

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
 Data File : VX001178.D
 Acq On : 27 Apr 2018 18:36
 Operator : JC/MD
 Sample : J2464-11DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW100-180418DL

Quant Time: Apr 28 07:21:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 27 01:51:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	192186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	259106	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	230089	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124097	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	137635	46.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.40%	
35) Dibromofluoromethane	5.51	113	108055	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
50) Toluene-d8	8.72	98	410602	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	136838	43.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.56%	

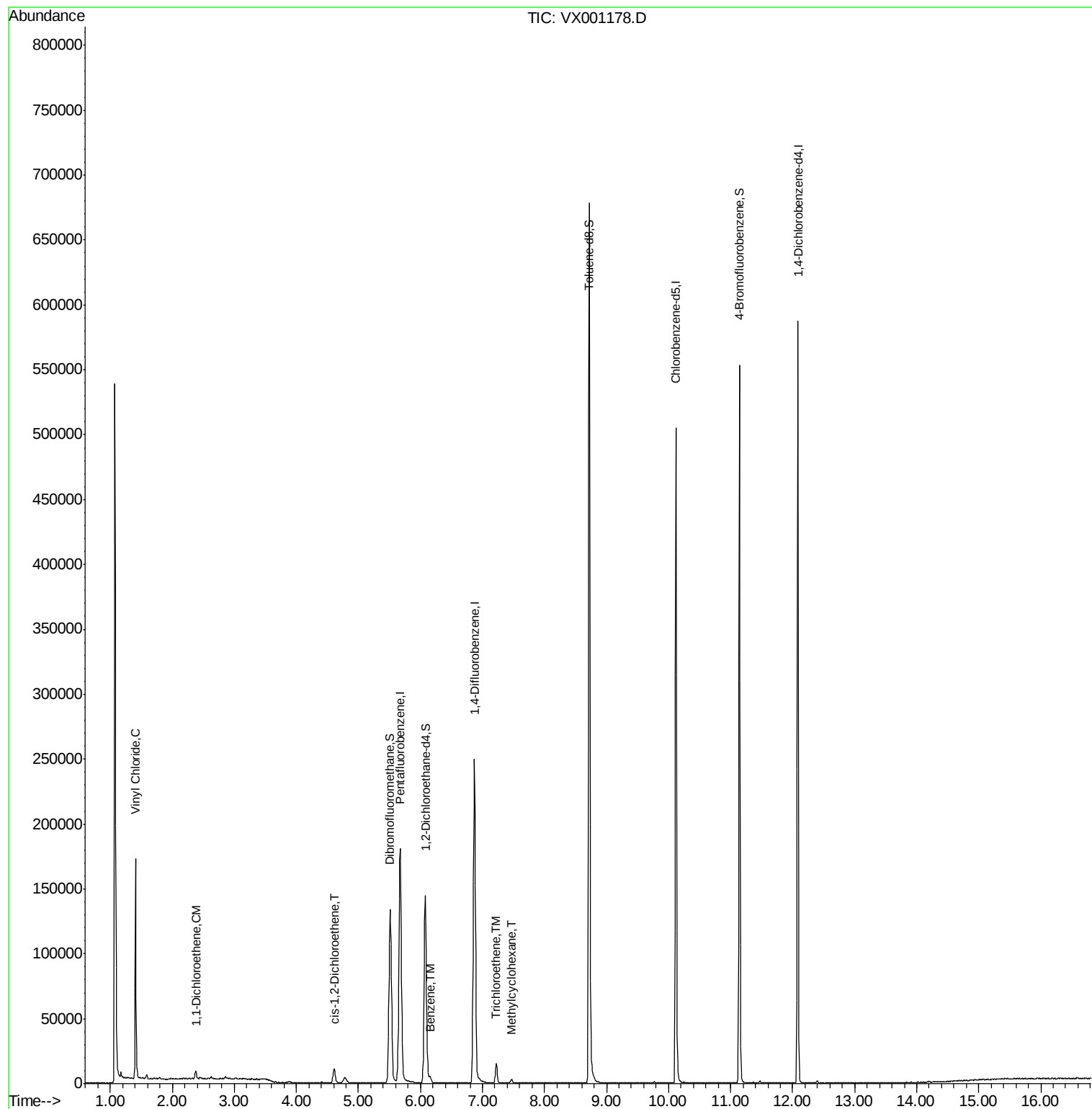
Target Compounds						Qvalue
4) Vinyl Chloride	1.40	62	107094	47.82	ug/l	100
12) 1,1-Dichloroethene	2.38	96	2160	1.11	ug/l	91
27) cis-1,2-Dichloroethene	4.61	96	6504	2.76	ug/l	89
39) Methylcyclohexane	7.47	83	1083	0.34	ug/l #	91
40) Benzene	6.15	78	4786	0.58	ug/l	95
44) Trichloroethene	7.22	130	5803	2.36	ug/l	95

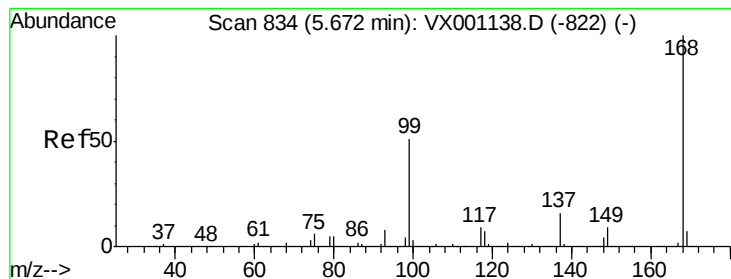
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX042718\
Data File : VX001178.D
Acq On : 27 Apr 2018 18:36
Operator : JC/MD
Sample : J2464-11DL 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-180418DL

Quant Time: Apr 28 07:21:57 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X042618W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 27 01:51:42 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: VX001178.D

Acq: 27 Apr 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

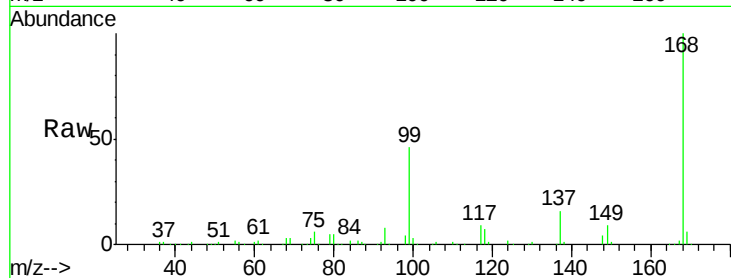
LF015MW100-180418DL

Tot Ion:168 Resp: 192186

Ion Ratio Lower Upper

168 100

99 45.7 40.6 60.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

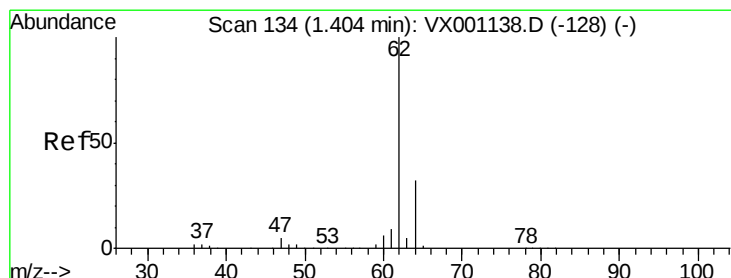
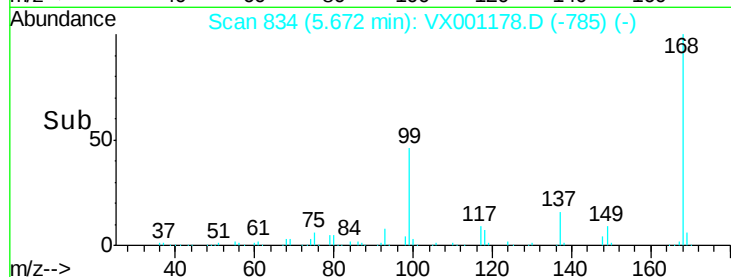
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 47.82 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX001178.D

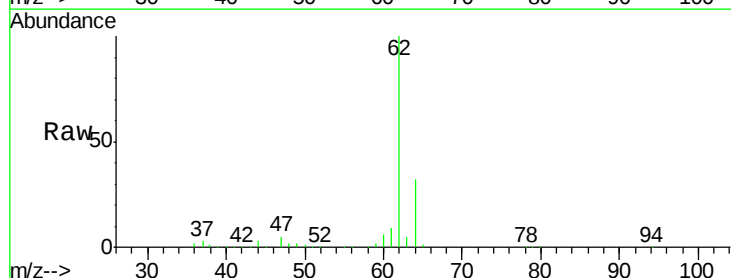
Acq: 27 Apr 2018 18:36

Tgt Ion: 62 Resp: 107094

Ion Ratio Lower Upper

62 100

64 31.8 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

120000

100000

80000

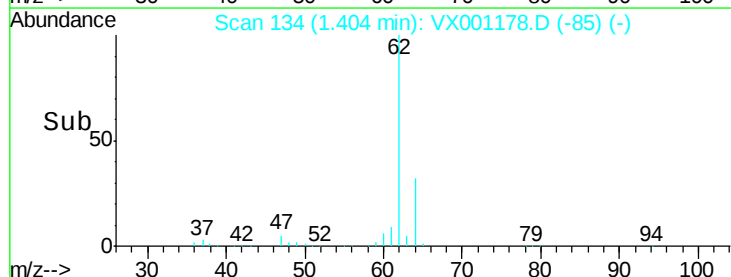
60000

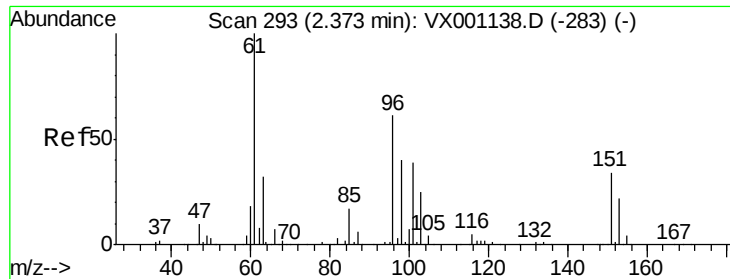
40000

20000

0

Time--> 1.35 1.40 1.45 1.50





#12

1,1-Dichloroethene

Concen: 1.11 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX001178.D

Acq: 27 Apr 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

LF015MW100-180418DL

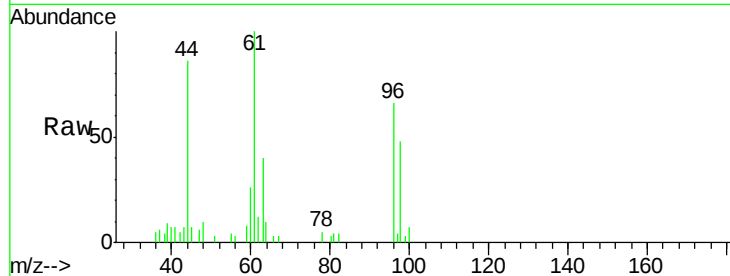
Tot Ion: 96 Resp: 2160

Ion Ratio Lower Upper

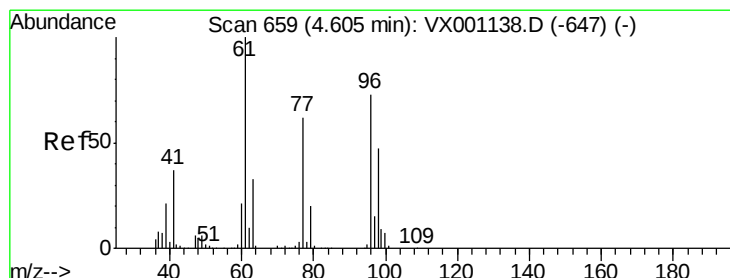
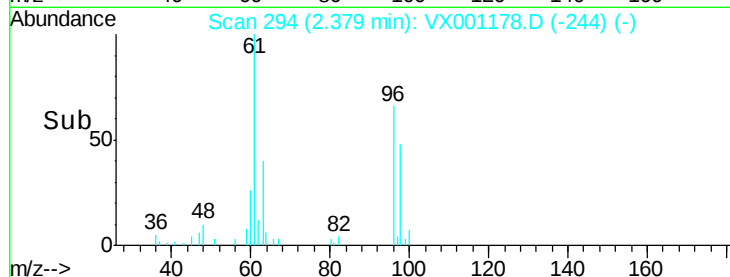
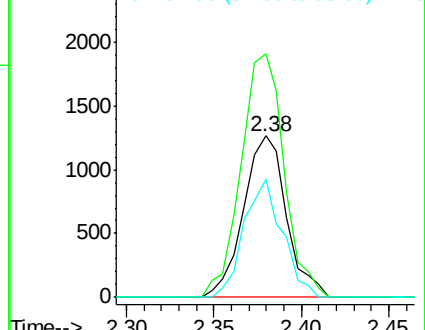
96 100

61 151.0 130.2 195.4

98 72.9 51.5 77.3



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: 2.76 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001178.D

Acq: 27 Apr 2018 18:36

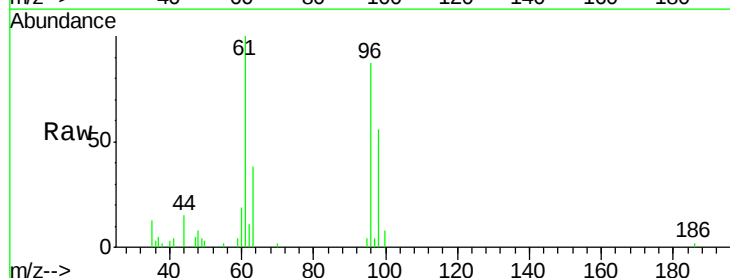
Tgt Ion: 96 Resp: 6504

Ion Ratio Lower Upper

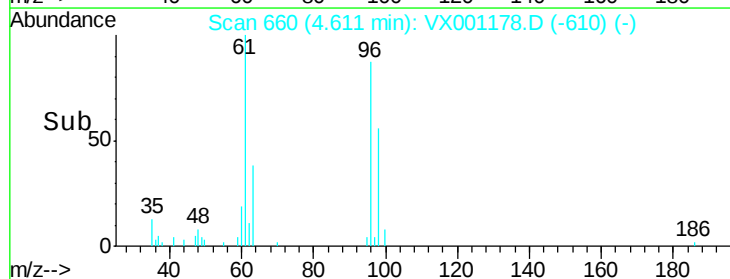
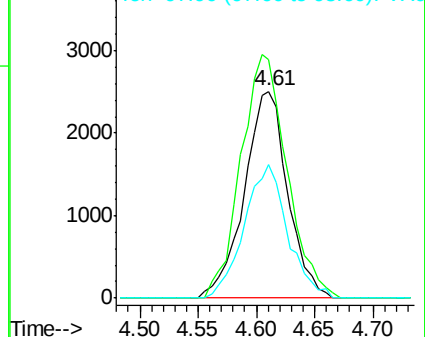
96 100

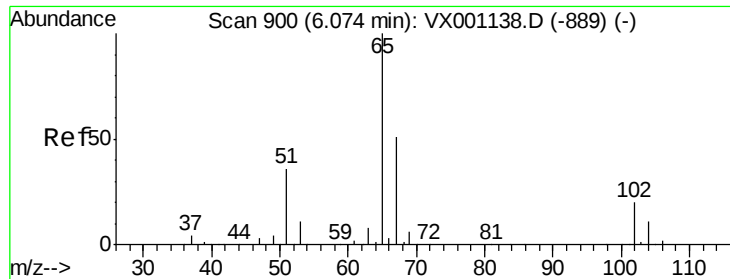
61 125.3 0.0 289.0

98 64.4 0.0 128.2



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

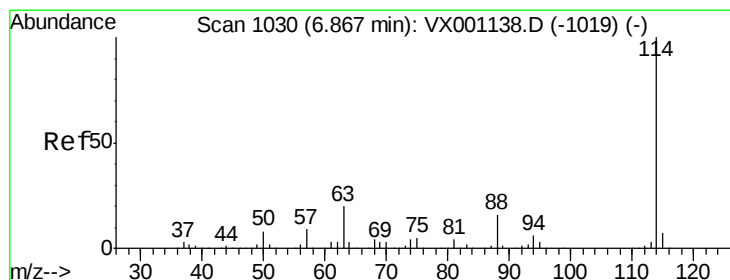
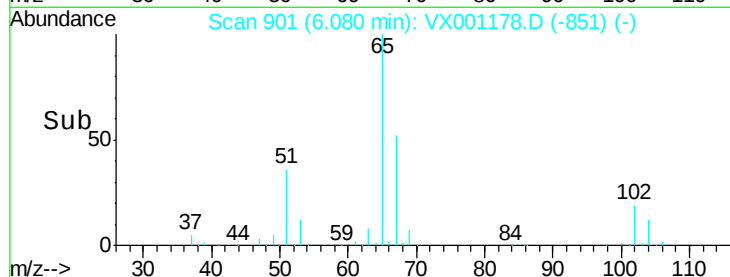
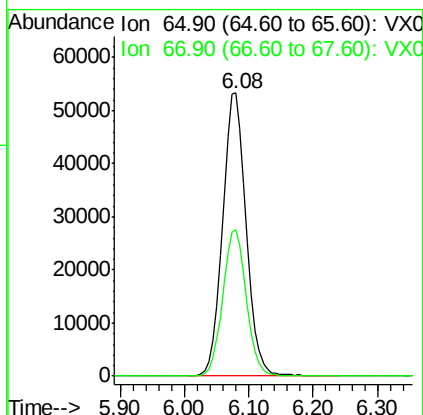
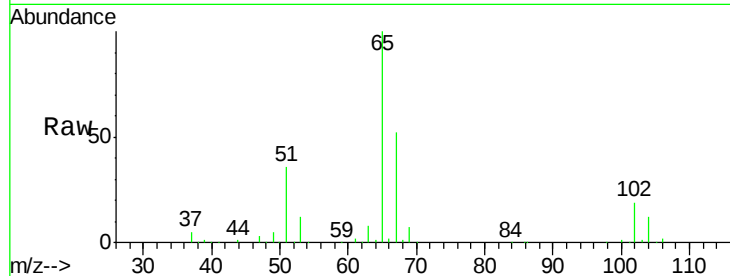




#33
 1,2-Dichloroethane-d4
 Concen: 46.20 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001178.D
 Acq: 27 Apr 2018 18:36

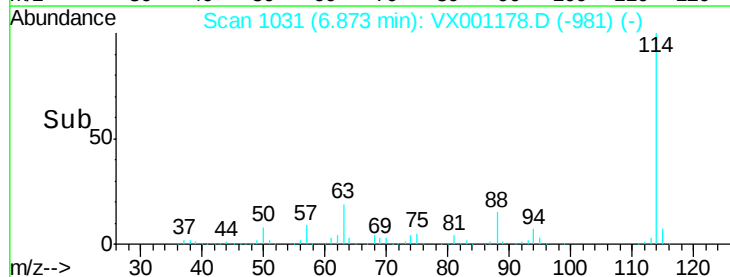
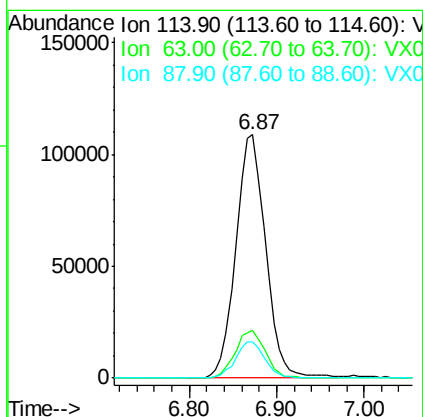
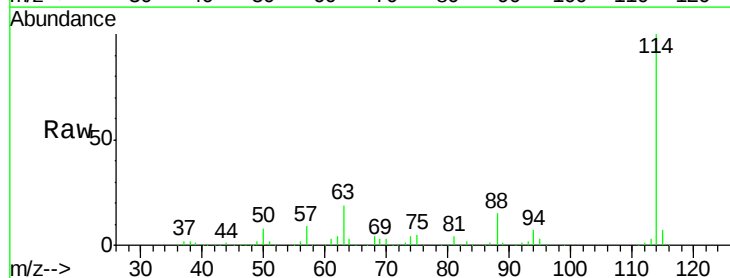
Instrument :
 MSVOA_X
 ClientSampleId :
 LF015MW100-180418DL

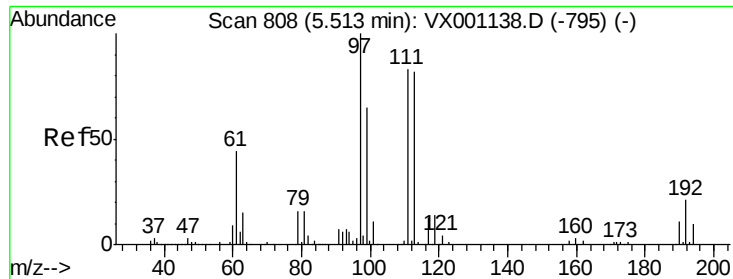
Tot Ion: 65 Resp: 137635
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001178.D
 Acq: 27 Apr 2018 18:36

Tgt Ion: 114 Resp: 259106
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.4
 88 14.7 0.0 31.8

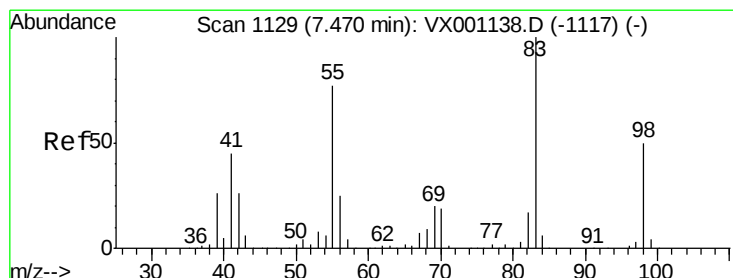
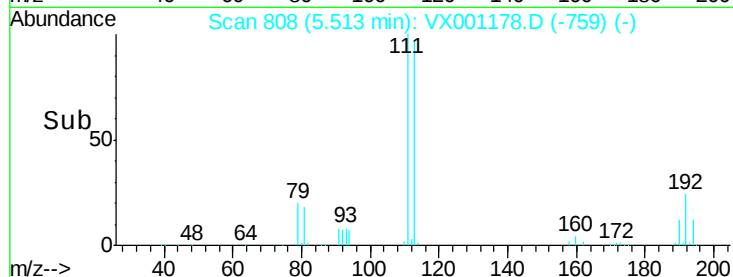
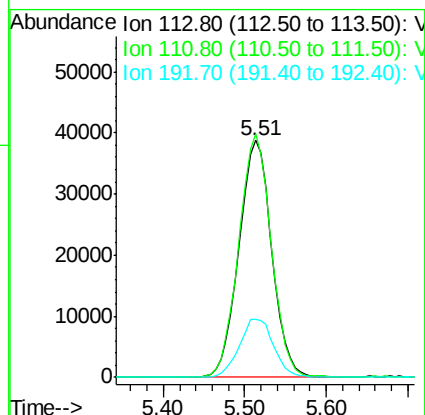
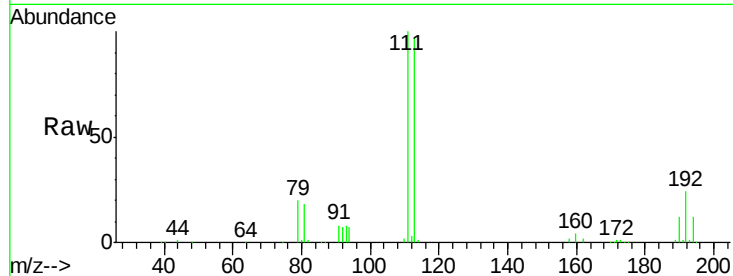




#35
Dibromofluoromethane
Concen: 50.38 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001178.D
Acq: 27 Apr 2018 18:36

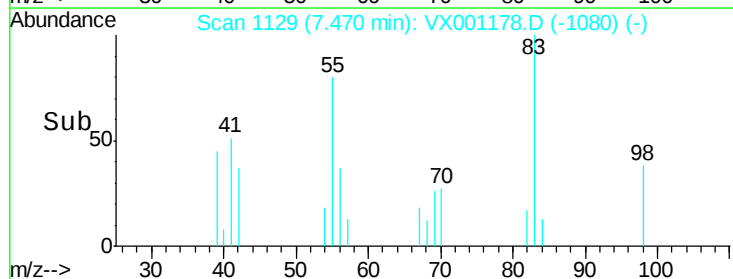
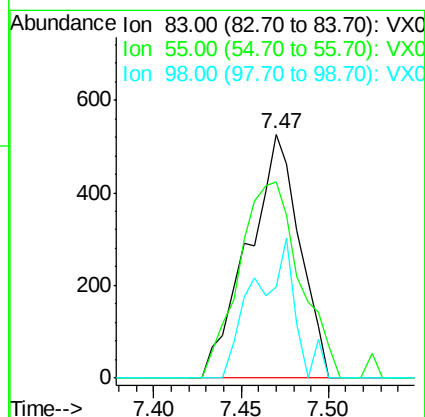
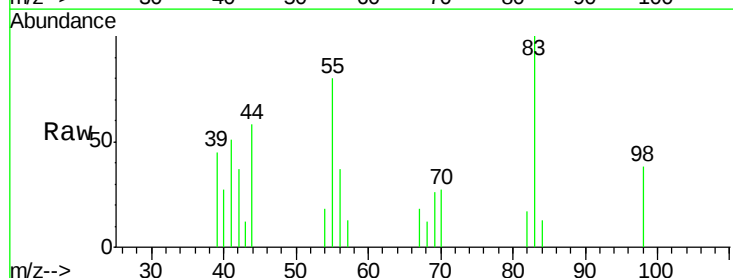
Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-180418DL

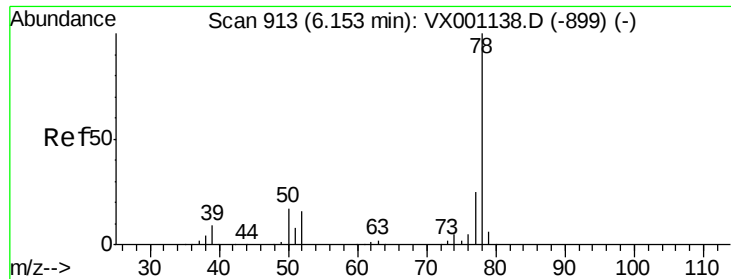
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.2	123.4
192	25.7	20.6	30.8



#39
Methylcyclohexane
Concen: 0.34 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. -0.00 min
Lab File: VX001178.D
Acq: 27 Apr 2018 18:36

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.4	61.8	92.6
98	37.6	40.0	60.0

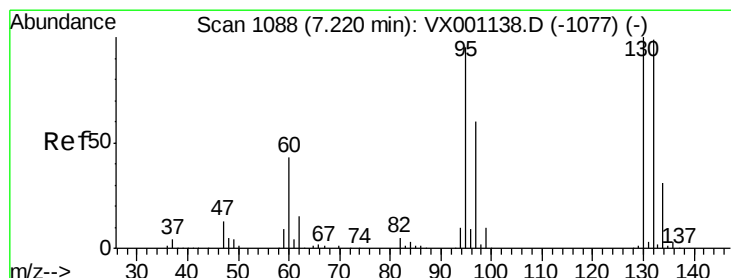
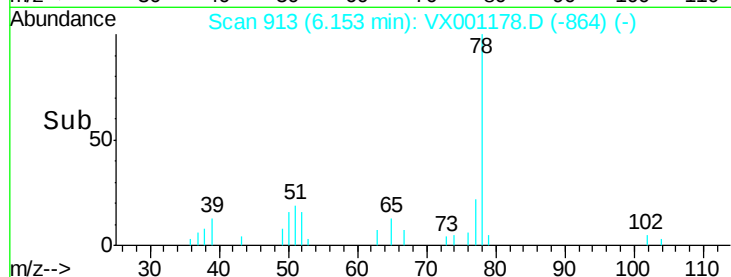
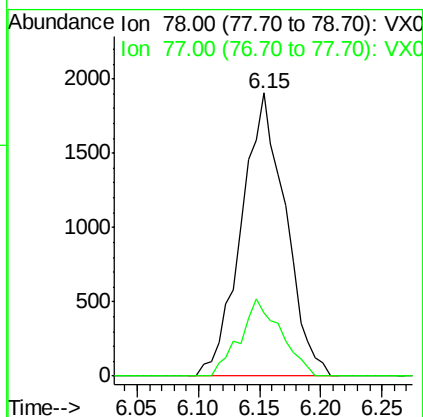
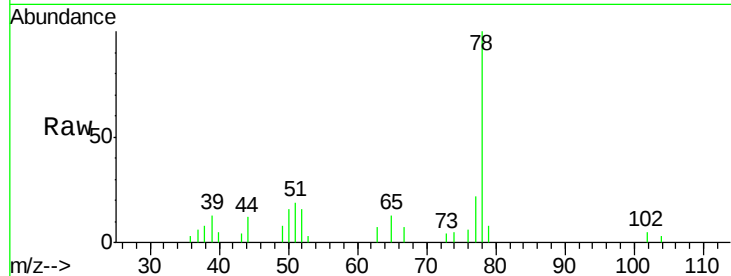




#40
Benzene
Concen: 0.58 ug/l
RT: 6.15 min Scan# 913
Delta R.T. -0.00 min
Lab File: VX001178.D
Acq: 27 Apr 2018 18:36

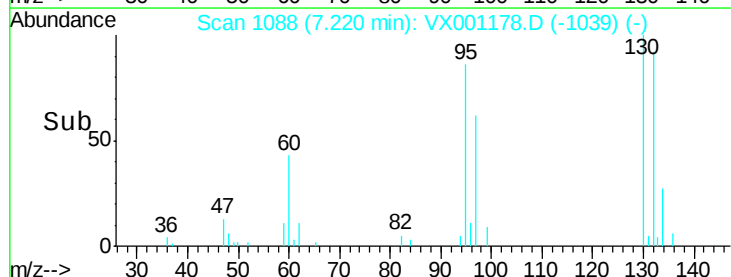
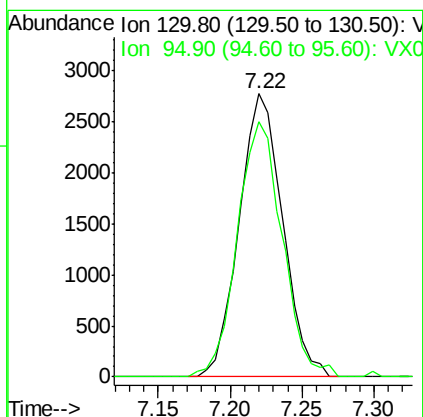
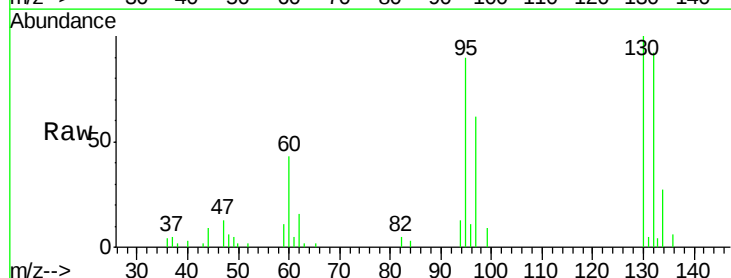
Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-180418DL

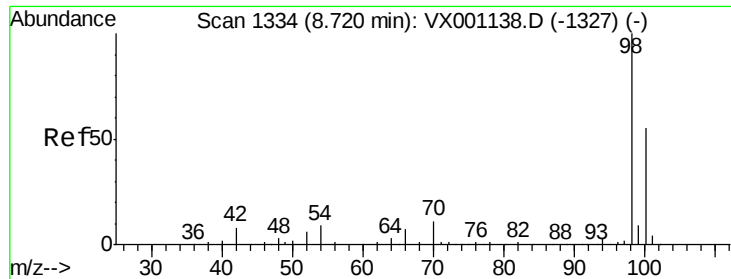
Tot Ion: 78 Resp: 4786
Ion Ratio Lower Upper
78 100
77 22.2 19.7 29.5



#44
Trichloroethene
Concen: 2.36 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VX001178.D
Acq: 27 Apr 2018 18:36

Tgt Ion:130 Resp: 5803
Ion Ratio Lower Upper
130 100
95 90.2 0.0 189.6





#50

Toluene-d8

Concen: 50.73 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001178.D

Acq: 27 Apr 2018 18:36

Instrument :

MSVOA_X

ClientSampleId :

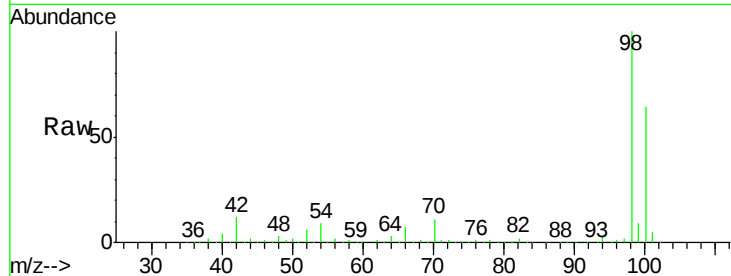
LF015MW100-180418DL

Tot Ion: 98 Resp: 410602

Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

250000

200000

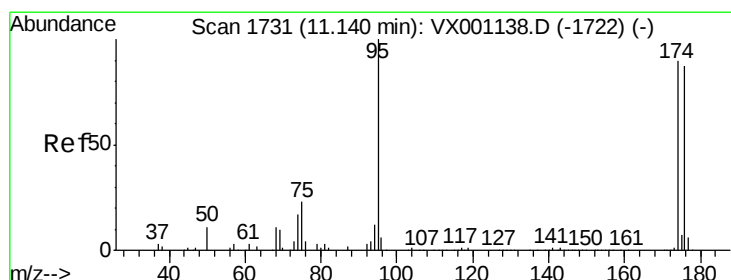
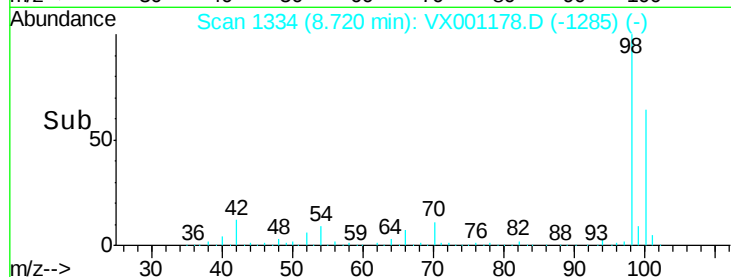
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.28 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001178.D

Acq: 27 Apr 2018 18:36

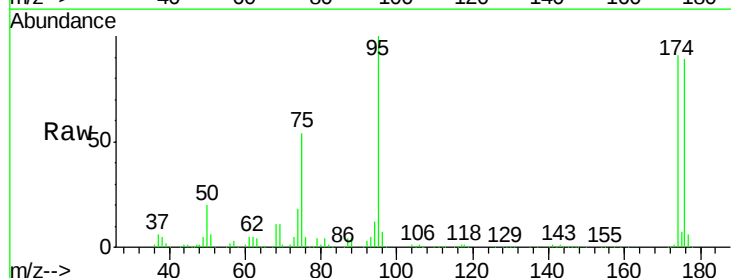
Tgt Ion: 95 Resp: 136838

Ion Ratio Lower Upper

95 100

174 99.9 0.0 194.4

176 98.0 0.0 190.2



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

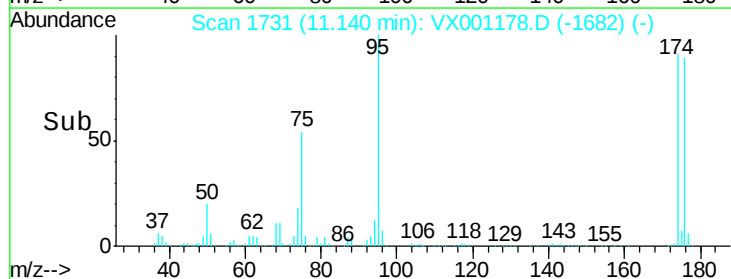
11.14

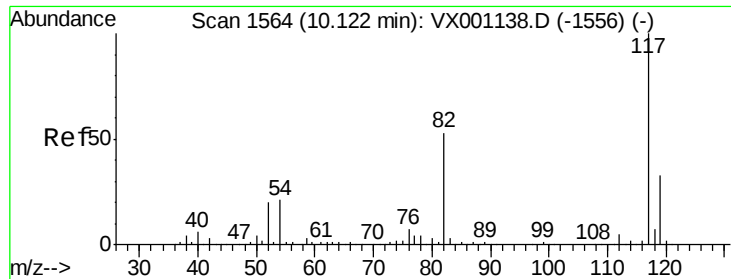
100000

50000

0

Time-->

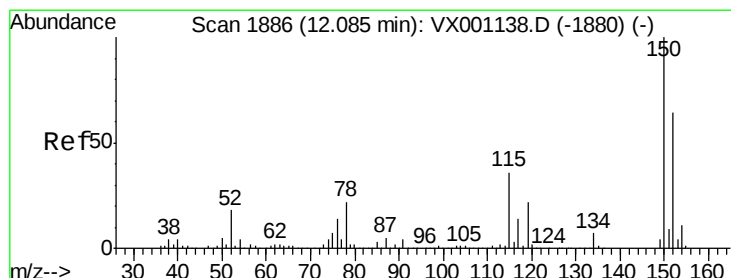
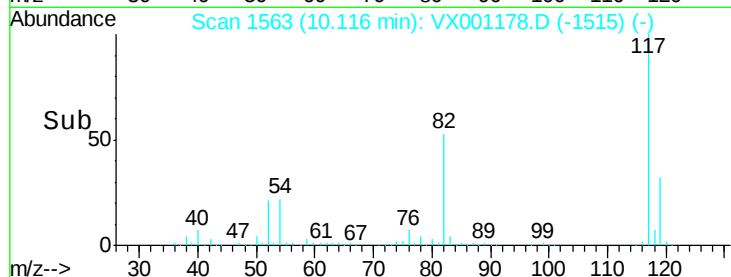
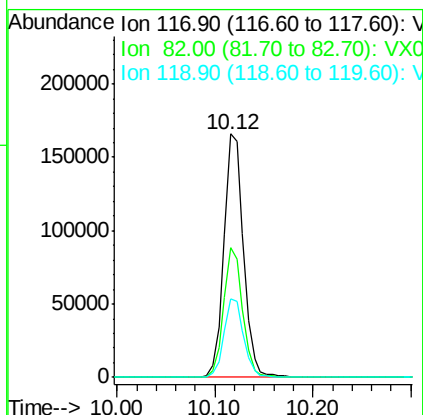
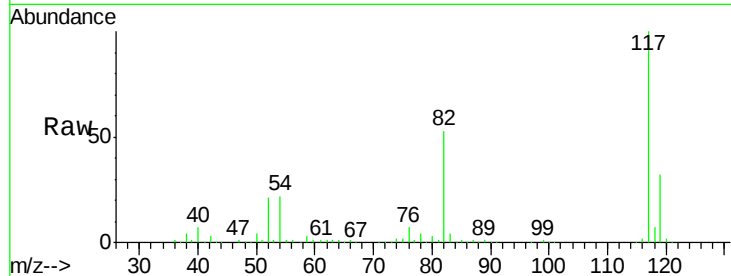




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001178.D
Acq: 27 Apr 2018 18:36

Instrument :
MSVOA_X
ClientSampleId :
LF015MW100-180418DL

Tot Ion:117 Resp: 230089
Ion Ratio Lower Upper
117 100
82 53.1 42.1 63.1
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001178.D
Acq: 27 Apr 2018 18:36

Tgt Ion:152 Resp: 124097
Ion Ratio Lower Upper
152 100
115 52.8 38.0 114.0
150 155.6 0.0 349.6

