

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041418\
 Data File : VX000875.D
 Acq On : 14 Apr 2018 15:25
 Operator : JC/MD
 Sample : J2353-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW031-180411

Quant Time: Apr 16 06:47:43 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

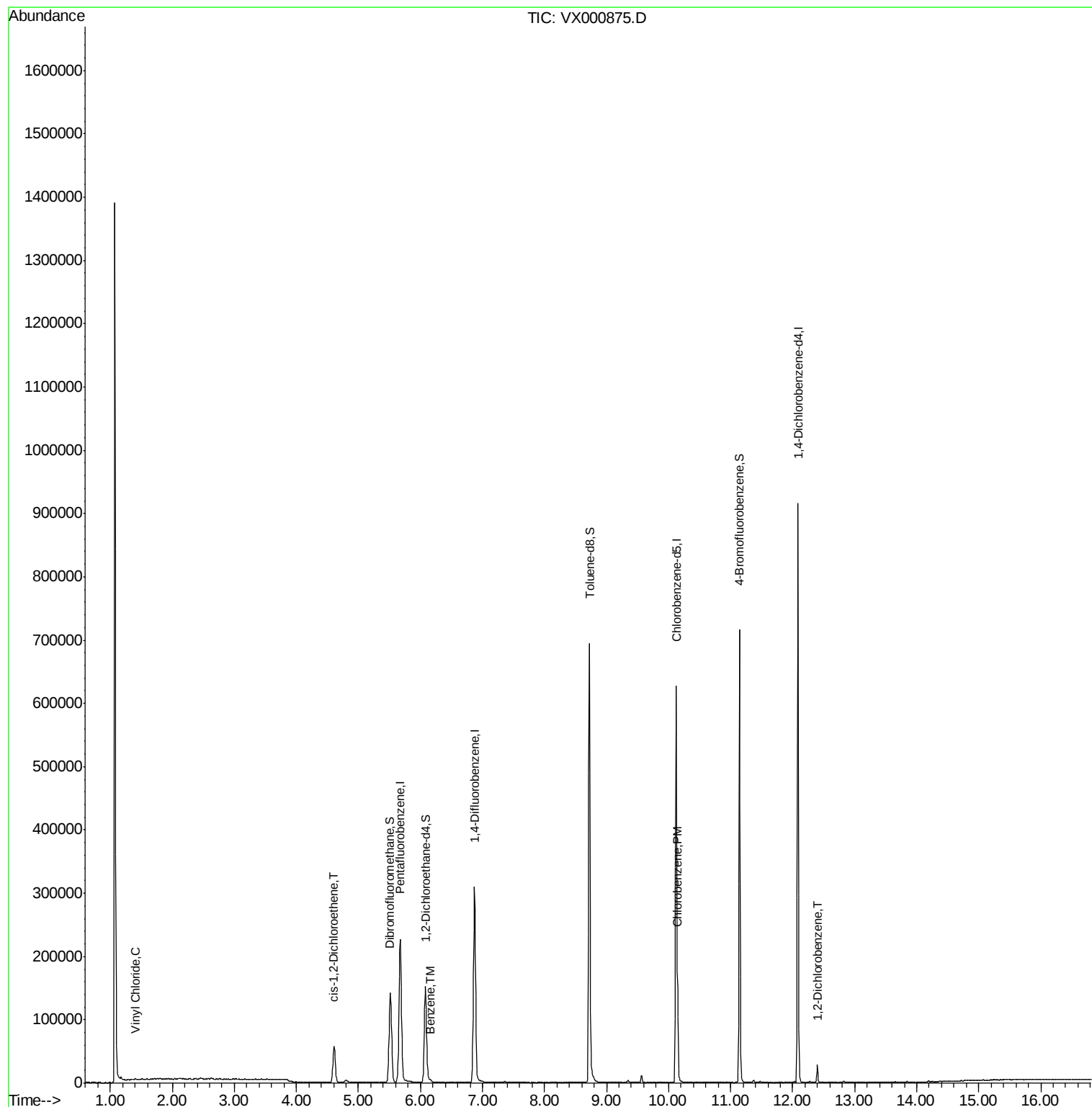
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	244926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	327467	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	300354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	195724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	143703	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
35) Dibromofluoromethane	5.51	113	117122	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
50) Toluene-d8	8.73	98	457014	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	11.15	95	174817	44.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.96%	
Target Compounds						
4) Vinyl Chloride	1.40	62	1547	0.58	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	36995	13.15	ug/l	88
40) Benzene	6.16	78	5529	0.55	ug/l	92
65) Chlorobenzene	10.15	112	57260	7.58	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	8778	1.35	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000875.D

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MSVOA_X

ClientSampleId :

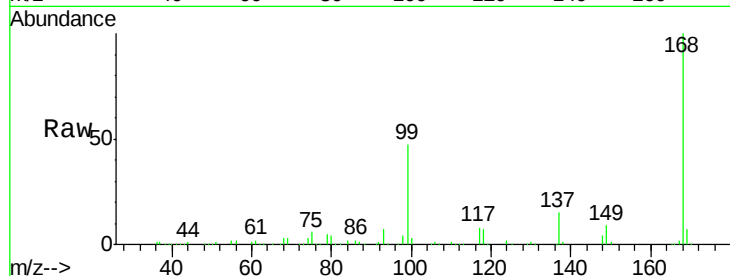
LF012MW031-180411

Tot Ion:168 Resp: 244926

Ion Ratio Lower Upper

168 100

99 47.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

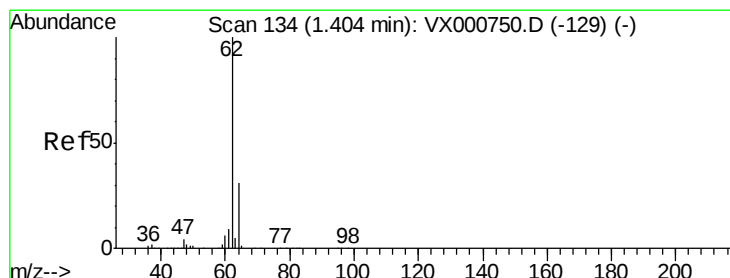
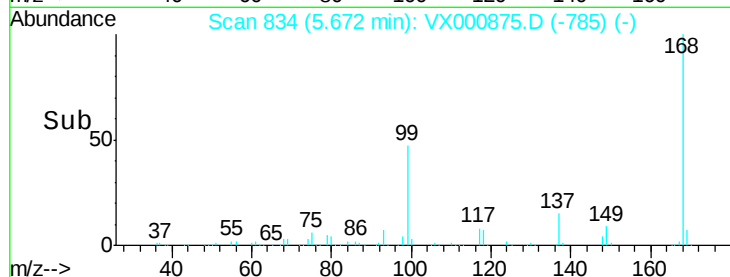
40000

20000

0

Time-->

5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.58 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX000875.D

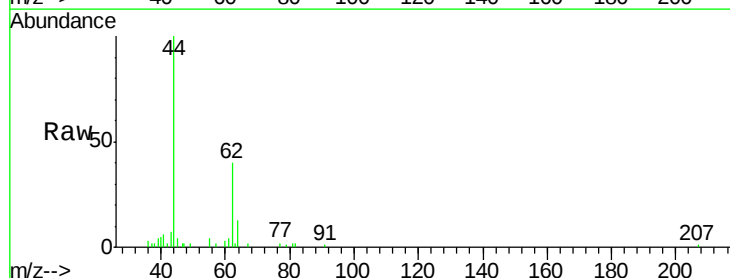
Acq: 14 Apr 2018 15:25

Tgt Ion: 62 Resp: 1547

Ion Ratio Lower Upper

62 100

64 31.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

1500

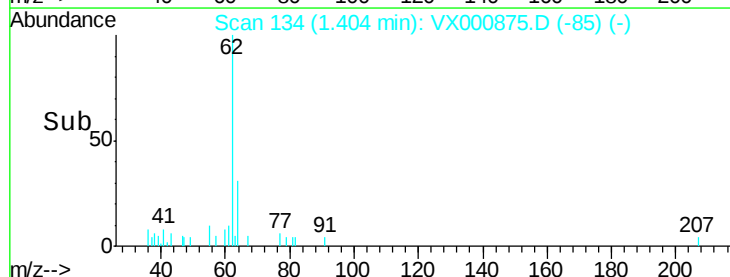
1000

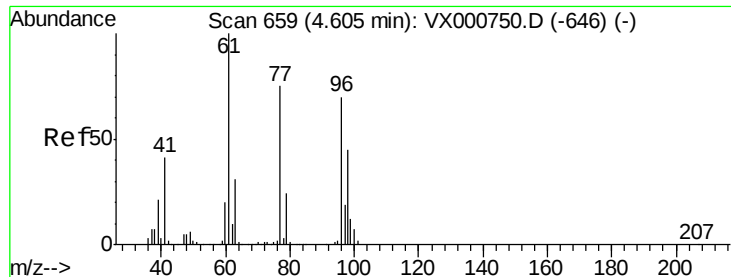
500

0

Time-->

1.35 1.40 1.45





#27

cis-1,2-Dichloroethene

Concen: 13.15 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX000875.D

Acq: 14 Apr 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

LF012MW031-180411

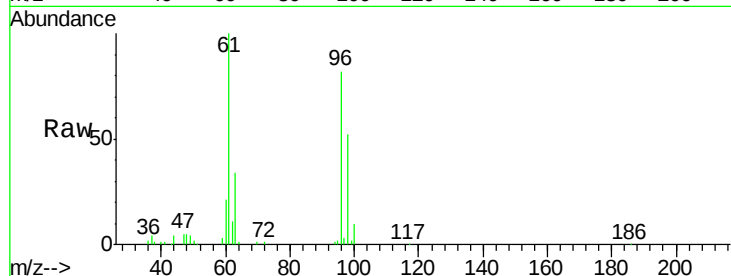
Tot Ion: 96 Resp: 36995

Ion Ratio Lower Upper

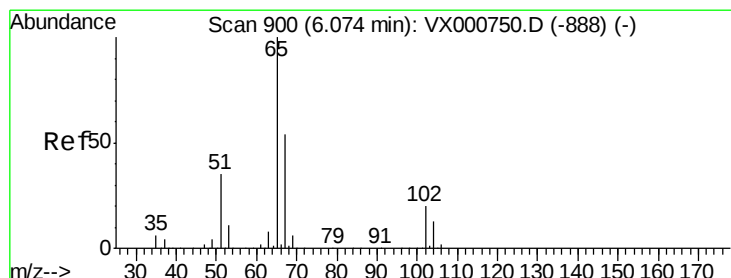
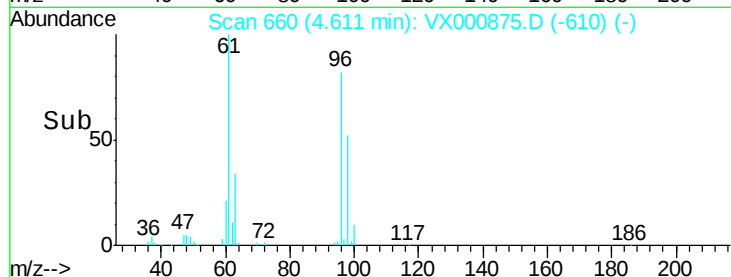
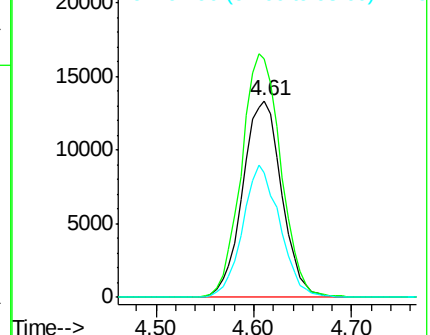
96 100

61 125.1 0.0 292.4

98 64.0 0.0 130.2



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: 46.53 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX000875.D

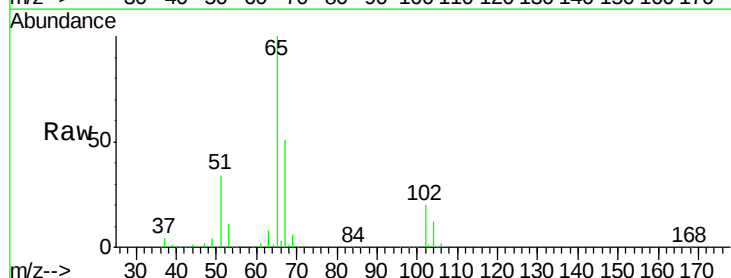
Acq: 14 Apr 2018 15:25

Tgt Ion: 65 Resp: 143703

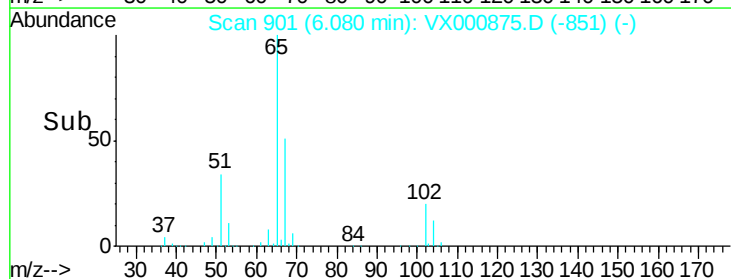
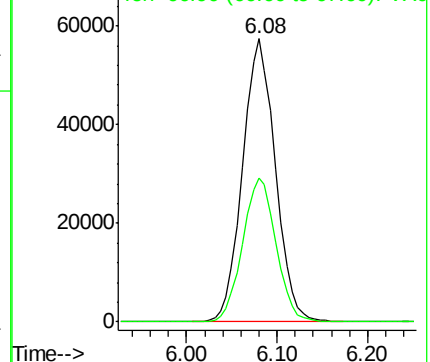
Ion Ratio Lower Upper

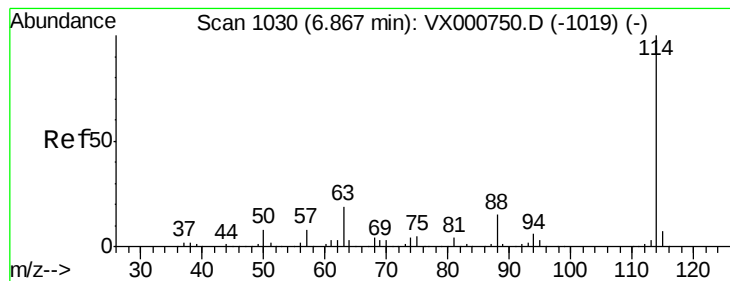
65 100

67 51.8 0.0 103.8



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





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX000875.D

Acq: 14 Apr 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

LF012MW031-180411

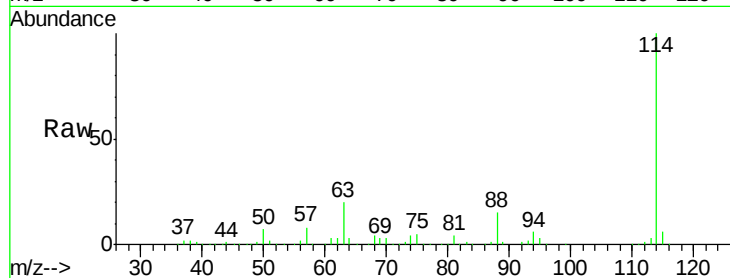
Tot Ion:114 Resp: 327467

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.4

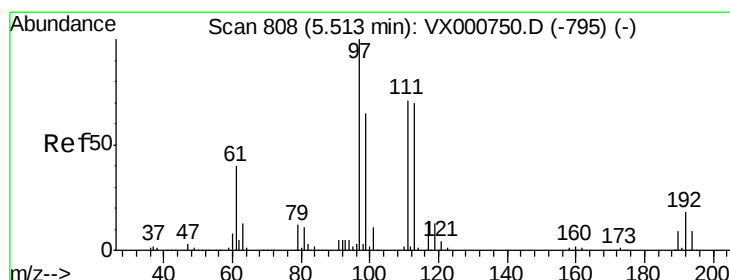
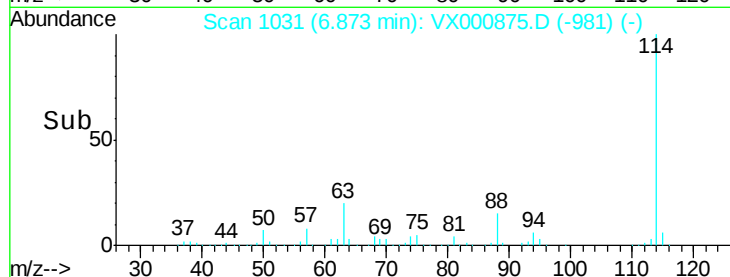
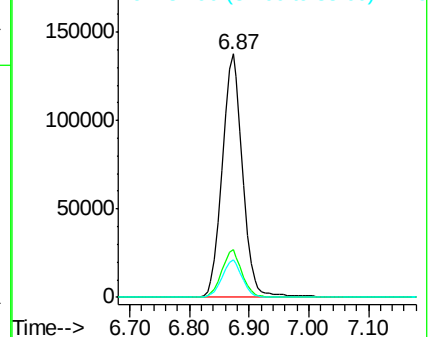
88 15.5 0.0 31.0



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: 46.42 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000875.D

Acq: 14 Apr 2018 15:25

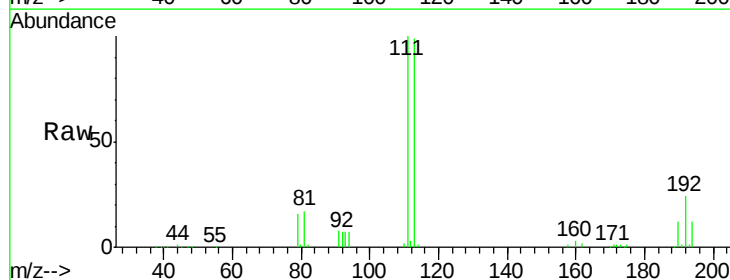
Tgt Ion:113 Resp: 117122

Ion Ratio Lower Upper

113 100

111 101.2 81.5 122.3

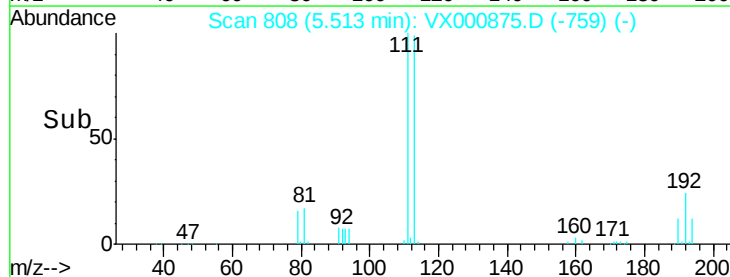
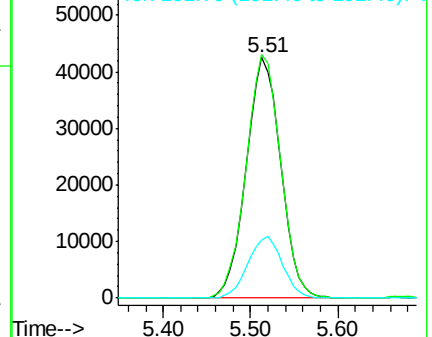
192 25.8 20.4 30.6

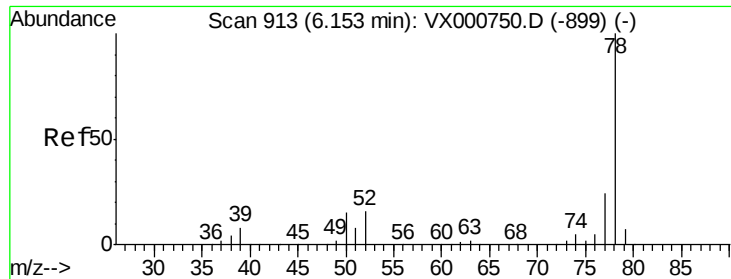


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

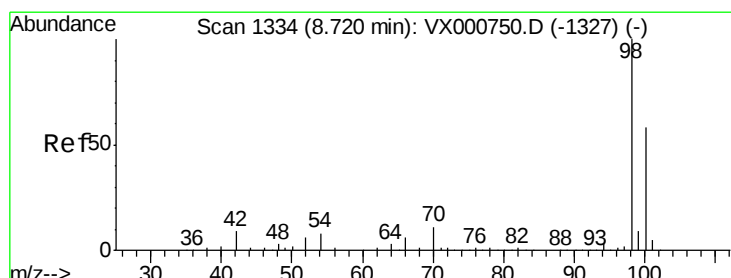
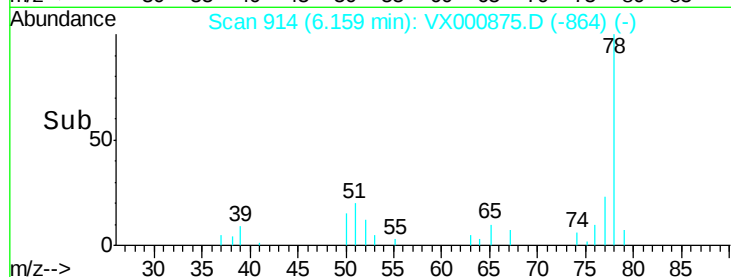
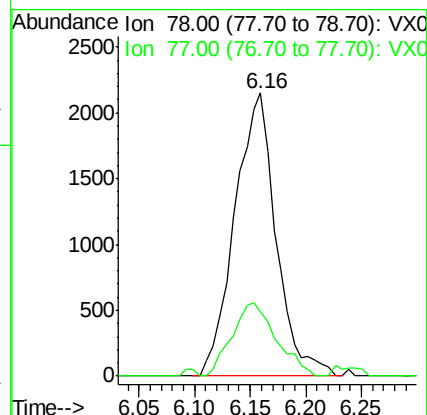
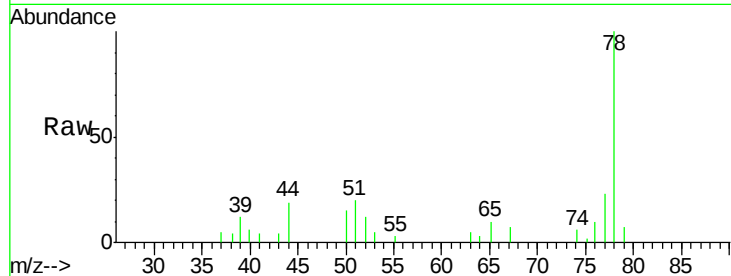




#40
Benzene
Concen: 0.55 ug/l
RT: 6.16 min Scan# 914
Delta R.T. 0.01 min
Lab File: VX000875.D
Acq: 14 Apr 2018 15:25

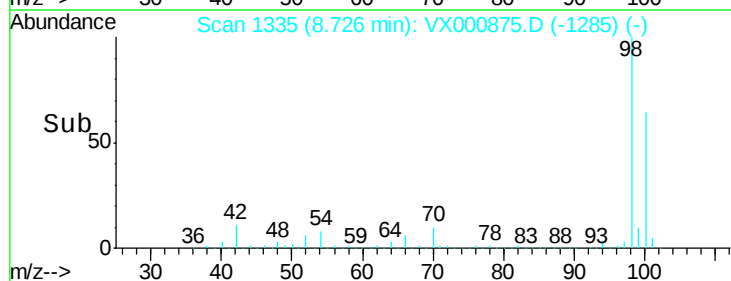
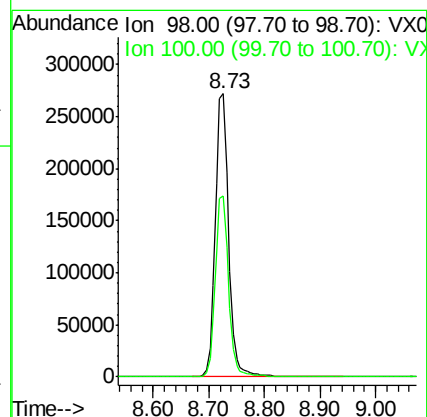
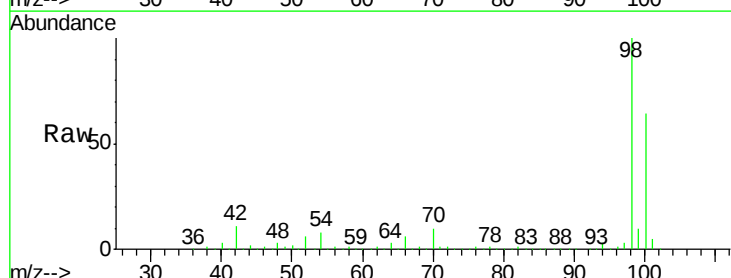
Instrument :
MSVOA_X
ClientSampleId :
LF012MW031-180411

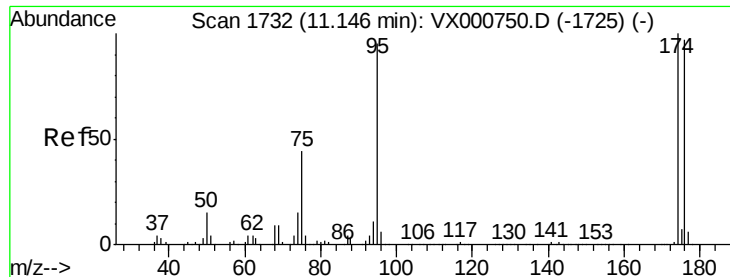
Tot Ion: 78 Resp: 5529
Ion Ratio Lower Upper
78 100
77 20.0 19.0 28.6



#50
Toluene-d8
Concen: 48.65 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.01 min
Lab File: VX000875.D
Acq: 14 Apr 2018 15:25

Tgt Ion: 98 Resp: 457014
Ion Ratio Lower Upper
98 100
100 64.2 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 44.98 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000875.D

Acq: 14 Apr 2018 15:25

Instrument :

MSVOA_X

ClientSampleId :

LF012MW031-180411

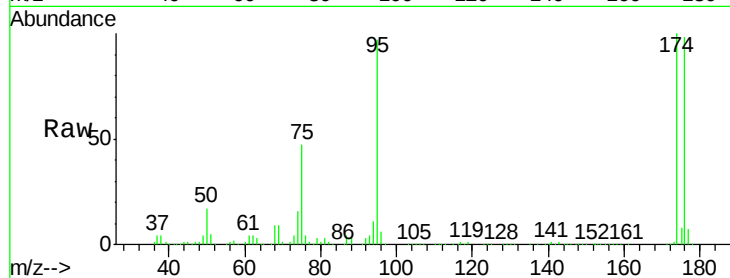
Tot Ion: 95 Resp: 174817

Ion Ratio Lower Upper

95 100

174 97.5 0.0 198.4

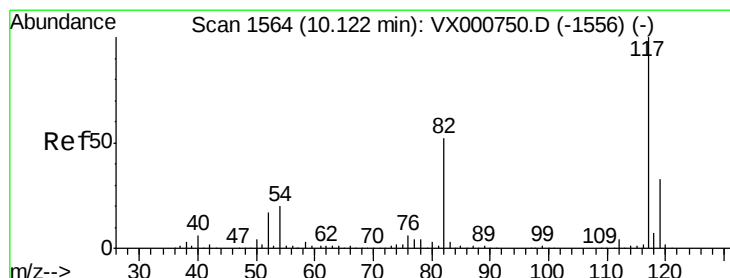
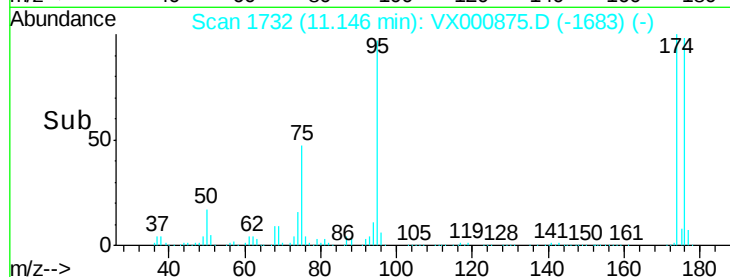
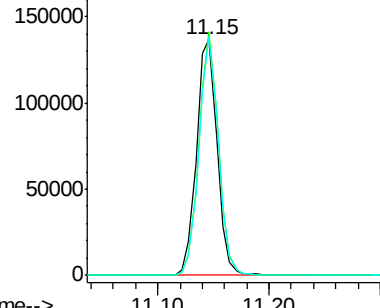
176 95.5 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX000875.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000875.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000875.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000875.D

Acq: 14 Apr 2018 15:25

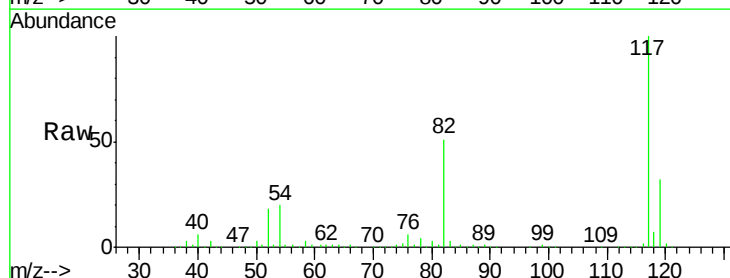
Tgt Ion: 117 Resp: 300354

Ion Ratio Lower Upper

117 100

82 50.8 41.9 62.9

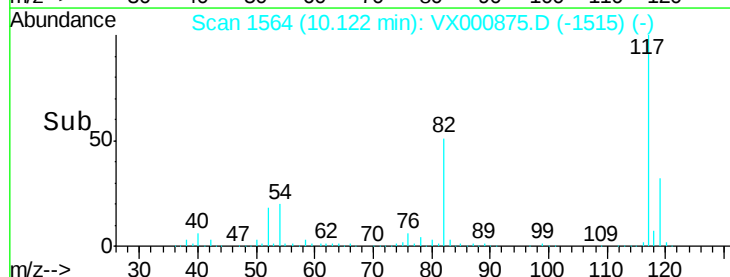
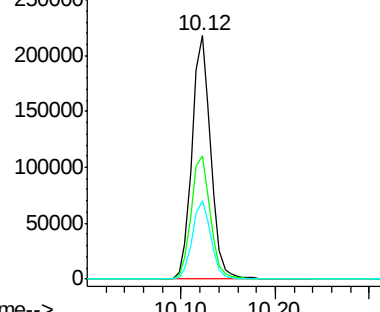
119 32.1 26.0 39.0

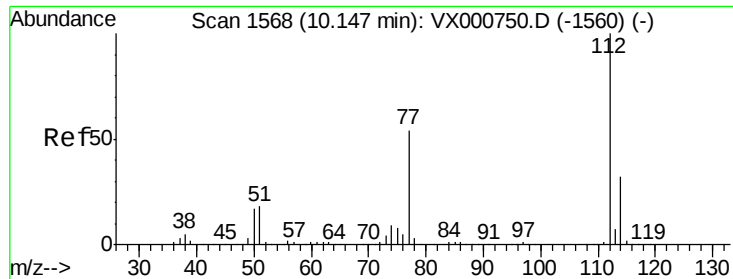


Abundance Ion 116.90 (116.60 to 117.60): VX000875.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000875.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000875.D (-1515) (-)

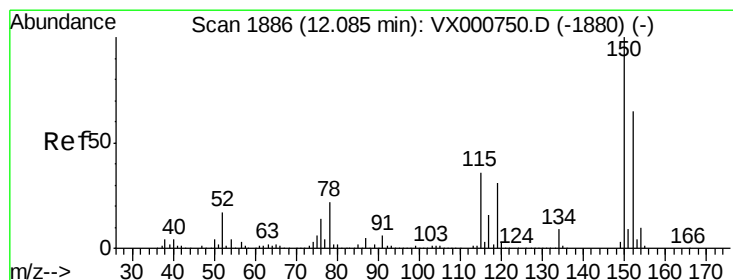
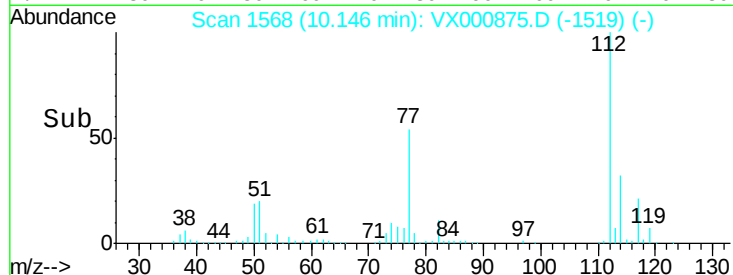
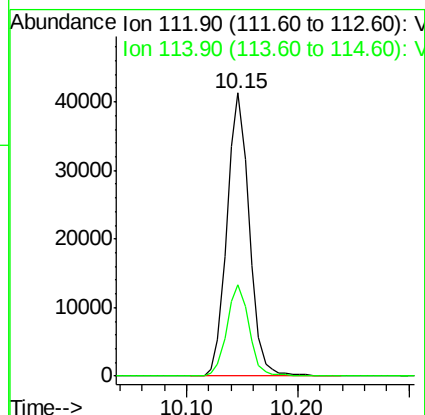
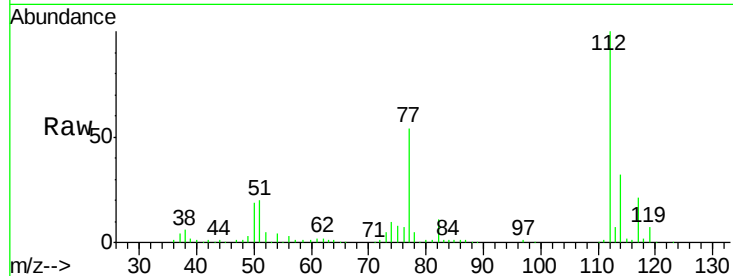




#65
Chlorobenzene
Concen: 7.58 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX000875.D
Acq: 14 Apr 2018 15:25

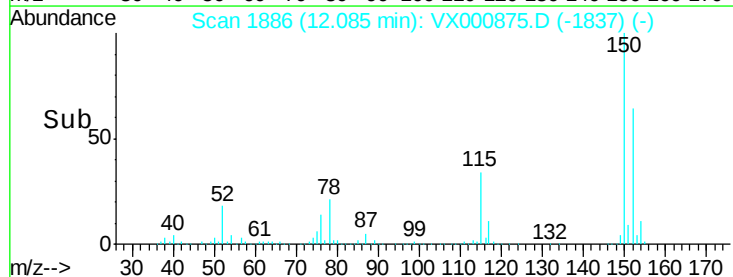
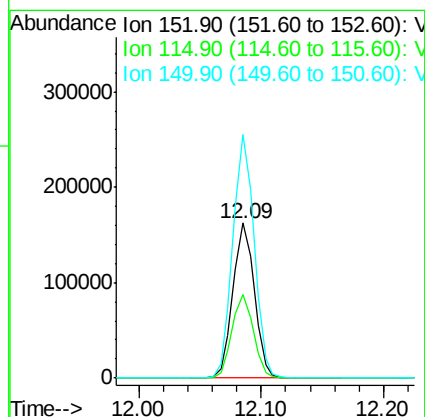
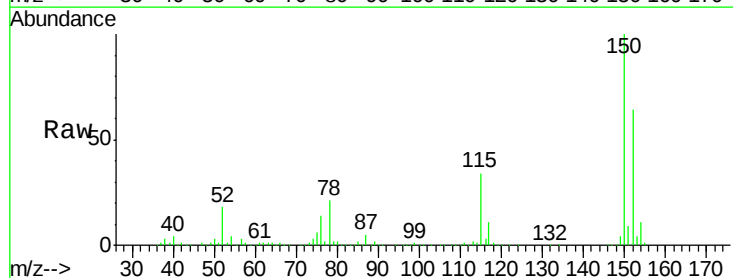
Instrument :
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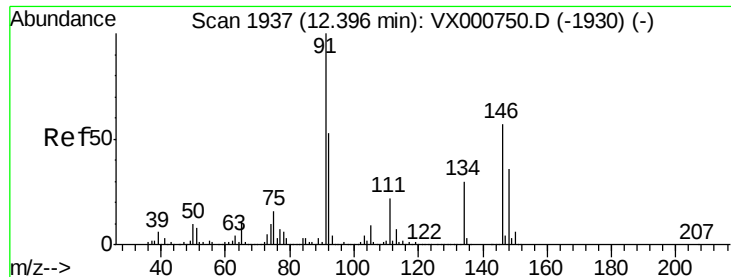
Tot Ion:112 Resp: 57260
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX000875.D
Acq: 14 Apr 2018 15:25

Tgt Ion:152 Resp: 195724
Ion Ratio Lower Upper
152 100
115 53.7 37.9 113.7
150 156.4 0.0 348.0





#91
 1,2-Dichlorobenzene
 Concen: 1.35 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX000875.D
 Acq: 14 Apr 2018 15:25

Instrument :
 MSVOA_X
 ClientSampleId :
 LF012MW031-180411

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	18.9	56.7
148	64.7	32.0	96.2

