

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001182.D
 Acq On : 27 Apr 2018 20:19
 Operator : JC/MD
 Sample : J2464-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW001-180417

Quant Time: Apr 28 03:11:39 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	196340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	267577	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	235557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126225	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	149387	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
35) Dibromofluoromethane	5.51	113	117793	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	8.72	98	445253	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	11.14	95	147808	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	

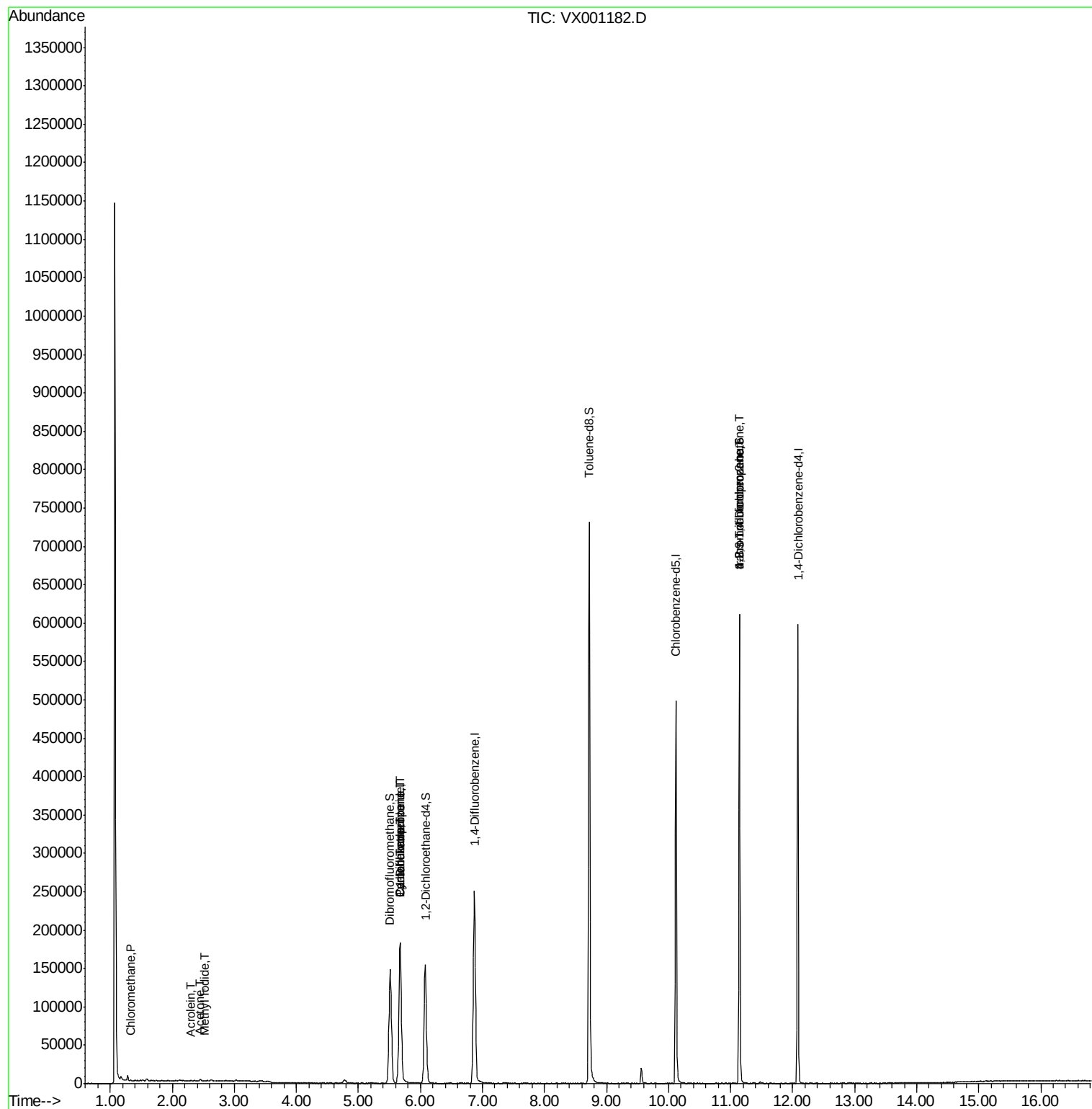
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	645	0.299	ug/l	92
5) Bromomethane	1.65	94	249	Below Cal	#	69
10) Methyl Iodide	2.51	142	143	7.297	ug/l #	80
13) Acrolein	2.29	56	93	0.410	ug/l #	1
16) Acetone	2.45	43	2133	1.704	ug/l #	76
31) Cyclohexane	5.68	56	3449	1.066	ug/l #	23
36) 1,1-Dichloropropene	5.67	75	12222	4.145	ug/l #	49
38) Carbon Tetrachloride	5.67	117	17176	5.681	ug/l #	18
76) 1,2,3-Trichloropropane	11.14	75	76849	29.899	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	76849	90.415	ug/l #	6

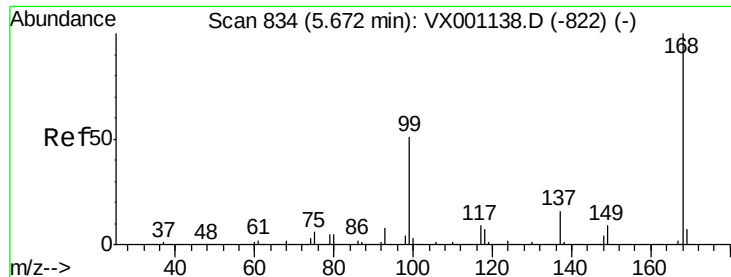
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001182.D

Acq: 27 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

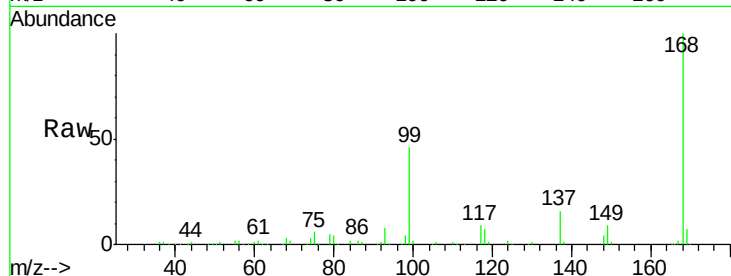
LF017MW001-180417

Tgt Ion:168 Resp: 196340

Ion Ratio Lower Upper

168 100

99 45.5 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

80000

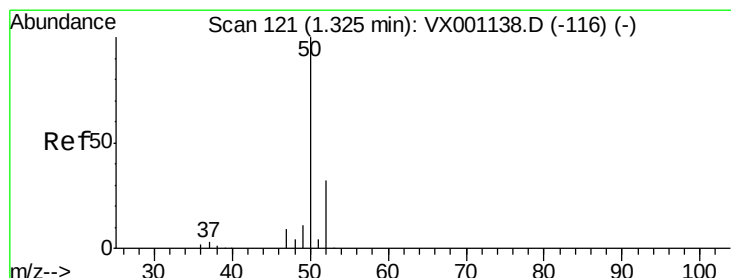
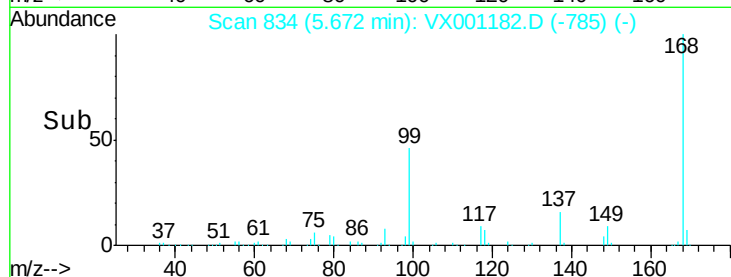
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.299 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001182.D

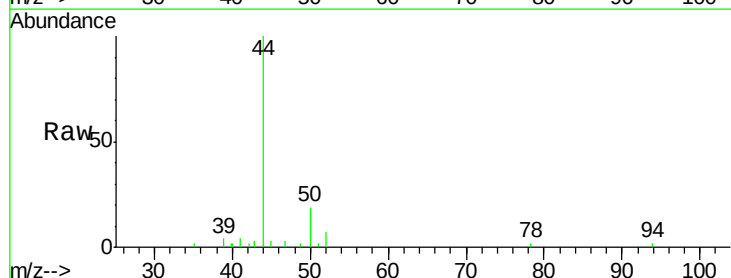
Acq: 27 Apr 2018 20:19

Tgt Ion: 50 Resp: 645

Ion Ratio Lower Upper

50 100

52 36.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

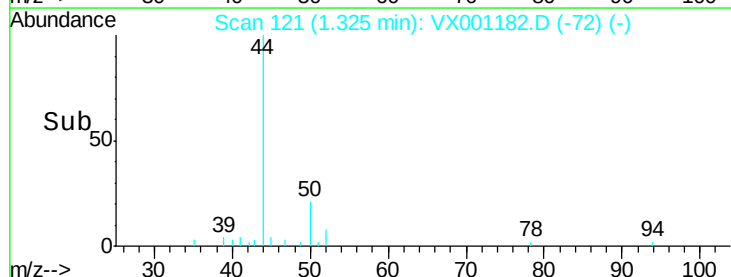
600

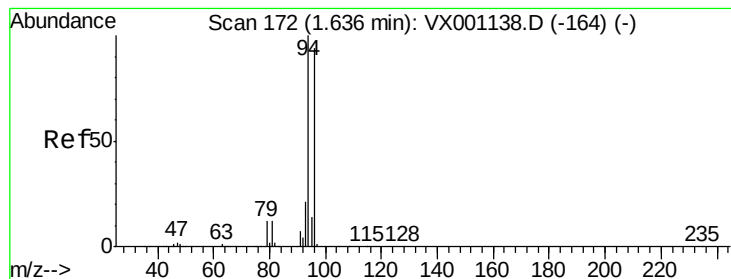
400

200

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001182.D

Acq: 27 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

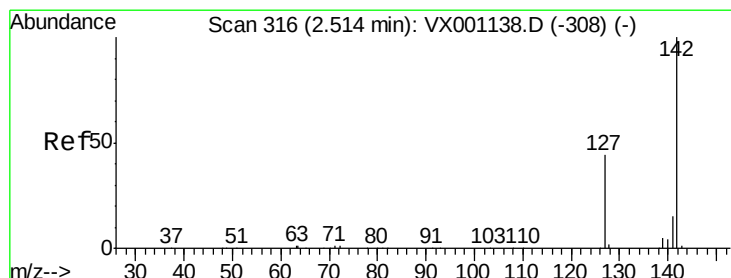
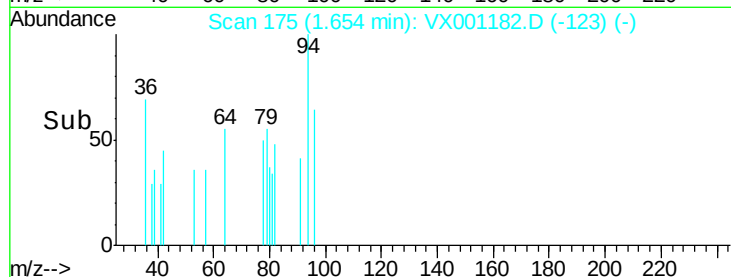
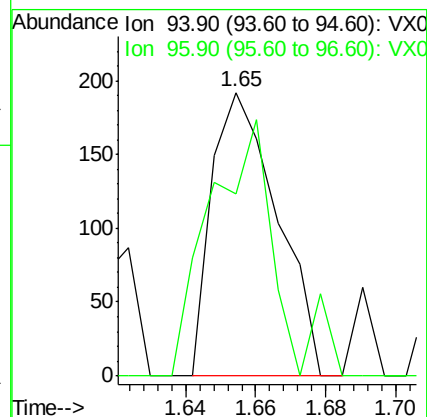
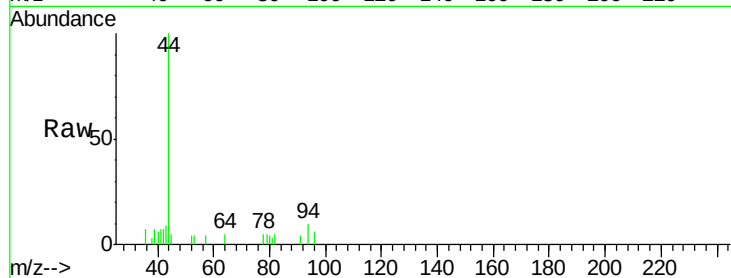
LF017MW001-180417

Tgt Ion: 94 Resp: 249

Ion Ratio Lower Upper

94 100

96 64.1 75.3 112.9#



#10

Methyl Iodide

Concen: 7.297 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001182.D

Acq: 27 Apr 2018 20:19

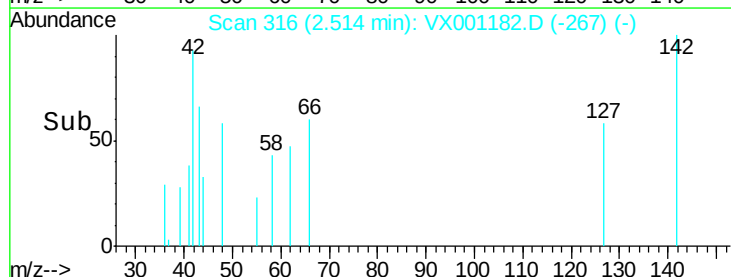
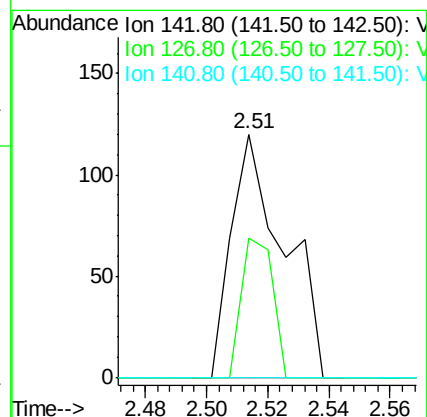
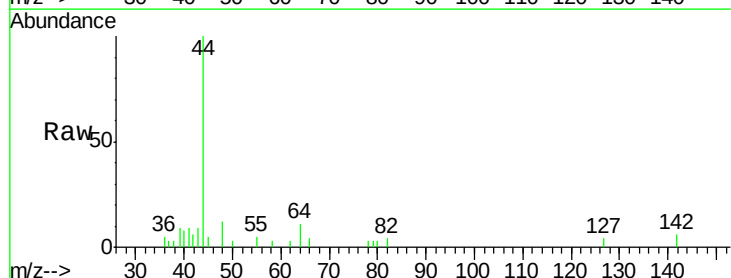
Tgt Ion: 142 Resp: 143

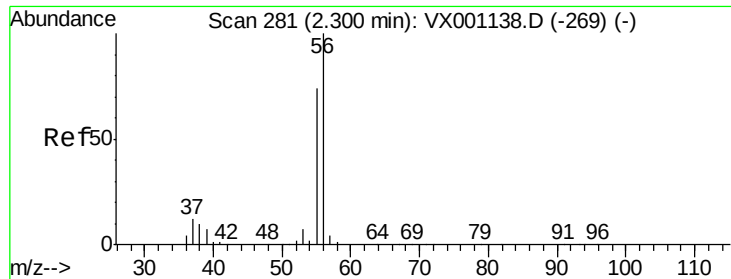
Ion Ratio Lower Upper

142 100

127 33.6 34.7 52.1#

141 0.0 11.6 17.4#





#13

Acrolein

Concen: 0.410 ug/l

RT: 2.29 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX001182.D

Acq: 27 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

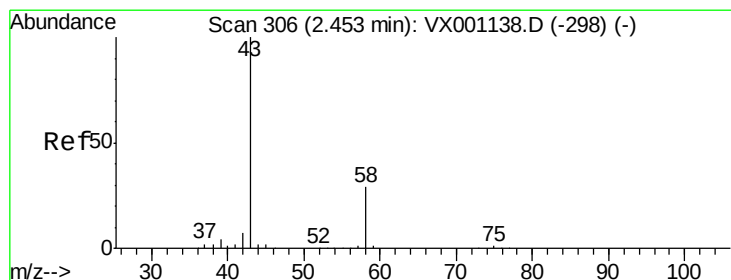
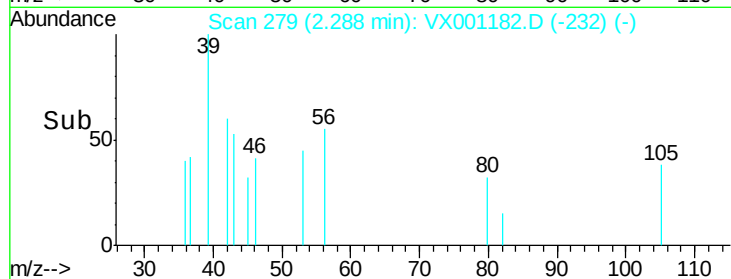
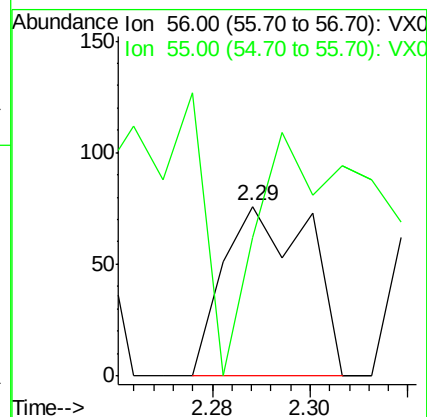
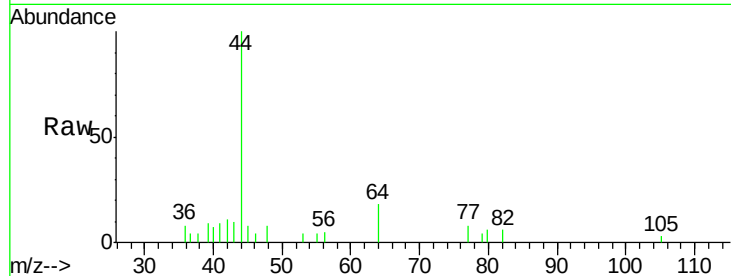
LF017MW001-180417

Tgt Ion: 56 Resp: 93

Ion Ratio Lower Upper

56 100

55 197.8 57.2 85.8#



#16

Acetone

Concen: 1.704 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001182.D

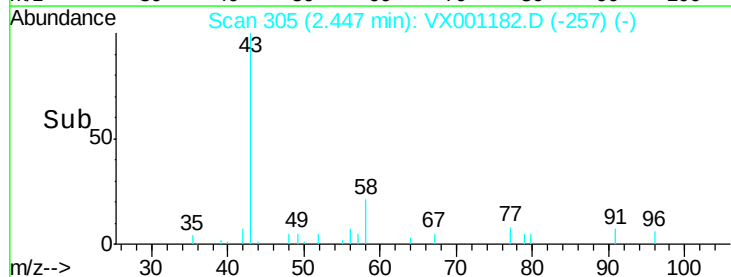
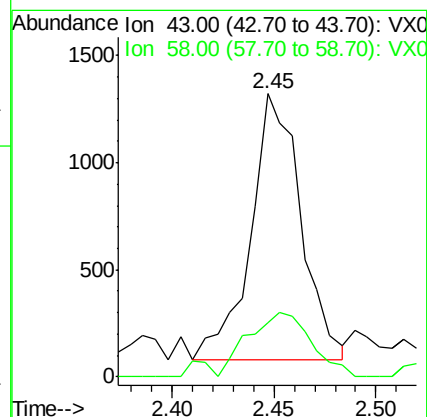
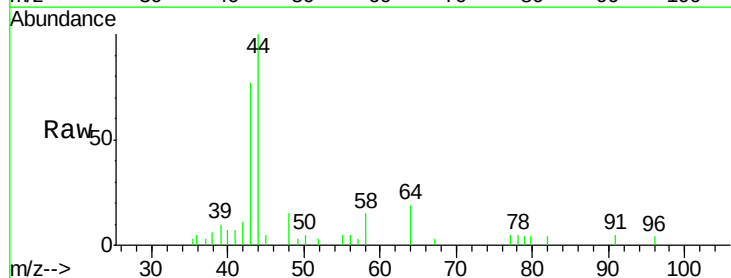
Acq: 27 Apr 2018 20:19

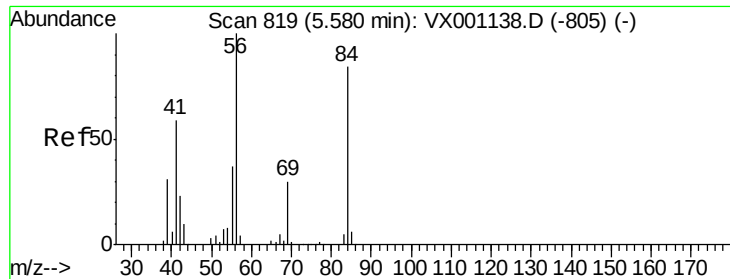
Tgt Ion: 43 Resp: 2133

Ion Ratio Lower Upper

43 100

58 15.9 23.0 34.6#





#31

Cyclohexane

Concen: 1.066 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.10 min

Lab File: VX001182.D

Acq: 27 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

LF017MW001-180417

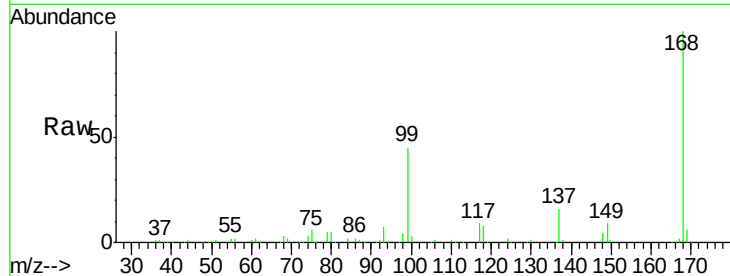
Tgt Ion: 56 Resp: 3449

Ion Ratio Lower Upper

56 100

69 133.0 24.2 36.2#

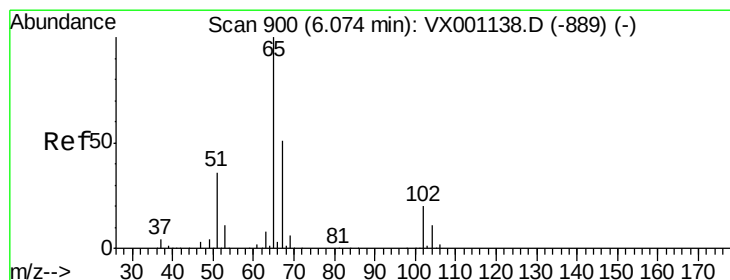
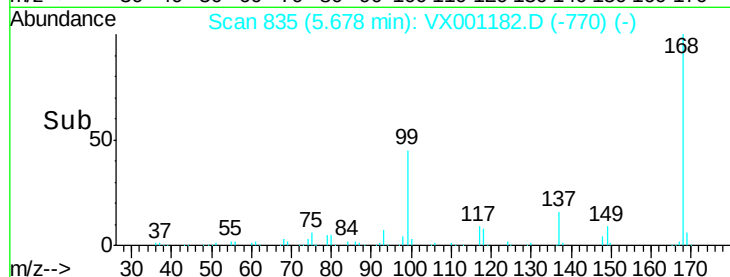
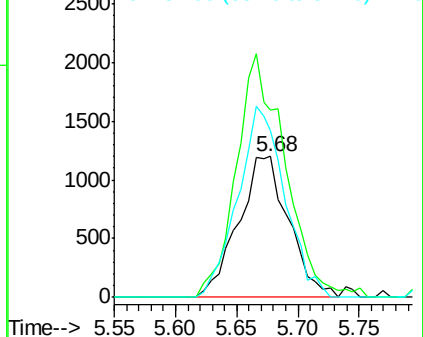
84 118.3 67.5 101.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.084 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001182.D

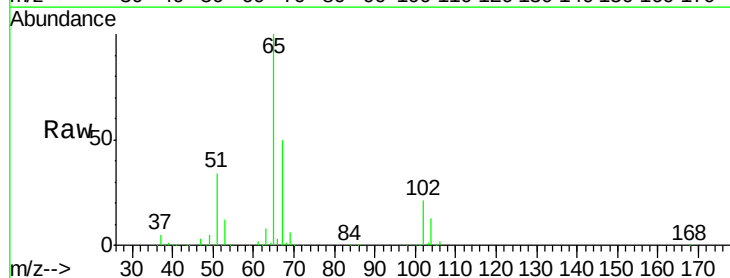
Acq: 27 Apr 2018 20:19

Tgt Ion: 65 Resp: 149387

Ion Ratio Lower Upper

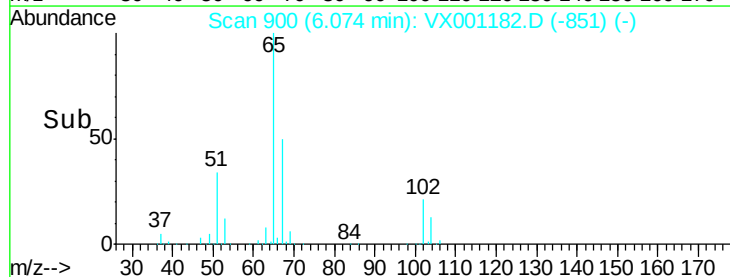
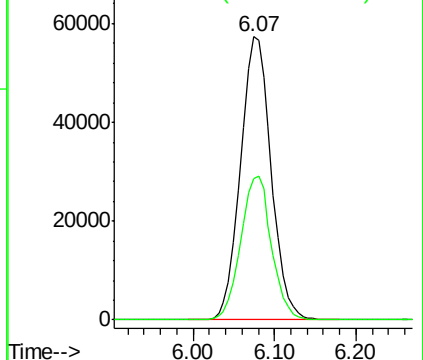
65 100

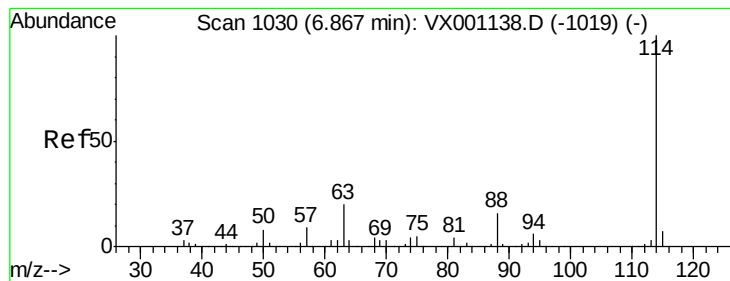
67 51.0 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VX001182.D

Acq: 27 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

LF017MW001-180417

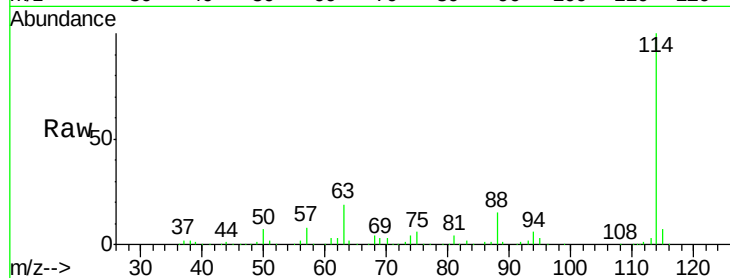
Tgt Ion:114 Resp: 267577

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.4

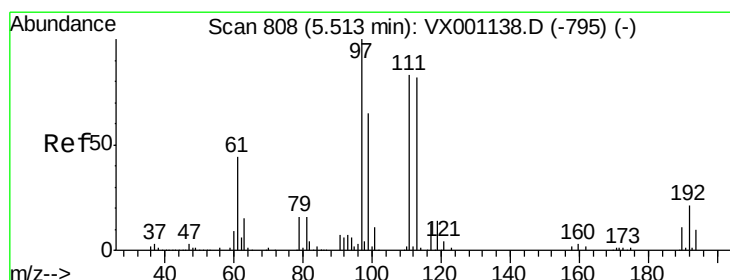
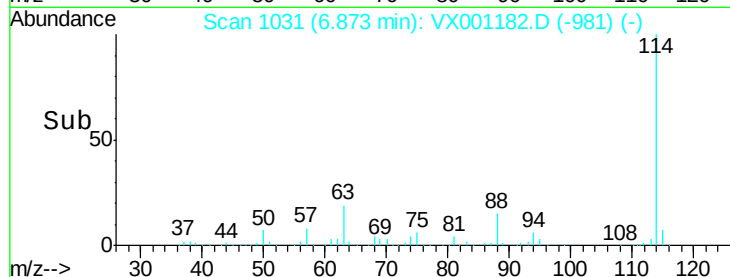
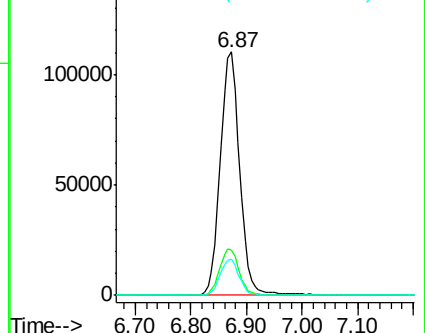
88 14.7 0.0 31.8



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: 53.186 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001182.D

Acq: 27 Apr 2018 20:19

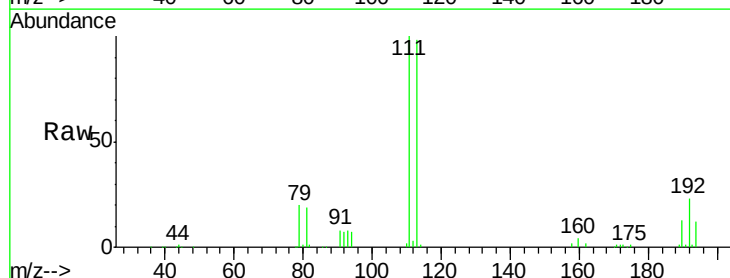
Tgt Ion:113 Resp: 117793

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

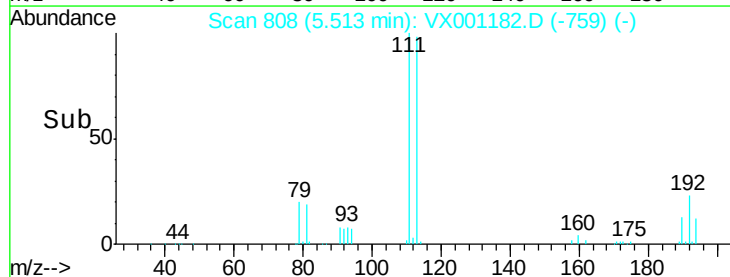
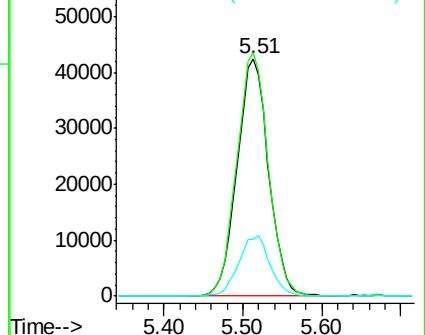
192 25.6 20.6 30.8

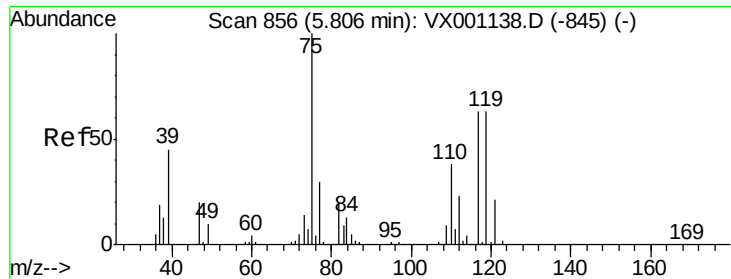


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

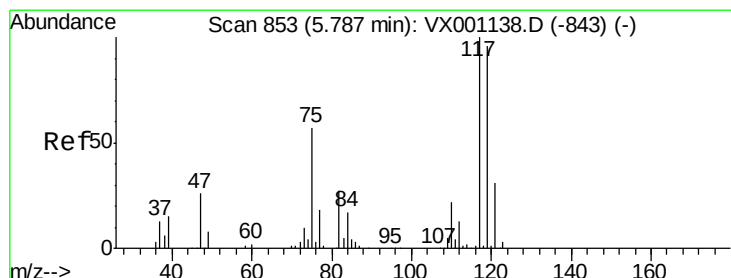
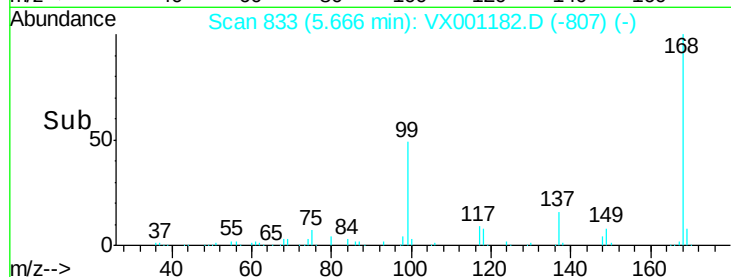
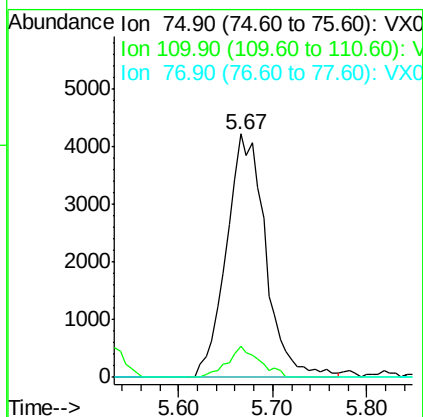
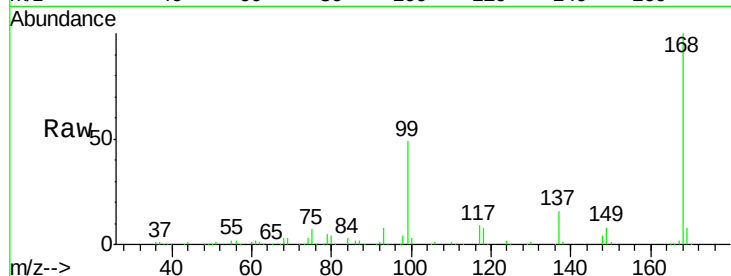




#36
 1,1-Dichloropropene
 Concen: 4.145 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001182.D
 Acq: 27 Apr 2018 20:19

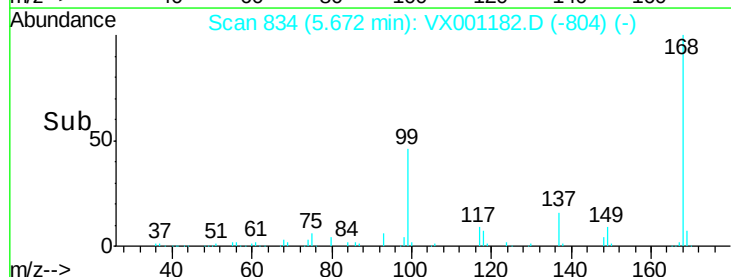
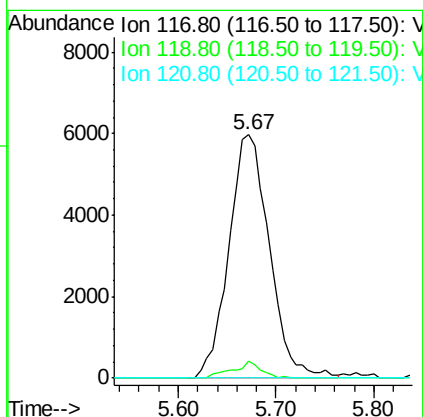
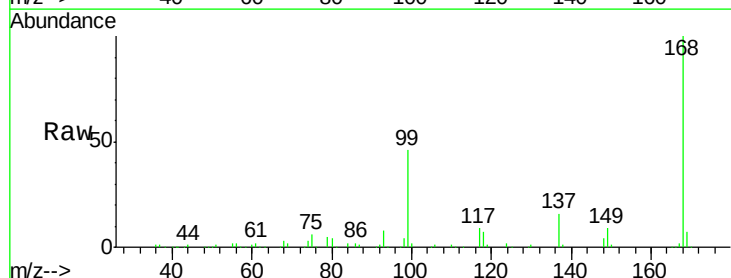
Instrument :
 MSVOA_X
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 LF017MW001-180417

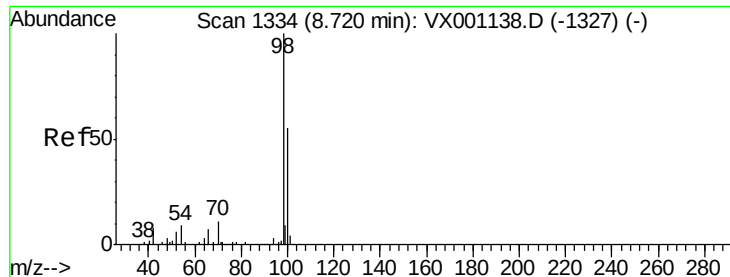
Tgt Ion: 75 Resp: 12222
 Ion Ratio Lower Upper
 75 100
 110 10.4 19.0 57.0#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 5.681 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001182.D
 Acq: 27 Apr 2018 20:19

Tgt Ion: 117 Resp: 17176
 Ion Ratio Lower Upper
 117 100
 119 7.1 76.5 114.7#
 121 0.0 24.6 37.0#





#50

Toluene-d8

Concen: 53.272 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001182.D

Acq: 27 Apr 2018 20:19

Instrument :

MSVOA_X

ClientSampleId :

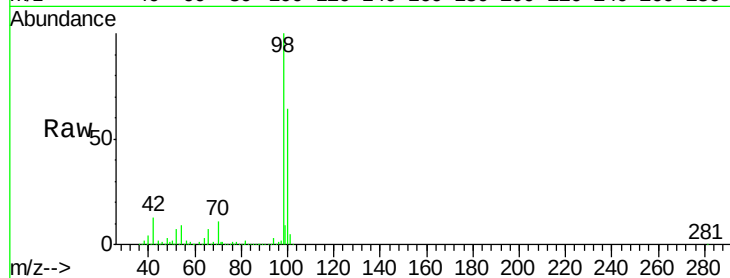
LF017MW001-180417

Tgt Ion: 98 Resp: 445253

Ion Ratio Lower Upper

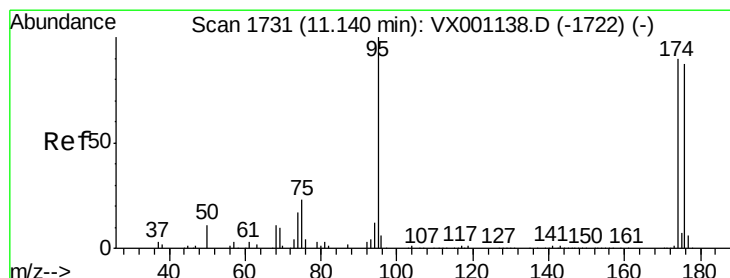
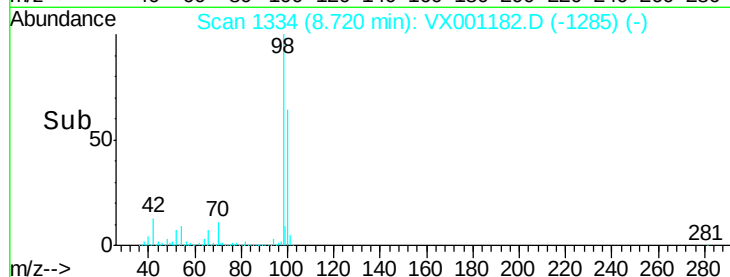
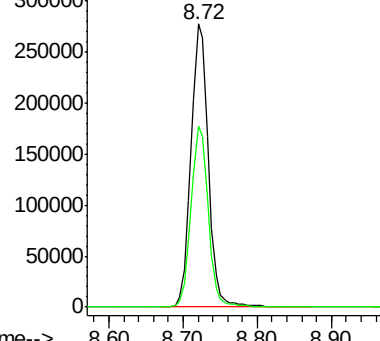
98 100

100 63.6 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.270 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001182.D

Acq: 27 Apr 2018 20:19

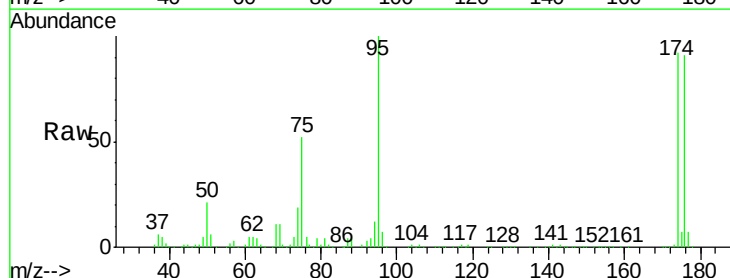
Tgt Ion: 95 Resp: 147808

Ion Ratio Lower Upper

95 100

174 101.9 0.0 194.4

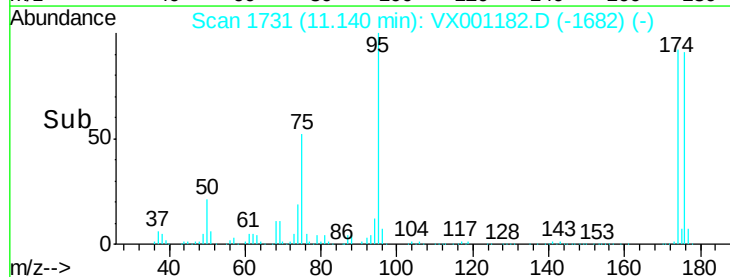
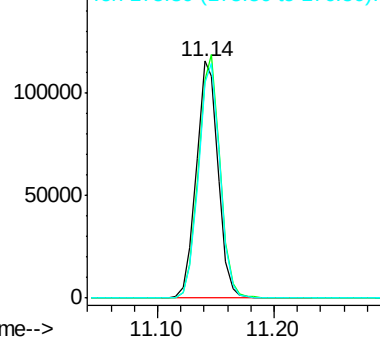
176 98.8 0.0 190.2

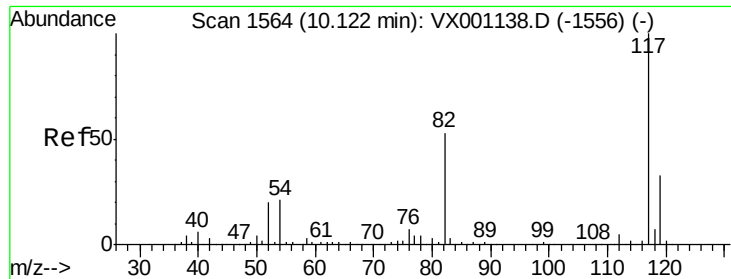


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

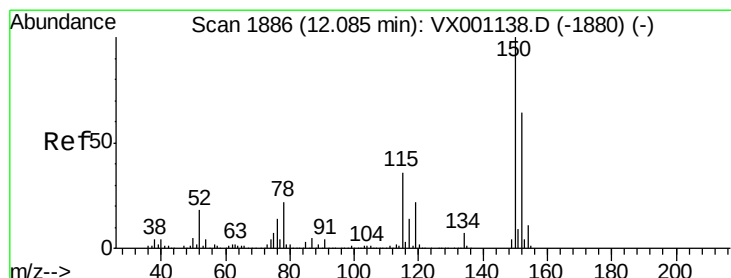
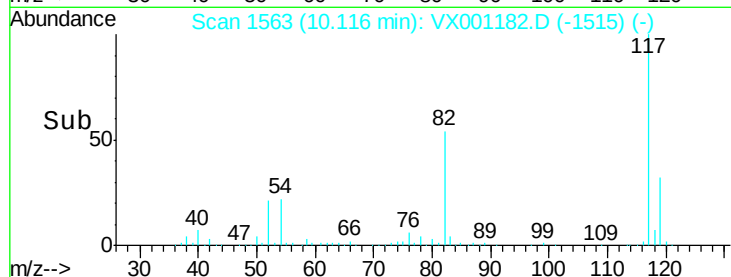
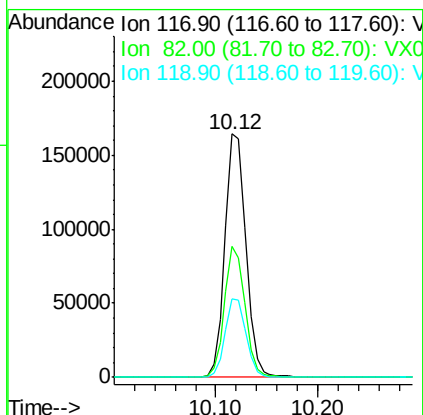
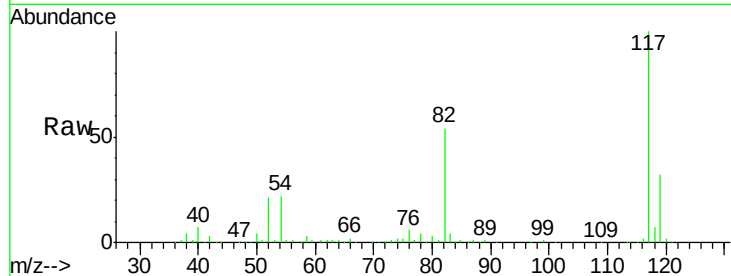




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001182.D
Acq: 27 Apr 2018 20:19

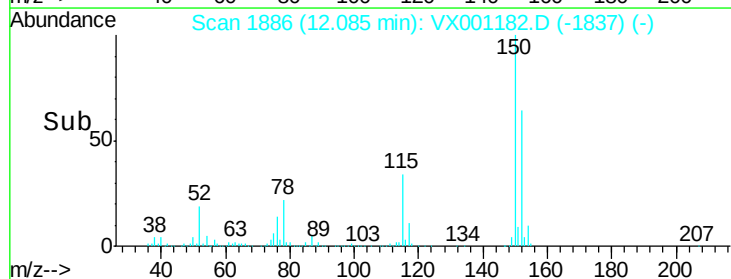
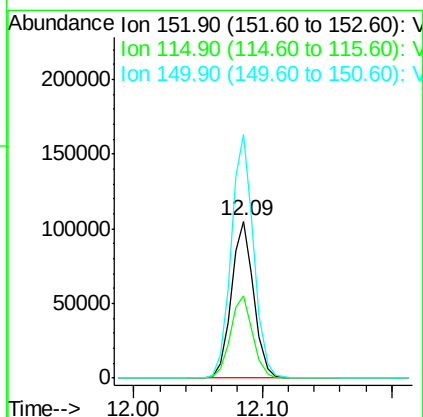
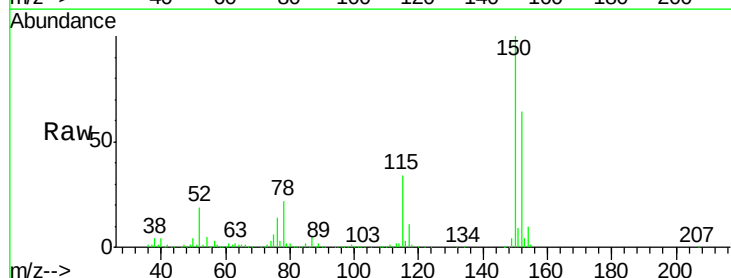
Instrument :
MSVOA_X
ClientSampleId :
LF017MW001-180417

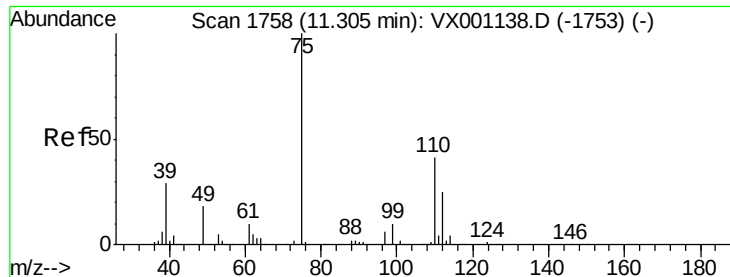
Tgt Ion:117 Resp: 235557
Ion Ratio Lower Upper
117 100
82 53.8 42.1 63.1
119 32.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001182.D
Acq: 27 Apr 2018 20:19

Tgt Ion:152 Resp: 126225
Ion Ratio Lower Upper
152 100
115 52.9 38.0 114.0
150 156.4 0.0 349.6

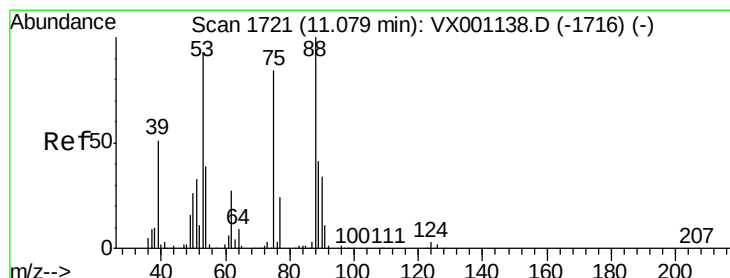
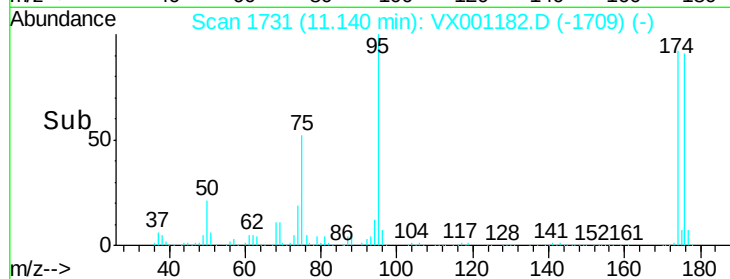
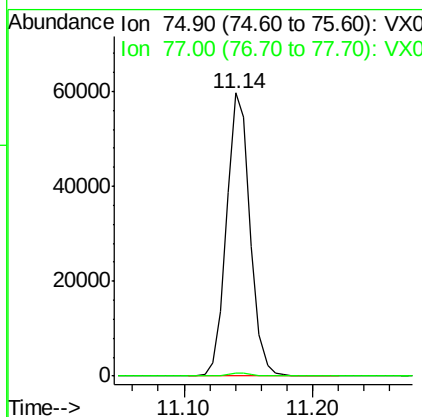
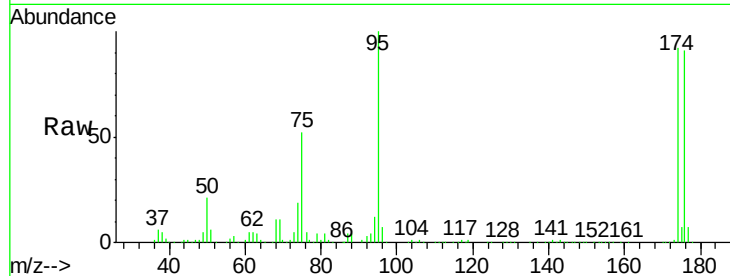




#76
 1,2,3-Trichloropropane
 Concen: 29.899 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001182.D
 Acq: 27 Apr 2018 20:19

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW001-180417

Tgt Ion: 75 Resp: 76849
 Ion Ratio Lower Upper
 75 100
 77 1.2 18.9 56.9#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.415 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001182.D
 Acq: 27 Apr 2018 20:19

Tgt Ion: 75 Resp: 76849
 Ion Ratio Lower Upper
 75 100
 53 0.0 87.9 131.9#
 89 0.0 37.7 56.5#

