

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001057.D
 Acq On : 23 Apr 2018 14:37
 Operator : JC/MD
 Sample : J2377-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-180412

Quant Time: Apr 24 07:30:09 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

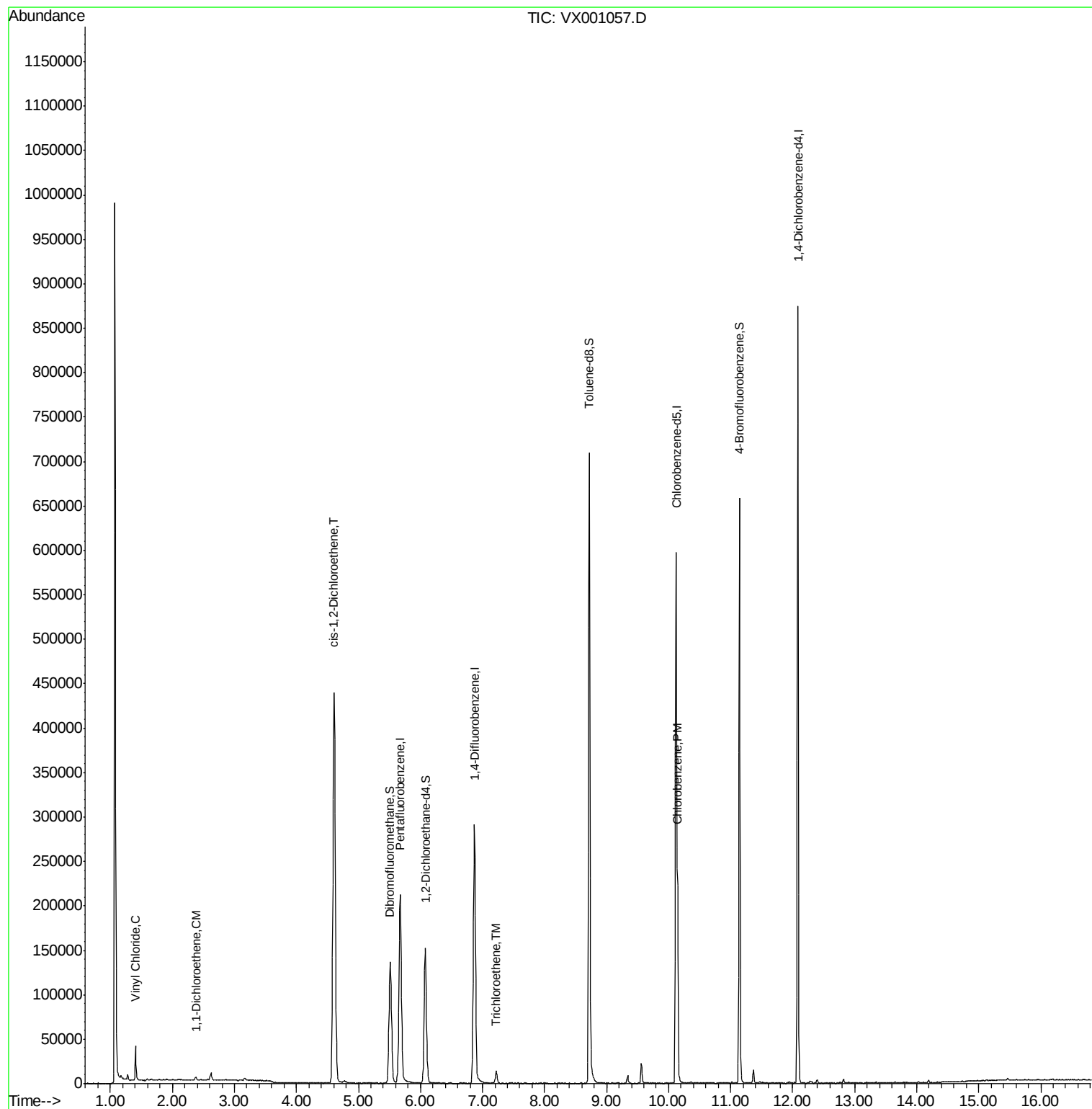
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223529	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314206	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	287858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	186084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	146172	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
35) Dibromofluoromethane	5.51	113	112767	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	8.72	98	441393	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	11.14	95	166224	44.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.42%	
Target Compounds						
4) Vinyl Chloride	1.40	62	25564	9.55	ug/l	99
12) 1,1-Dichloroethene	2.38	96	1263	0.58	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	285004	105.53	ug/l	89
44) Trichloroethene	7.22	130	5025	1.60	ug/l	92
65) Chlorobenzene	10.15	112	92988	12.13	ug/l	97

(#) = 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: VX001057.D

Acq: 23 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

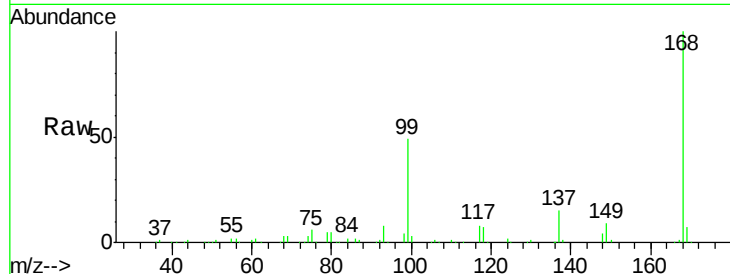
LF014RW131-180412

Tot Ion:168 Resp: 223529

Ion Ratio Lower Upper

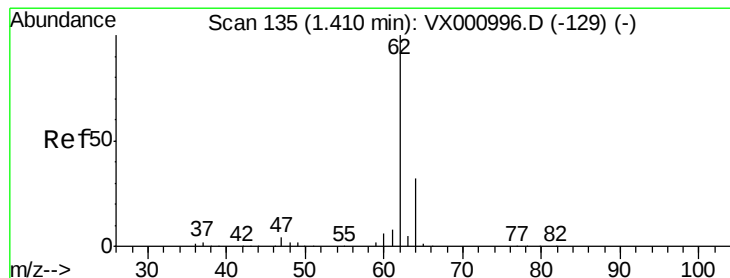
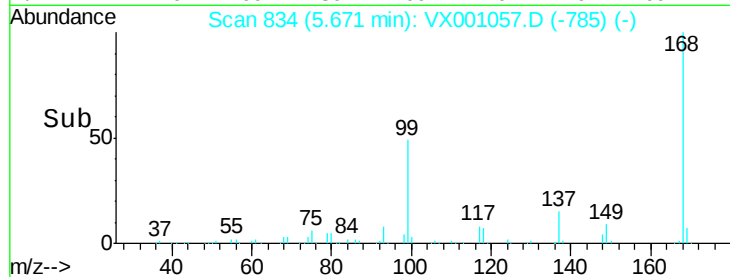
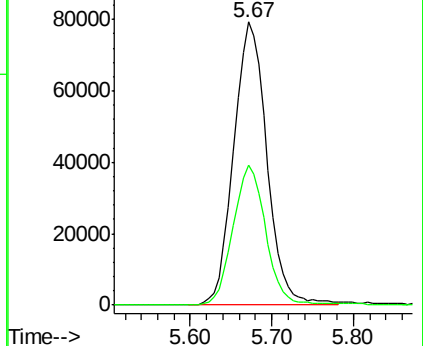
168 100

99 49.4 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 9.55 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001057.D

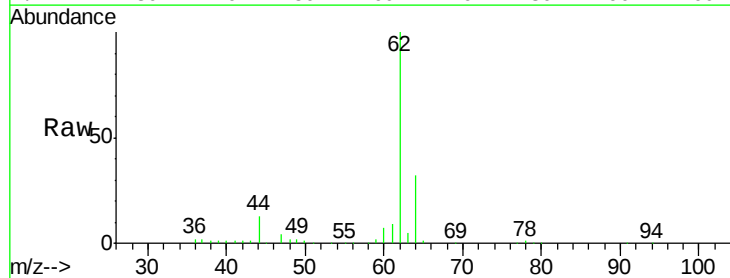
Acq: 23 Apr 2018 14:37

Tgt Ion: 62 Resp: 25564

Ion Ratio Lower Upper

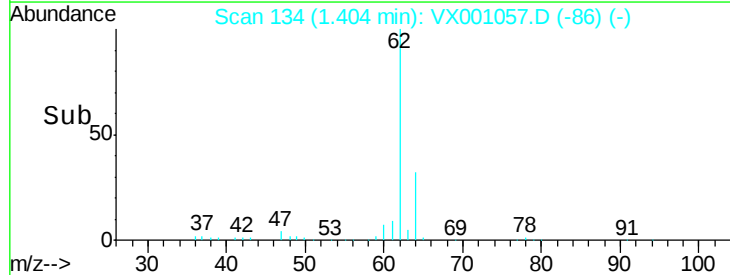
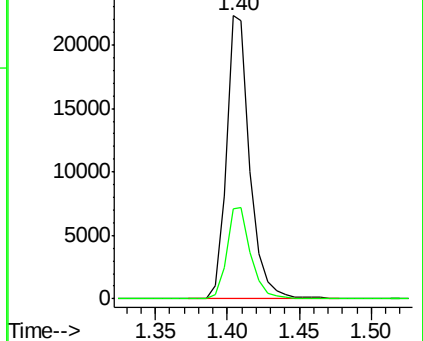
62 100

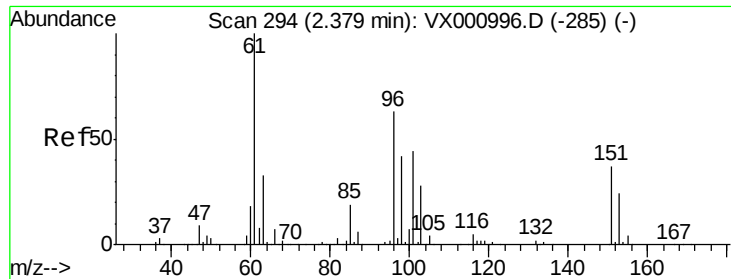
64 31.6 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 0.58 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX001057.D

Acq: 23 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-180412

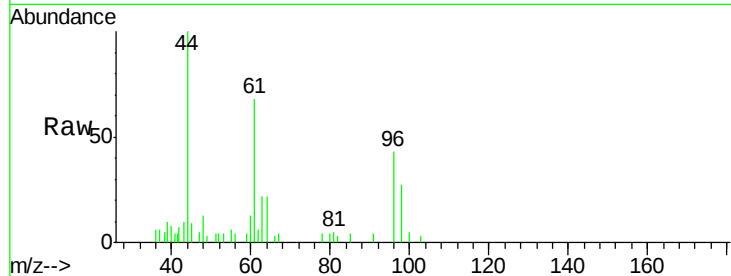
Tot Ion: 96 Resp: 1263

Ion Ratio Lower Upper

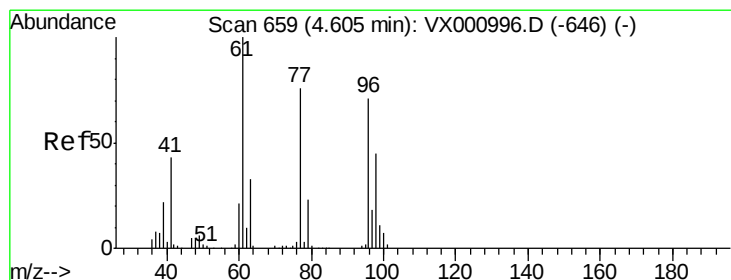
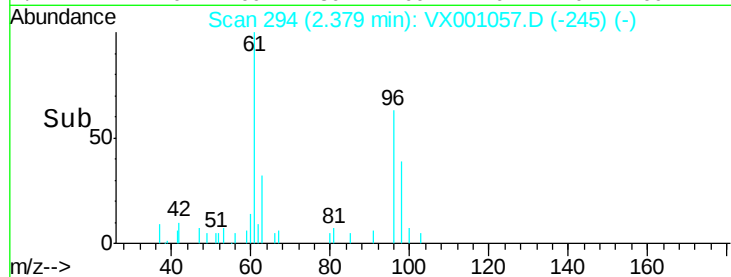
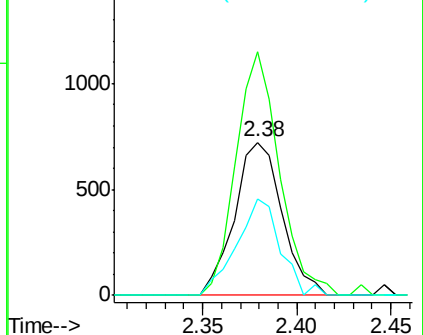
96 100

61 158.9 126.4 189.6

98 62.7 52.6 78.8



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



#27

cis-1,2-Dichloroethene

Concen: 105.53 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001057.D

Acq: 23 Apr 2018 14:37

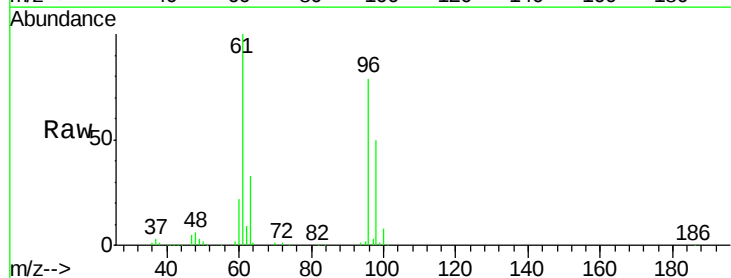
Tgt Ion: 96 Resp: 285004

Ion Ratio Lower Upper

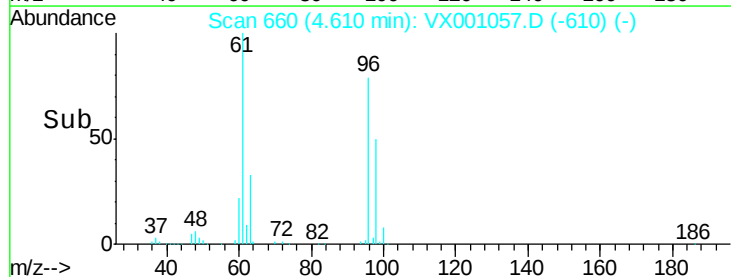
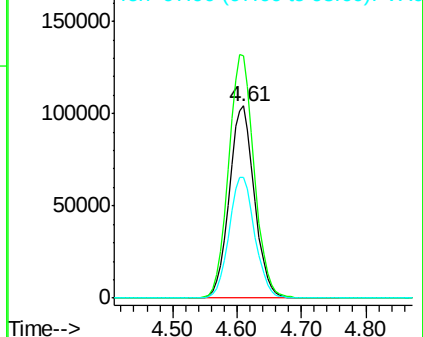
96 100

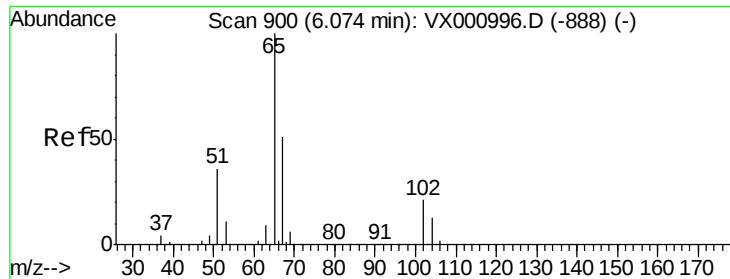
61 128.8 0.0 297.0

98 64.5 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: 51.59 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX001057.D

Acq: 23 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

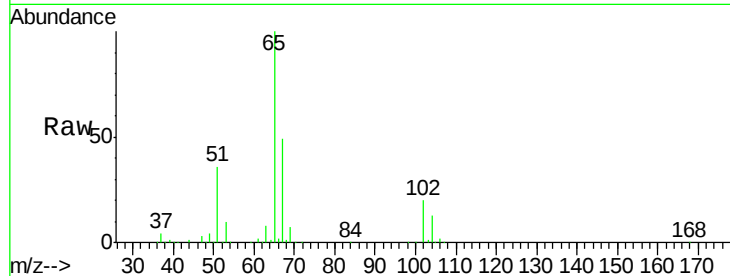
LF014RW131-180412

Tot Ion: 65 Resp: 146172

Ion Ratio Lower Upper

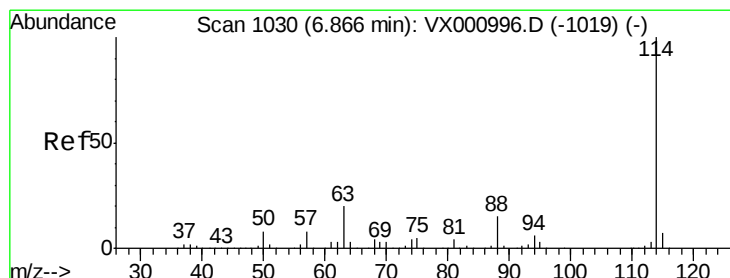
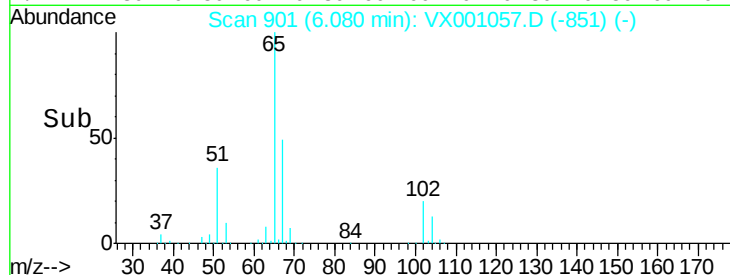
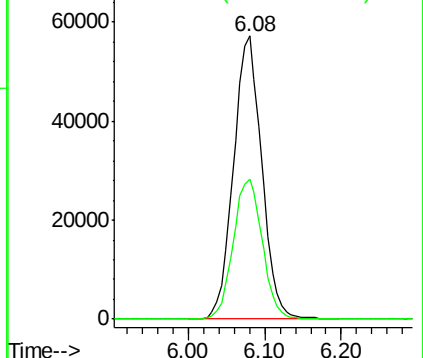
65 100

67 50.8 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: VX001057.D

Acq: 23 Apr 2018 14:37

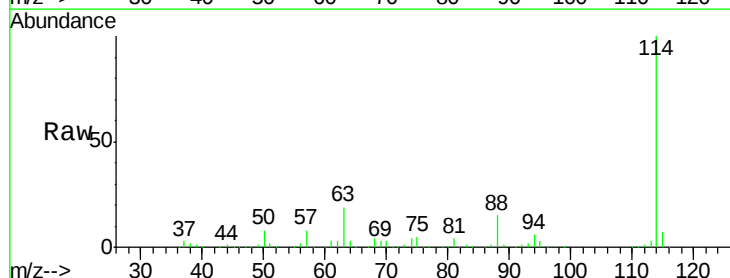
Tgt Ion: 114 Resp: 314206

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

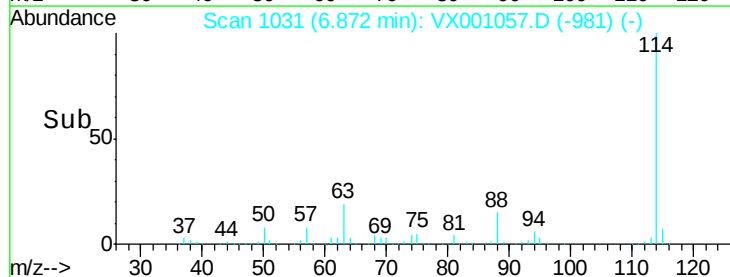
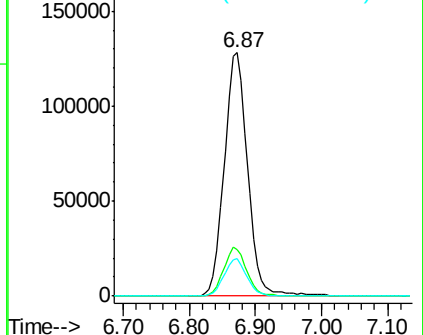
88 15.2 0.0 29.8

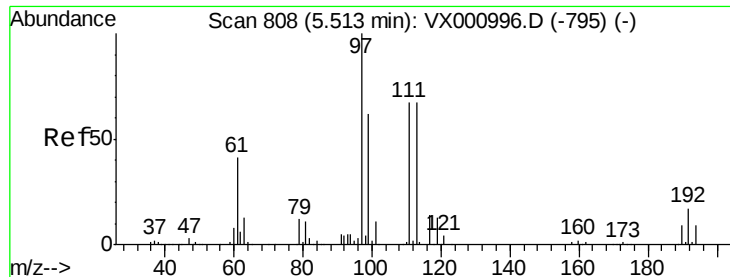


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.07 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001057.D

Acq: 23 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-180412

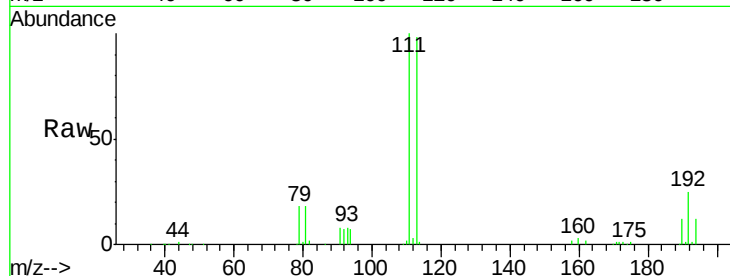
Tot Ion:113 Resp: 112767

Ion Ratio Lower Upper

113 100

111 101.2 81.4 122.2

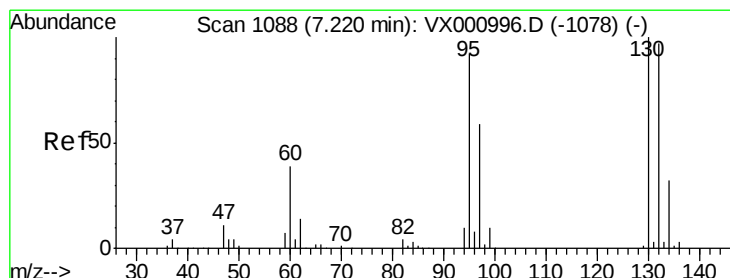
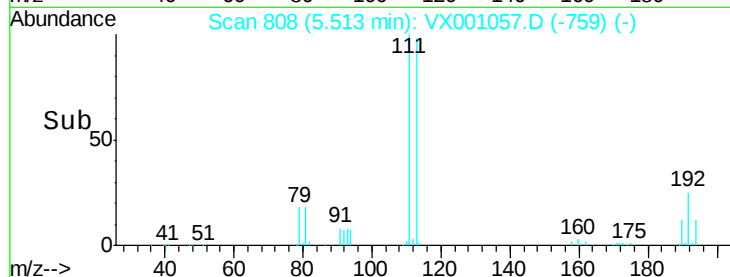
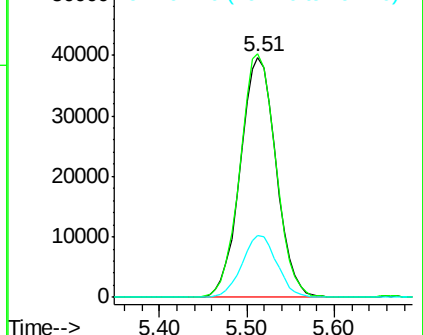
192 25.1 20.4 30.6



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



#44

Trichloroethene

Concen: 1.60 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. -0.00 min

Lab File: VX001057.D

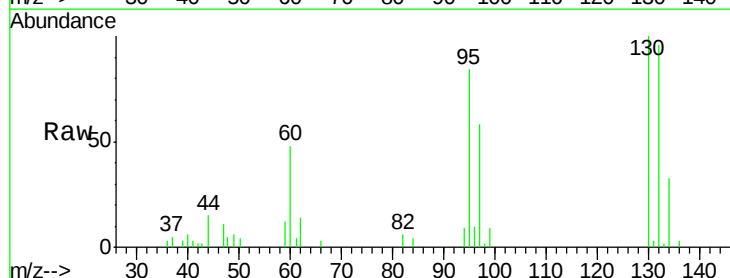
Acq: 23 Apr 2018 14:37

Tgt Ion:130 Resp: 5025

Ion Ratio Lower Upper

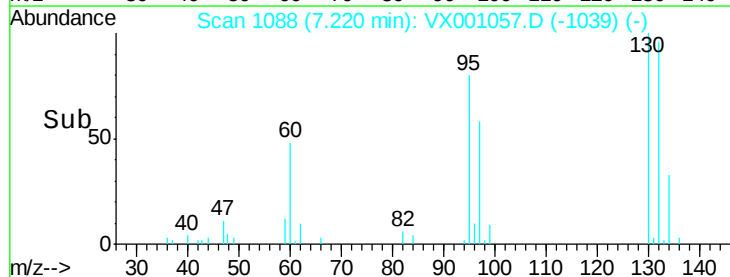
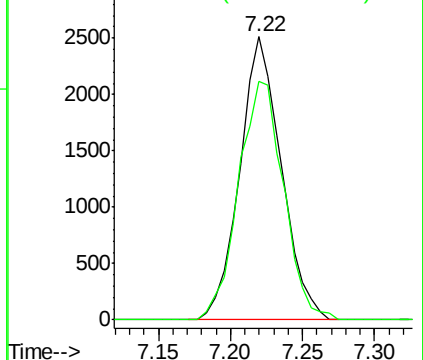
130 100

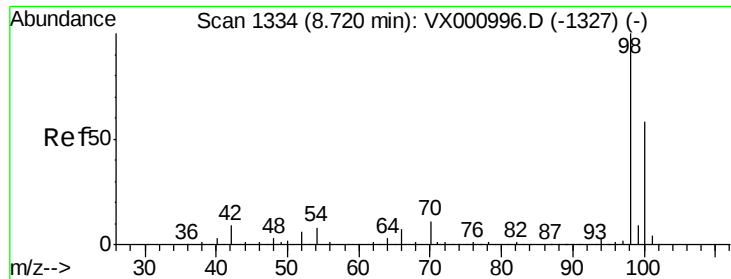
95 84.4 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 49.82 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001057.D

Acq: 23 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

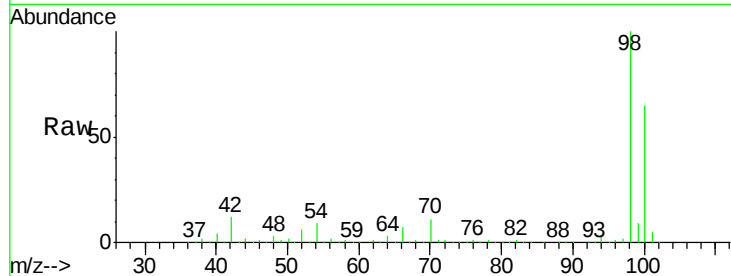
LF014RW131-180412

Tot Ion: 98 Resp: 441393

Ion Ratio Lower Upper

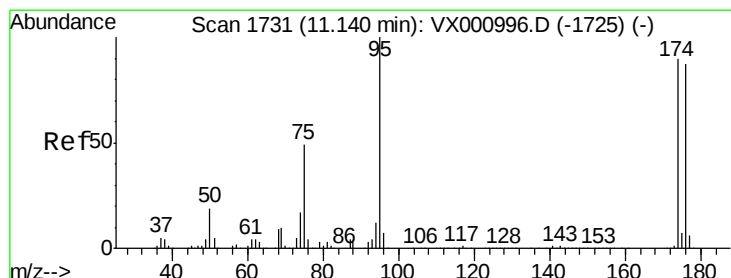
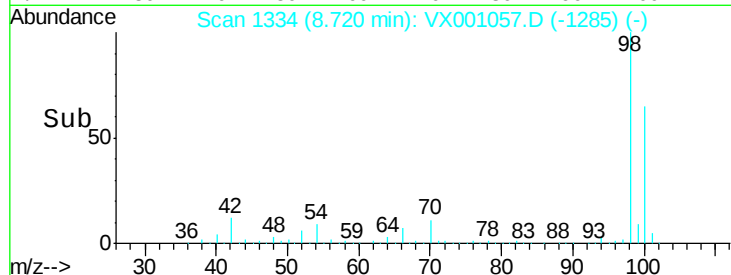
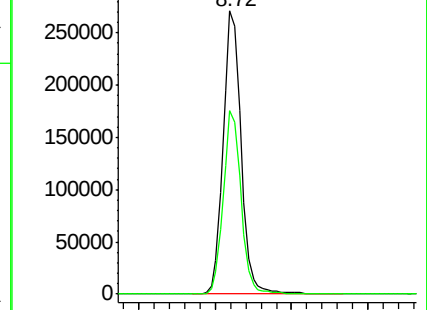
98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX000996.D (-1327) (-)

Ion 100.00 (99.70 to 100.70): VX000996.D (-1327) (-)



#62

4-Bromofluorobenzene

Concen: 44.71 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001057.D

Acq: 23 Apr 2018 14:37

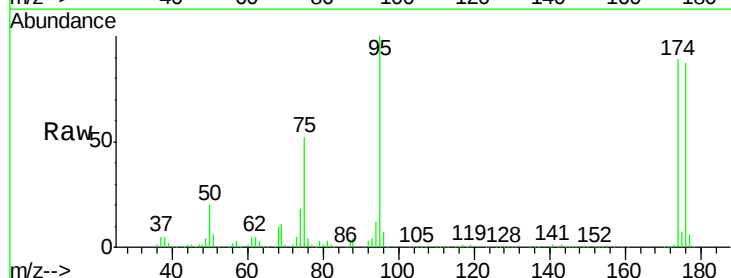
Tgt Ion: 95 Resp: 166224

Ion Ratio Lower Upper

95 100

174 97.5 0.0 198.4

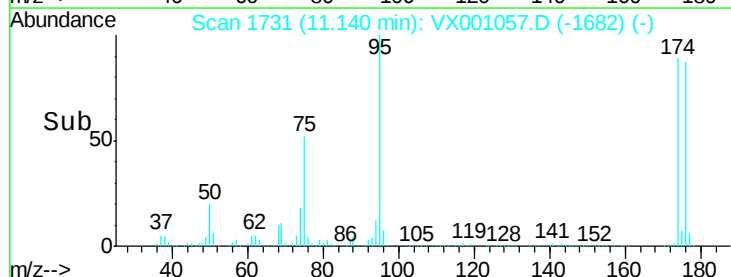
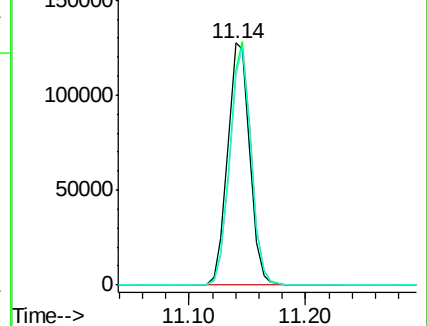
176 94.6 0.0 192.0

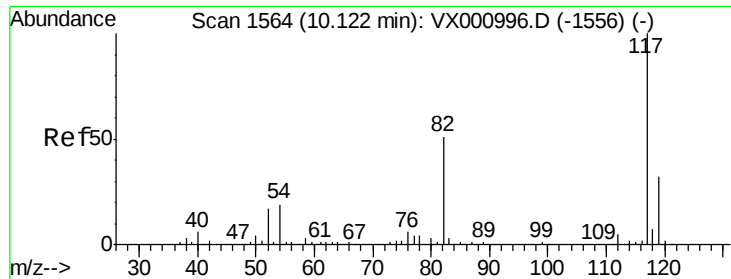


Abundance Ion 94.90 (94.60 to 95.60): VX000996.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX000996.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX000996.D (-1725) (-)

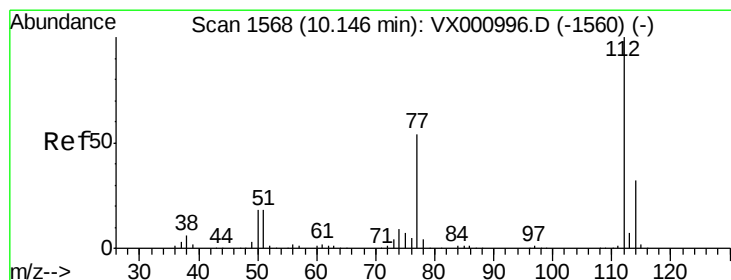
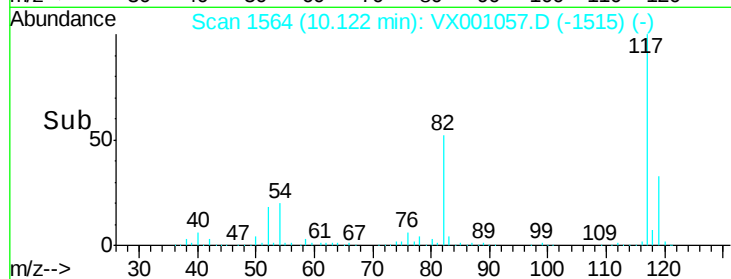
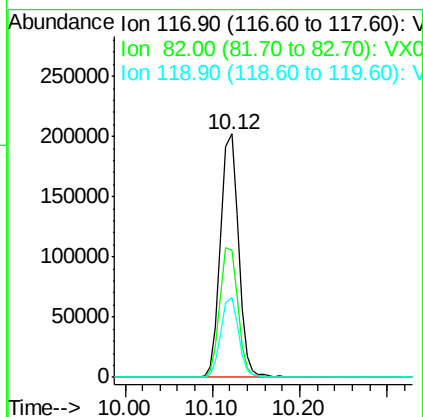
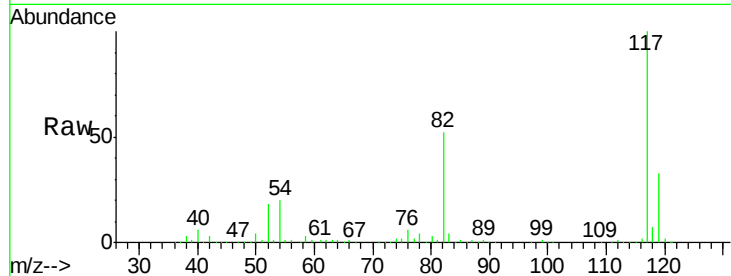




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX001057.D
Acq: 23 Apr 2018 14:37

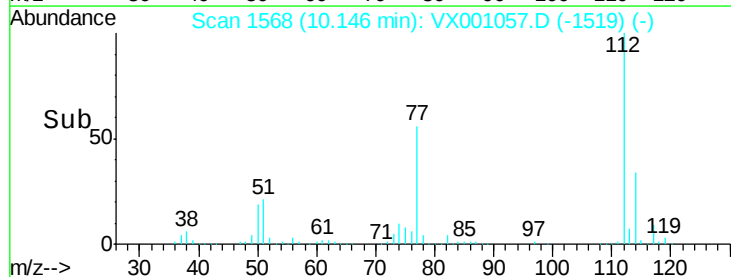
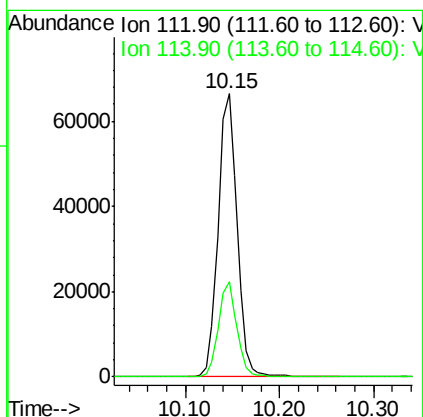
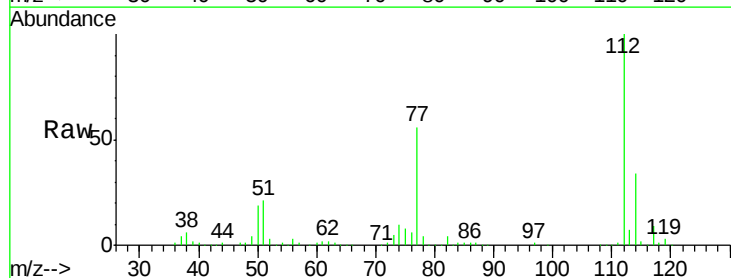
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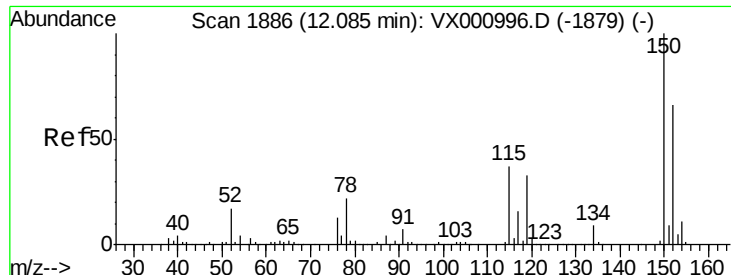
Tot Ion:117 Resp: 287858
Ion Ratio Lower Upper
117 100
82 52.0 40.6 60.8
119 32.9 26.0 39.0



#65
Chlorobenzene
Concen: 12.13 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX001057.D
Acq: 23 Apr 2018 14:37

Tgt Ion:112 Resp: 92988
Ion Ratio Lower Upper
112 100
114 33.6 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001057.D

Acq: 23 Apr 2018 14:37

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-180412

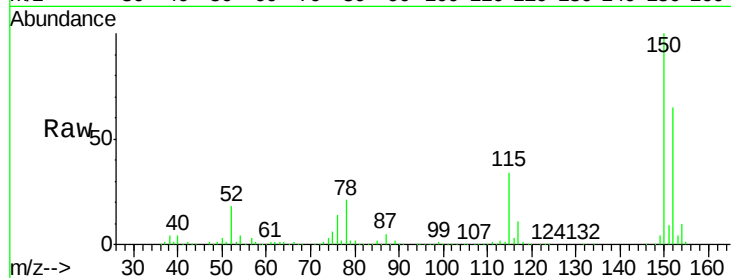
Tot Ion:152 Resp: 186084

Ion Ratio Lower Upper

152 100

115 53.2 38.2 114.6

150 153.7 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

