

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042718\
 Data File : VX001194.D
 Acq On : 28 Apr 2018 02:16
 Operator : JC/MD
 Sample : J2464-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW001-180417

Quant Time: Apr 28 03:18:23 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	193642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	266398	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	232596	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129375	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	151555	50.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.98%	
35) Dibromofluoromethane	5.51	113	120009	54.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.86%	
50) Toluene-d8	8.72	98	451956	54.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.62%	
62) 4-Bromofluorobenzene	11.14	95	149631	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	

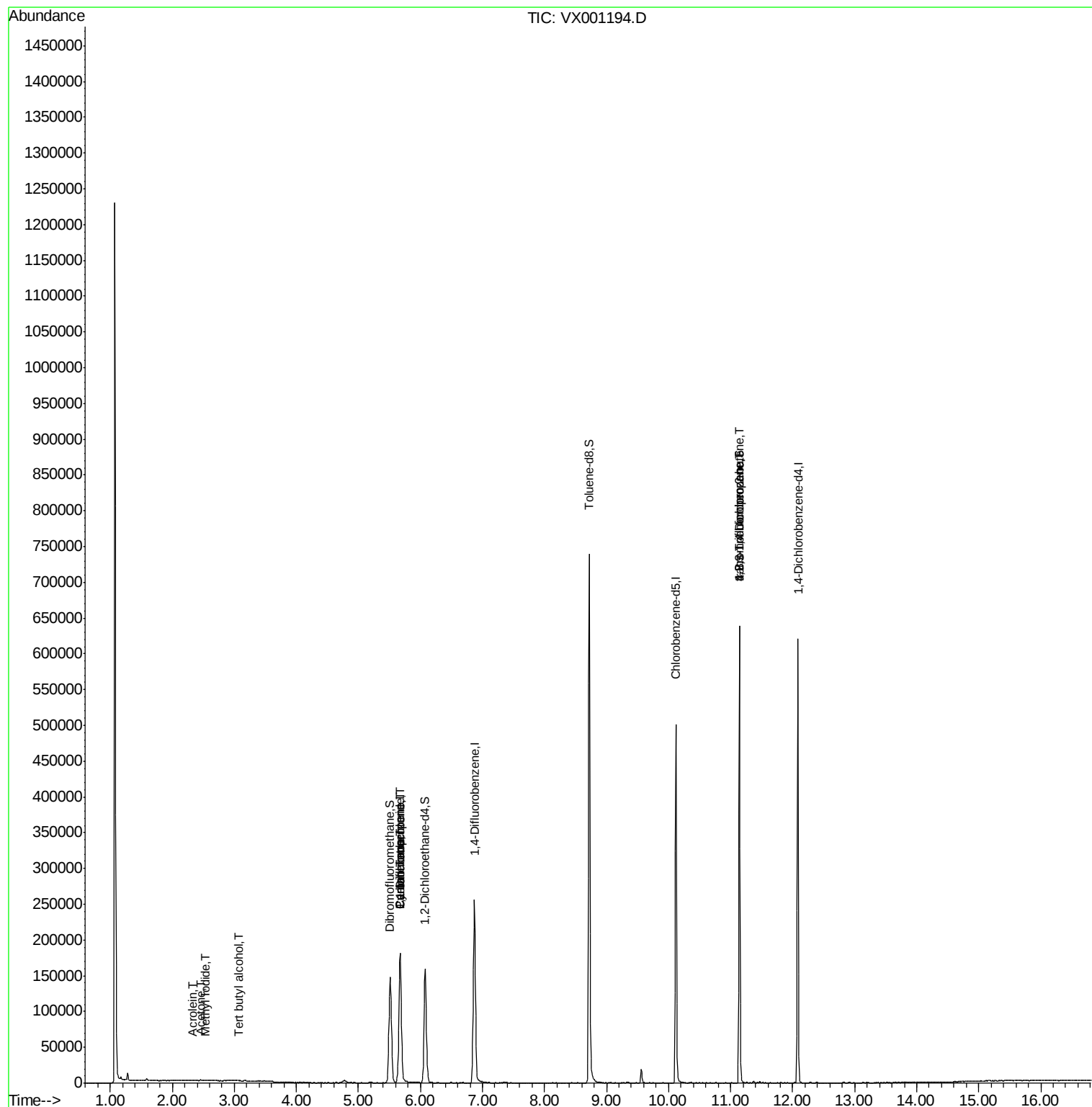
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	366	Below Cal	#	67
10) Methyl Iodide	2.54	142	229	7.333	ug/l #	73
11) Tert butyl alcohol	3.07	59	411	0.694	ug/l #	90
13) Acrolein	2.32	56	73	0.326	ug/l #	3
16) Acetone	2.45	43	1441	1.167	ug/l	94
31) Cyclohexane	5.67	56	3427	1.074	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	12106	4.124	ug/l #	49
38) Carbon Tetrachloride	5.67	117	16282	5.409	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	77036	29.242	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.14	75	77036	88.541	ug/l #	6

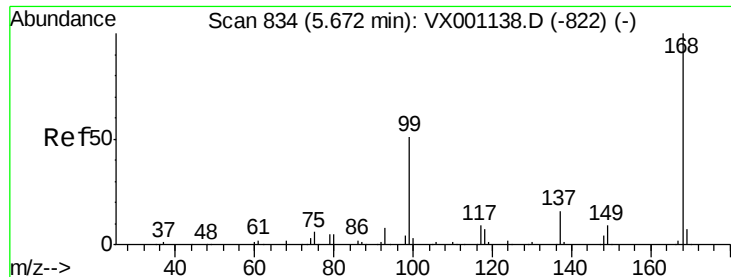
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 27 01:51:42 2018
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: VX001194.D

Acq: 28 Apr 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

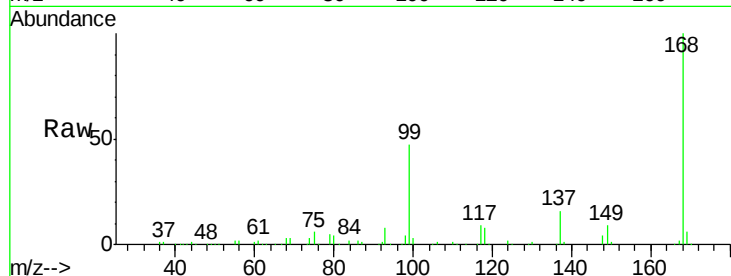
LF017MW001-180417

Tgt Ion:168 Resp: 193642

Ion Ratio Lower Upper

168 100

99 46.9 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

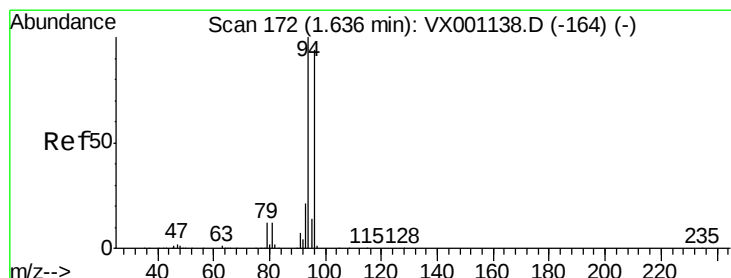
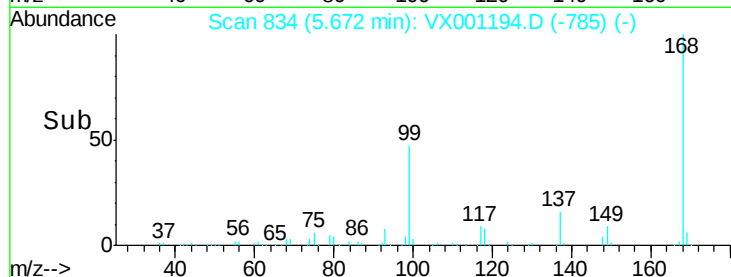
40000

20000

0

5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001194.D

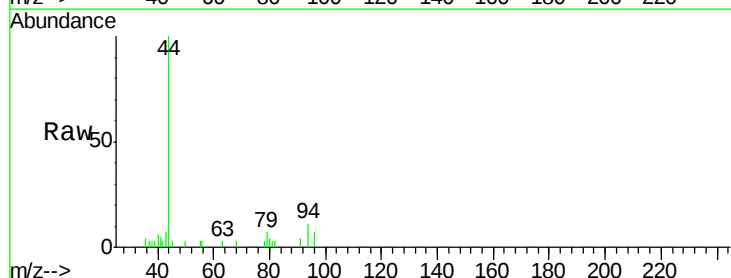
Acq: 28 Apr 2018 02:16

Tgt Ion: 94 Resp: 366

Ion Ratio Lower Upper

94 100

96 62.7 75.3 112.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

150

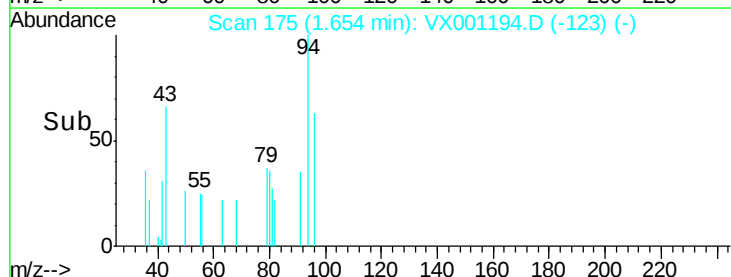
100

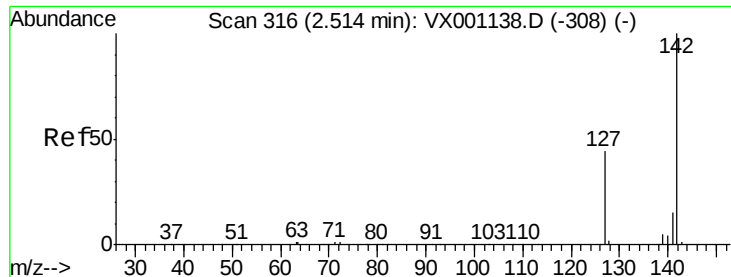
50

0

1.60 1.70

Time-->

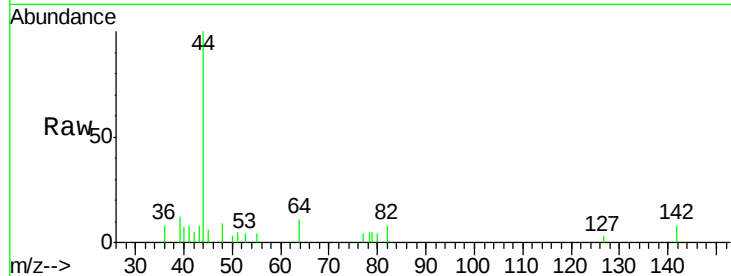




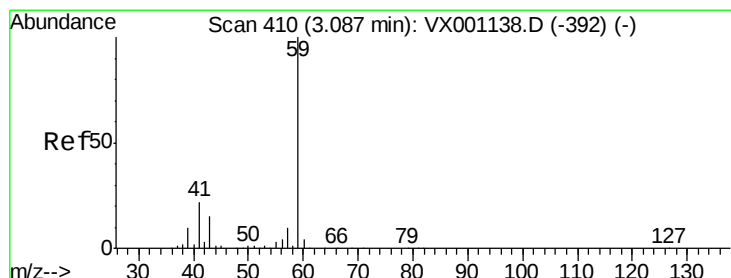
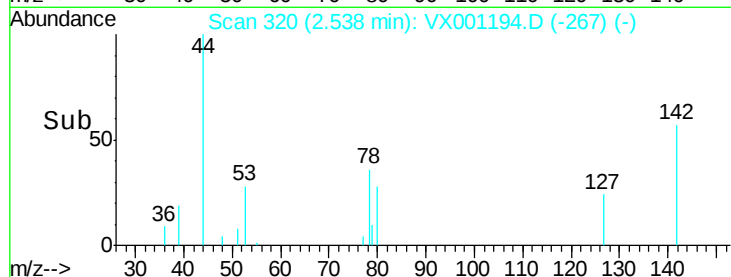
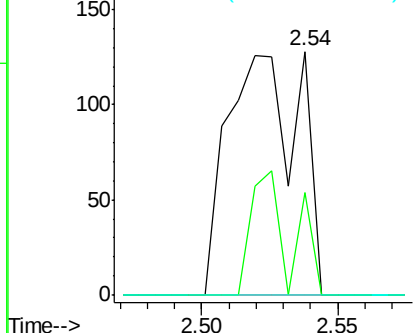
#10
Methyl Iodide
Concen: 7.333 ug/l
RT: 2.54 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX001194.D
Acq: 28 Apr 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
LF017MW001-180417

Tgt Ion: 142 Resp: 229
Ion Ratio Lower Upper
142 100
127 27.9 34.7 52.1#
141 0.0 11.6 17.4#

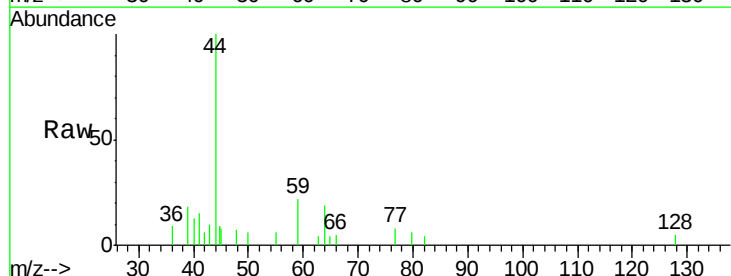


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

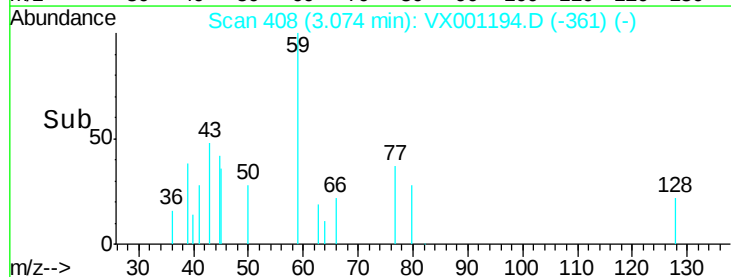
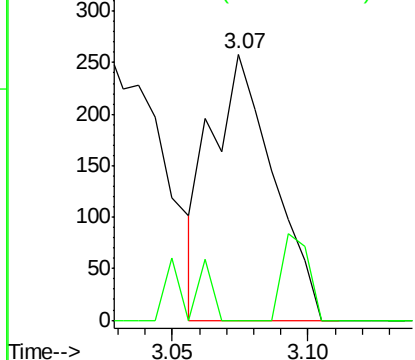


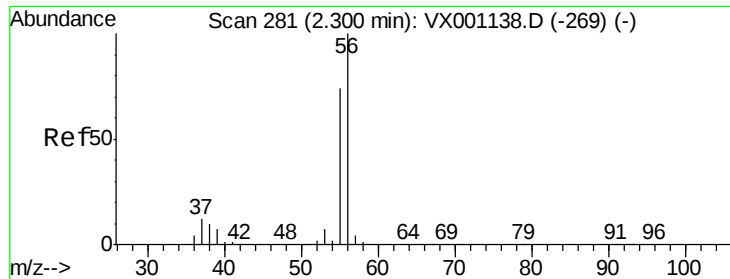
#11
Tert butyl alcohol
Concen: 0.694 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX001194.D
Acq: 28 Apr 2018 02:16

Tgt Ion: 59 Resp: 411
Ion Ratio Lower Upper
59 100
57 13.9 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 0.326 ug/l

RT: 2.32 min Scan# 284

Delta R.T. 0.02 min

Lab File: VX001194.D

Acq: 28 Apr 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

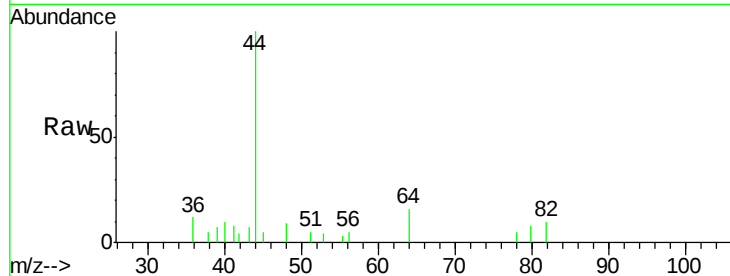
LF017MW001-180417

Tgt Ion: 56 Resp: 73

Ion Ratio Lower Upper

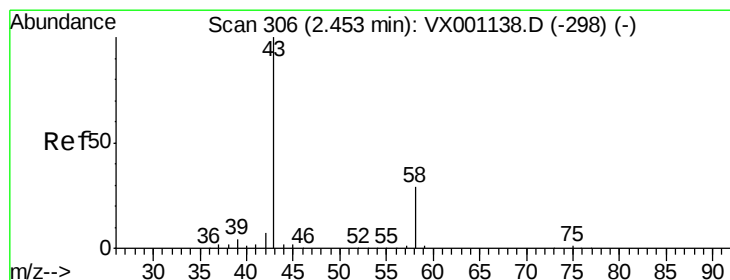
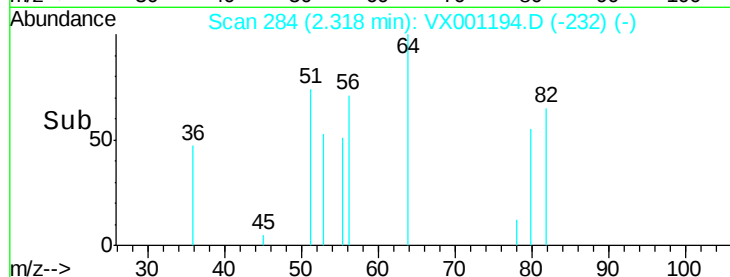
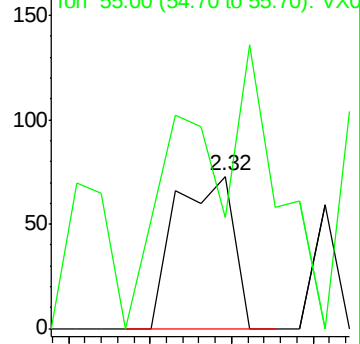
56 100

55 152.1 57.2 85.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 1.167 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001194.D

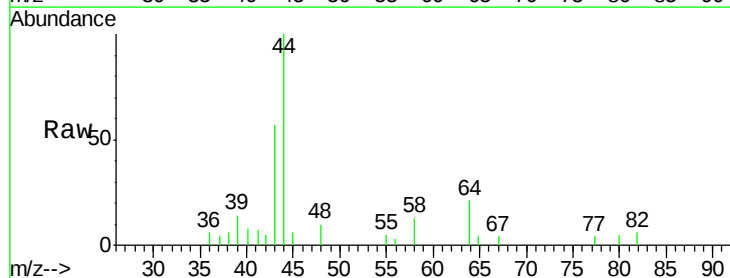
Acq: 28 Apr 2018 02:16

Tgt Ion: 43 Resp: 1441

Ion Ratio Lower Upper

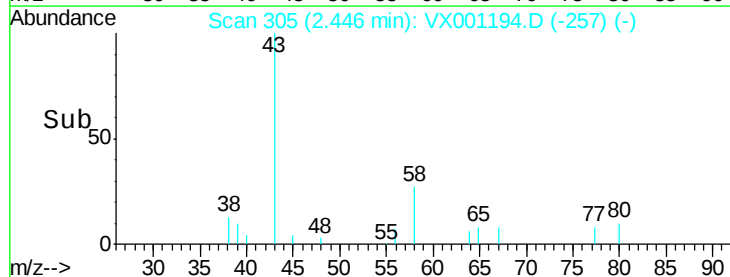
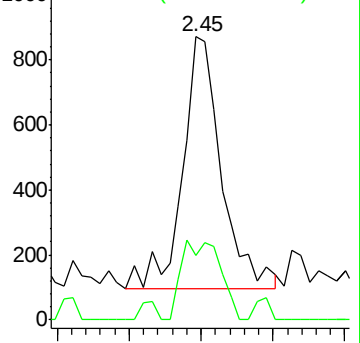
43 100

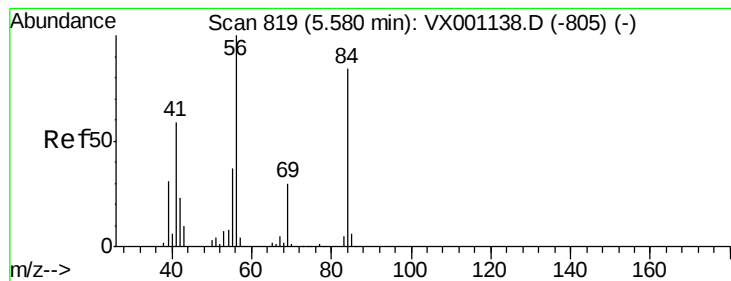
58 25.4 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 1.074 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001194.D

Acq: 28 Apr 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

LF017MW001-180417

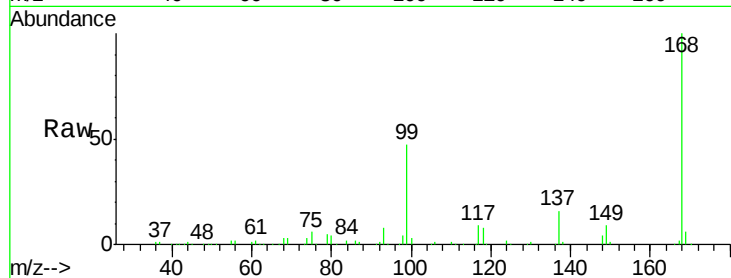
Tgt Ion: 56 Resp: 3427

Ion Ratio Lower Upper

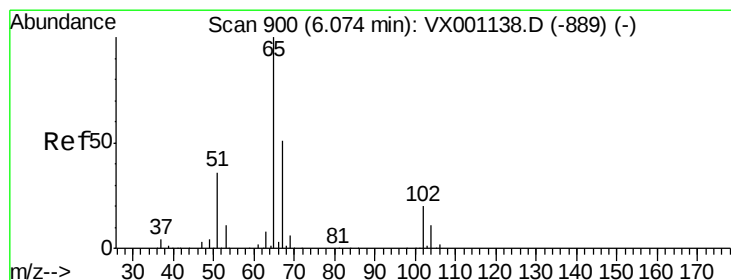
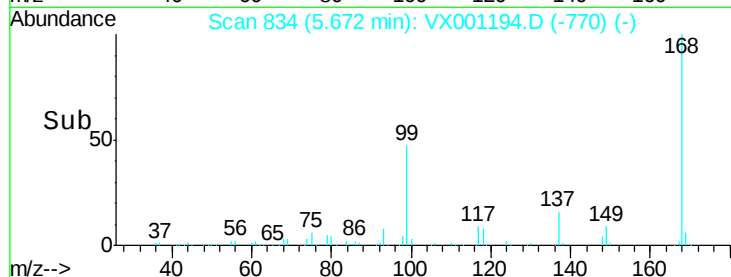
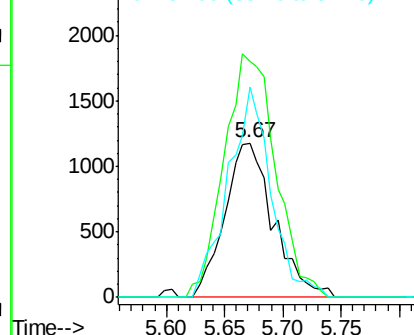
56 100

69 152.5 24.2 36.2#

84 136.4 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: 50.490 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001194.D

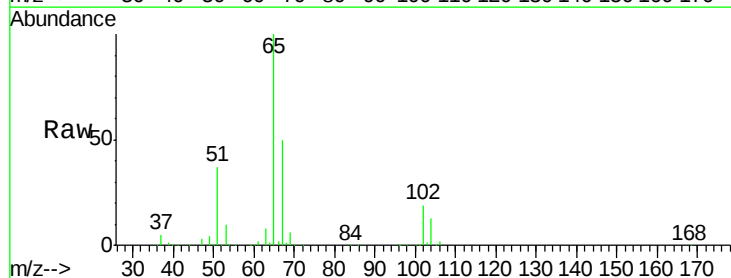
Acq: 28 Apr 2018 02:16

Tgt Ion: 65 Resp: 151555

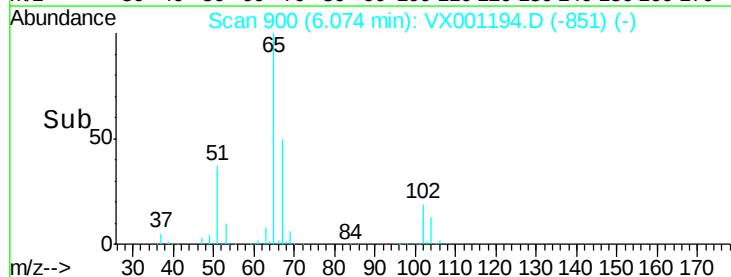
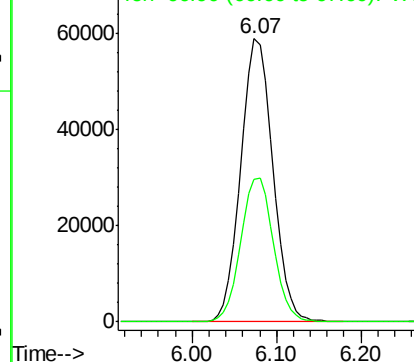
Ion Ratio Lower Upper

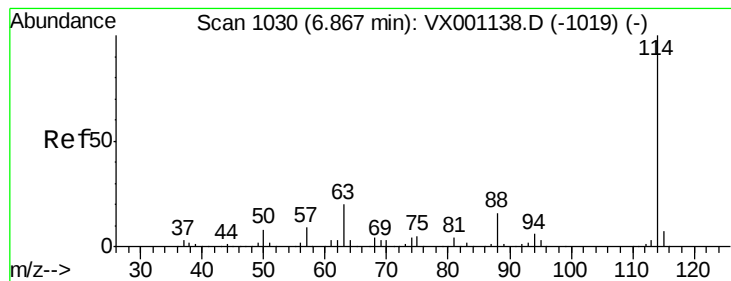
65 100

67 51.7 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# 1030

Delta R.T. -0.00 min

Lab File: VX001194.D

Acq: 28 Apr 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

LF017MW001-180417

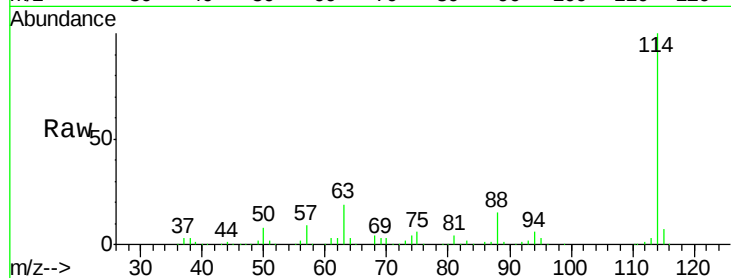
Tgt Ion:114 Resp: 266398

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.4

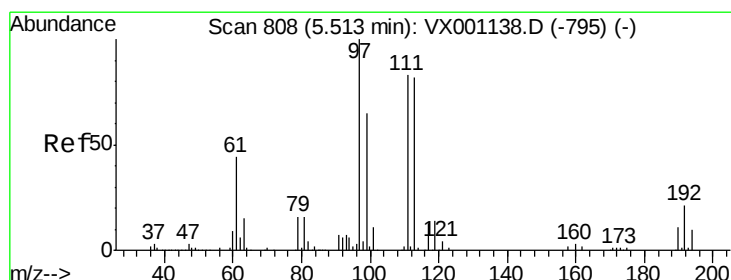
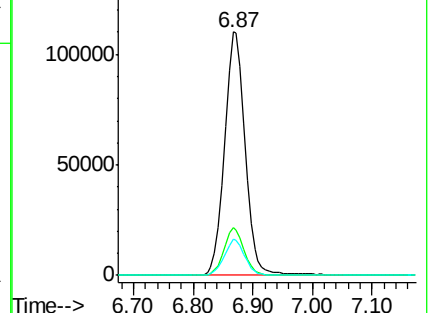
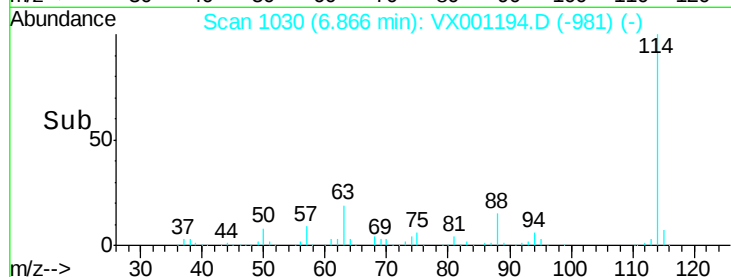
88 14.7 0.0 31.8



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: 54.427 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX001194.D

Acq: 28 Apr 2018 02:16

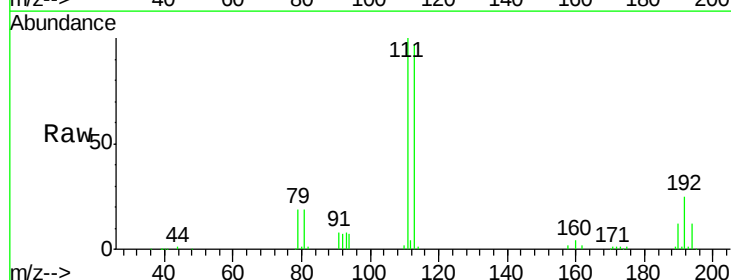
Tgt Ion:113 Resp: 120009

Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

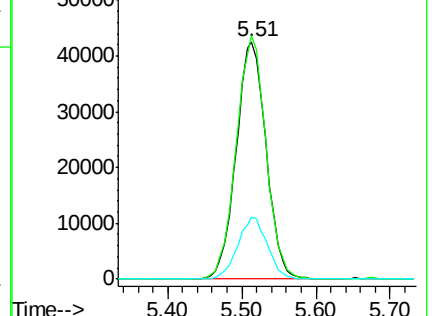
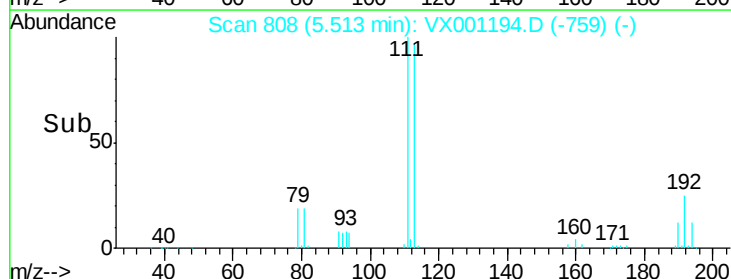
192 25.6 20.6 30.8

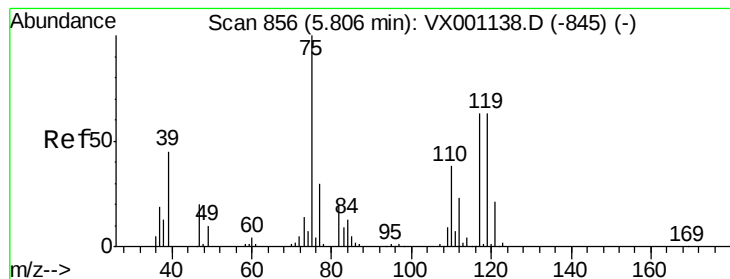


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.124 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.14 min

Lab File: VX001194.D

Acq: 28 Apr 2018 02:16

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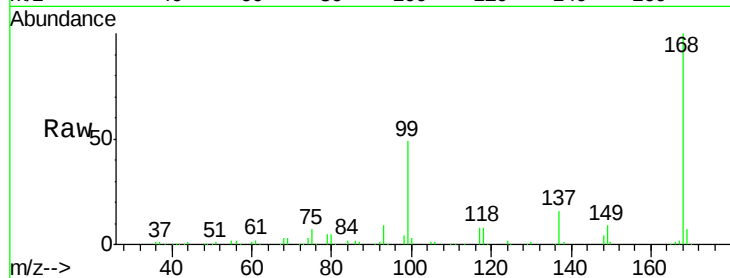
Tgt Ion: 75 Resp: 12106

Ion Ratio Lower Upper

75 100

110 10.4 19.0 57.0#

77 0.0 24.8 37.2#

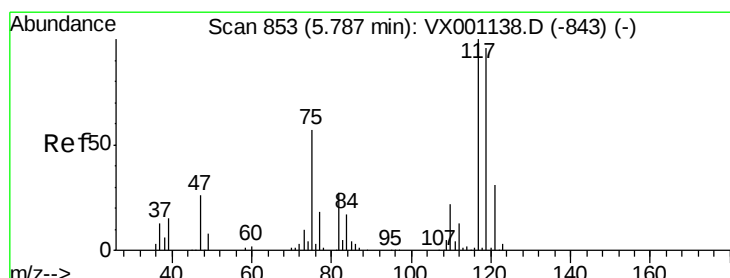
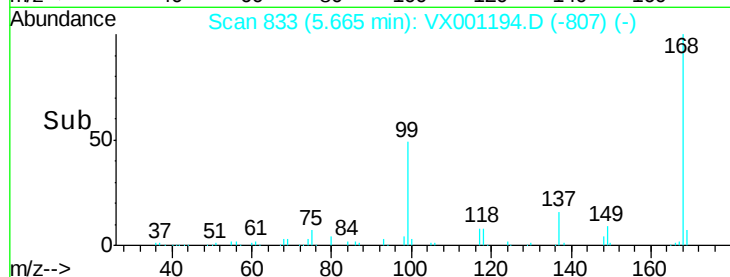


Abundance Ion 74.90 (74.60 to 75.60): VX001138.D (-845) (-)

Ion 109.90 (109.60 to 110.60): VX001138.D (-845) (-)

Ion 76.90 (76.60 to 77.60): VX001138.D (-845) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.409 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001194.D

Acq: 28 Apr 2018 02:16

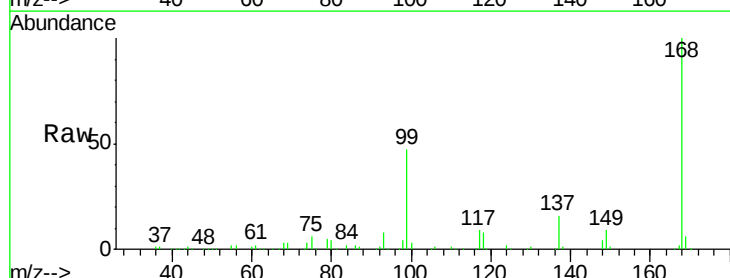
Tgt Ion: 117 Resp: 16282

Ion Ratio Lower Upper

117 100

119 4.6 76.5 114.7#

121 0.0 24.6 37.0#

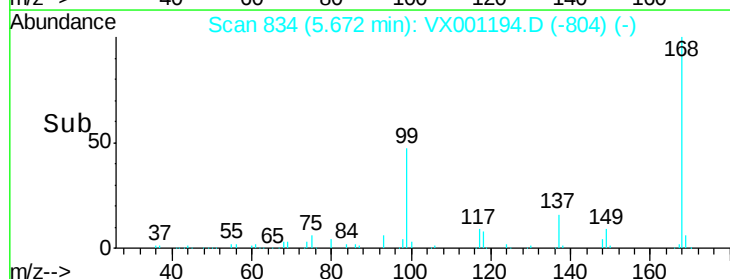


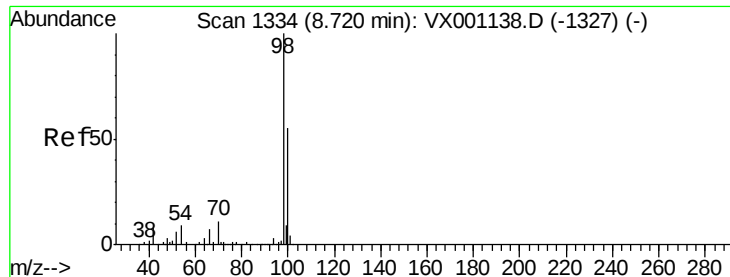
Abundance Ion 116.80 (116.50 to 117.50): VX001138.D (-843) (-)

Ion 118.80 (118.50 to 119.50): VX001138.D (-843) (-)

Ion 120.80 (120.50 to 121.50): VX001138.D (-843) (-)

Time-->

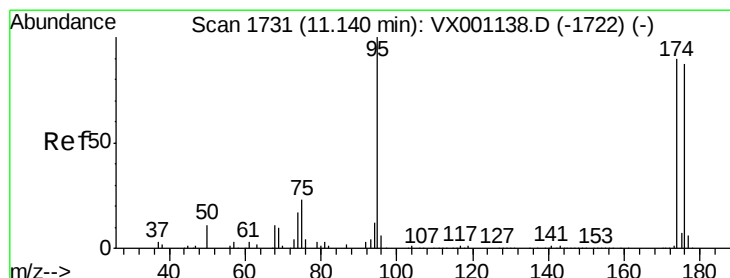
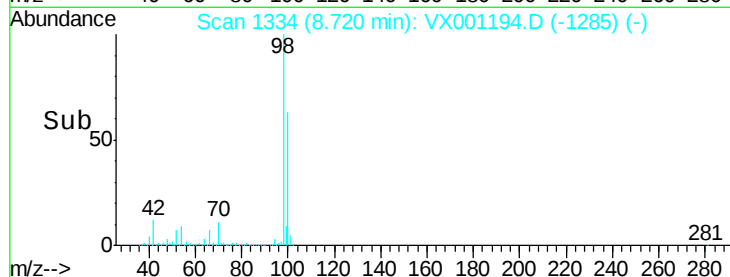
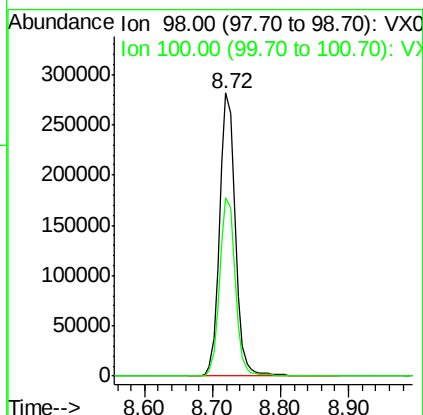
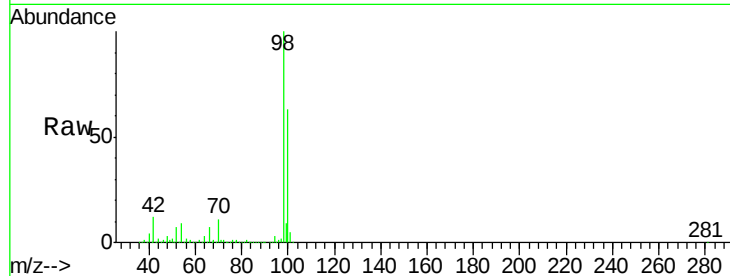




#50
Toluene-d8
Concen: 54.314 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001194.D
Acq: 28 Apr 2018 02:16

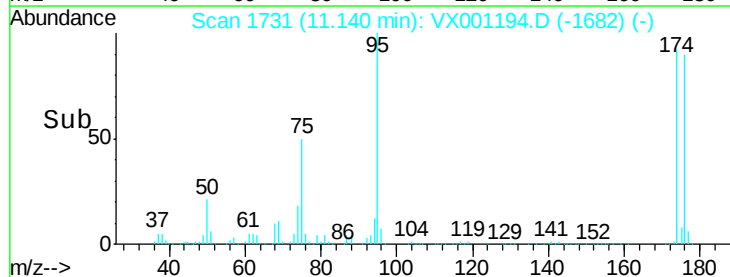
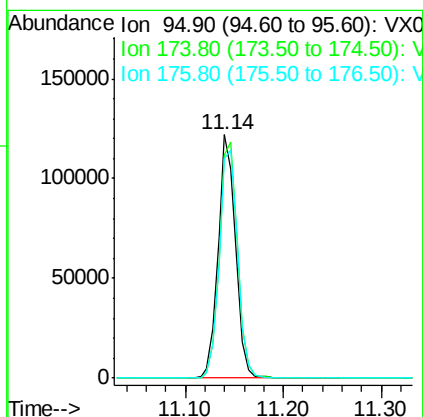
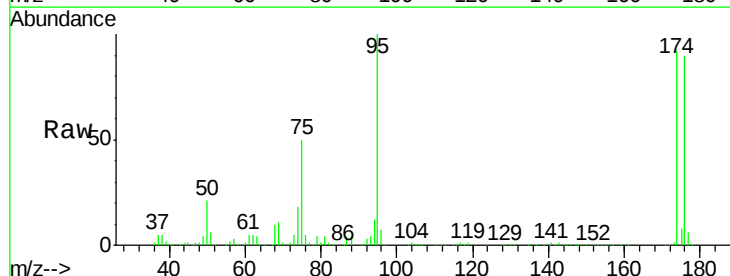
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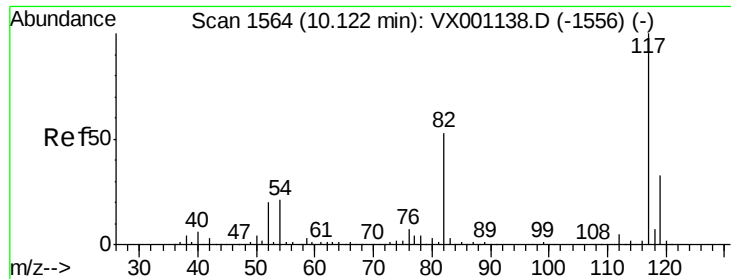
Tgt Ion: 98 Resp: 451956
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 46.031 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001194.D
Acq: 28 Apr 2018 02:16

Tgt Ion: 95 Resp: 149631
Ion Ratio Lower Upper
95 100
174 101.5 0.0 194.4
176 99.6 0.0 190.2

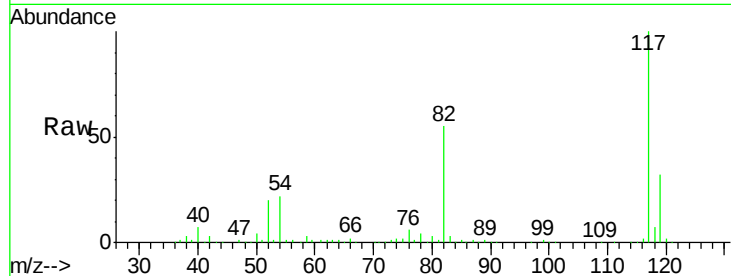




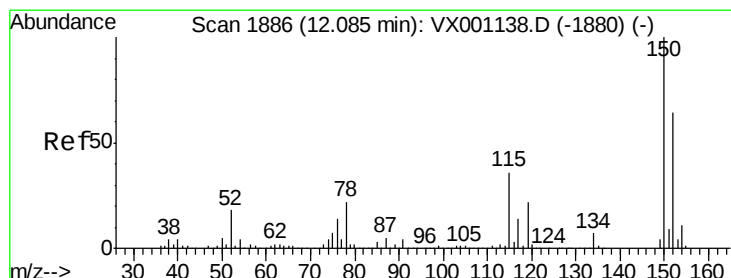
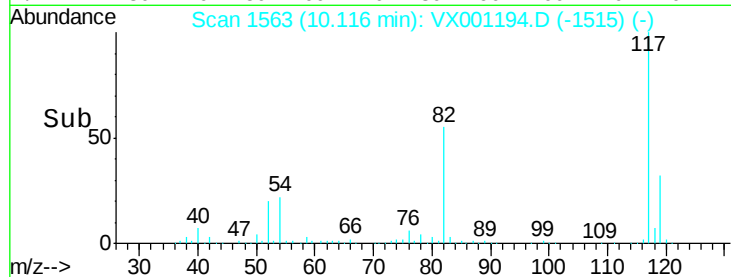
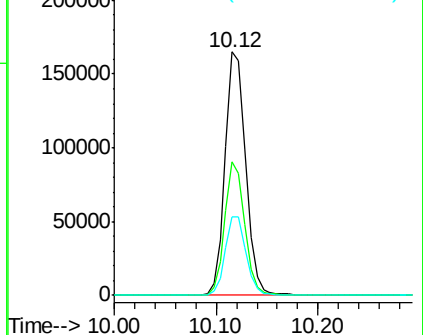
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001194.D
Acq: 28 Apr 2018 02:16

Instrument :
MSVOA_X
ClientSampleId :
LF017MW001-180417

Tgt Ion:117 Resp: 232596
Ion Ratio Lower Upper
117 100
82 54.6 42.1 63.1
119 32.0 26.1 39.1

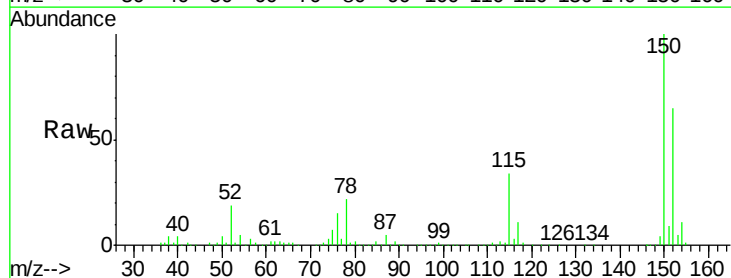


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

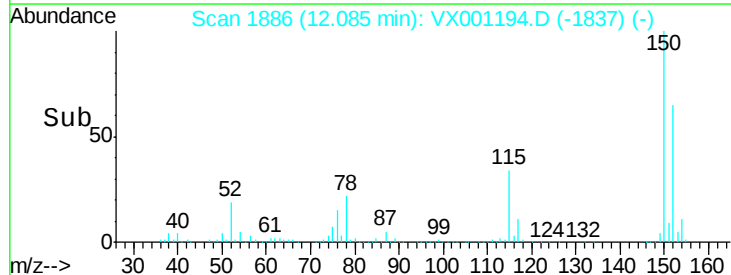
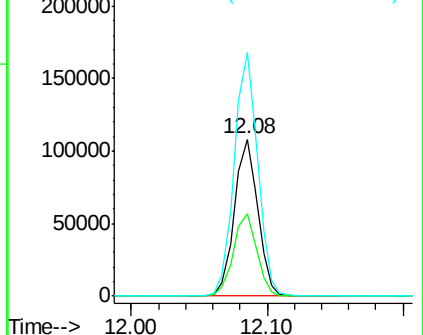


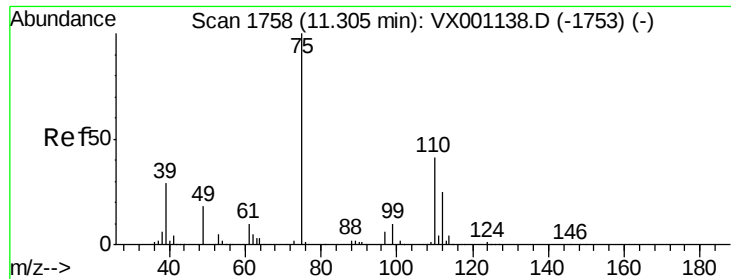
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX001194.D
Acq: 28 Apr 2018 02:16

Tgt Ion:152 Resp: 129375
Ion Ratio Lower Upper
152 100
115 52.7 38.0 114.0
150 155.5 0.0 349.6



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





#76

1,2,3-Trichloropropane

Concen: 29.242 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001194.D

Acq: 28 Apr 2018 02:16

Instrument :

MSVOA_X

ClientSampleId :

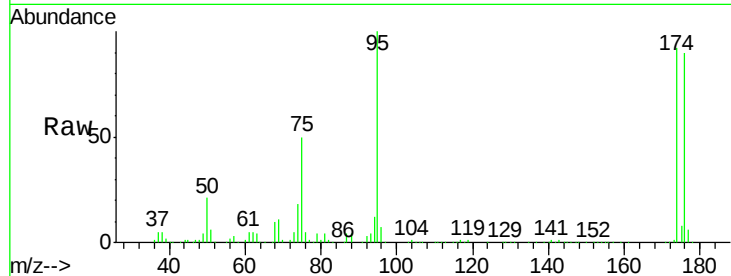
LF017MW001-180417

Tgt Ion: 75 Resp: 77036

Ion Ratio Lower Upper

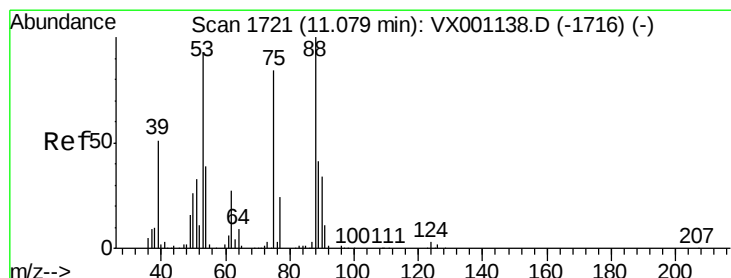
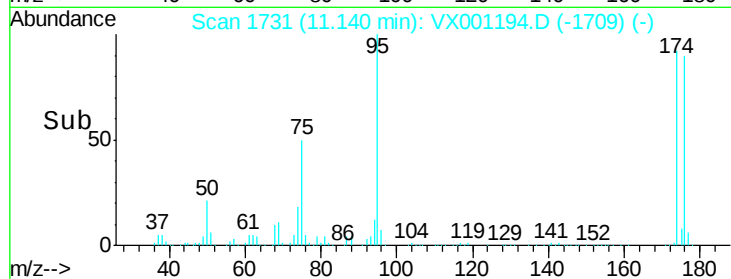
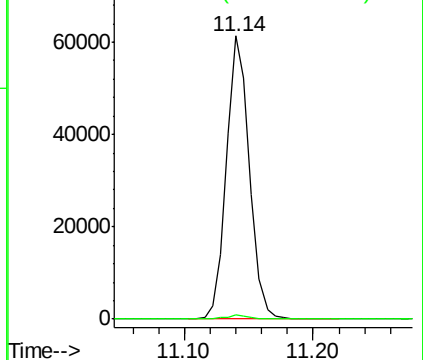
75 100

77 1.4 18.9 56.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 88.541 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001194.D

Acq: 28 Apr 2018 02:16

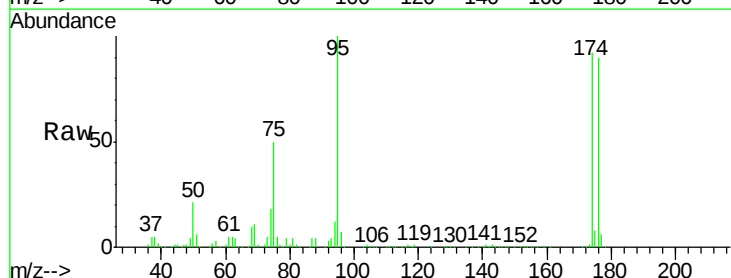
Tgt Ion: 75 Resp: 77036

Ion Ratio Lower Upper

75 100

53 0.0 87.9 131.9#

89 0.0 37.7 56.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

