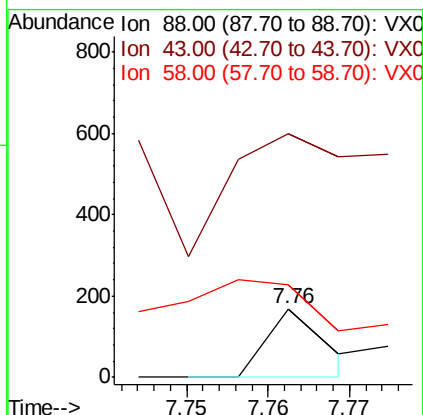
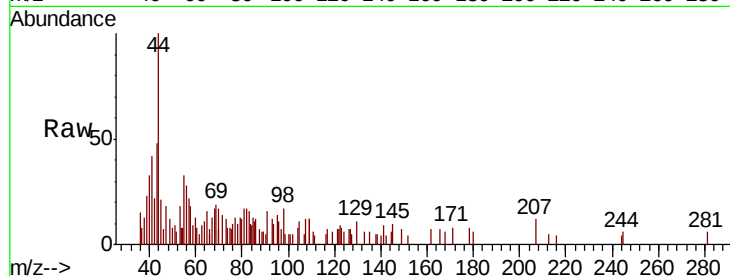




#49
1,4-Dioxane
Concen: 0.325 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. 0.01 min
Lab File: VX006239.D
Acq: 30 Nov 2018 19:09

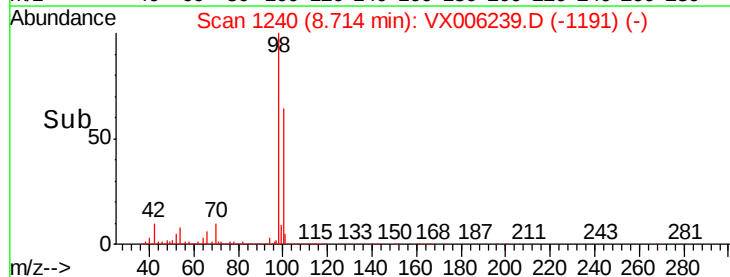
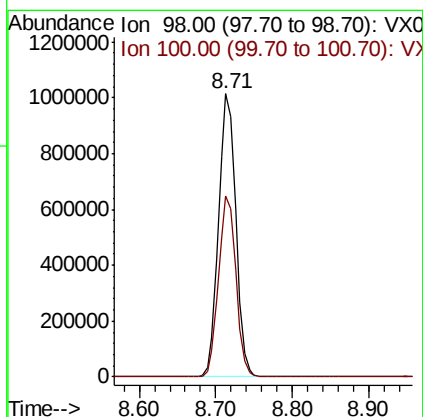
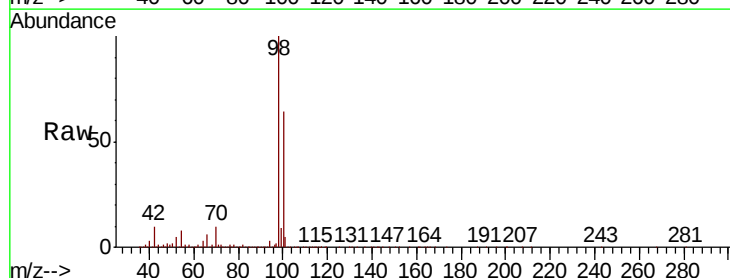
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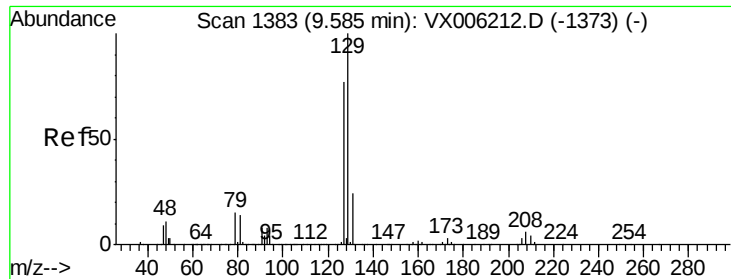
Tot Ion: 88 Resp: 83
Ion Ratio Lower Upper
88 100
43 513.3 23.2 34.8#
58 180.7 51.4 77.0#



#50
Toluene-d8
Concen: 49.717 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006239.D
Acq: 30 Nov 2018 19:09

Tgt Ion: 98 Resp: 1584636
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.2





#60

Dibromochloromethane

Concen: 1.301 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.25 min

Lab File: VX006239.D

Acq: 30 Nov 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

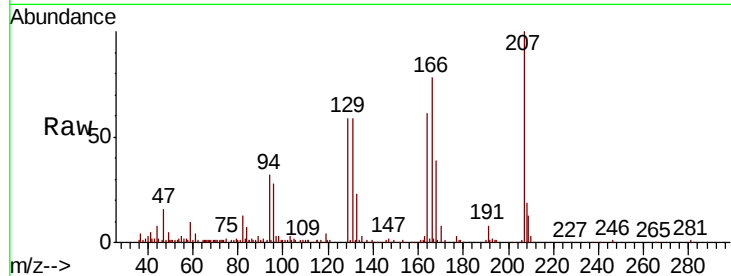
MH-9.41

Tot Ion:129 Resp: 14641

Ion Ratio Lower Upper

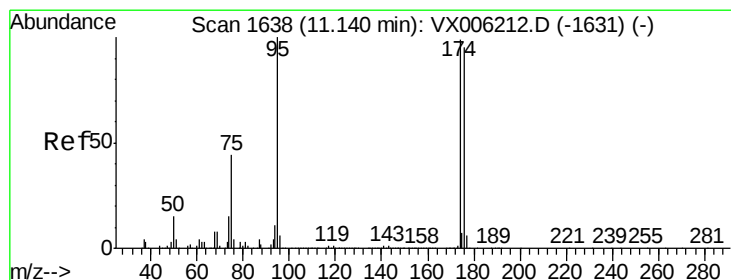
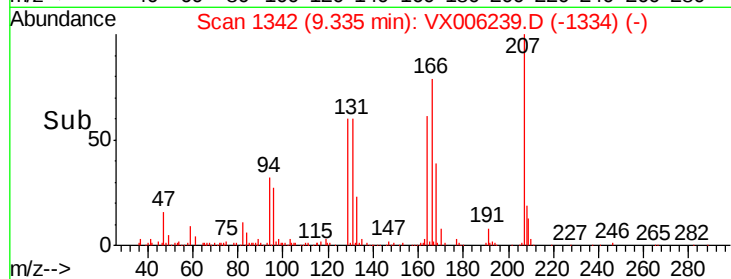
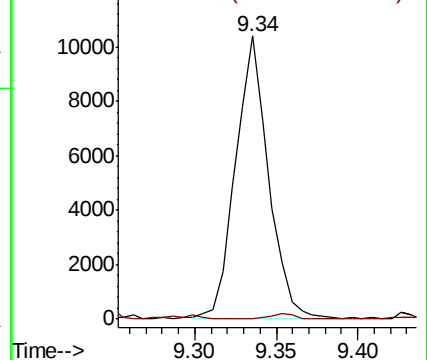
129 100

127 1.3 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.886 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006239.D

Acq: 30 Nov 2018 19:09

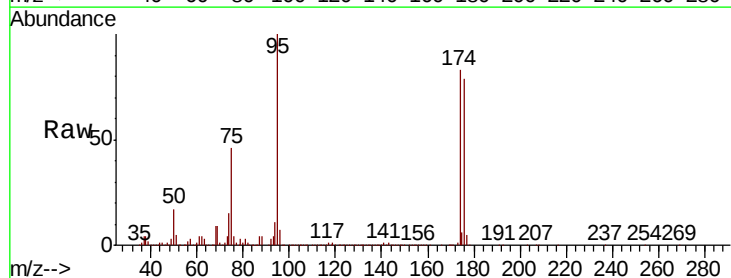
Tgt Ion: 95 Resp: 587153

Ion Ratio Lower Upper

95 100

174 90.2 0.0 187.0

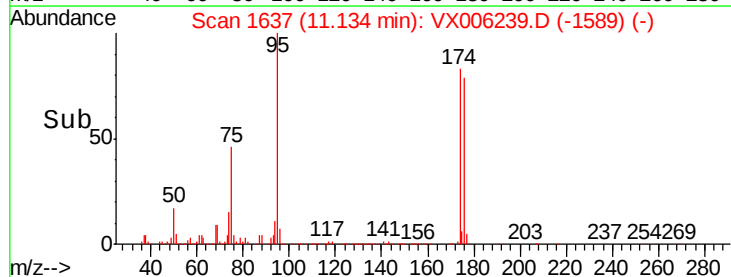
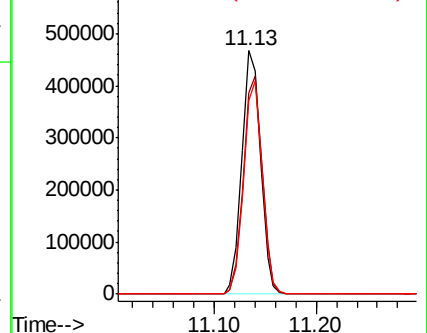
176 87.4 0.0 181.8

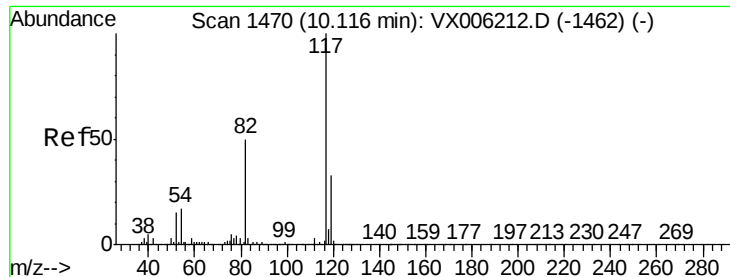


Abundance Ion 94.90 (94.60 to 95.60): VX0

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: VX006239.D

Acq: 30 Nov 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

MH-9.41

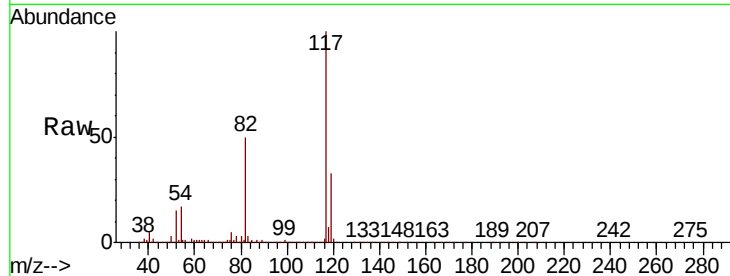
Tot Ion:117 Resp: 1234153

Ion Ratio Lower Upper

117 100

82 50.2 39.6 59.4

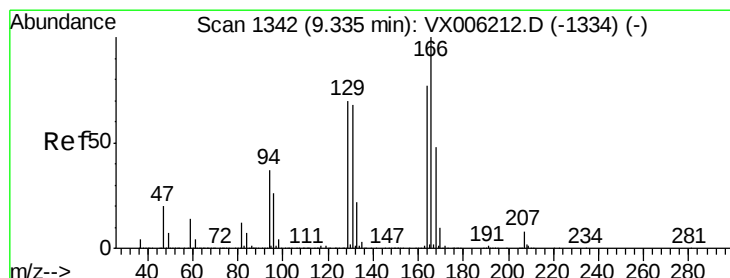
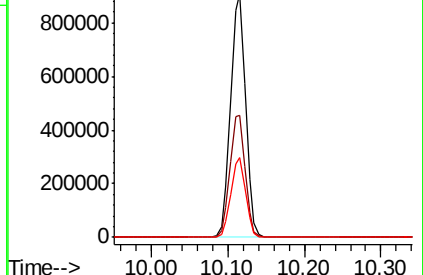
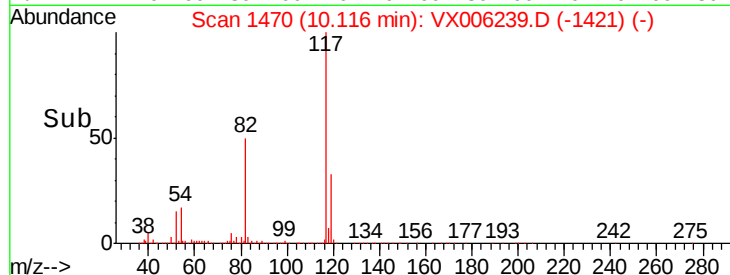
119 32.7 26.3 39.5



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: 1.676 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006239.D

Acq: 30 Nov 2018 19:09

Tgt Ion:164 Resp: 15579

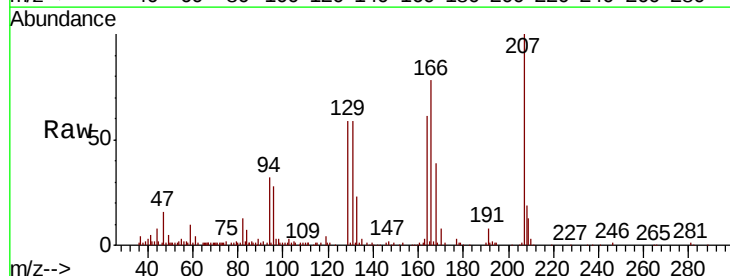
Ion Ratio Lower Upper

164 100

166 128.2 104.2 156.2

129 97.1 72.6 108.8

131 97.1 70.3 105.5

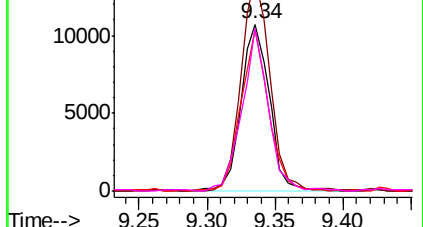
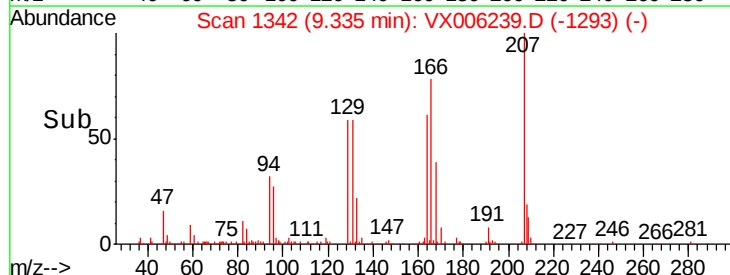


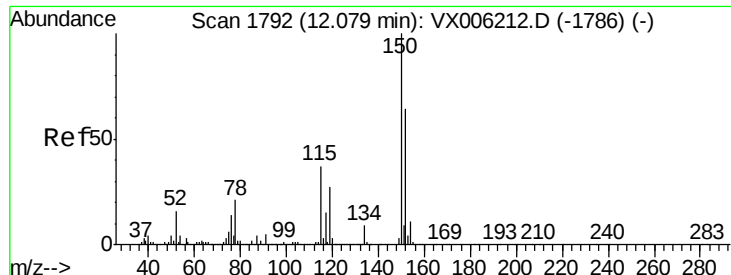
Abundance Ion 163.80 (163.50 to 164.50): V

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: VX006239.D

Acq: 30 Nov 2018 19:09

Instrument :

MSVOA_X

ClientSampled :

MH-9.41

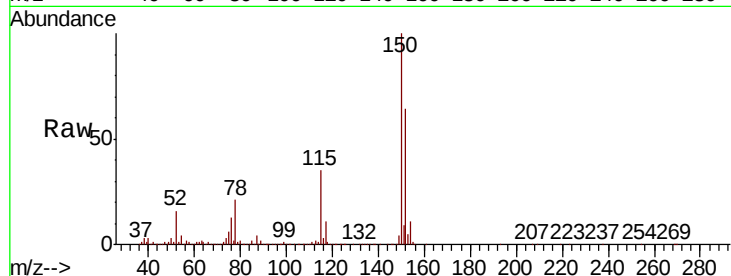
Tot Ion:152 Resp: 606360

Ion Ratio Lower Upper

152 100

115 55.8 39.0 116.9

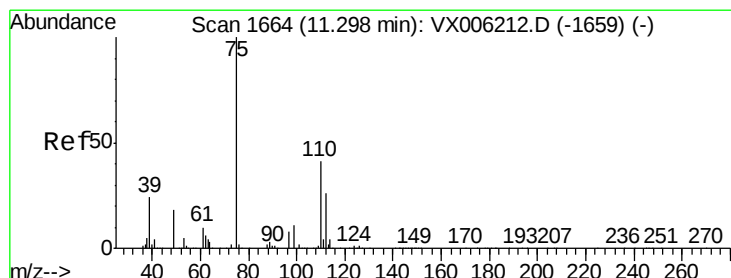
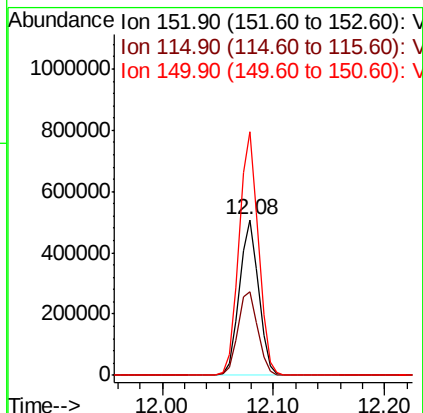
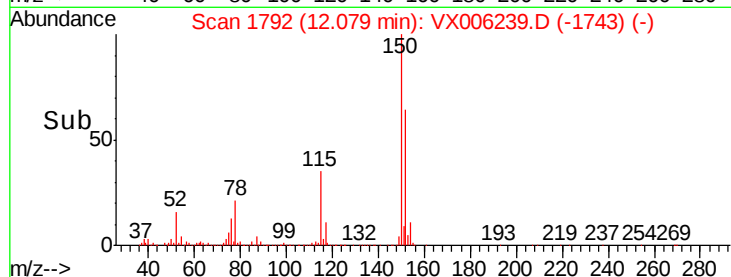
150 157.2 0.0 345.8



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: 23.070 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX006239.D

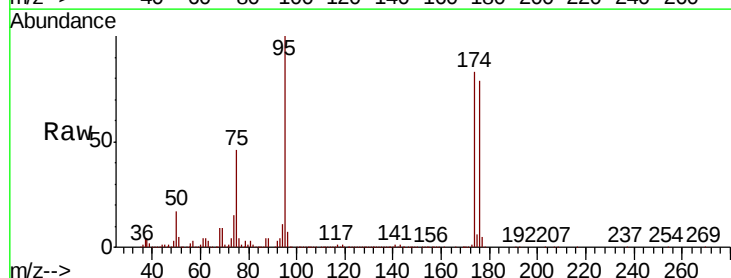
Acq: 30 Nov 2018 19:09

Tgt Ion: 75 Resp: 270001

Ion Ratio Lower Upper

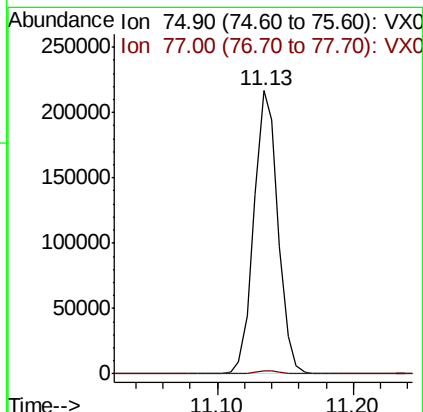
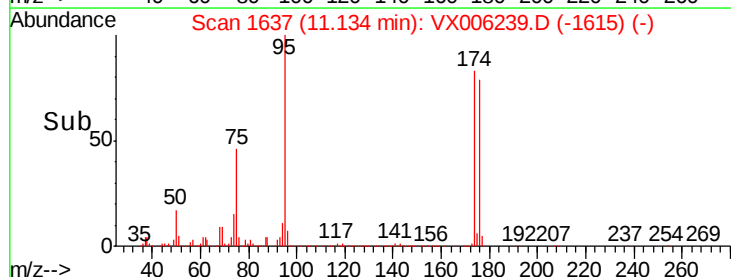
75 100

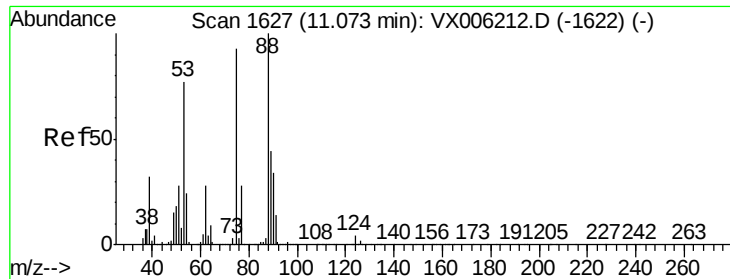
77 1.2 19.9 59.7#



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: 54.138 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006239.D

Acq: 30 Nov 2018 19:09

Instrument :

MSVOA_X

ClientSampleId :

MH-9.41

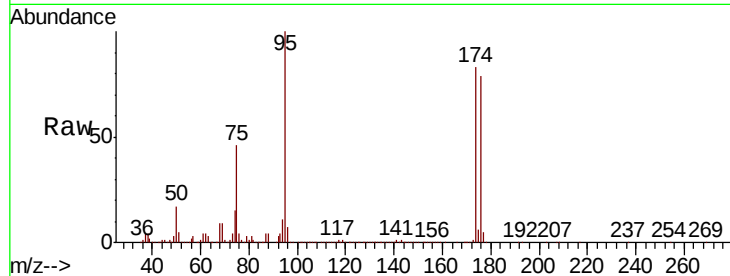
Tot Ion: 75 Resp: 270001

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 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

