

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000549.D
 Acq On : 30 Mar 2018 07:43
 Operator : JC/MD
 Sample : J2127-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Mar 30 16:08:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

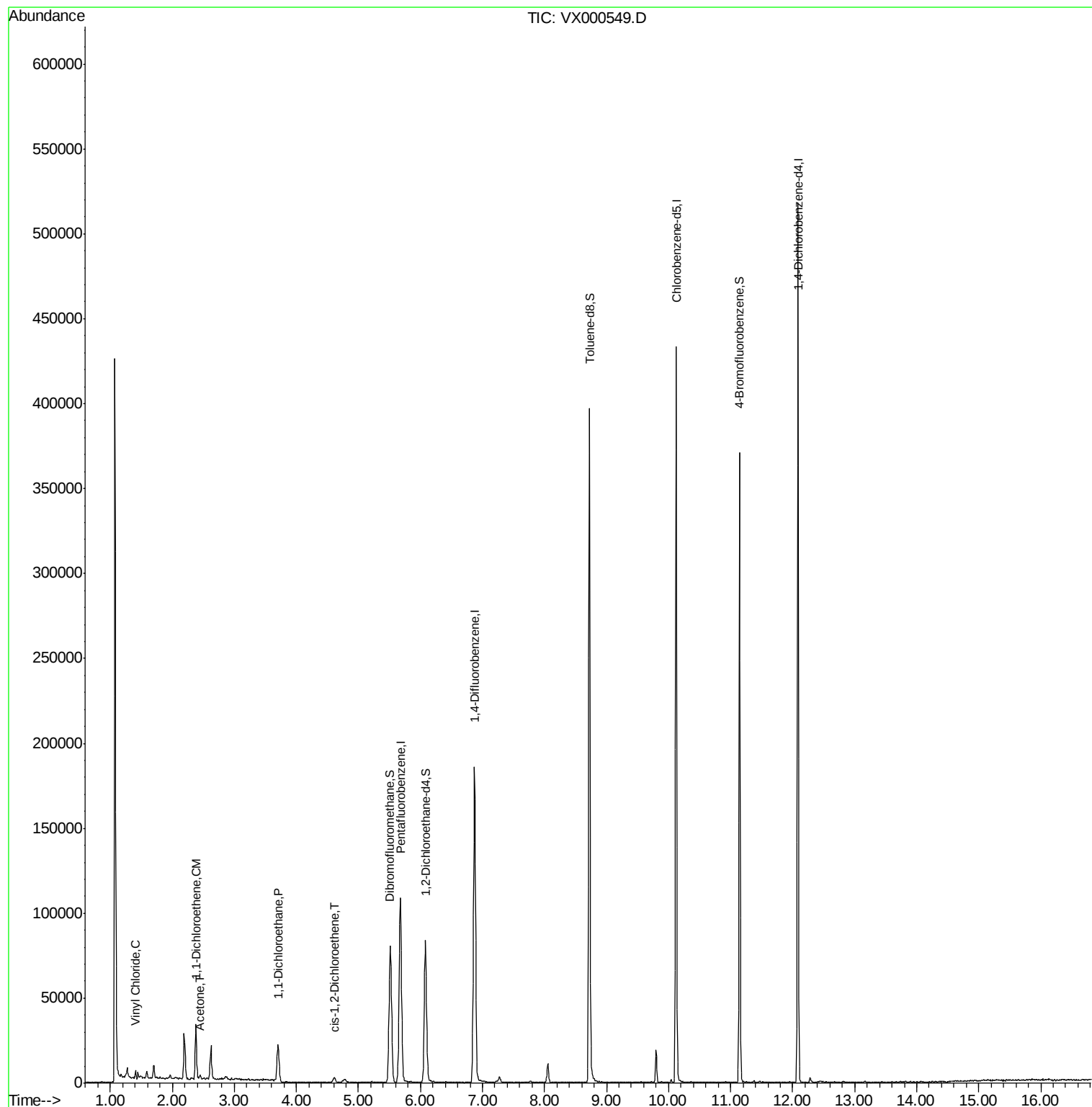
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	102721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	182366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	183626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	97002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	74531	55.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.16%	
35) Dibromofluoromethane	5.51	113	58296	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	8.73	98	232645	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.15	95	81103	41.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.04%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2629	2.09	ug/l #	89
12) 1,1-Dichloroethene	2.38	96	10102	9.07	ug/l	85
16) Acetone	2.45	43	2800	2.51	ug/l #	84
24) 1,1-Dichloroethane	3.70	63	23185	10.59	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	1729	1.49	ug/l	85

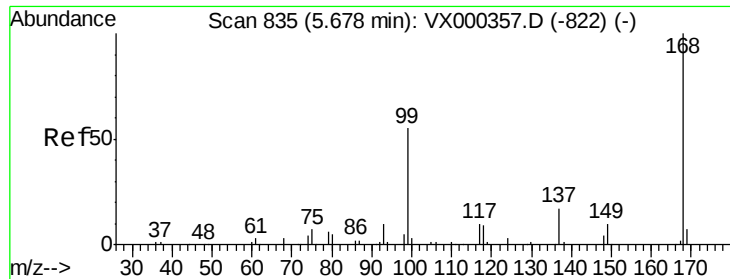
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000549.D

Acq: 30 Mar 2018 07:43

Instrument :

MSVOA_X

ClientSampleId :

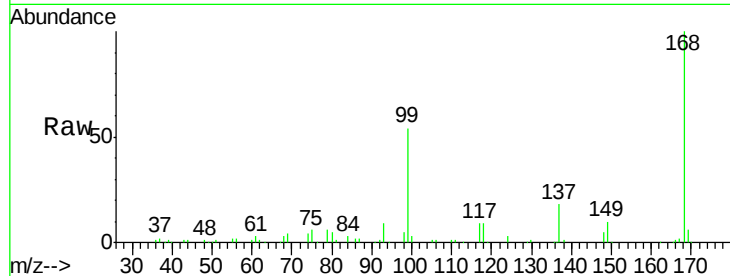
MW-3

Tot Ion:168 Resp: 102721

Ion Ratio Lower Upper

168 100

99 54.4 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.68

40000

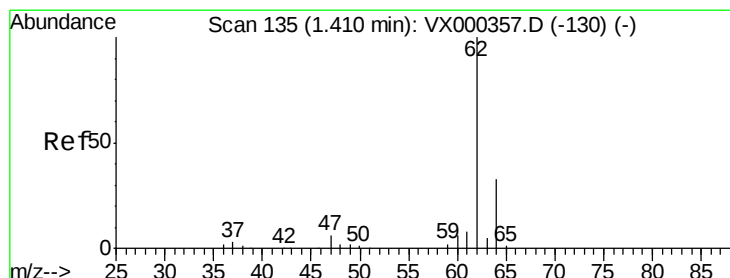
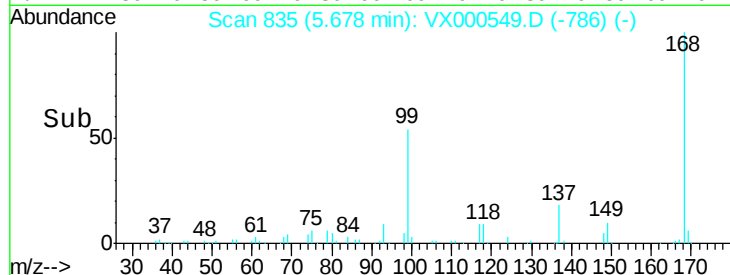
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 2.09 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX000549.D

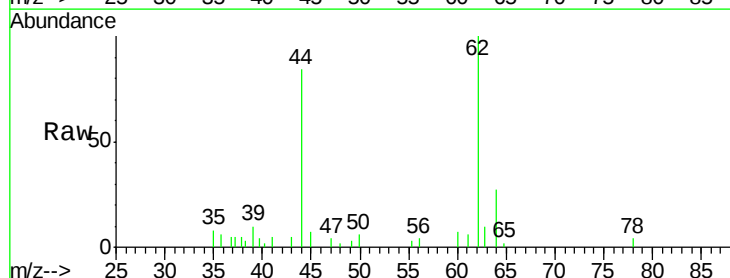
Acq: 30 Mar 2018 07:43

Tgt Ion: 62 Resp: 2629

Ion Ratio Lower Upper

62 100

64 24.8 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

2500

2000

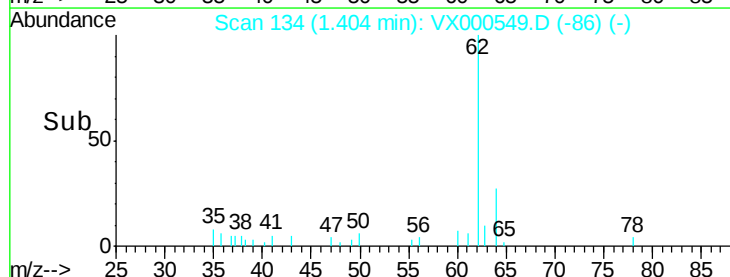
1500

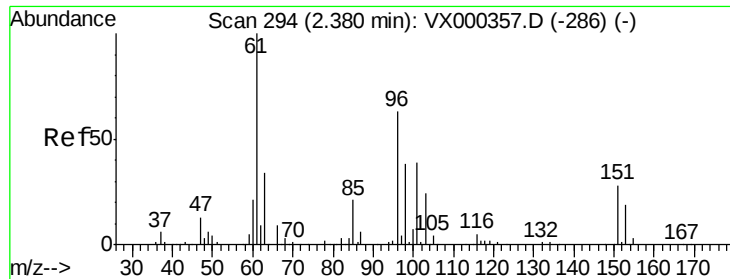
1000

500

0

Time-->

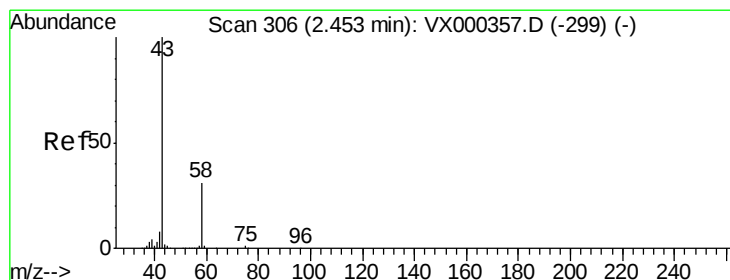
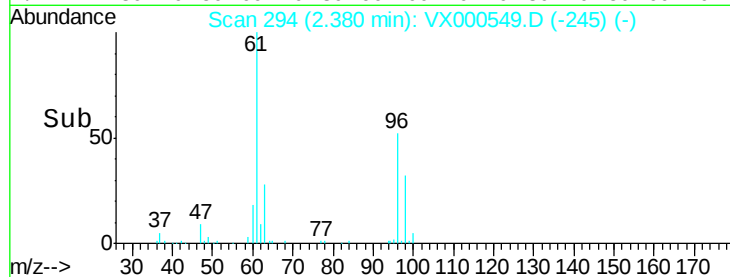
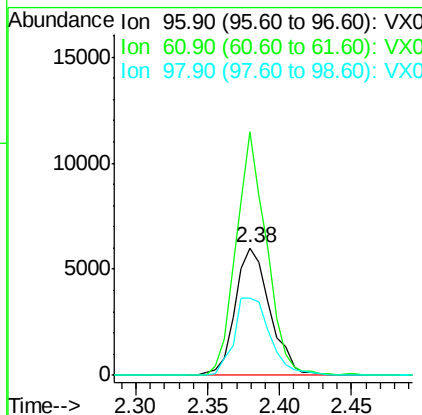
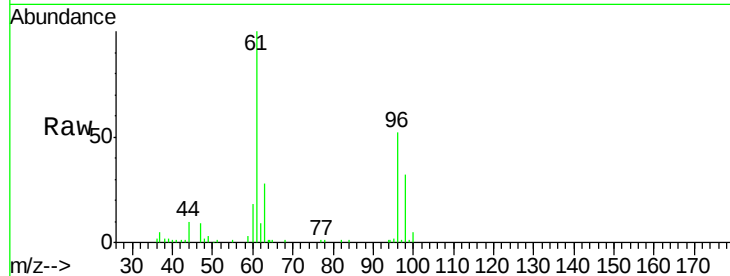




#12
 1,1-Dichloroethene
 Concen: 9.07 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: VX000549.D
 Acq: 30 Mar 2018 07:43

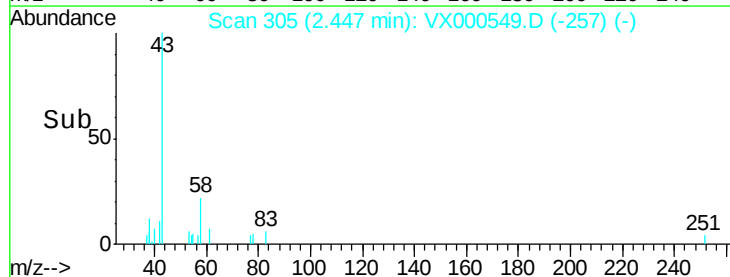
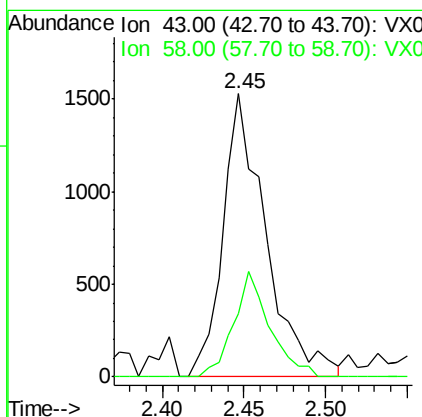
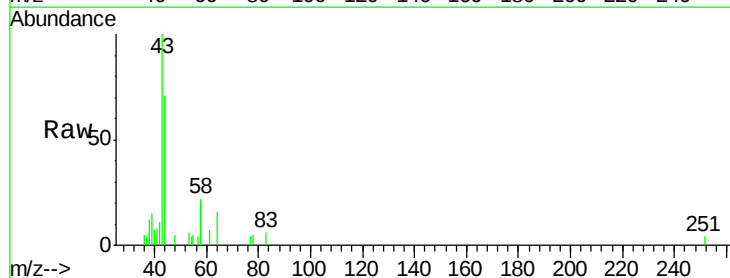
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

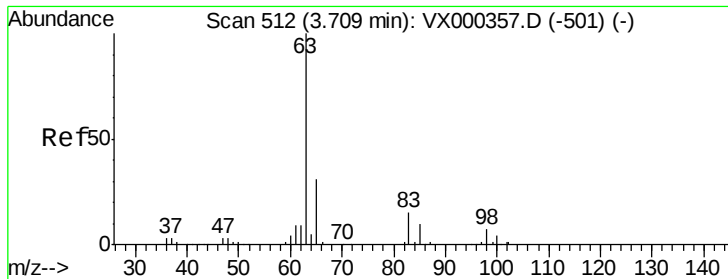
Tot Ion: 96 Resp: 10102
 Ion Ratio Lower Upper
 96 100
 61 191.0 131.2 196.8
 98 60.7 49.8 74.8



#16
 Acetone
 Concen: 2.51 ug/l
 RT: 2.45 min Scan# 305
 Delta R.T. -0.01 min
 Lab File: VX000549.D
 Acq: 30 Mar 2018 07:43

Tgt Ion: 43 Resp: 2800
 Ion Ratio Lower Upper
 43 100
 58 22.4 24.7 37.1#





#24

1,1-Dichloroethane

Concen: 10.59 ug/l

RT: 3.70 min Scan# 511

Delta R.T. -0.01 min

Lab File: VX000549.D

Acq: 30 Mar 2018 07:43

Instrument :

MSVOA_X

ClientSampled :

MW-3

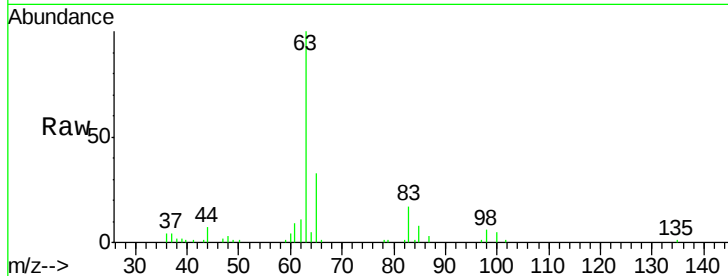
Tot Ion: 63 Resp: 23185

Ion Ratio Lower Upper

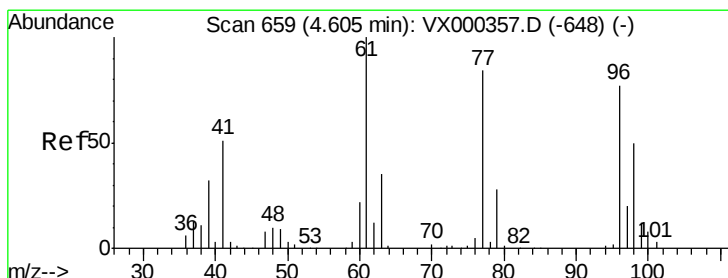
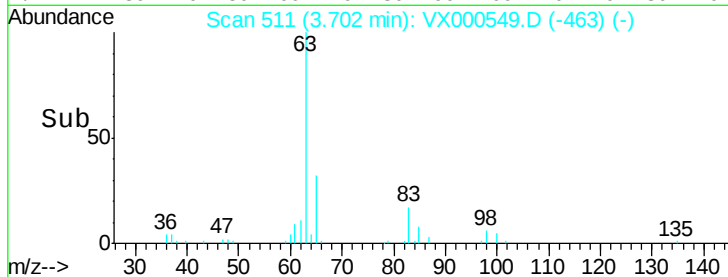
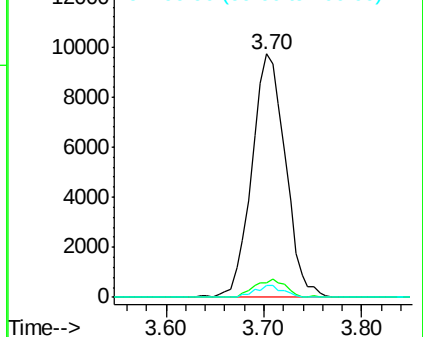
63 100

98 6.1 3.3 9.9

100 4.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 97.90 (97.60 to 98.60): VX0
Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 1.49 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000549.D

Acq: 30 Mar 2018 07:43

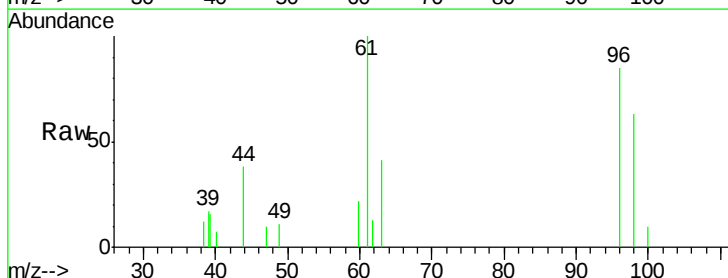
Tgt Ion: 96 Resp: 1729

Ion Ratio Lower Upper

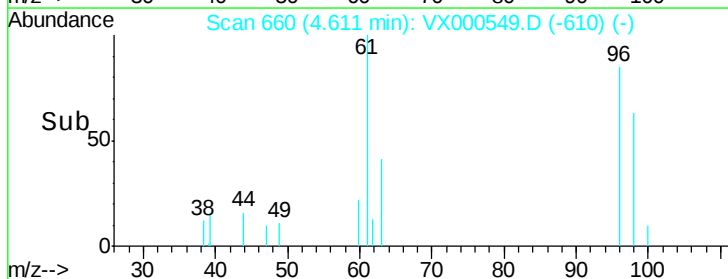
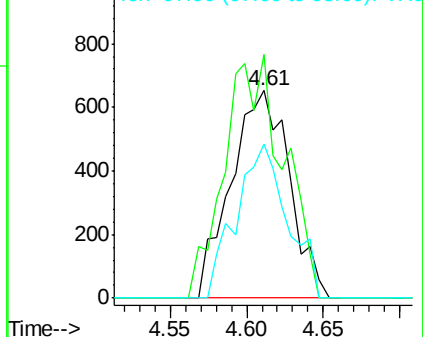
96 100

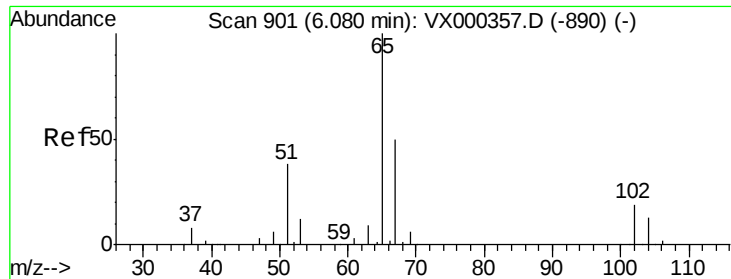
61 118.4 0.0 291.6

98 65.4 0.0 132.0



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 55.58 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000549.D

Acq: 30 Mar 2018 07:43

Instrument :

MSVOA_X

ClientSampleId :

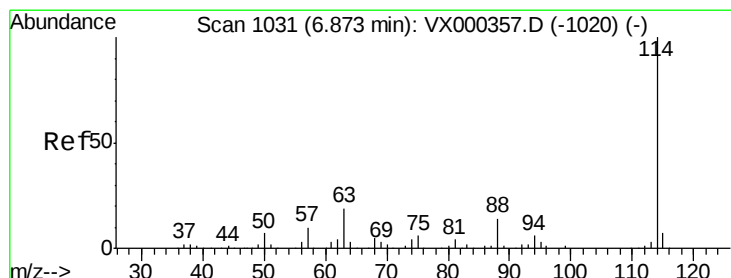
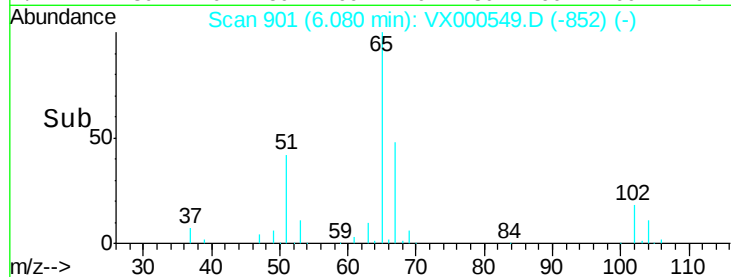
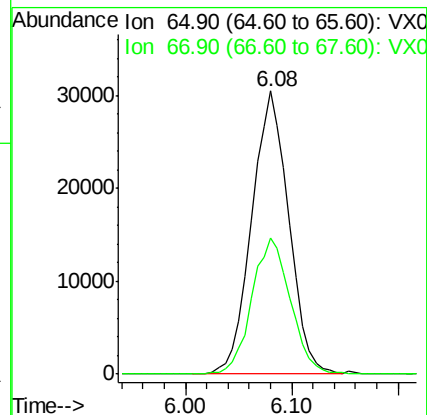
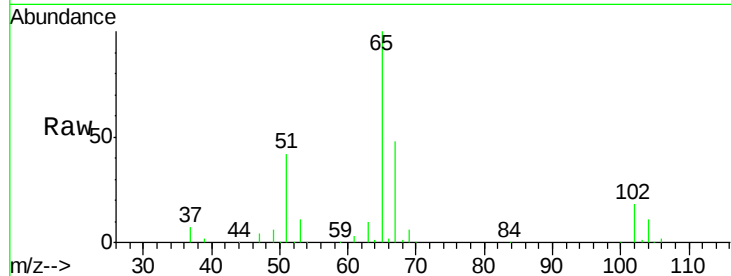
MW-3

Tot Ion: 65 Resp: 74531

Ion Ratio Lower Upper

65 100

67 50.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VX000549.D

Acq: 30 Mar 2018 07:43

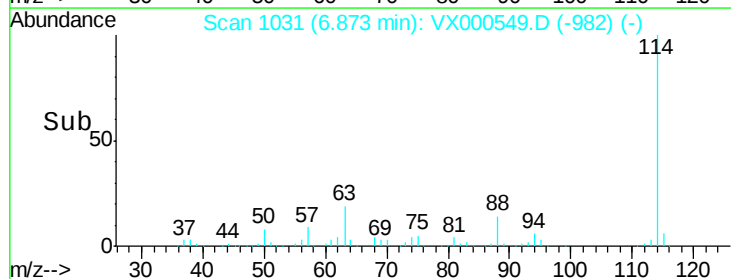
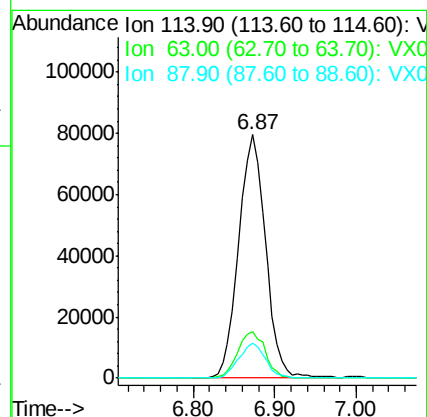
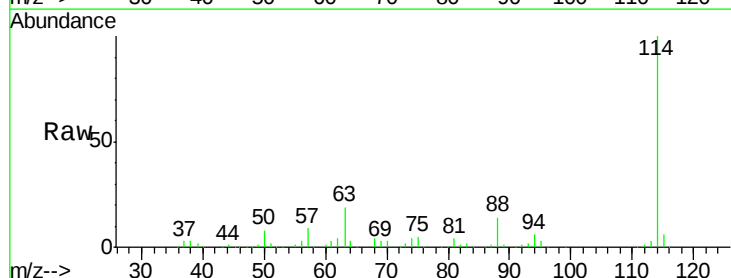
Tgt Ion: 114 Resp: 182366

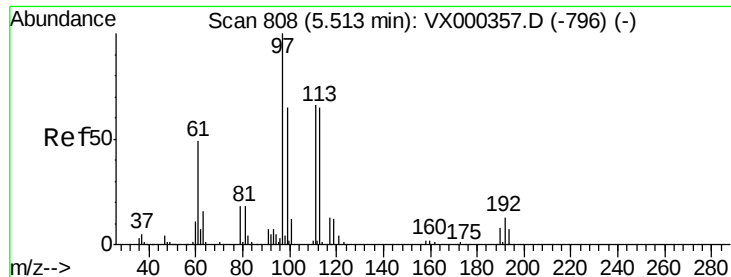
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 14.3 0.0 27.0





#35

Dibromofluoromethane

Concen: 50.73 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000549.D

Acq: 30 Mar 2018 07:43

Instrument :

MSVOA_X

ClientSampled :

MW-3

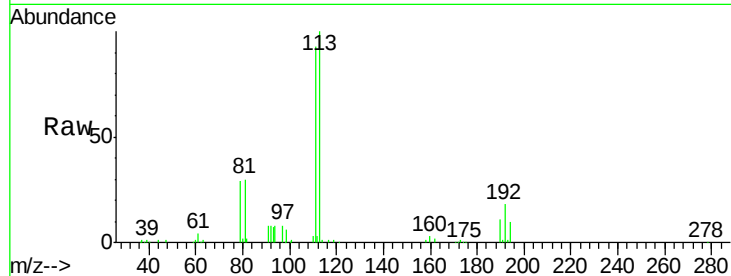
Tot Ion:113 Resp: 58296

Ion Ratio Lower Upper

113 100

111 101.6 82.4 123.6

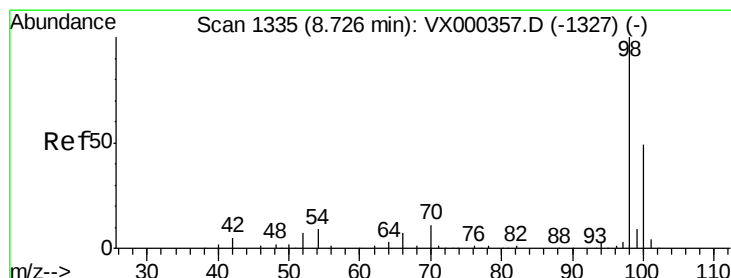
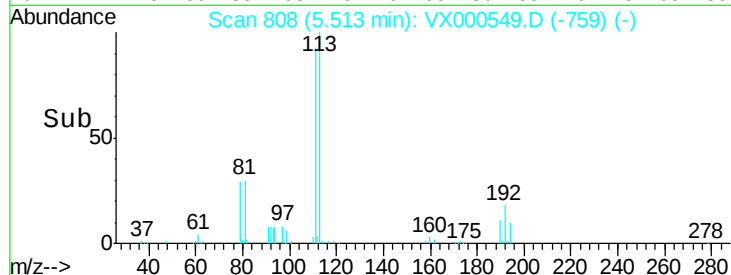
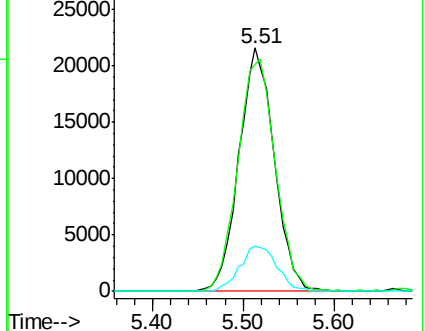
192 19.6 15.8 23.6



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



#50

Toluene-d8

Concen: 48.89 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000549.D

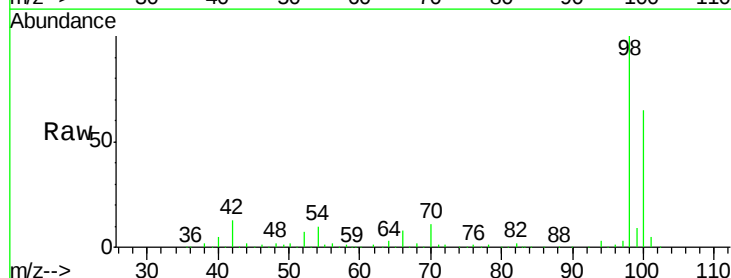
Acq: 30 Mar 2018 07:43

Tgt Ion: 98 Resp: 232645

Ion Ratio Lower Upper

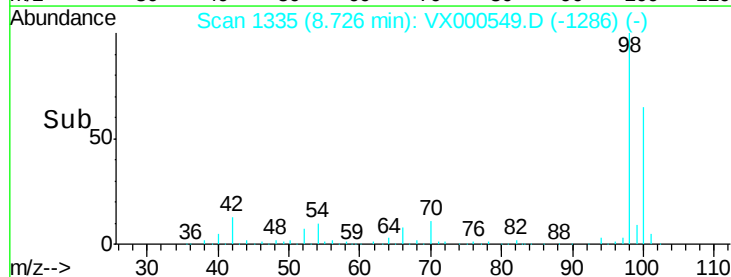
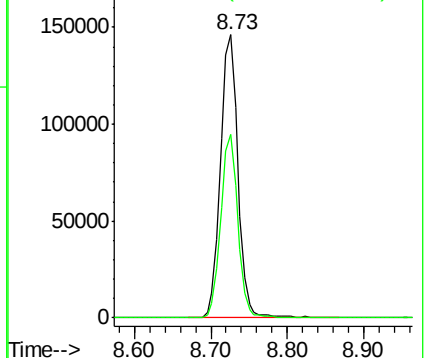
98 100

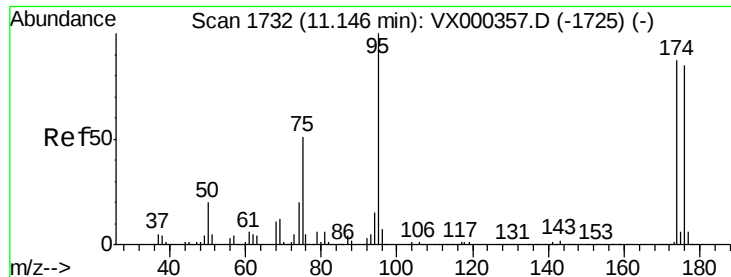
100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 41.52 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000549.D

Acq: 30 Mar 2018 07:43

Instrument :

MSVOA_X

ClientSampleId :

MW-3

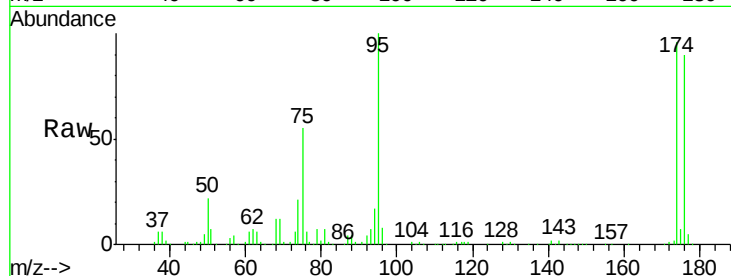
Tot Ion: 95 Resp: 81103

Ion Ratio Lower Upper

95 100

174 93.7 0.0 173.6

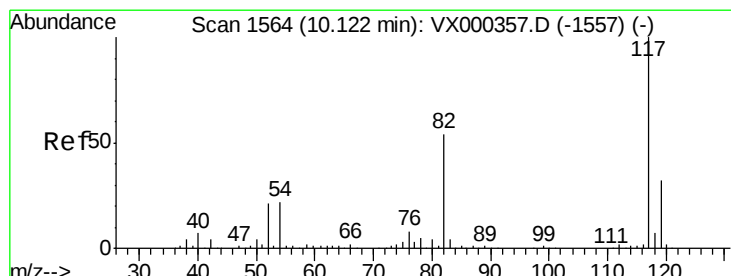
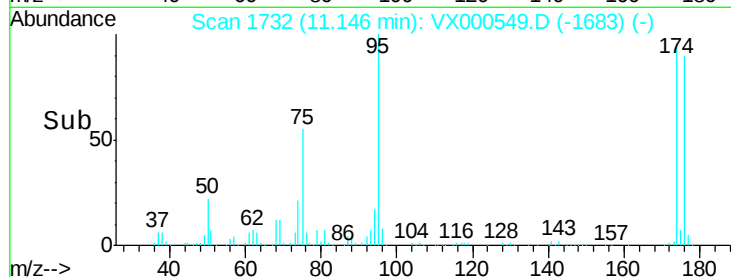
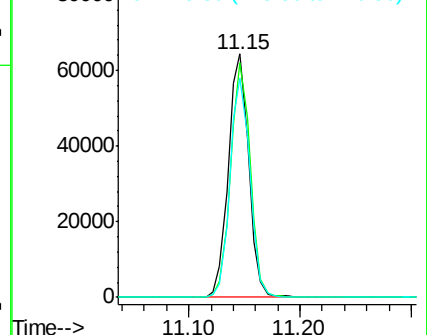
176 88.7 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000549.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000549.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000549.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000549.D

Acq: 30 Mar 2018 07:43

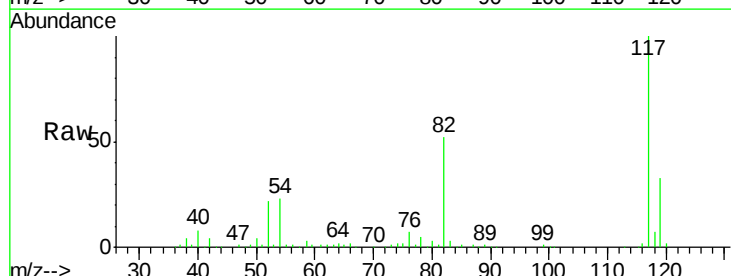
Tgt Ion: 117 Resp: 183626

Ion Ratio Lower Upper

117 100

82 52.0 43.8 65.8

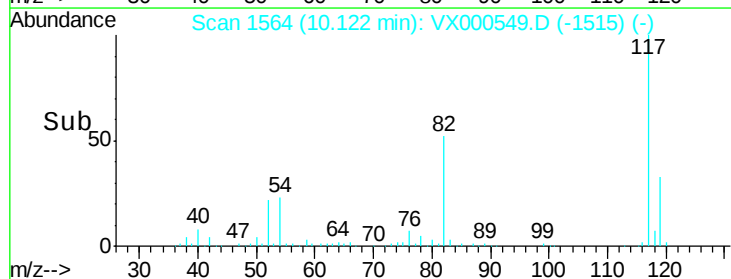
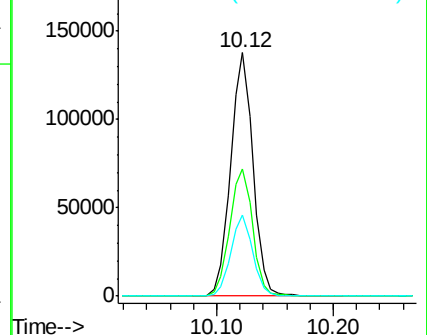
119 33.5 24.9 37.3

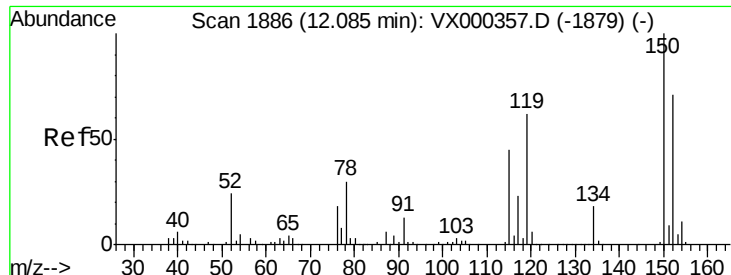


Abundance Ion 116.90 (116.60 to 117.60): VX000549.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000549.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000549.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000549.D

Acq: 30 Mar 2018 07:43

Instrument :

MSVOA_X

ClientSampleId :

MW-3

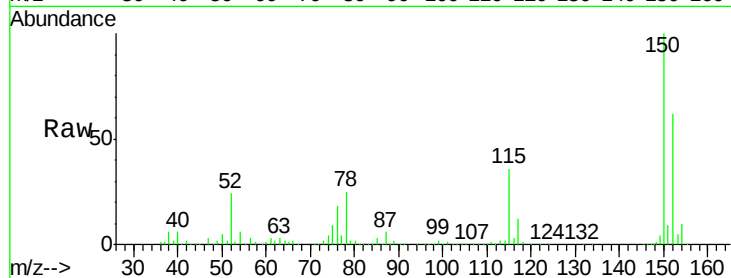
Tot Ion:152 Resp: 97002

Ion Ratio Lower Upper

152 100

115 56.9 39.8 119.3

150 157.8 0.0 344.4



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

