

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042318\
 Data File : VX001070.D
 Acq On : 23 Apr 2018 20:09
 Operator : JC/MD
 Sample : J2464-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-180417

Quant Time: Apr 24 08:38:32 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	197839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	272447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	242131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	136197	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	128612	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	
35) Dibromofluoromethane	5.51	113	98791	47.55	ug/l	0.00
Spiked Amount			Recovery	=	95.10%	
50) Toluene-d8	8.72	98	380311	49.51	ug/l	0.00
Spiked Amount			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.14	95	132514	41.10	ug/l	0.00
Spiked Amount			Recovery	=	82.20%	

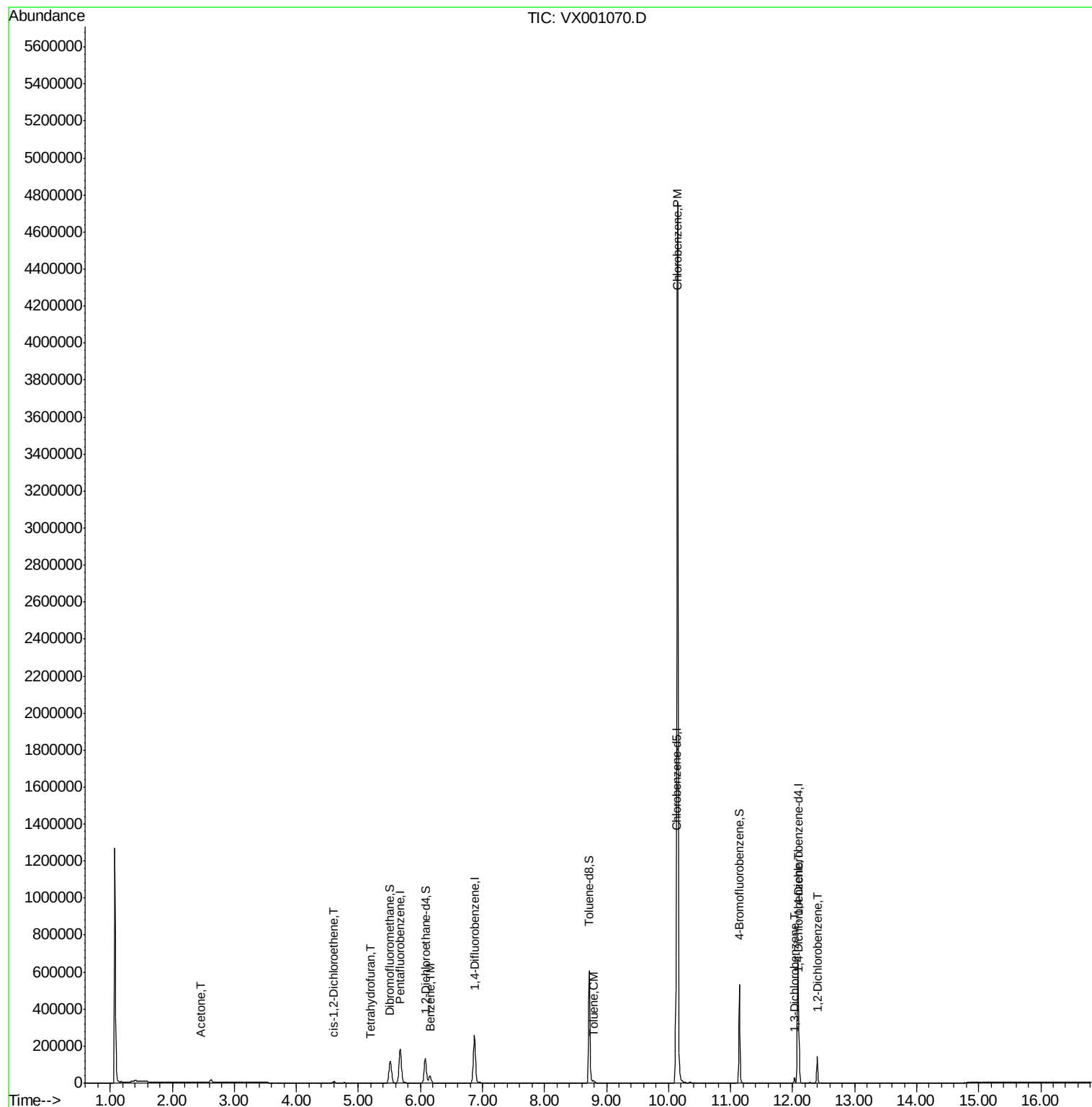
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	2403	2.54	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	4775	2.00	ug/l	89
29) Tetrahydrofuran	5.20	42	259	0.28	ug/l #	34
40) Benzene	6.15	78	43959	4.94	ug/l	98
52) Toluene	8.79	92	2616	0.45	ug/l	98
65) Chlorobenzene	10.15	112	2151163	333.65	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	10000	2.07	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	84200	16.95	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	46709	9.97	ug/l	99

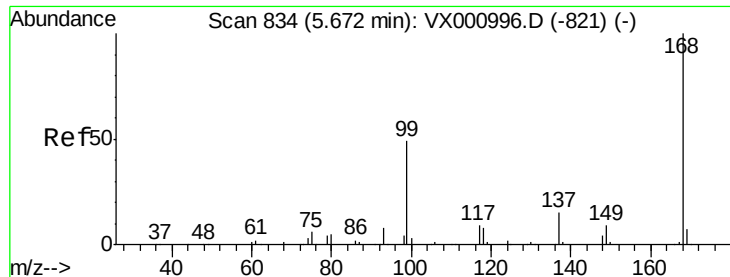
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001070.D

Acq: 23 Apr 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

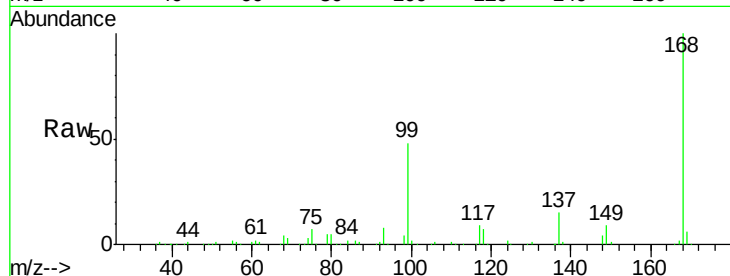
LF015RW050-180417

Tot Ion:168 Resp: 197839

Ion Ratio Lower Upper

168 100

99 48.2 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

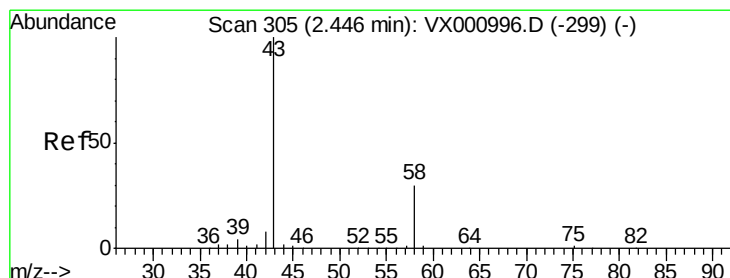
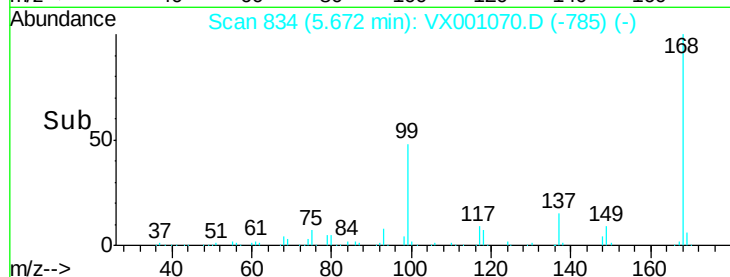
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.54 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001070.D

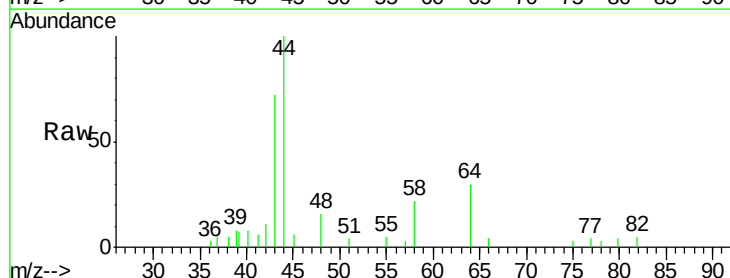
Acq: 23 Apr 2018 20:09

Tgt Ion: 43 Resp: 2403

Ion Ratio Lower Upper

43 100

58 33.3 23.7 35.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

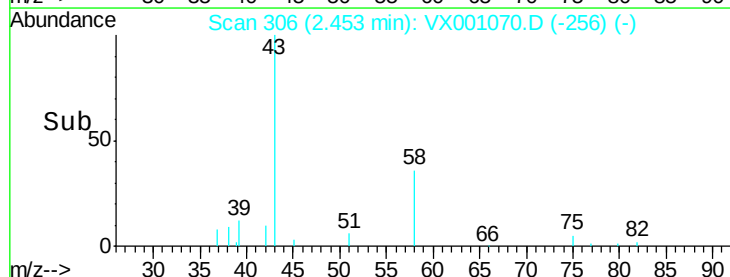
1500

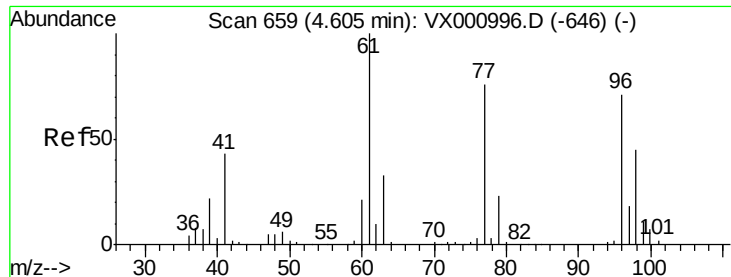
1000

500

0

Time--> 2.40 2.45 2.50





#27

cis-1,2-Dichloroethene

Concen: 2.00 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001070.D

Acq: 23 Apr 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-180417

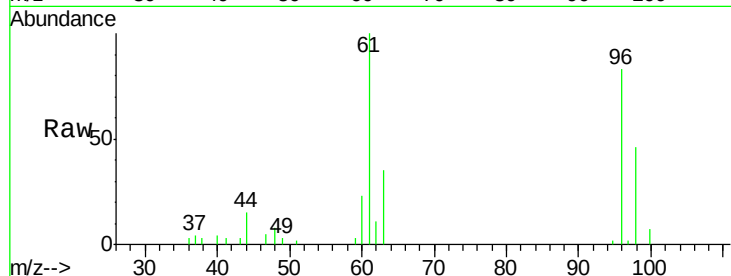
Tot Ion: 96 Resp: 4775

Ion Ratio Lower Upper

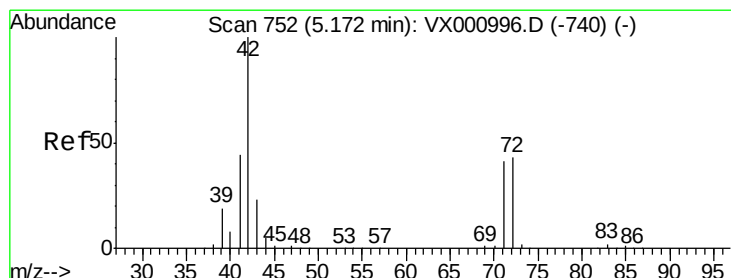
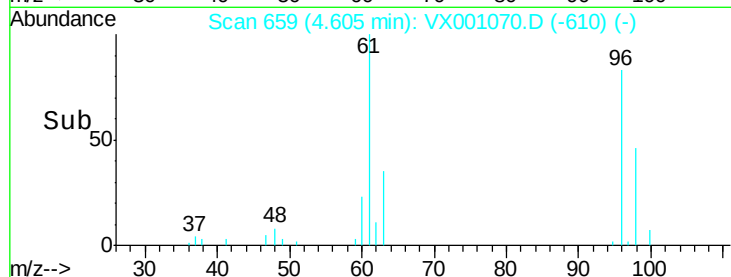
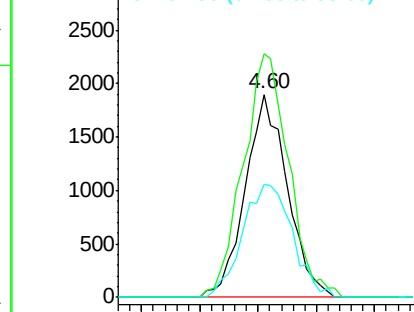
96 100

61 129.2 0.0 297.0

98 65.7 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



#29

Tetrahydrofuran

Concen: 0.28 ug/l

RT: 5.20 min Scan# 756

Delta R.T. 0.02 min

Lab File: VX001070.D

Acq: 23 Apr 2018 20:09

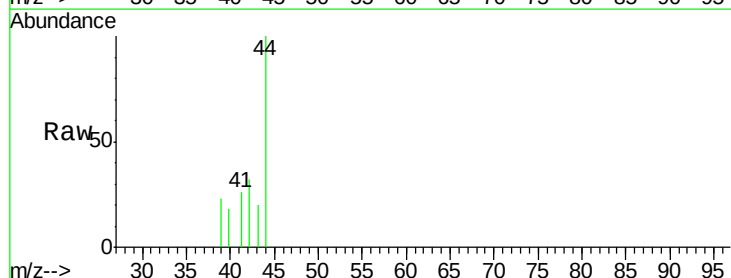
Tgt Ion: 42 Resp: 259

Ion Ratio Lower Upper

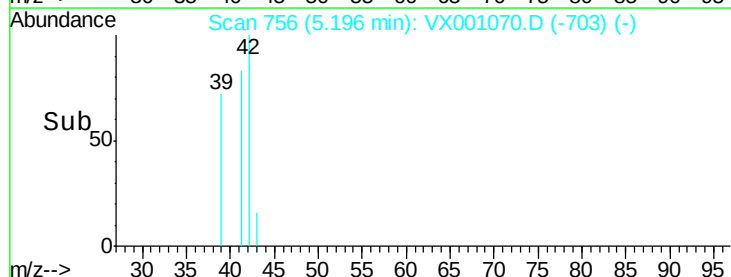
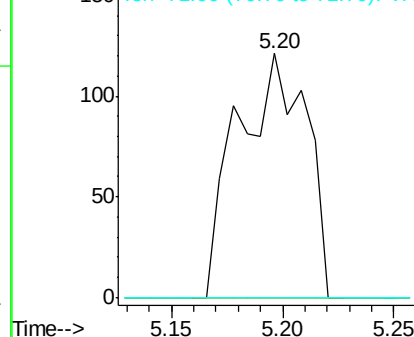
42 100

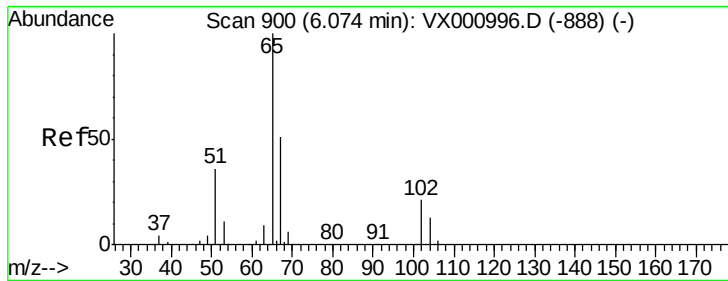
72 0.0 34.6 52.0#

71 0.0 32.6 49.0#



Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

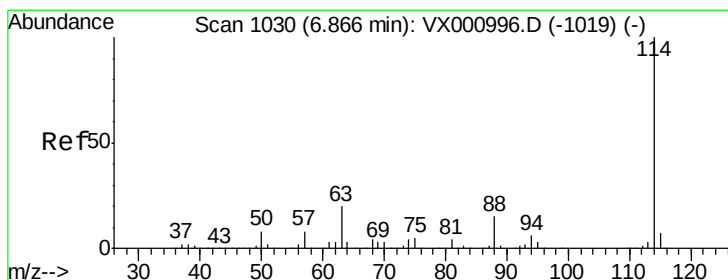
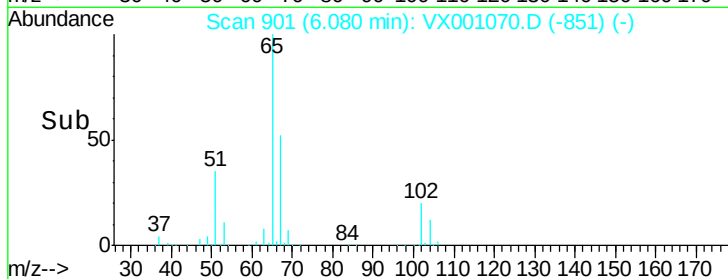
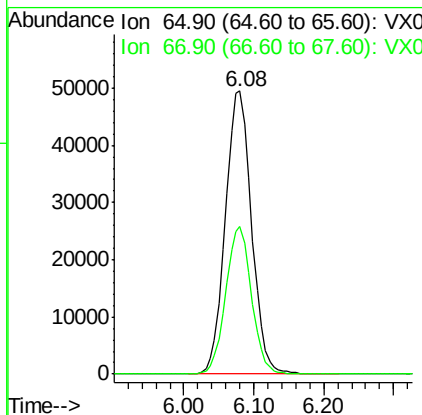
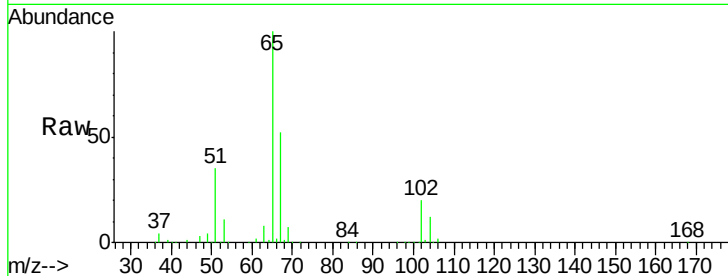




#33
 1,2-Dichloroethane-d4
 Concen: 51.28 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001070.D
 Acq: 23 Apr 2018 20:09

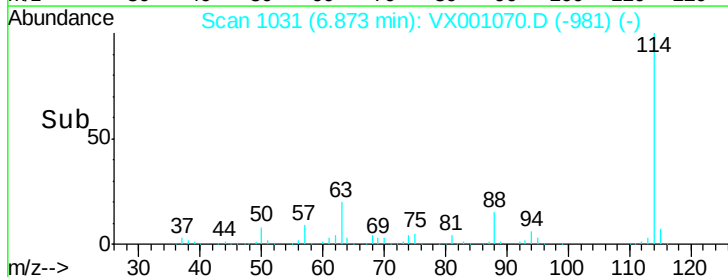
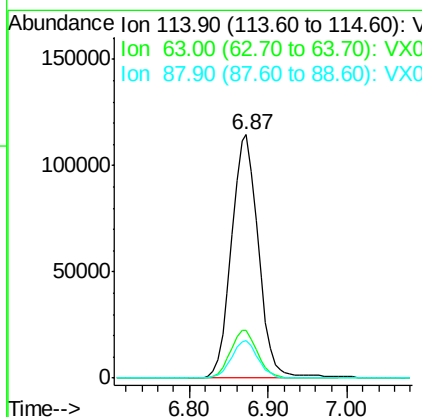
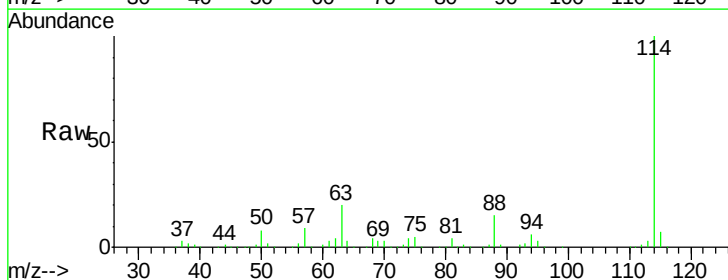
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-180417

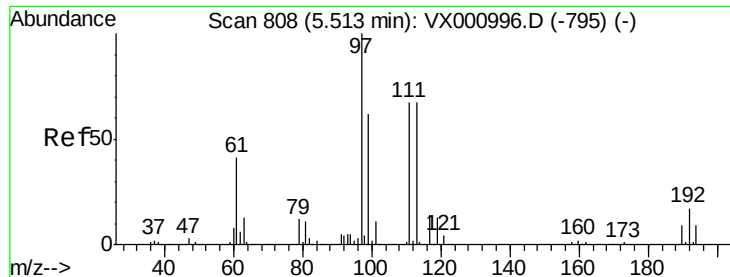
Tot Ion: 65 Resp: 128612
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001070.D
 Acq: 23 Apr 2018 20:09

Tgt Ion: 114 Resp: 272447
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.4
 88 15.2 0.0 29.8

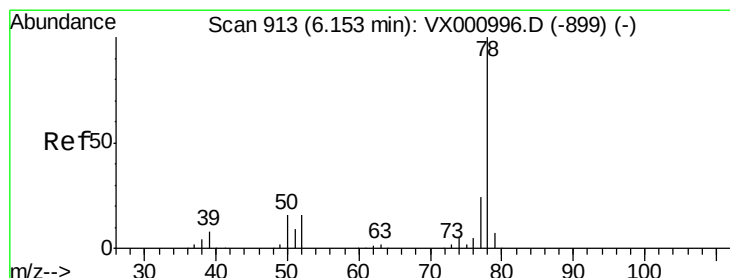
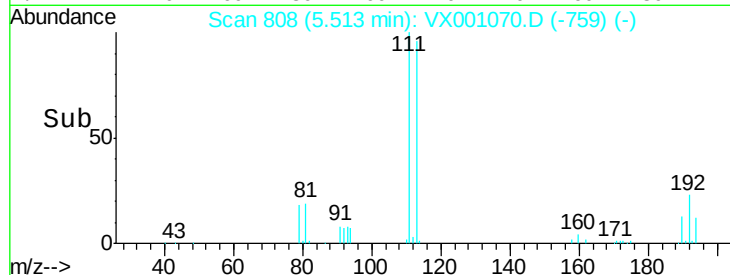
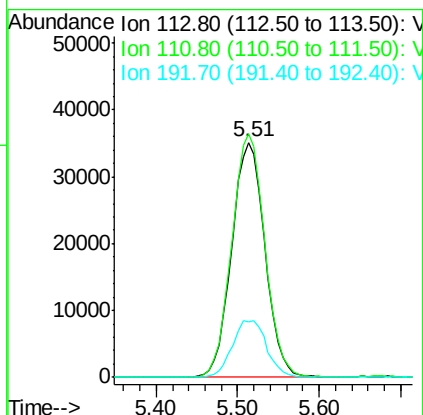
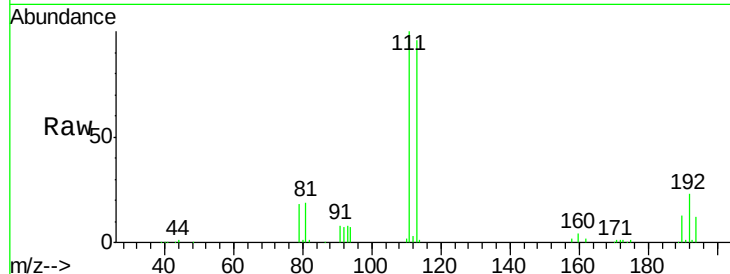




#35
 Dibromofluoromethane
 Concen: 47.55 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: VX001070.D
 Acq: 23 Apr 2018 20:09

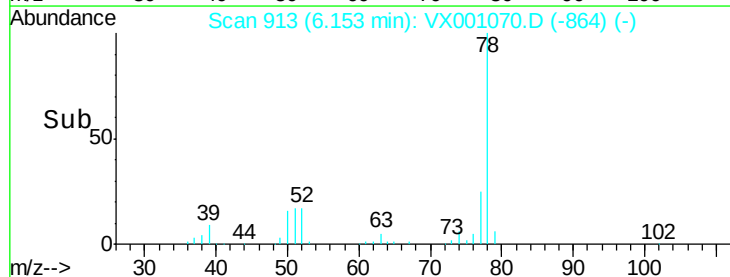
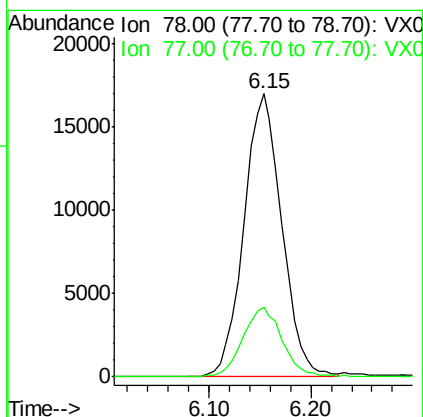
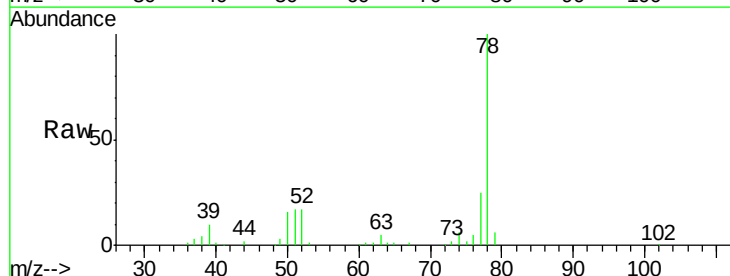
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-180417

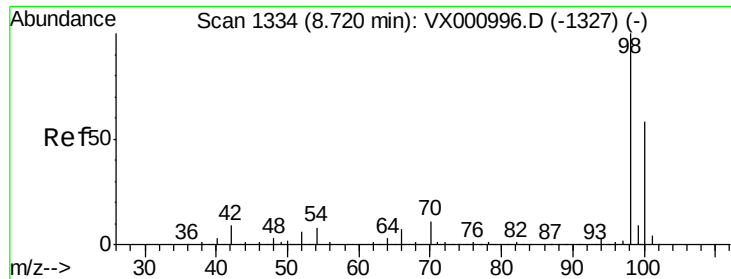
Tot Ion:113 Resp: 98791
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.4 122.2
 192 25.0 20.4 30.6



#40
 Benzene
 Concen: 4.94 ug/l
 RT: 6.15 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: VX001070.D
 Acq: 23 Apr 2018 20:09

Tgt Ion: 78 Resp: 43959
 Ion Ratio Lower Upper
 78 100
 77 24.6 18.9 28.3

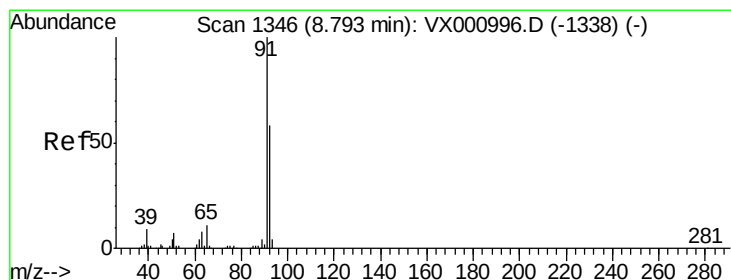
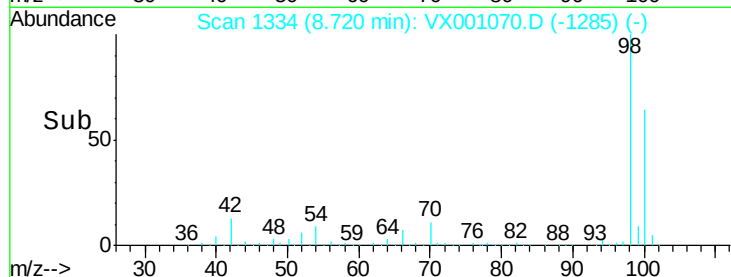
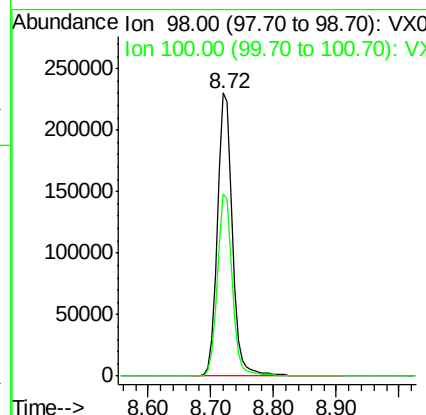
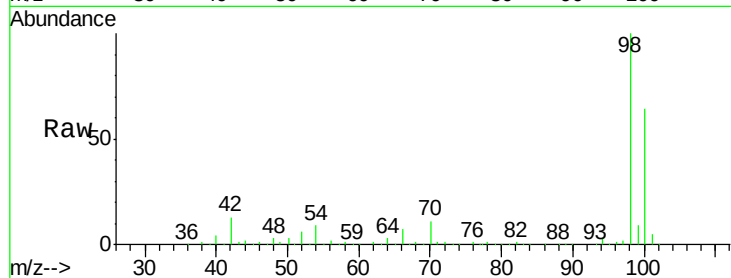




#50
Toluene-d8
Concen: 49.51 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

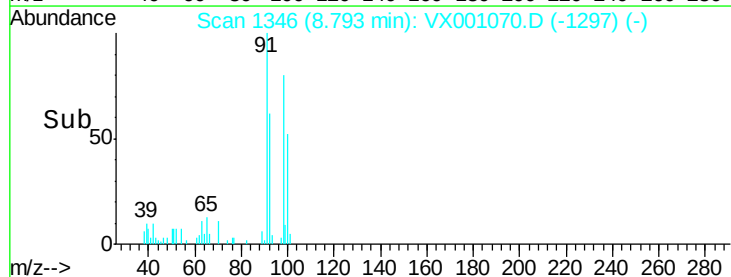
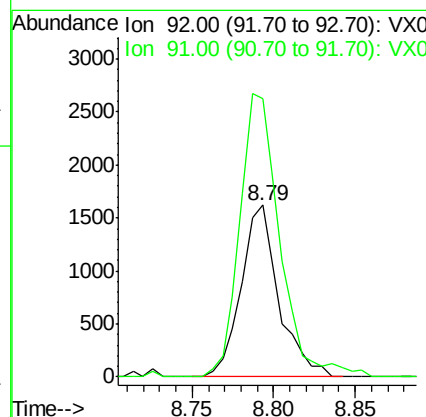
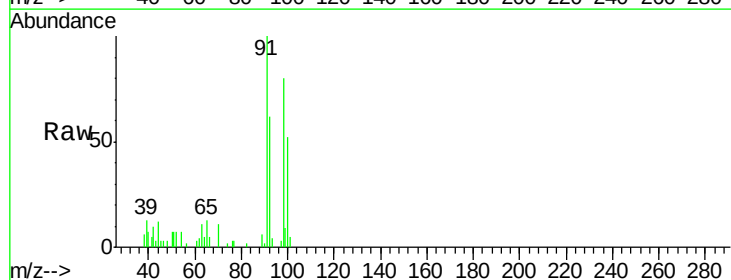
Instrument :
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ClientSampleId :
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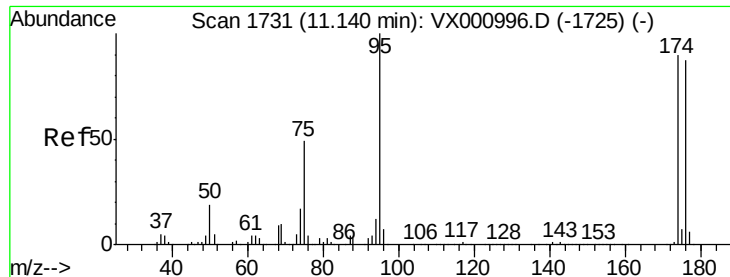
Tot Ion: 98 Resp: 380311
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#52
Toluene
Concen: 0.45 ug/l
RT: 8.79 min Scan# 1346
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion: 92 Resp: 2616
Ion Ratio Lower Upper
92 100
91 174.9 138.2 207.4





#62

4-Bromofluorobenzene

Concen: 41.10 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001070.D

Acq: 23 Apr 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-180417

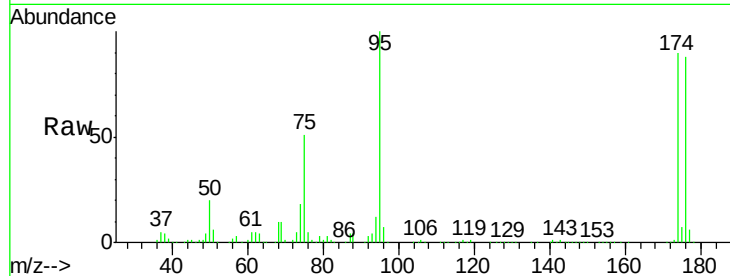
Tot Ion: 95 Resp: 132514

Ion Ratio Lower Upper

95 100

174 97.3 0.0 198.4

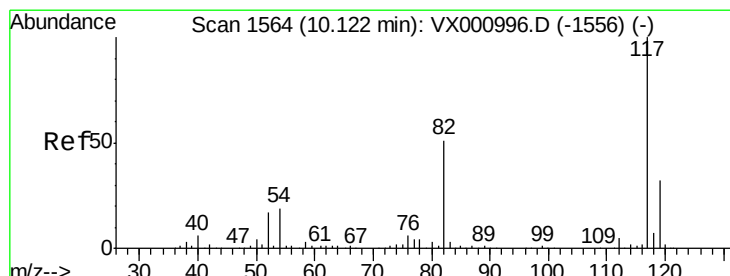
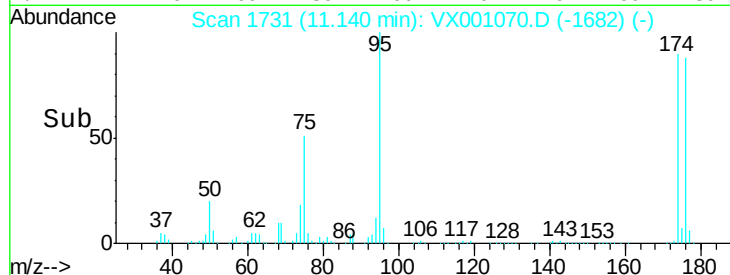
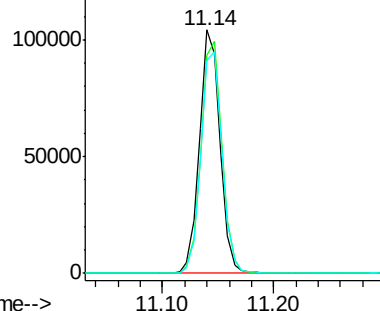
176 94.2 0.0 192.0



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: VX001070.D

Acq: 23 Apr 2018 20:09

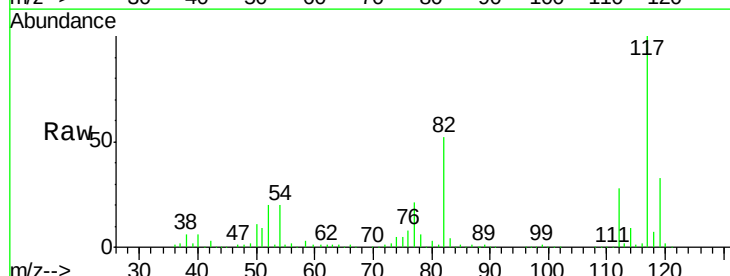
Tgt Ion: 117 Resp: 242131

Ion Ratio Lower Upper

117 100

82 52.2 40.6 60.8

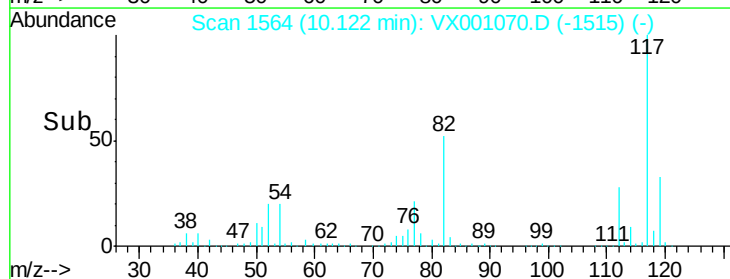
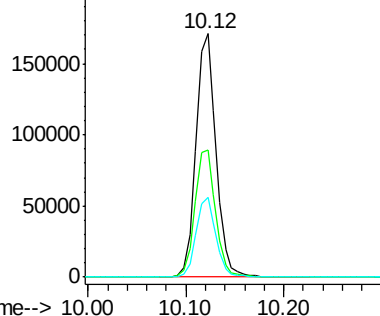
119 32.6 26.0 39.0

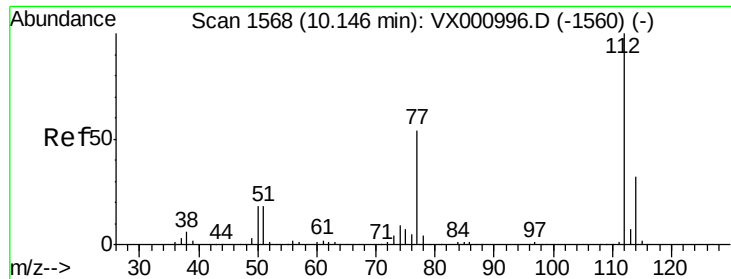


Abundance Ion 116.90 (116.60 to 117.60): VX000996.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX000996.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX000996.D (-1556) (-)

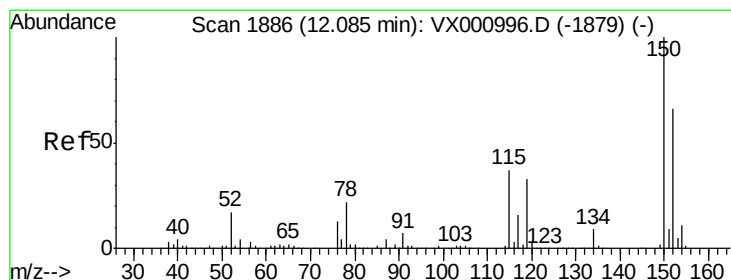
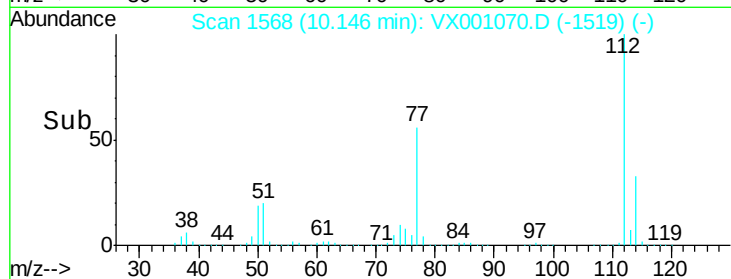
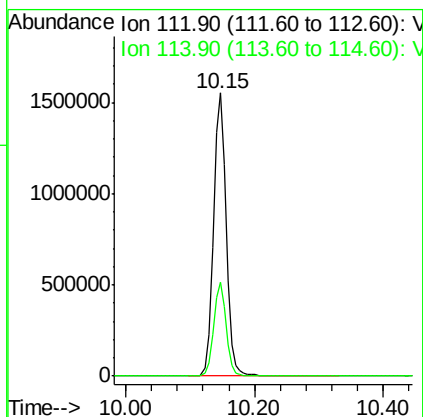
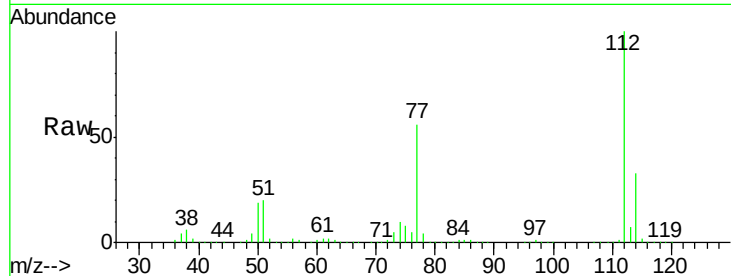




#65
Chlorobenzene
Concen: 333.65 ug/l
RT: 10.15 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

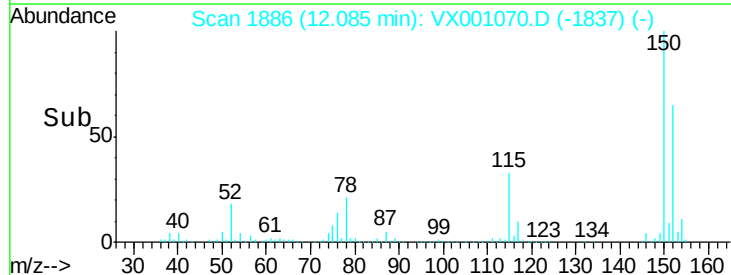
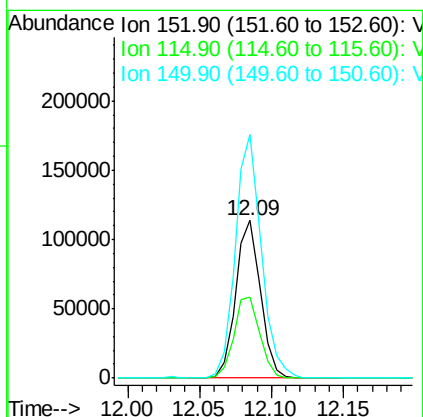
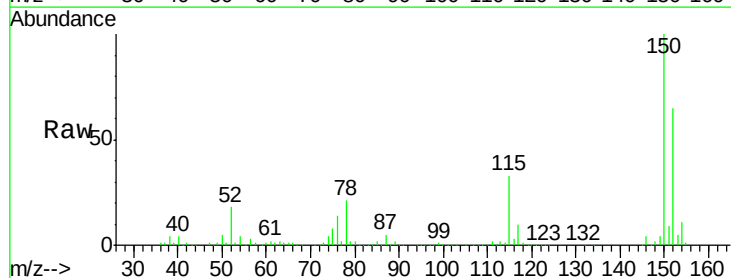
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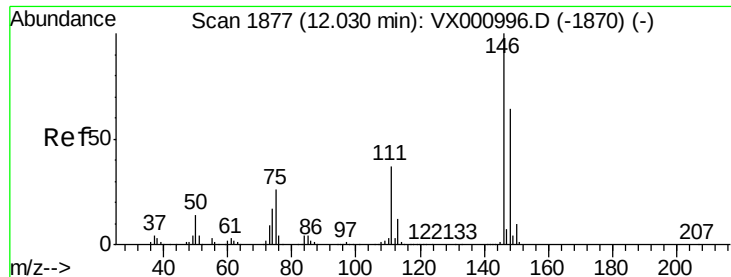
Tot Ion:112 Resp: 2151163
Ion Ratio Lower Upper
112 100
114 33.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001070.D
Acq: 23 Apr 2018 20:09

Tgt Ion:152 Resp: 136197
Ion Ratio Lower Upper
152 100
115 54.3 38.2 114.6
150 161.7 0.0 350.4

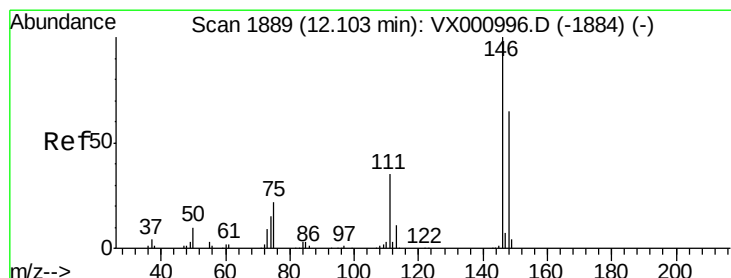
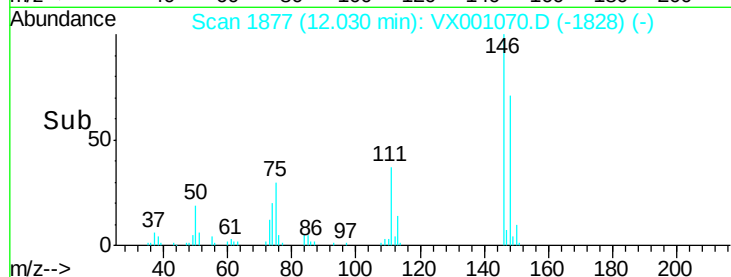
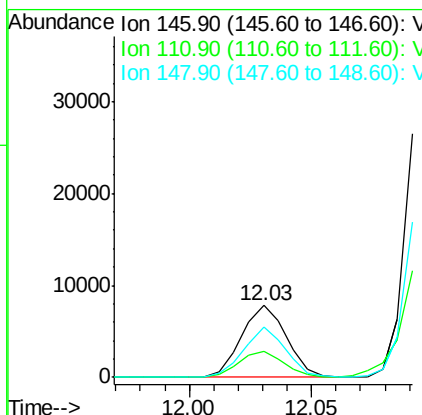
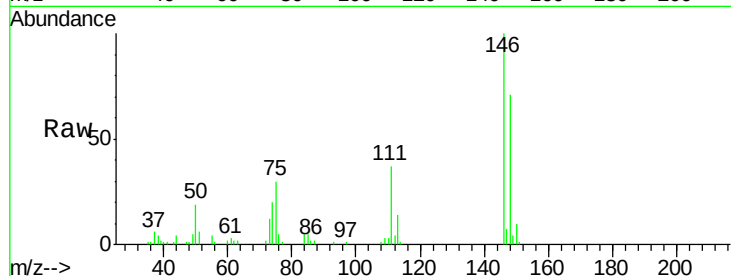




#87
 1,3-Dichlorobenzene
 Concen: 2.07 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001070.D
 Acq: 23 Apr 2018 20:09

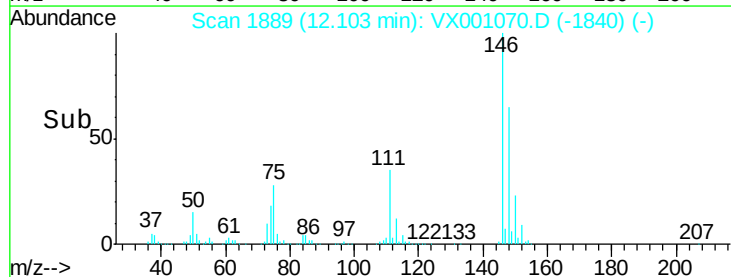
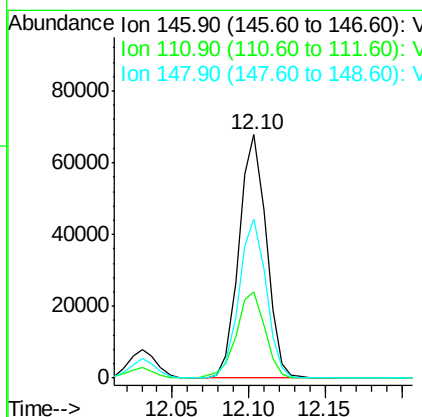
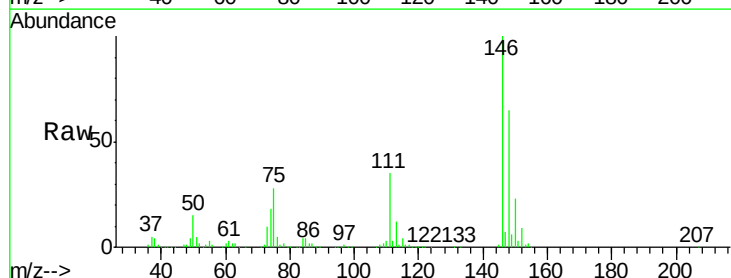
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015RW050-180417

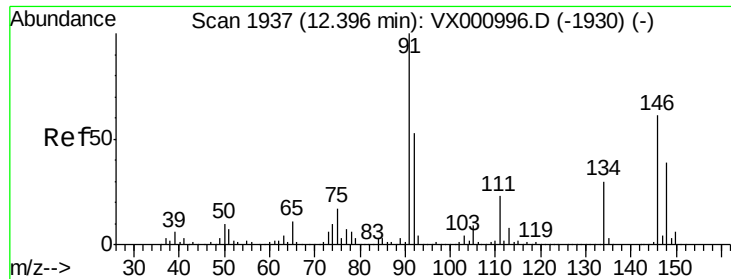
Tot Ion:146 Resp: 10000
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.3 54.8
 148 65.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 16.95 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001070.D
 Acq: 23 Apr 2018 20:09

Tgt Ion:146 Resp: 84200
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.0 54.0
 148 65.1 32.4 97.0





#91

1,2-Dichlorobenzene

Concen: 9.97 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001070.D

Acq: 23 Apr 2018 20:09

Instrument :

MSVOA_X

ClientSampleId :

LF015RW050-180417

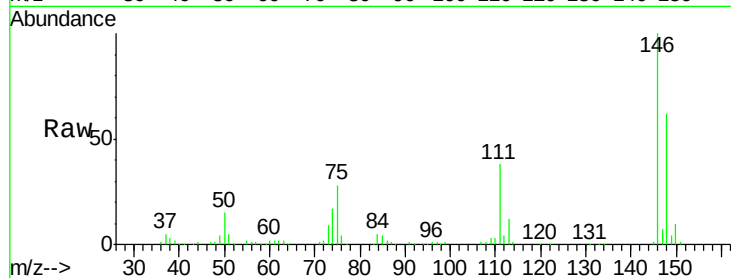
Tot Ion:146 Resp: 46709

Ion Ratio Lower Upper

146 100

111 38.6 18.6 56.0

148 64.2 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

