

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042418\
 Data File : VX001082.D
 Acq On : 24 Apr 2018 17:37
 Operator : JC/MD
 Sample : J2377-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW006-180412

Quant Time: Apr 25 07:34:44 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 05:03:28 2018
 Response via : Initial Calibration

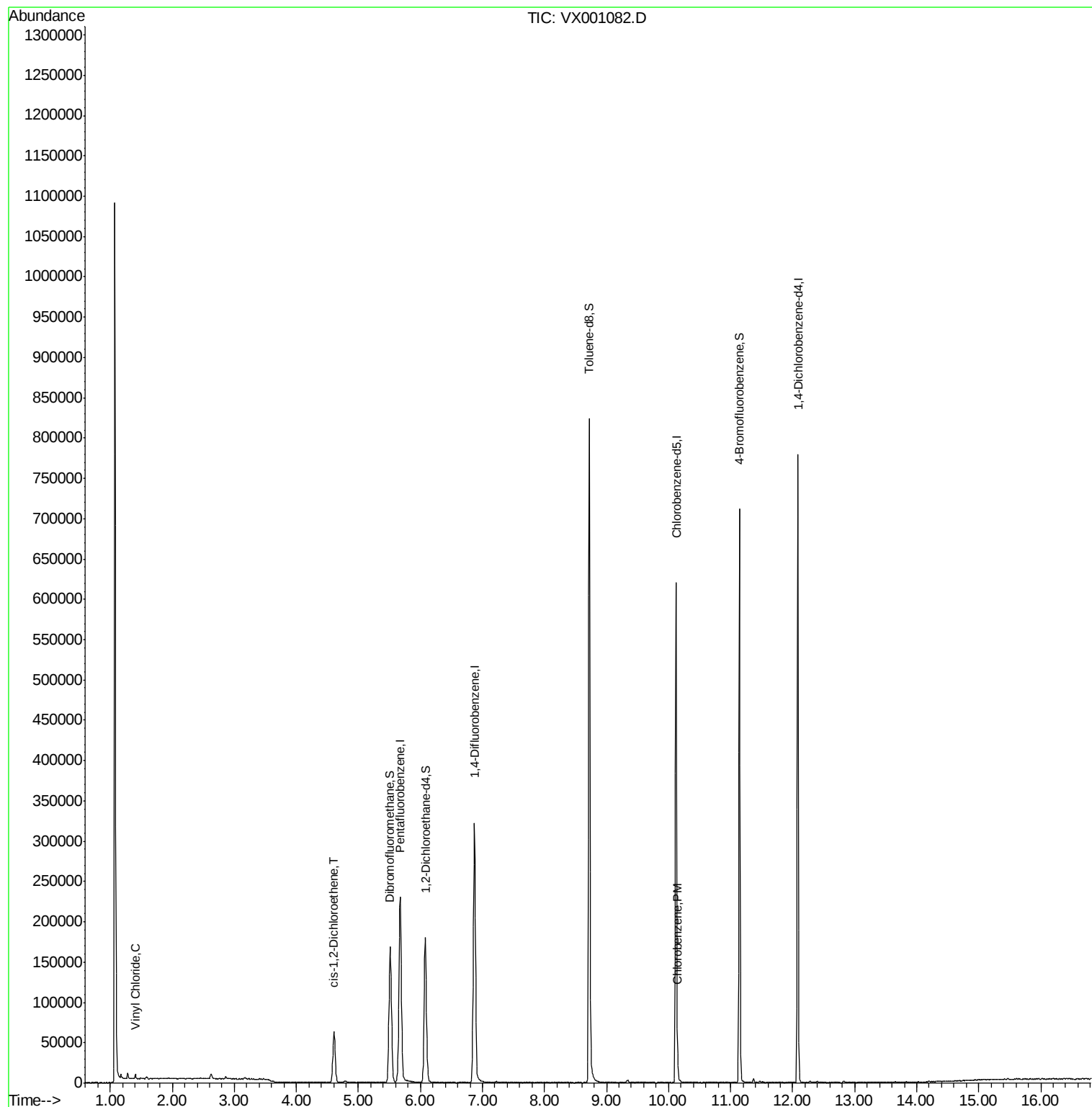
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338489	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	167532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	176690	57.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.54%	
35) Dibromofluoromethane	5.51	113	136084	52.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.44%	
50) Toluene-d8	8.72	98	513909	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
62) 4-Bromofluorobenzene	11.14	95	177787	44.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.78%	
Target Compounds						
4) Vinyl Chloride	1.40	62	2905	1.01	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	38387	13.17	ug/l	90
65) Chlorobenzene	10.15	112	9160	1.15	ug/l	96

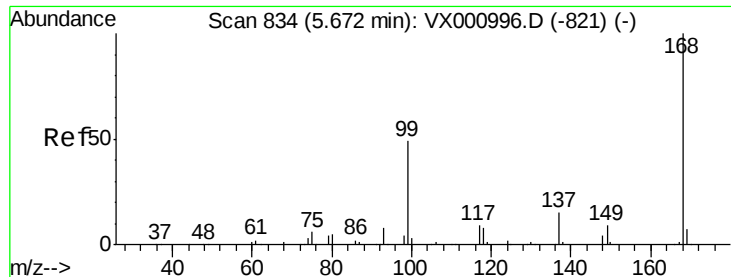
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001082.D

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ClientSampleId :

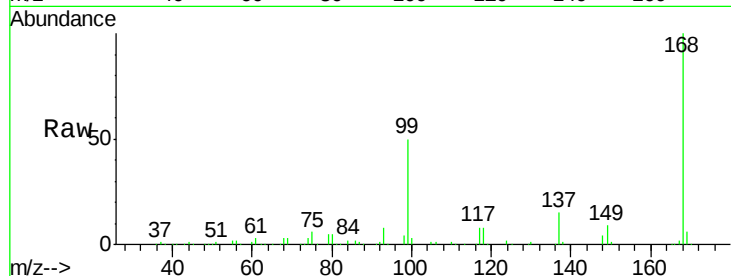
LF014MW006-180412

Tot Ion:168 Resp: 241287

Ion Ratio Lower Upper

168 100

99 49.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

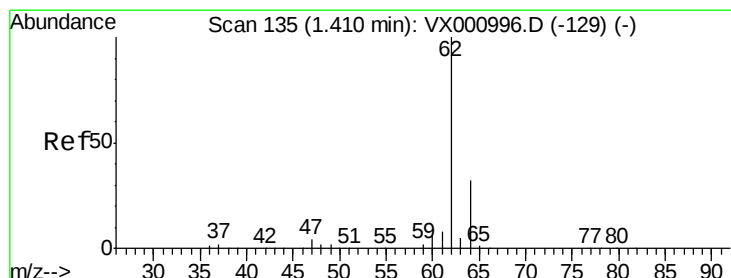
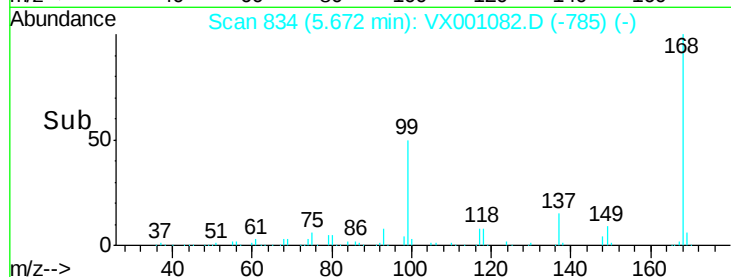
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 1.01 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001082.D

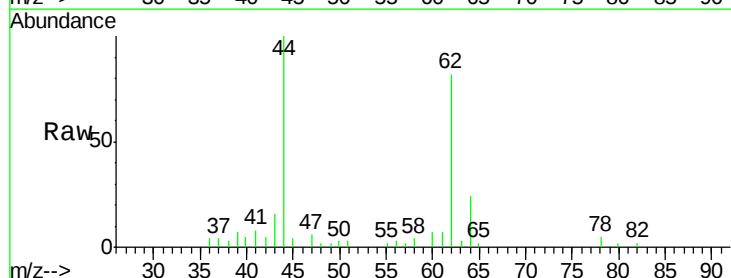
Acq: 24 Apr 2018 17:37

Tgt Ion: 62 Resp: 2905

Ion Ratio Lower Upper

62 100

64 29.2 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

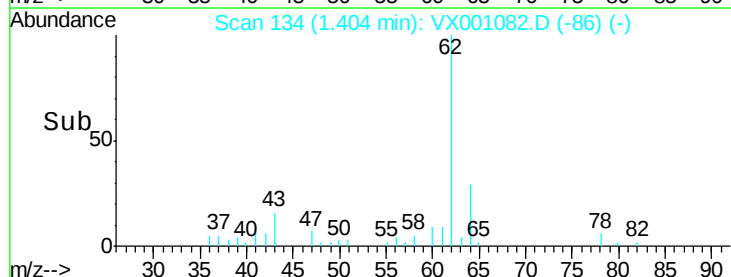
3000

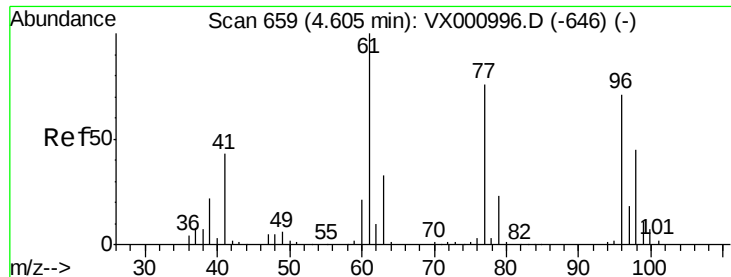
2000

1000

0

Time--> 1.35 1.40 1.45





#27

cis-1,2-Dichloroethene

Concen: 13.17 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001082.D

Acq: 24 Apr 2018 17:37

Instrument :

MSVOA_X

ClientSampleId :

LF014MW006-180412

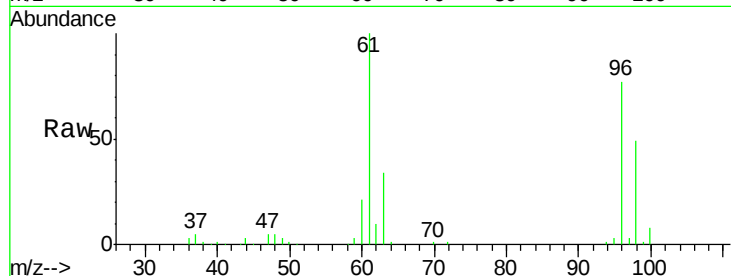
Tot Ion: 96 Resp: 38387

Ion Ratio Lower Upper

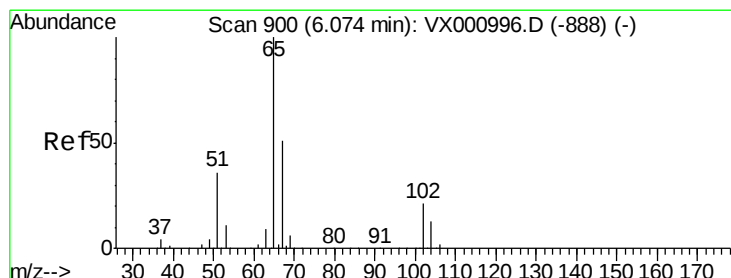
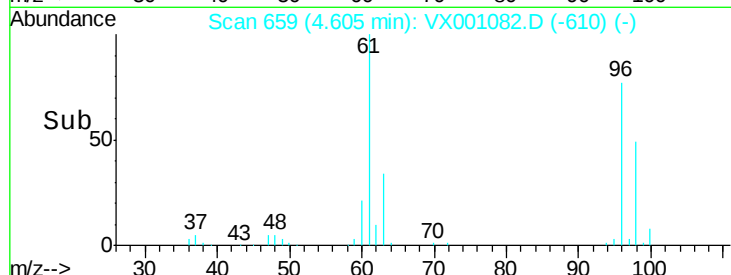
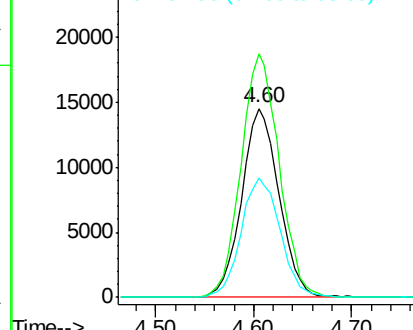
96 100

61 131.6 0.0 297.0

98 66.2 0.0 130.0



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: 57.77 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001082.D

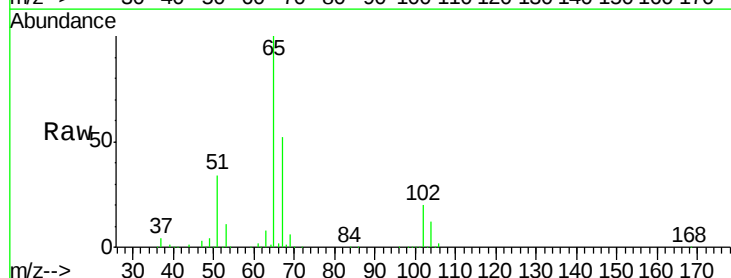
Acq: 24 Apr 2018 17:37

Tgt Ion: 65 Resp: 176690

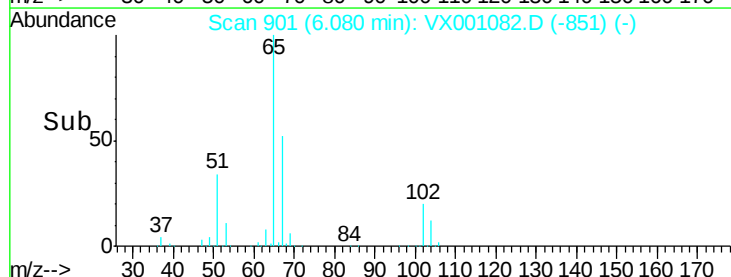
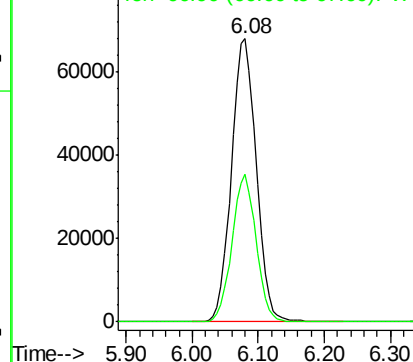
Ion Ratio Lower Upper

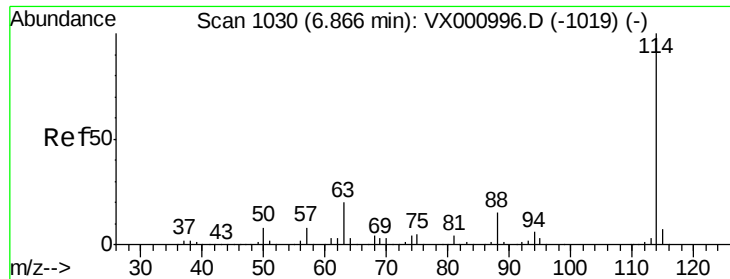
65 100

67 50.5 0.0 102.6



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

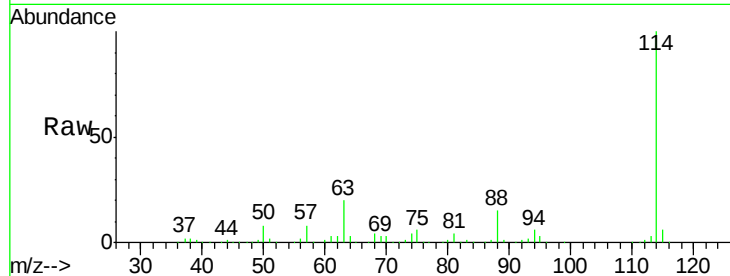




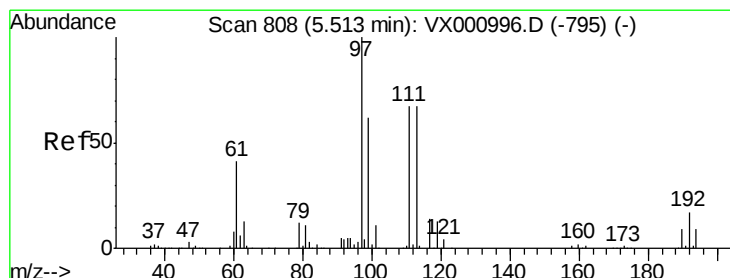
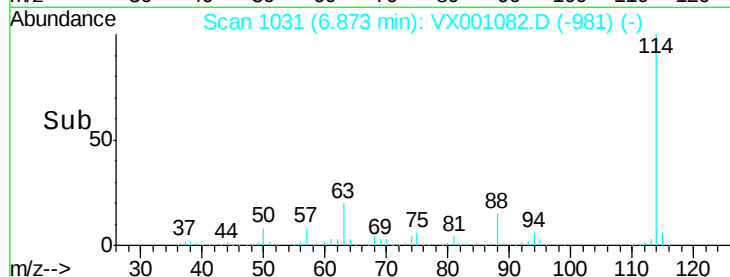
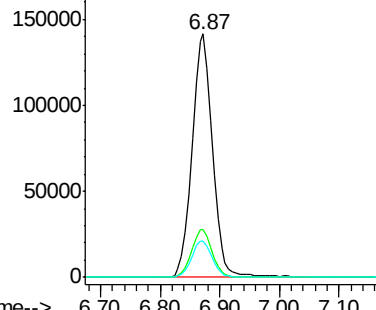
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001082.D
 Acq: 24 Apr 2018 17:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW006-180412

Tot Ion:114 Resp: 338489
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.4
 88 14.9 0.0 29.8

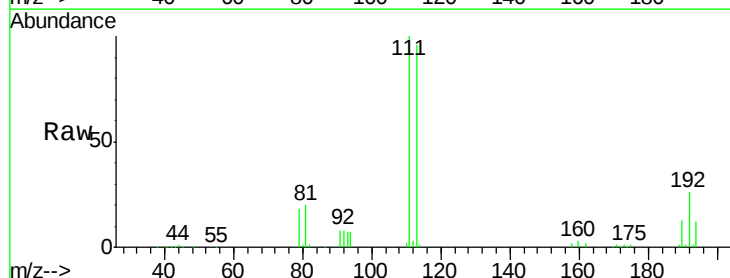


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

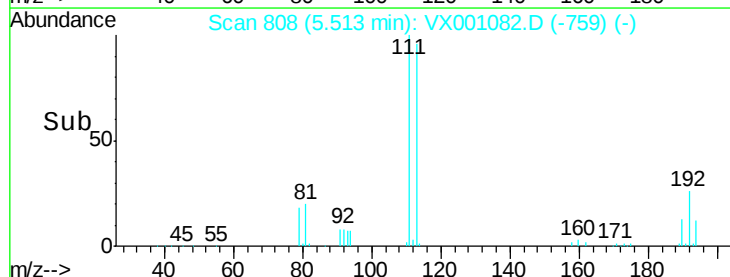
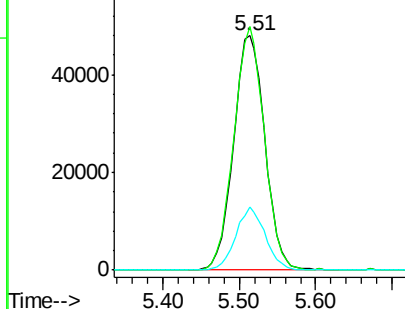


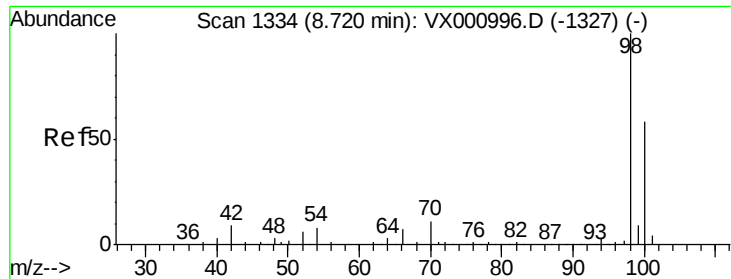
#35
 Dibromofluoromethane
 Concen: 52.72 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001082.D
 Acq: 24 Apr 2018 17:37

Tgt Ion:113 Resp: 136084
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.4 122.2
 192 25.2 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





#50

Toluene-d8

Concen: 53.85 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001082.D

Acq: 24 Apr 2018 17:37

Instrument :

MSVOA_X

ClientSampleId :

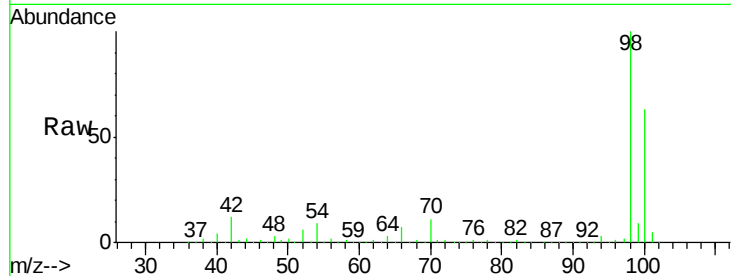
LF014MW006-180412

Tot Ion: 98 Resp: 513909

Ion Ratio Lower Upper

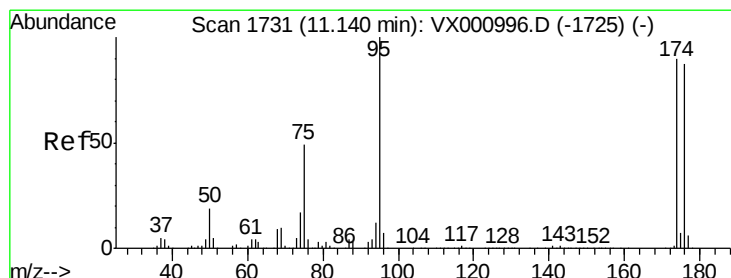
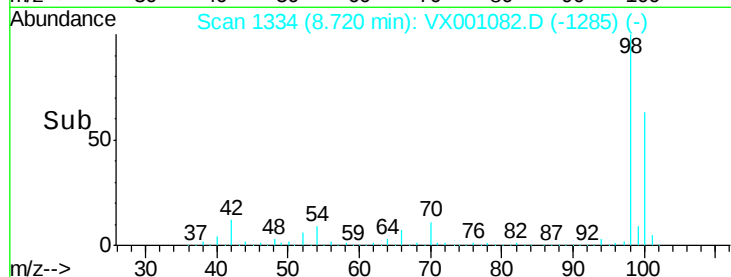
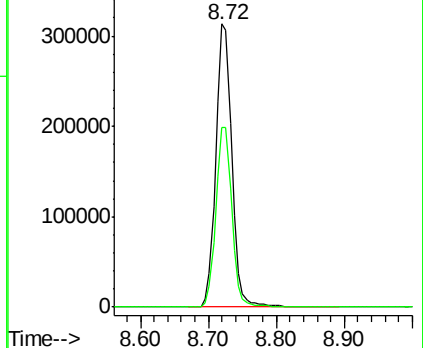
98 100

100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 44.39 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001082.D

Acq: 24 Apr 2018 17:37

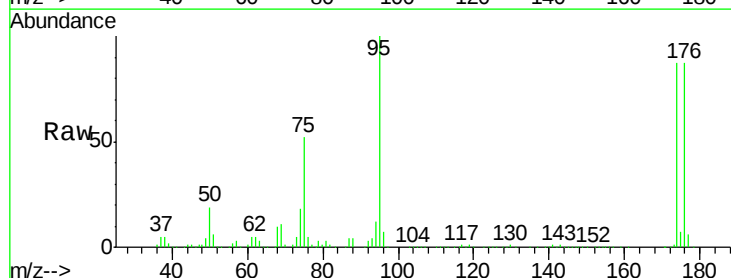
Tgt Ion: 95 Resp: 177787

Ion Ratio Lower Upper

95 100

174 96.5 0.0 198.4

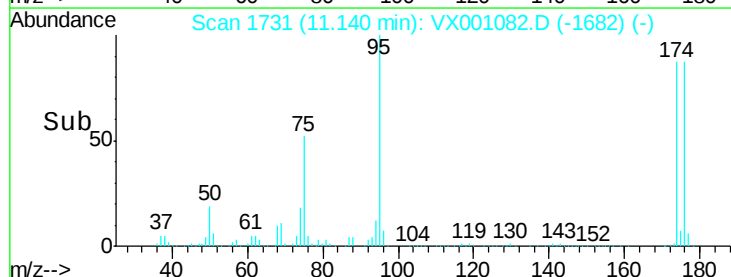
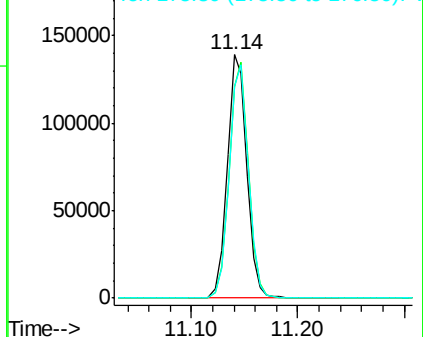
176 95.5 0.0 192.0

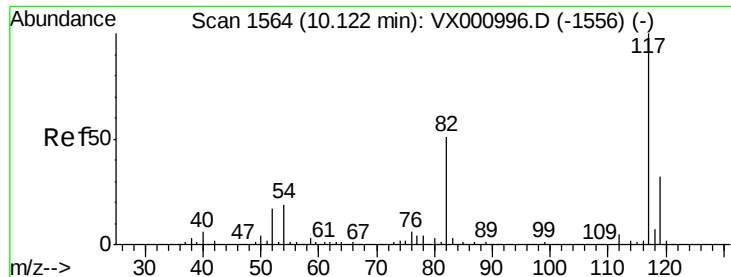


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

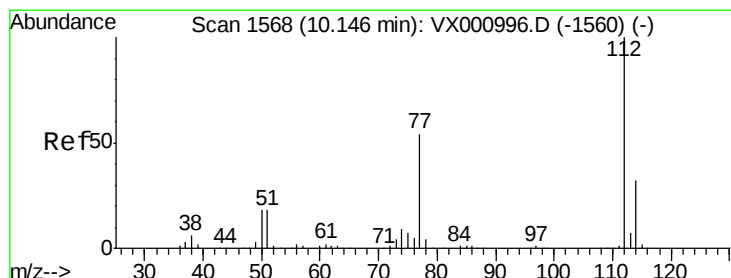
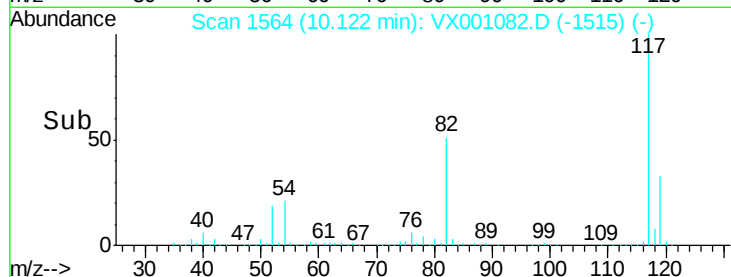
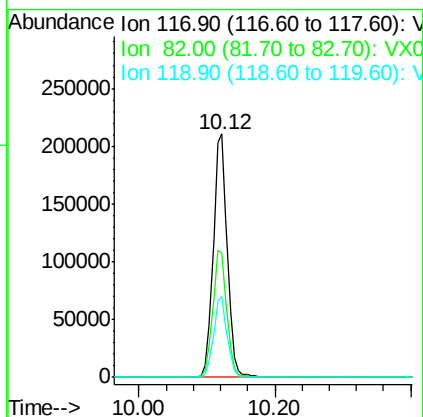
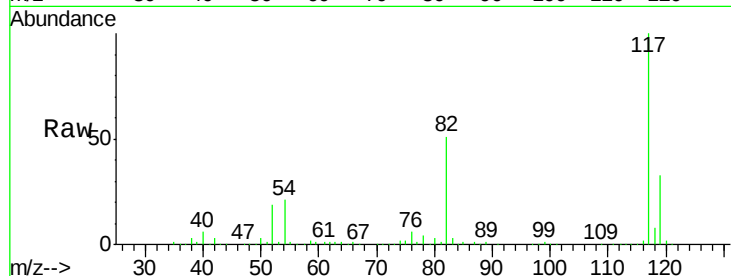




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001082.D
Acq: 24 Apr 2018 17:37

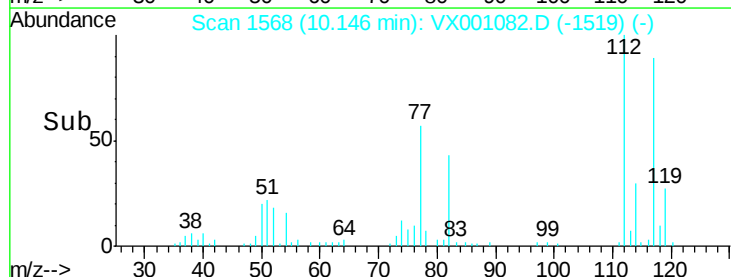
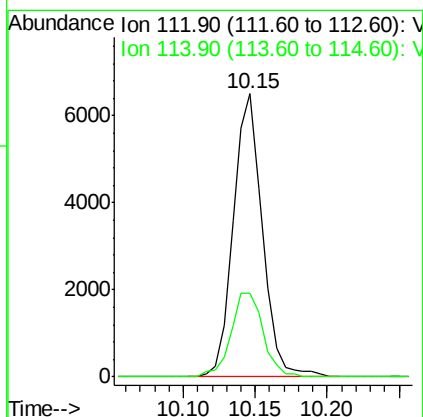
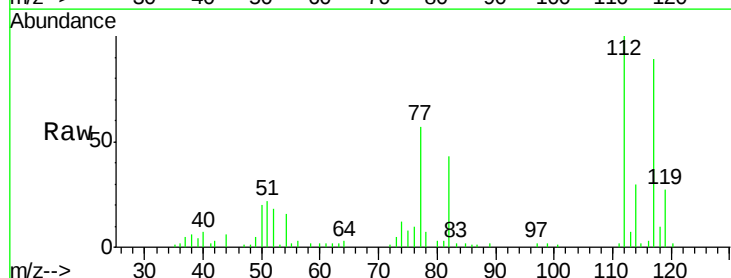
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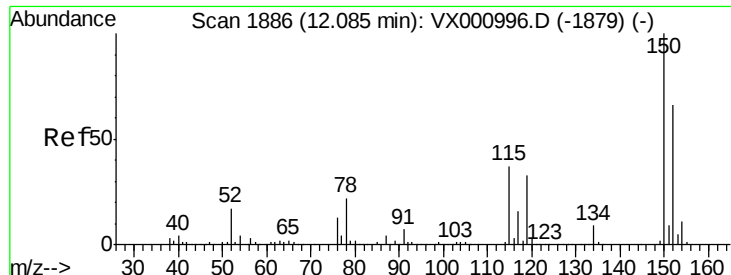
Tot Ion:117 Resp: 299481
Ion Ratio Lower Upper
117 100
82 51.2 40.6 60.8
119 33.2 26.0 39.0



#65
Chlorobenzene
Concen: 1.15 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001082.D
Acq: 24 Apr 2018 17:37

Tgt Ion:112 Resp: 9160
Ion Ratio Lower Upper
112 100
114 29.5 25.5 38.3

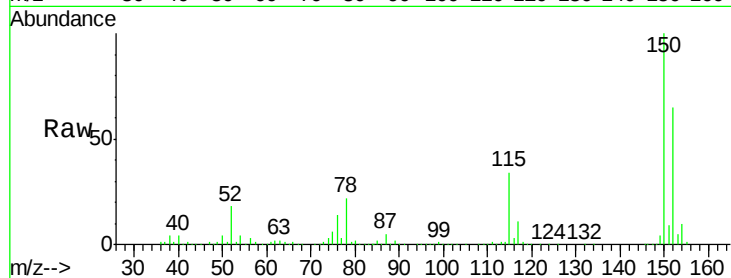




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.09 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX001082.D
 Acq: 24 Apr 2018 17:37

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014MW006-180412

Tot Ion:152 Resp: 167532
 Ion Ratio Lower Upper
 152 100
 115 53.8 38.2 114.6
 150 155.0 0.0 350.4



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

