

Data File : VX001099.D

Acq On : 25 Apr 2018 01:43

Operator : JC/MD

Sample : J2463-09

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 27 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

LF017MW003-180417

Quant Time: Apr 25 07:26:40 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	230921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324101	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	168186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170491	58.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.48%	
35) Dibromofluoromethane	5.51	113	130008	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	8.72	98	493400	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
62) 4-Bromofluorobenzene	11.14	95	173607	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	

Target Compounds

						Qvalue
5) Bromomethane	1.65	94	180	Below Cal	#	78
10) Methyl Iodide	2.53	142	69	7.62	ug/l #	41
13) Acrolein	2.28	56	65	11.39	ug/l #	1
16) Acetone	2.45	43	1216	1.10	ug/l	89
20) Methylene Chloride	2.87	84	410	Below Cal	#	85
21) trans-1,2-Dichloroethene	3.17	96	12967	5.18	ug/l	98
25) 2-Butanone	4.73	43	707	0.41	ug/l #	50
27) cis-1,2-Dichloroethene	4.61	96	71977	25.80	ug/l	88
31) Cyclohexane	5.67	56	4185	1.01	ug/l #	7
36) 1,1-Dichloropropene	5.67	75	14862	3.90	ug/l #	49
38) Carbon Tetrachloride	5.67	117	20333	5.27	ug/l #	16
44) Trichloroethene	7.22	130	37127	11.48	ug/l	100
60) Dibromochloromethane	9.34	129	42973	14.90	ug/l #	11
64) Tetrachloroethene	9.34	164	49902	16.13	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	88565	30.35	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	88565	90.34	ug/l #	8

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

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Instrument :

MSVOA_X

ClientSampleId :

LF017MW003-180417

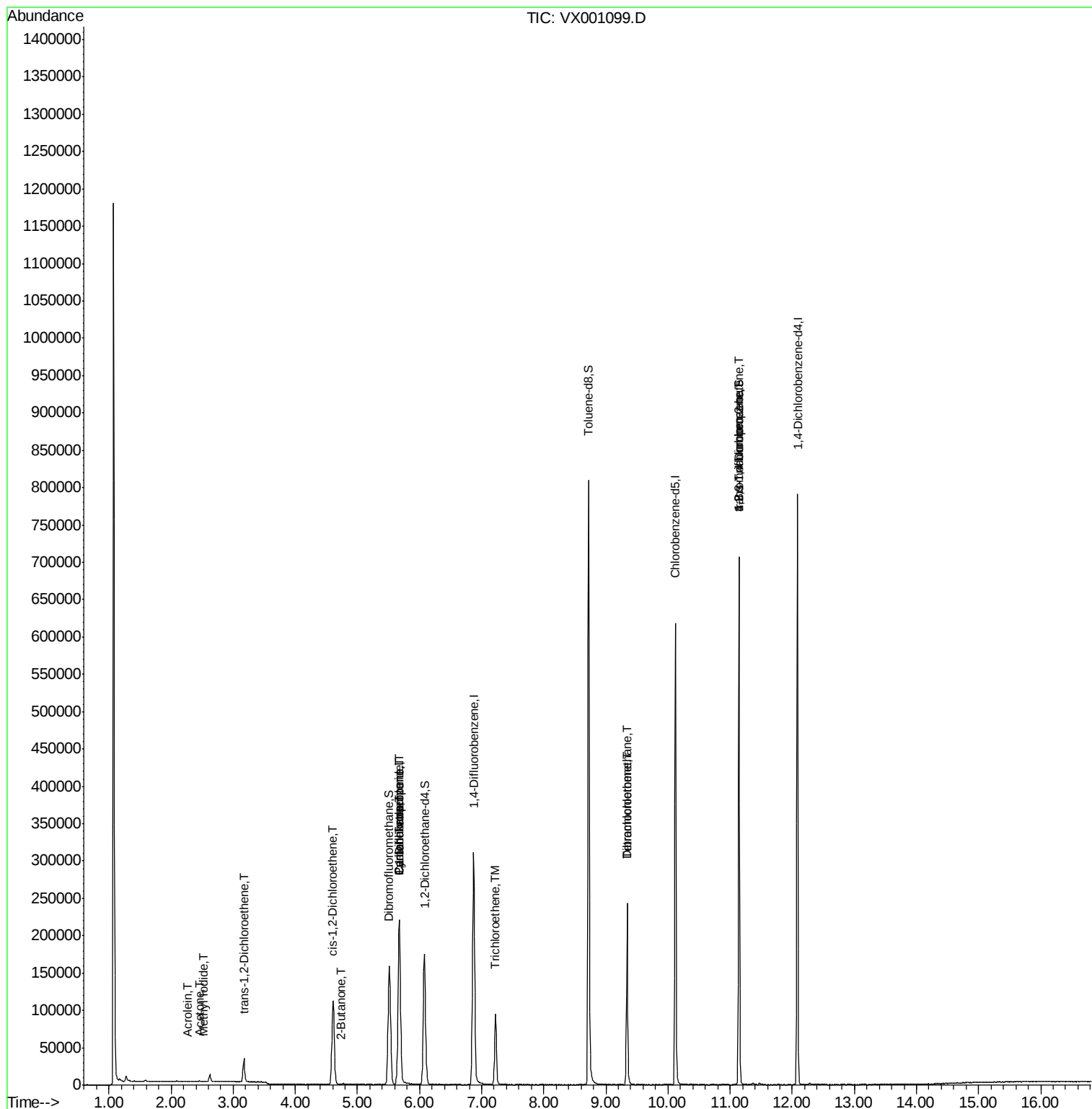
Quant Time: Apr 25 07:26:40 2018

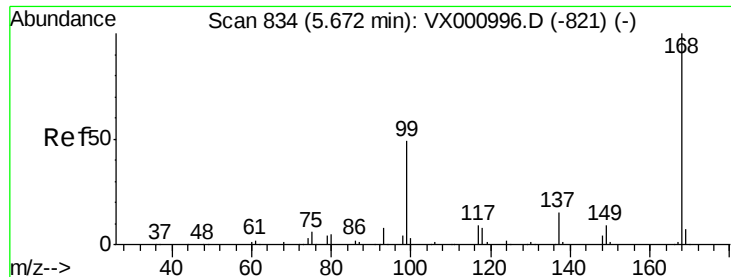
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

Instrument :

MSVOA_X

ClientSampleId :

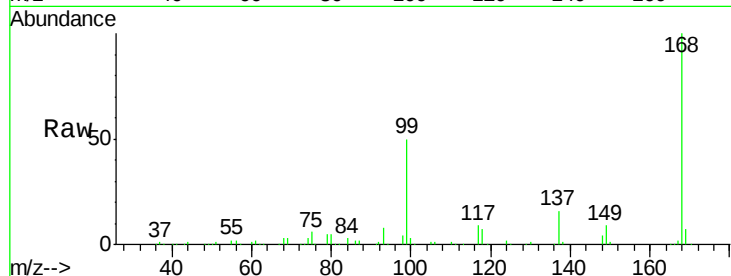
LF017MW003-180417

Tgt Ion:168 Resp: 230921

Ion Ratio Lower Upper

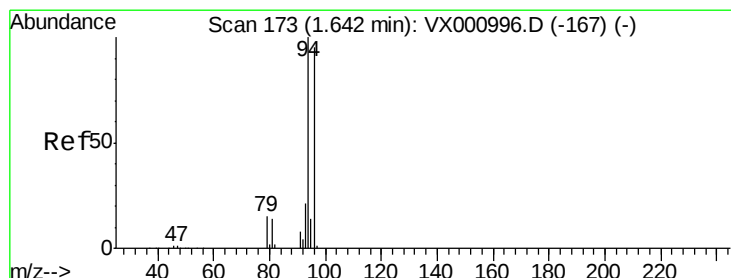
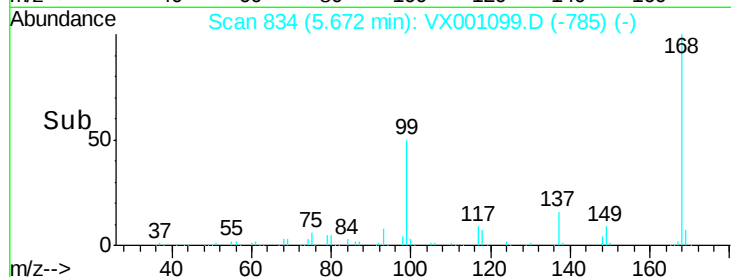
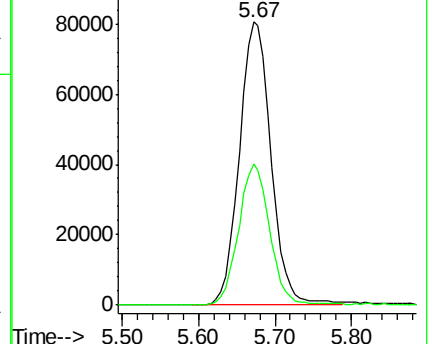
168 100

99 49.8 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.01 min

Lab File: VX001099.D

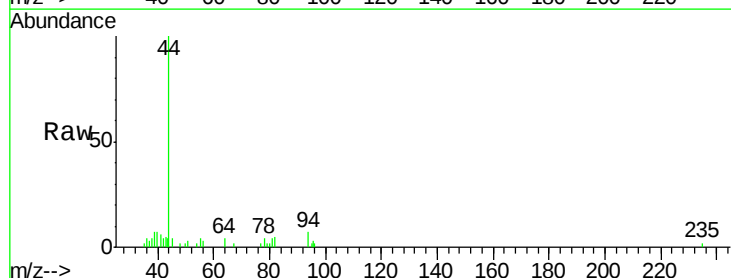
Acq: 25 Apr 2018 01:43

Tgt Ion: 94 Resp: 180

Ion Ratio Lower Upper

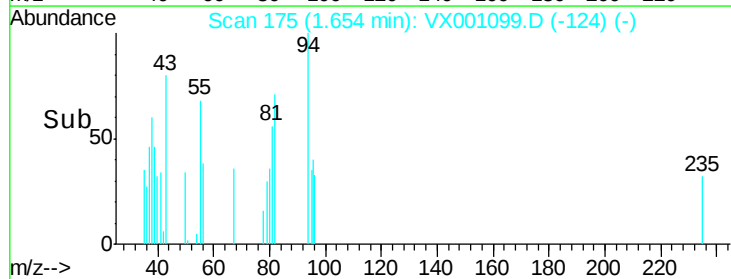
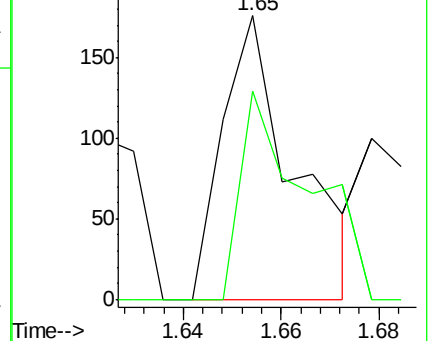
94 100

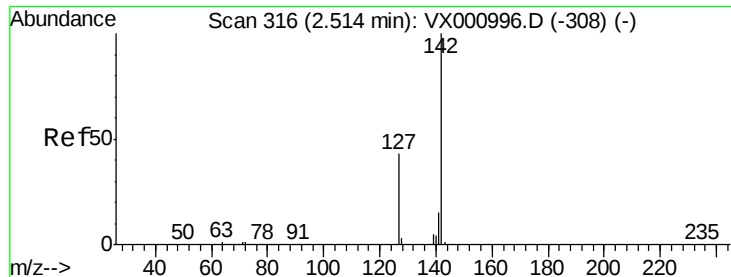
96 73.3 76.0 114.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

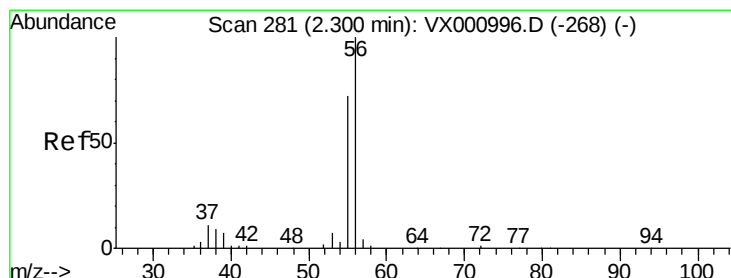
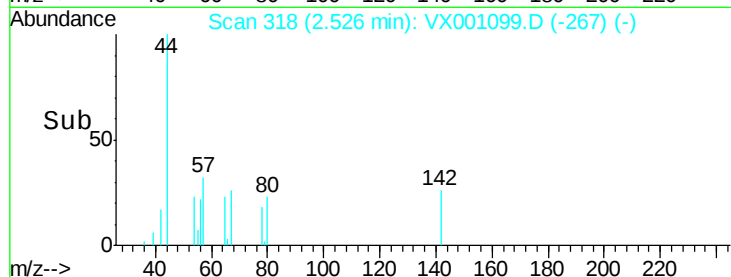
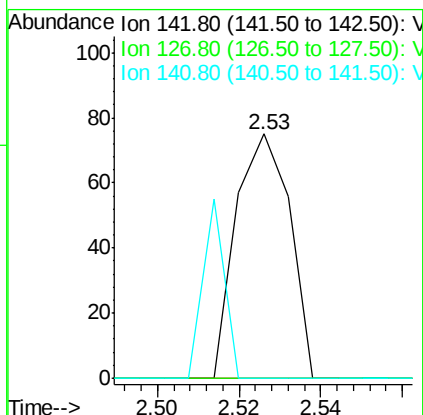
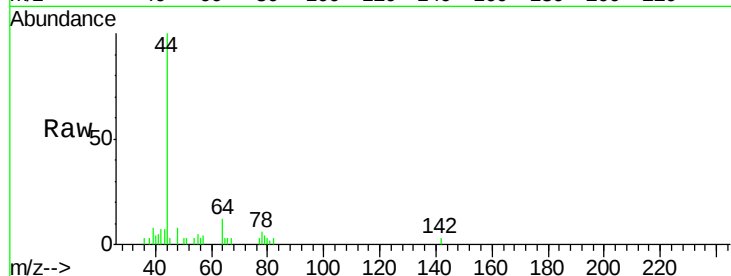




#10
Methyl Iodide
Concen: 7.62 ug/l
RT: 2.53 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX001099.D
Acq: 25 Apr 2018 01:43

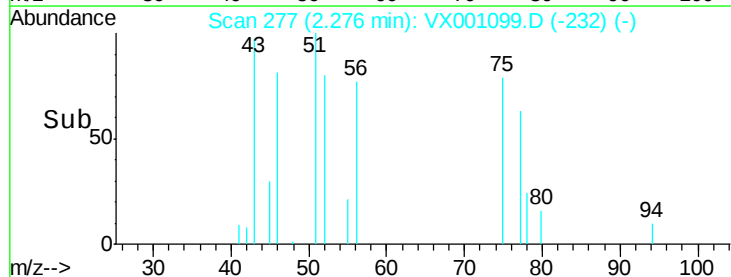
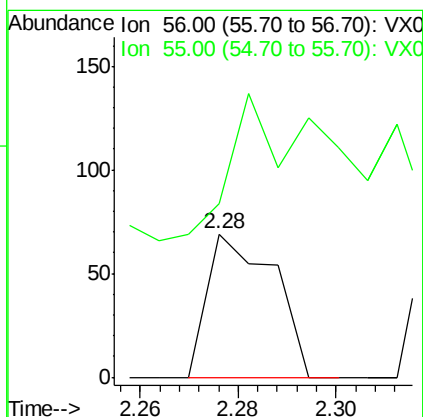
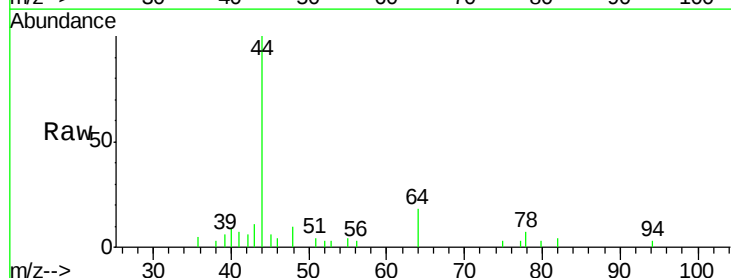
Instrument :
MSVOA_X
ClientSampleId :
LF017MW003-180417

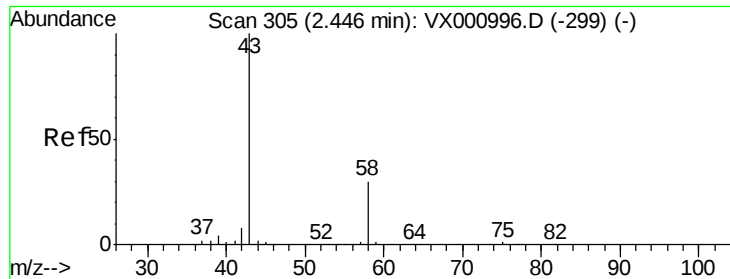
Tgt Ion: 142 Resp: 69
Ion Ratio Lower Upper
142 100
127 0.0 34.0 51.0#
141 29.0 11.4 17.2#



#13
Acrolein
Concen: 11.39 ug/l
RT: 2.28 min Scan# 277
Delta R.T. -0.02 min
Lab File: VX001099.D
Acq: 25 Apr 2018 01:43

Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 232.3 57.4 86.2#





#16

Acetone

Concen: 1.10 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

Instrument :

MSVOA_X

ClientSampleId :

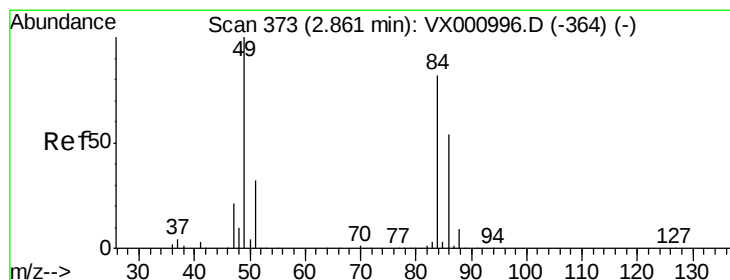
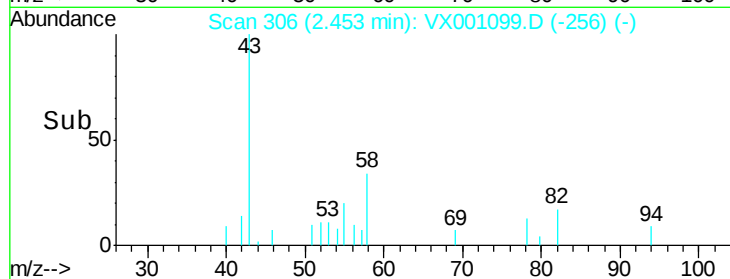
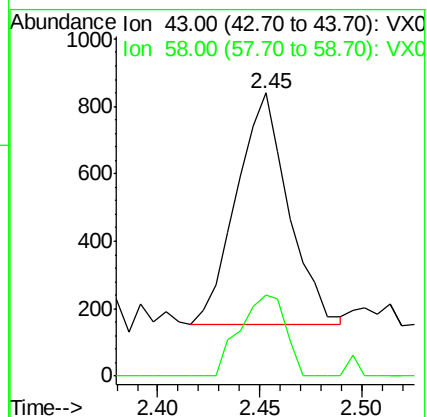
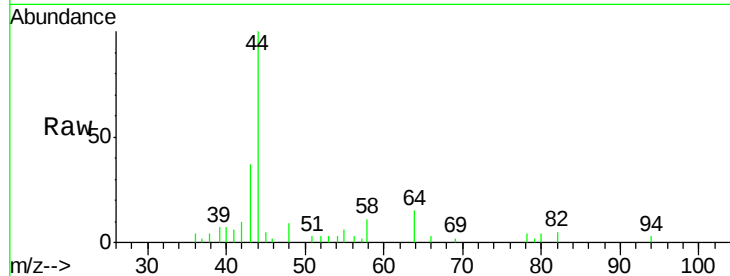
LF017MW003-180417

Tgt Ion: 43 Resp: 1216

Ion Ratio Lower Upper

43 100

58 35.3 23.7 35.5



#20

Methylene Chloride

Concen: Below Cal

RT: 2.87 min Scan# 375

Delta R.T. 0.01 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

Tgt Ion: 84 Resp: 410

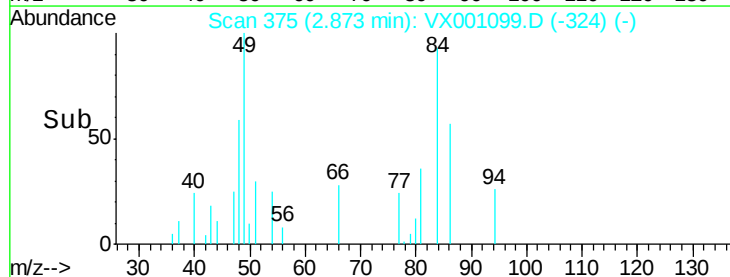
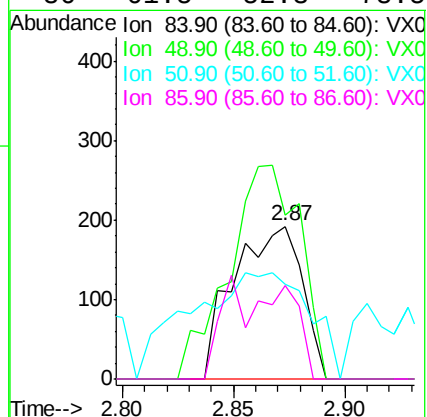
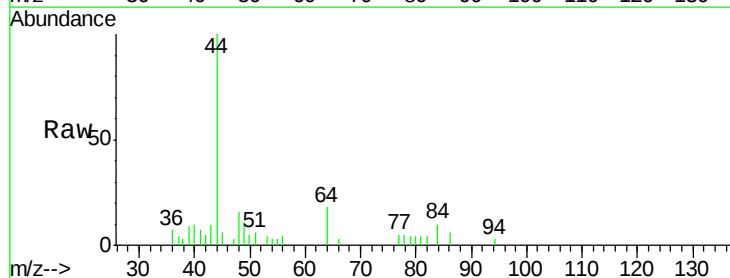
Ion Ratio Lower Upper

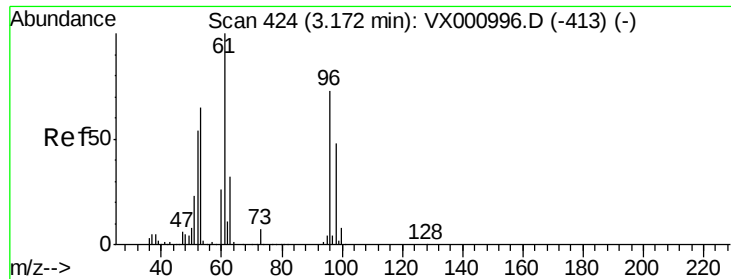
84 100

49 107.8 97.1 145.7

51 62.0 30.8 46.2#

86 61.5 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 5.18 ug/l

RT: 3.17 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

Instrument :

MSVOA_X

ClientSampleId :

LF017MW003-180417

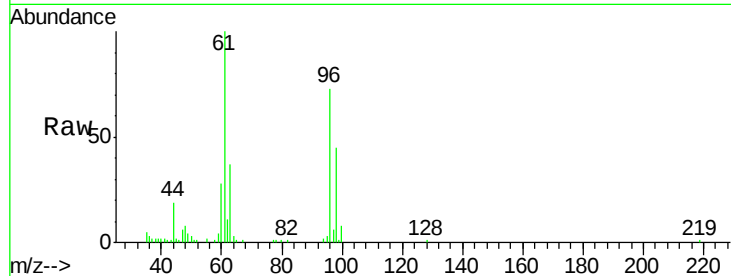
Tgt Ion: 96 Resp: 12967

Ion Ratio Lower Upper

96 100

61 136.9 109.4 164.2

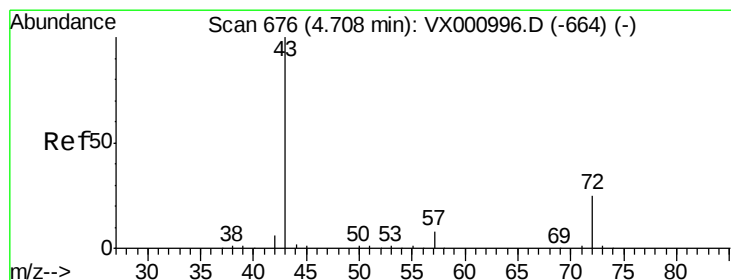
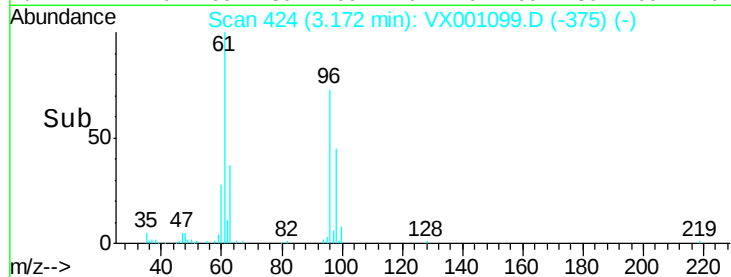
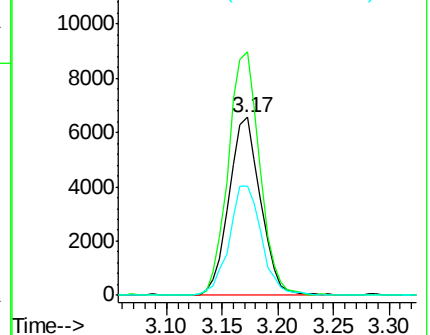
98 61.2 52.6 78.8



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



#25

2-Butanone

Concen: 0.41 ug/l

RT: 4.73 min Scan# 680

Delta R.T. 0.02 min

Lab File: VX001099.D

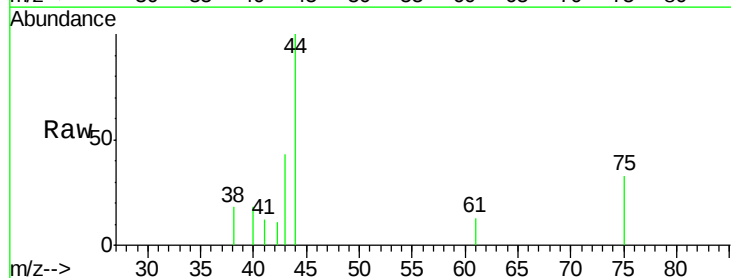
Acq: 25 Apr 2018 01:43

Tgt Ion: 43 Resp: 707

Ion Ratio Lower Upper

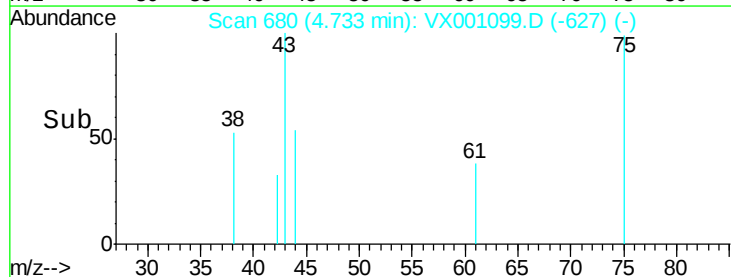
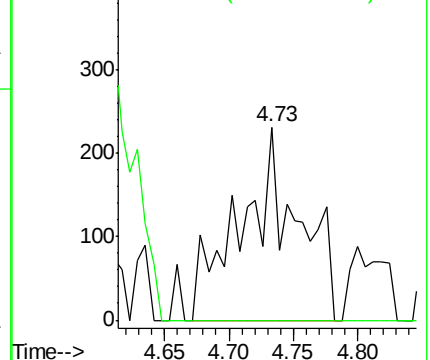
43 100

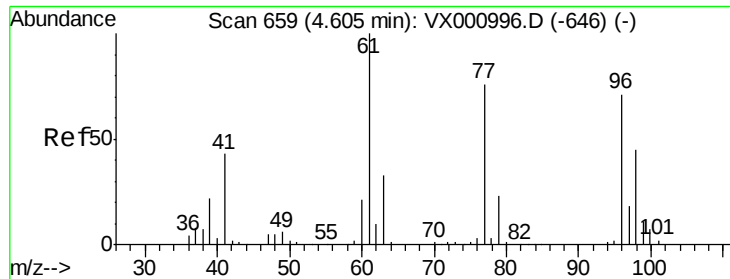
72 0.0 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#27

cis-1,2-Dichloroethene

Concen: 25.80 ug/l

RT: 4.61 min Scan# 660

Delta R.T. 0.01 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

Instrument :

MSVOA_X

ClientSampleId :

LF017MW003-180417

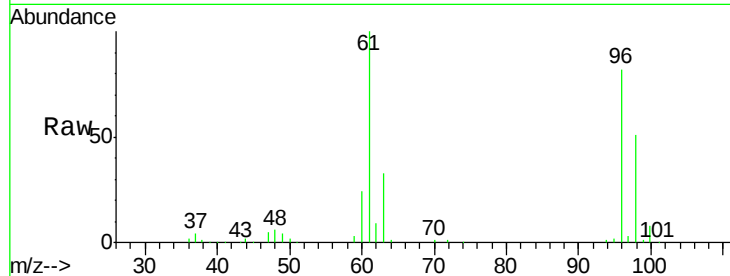
Tgt Ion: 96 Resp: 71977

Ion Ratio Lower Upper

96 100

61 127.0 0.0 297.0

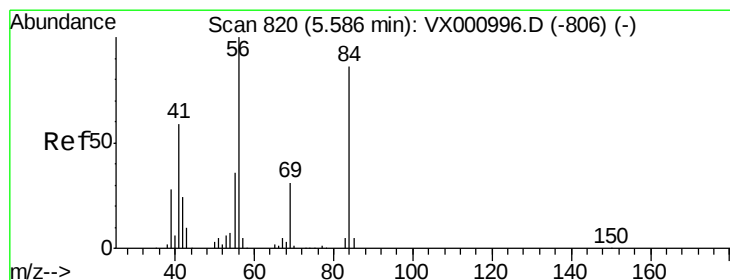
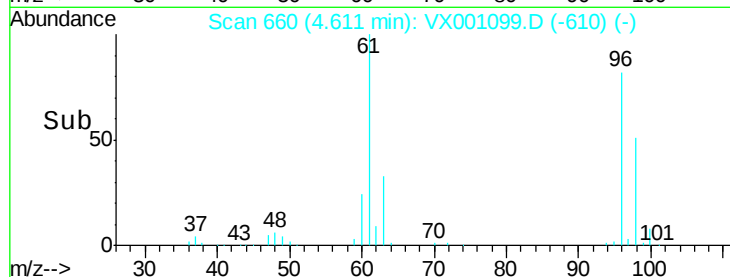
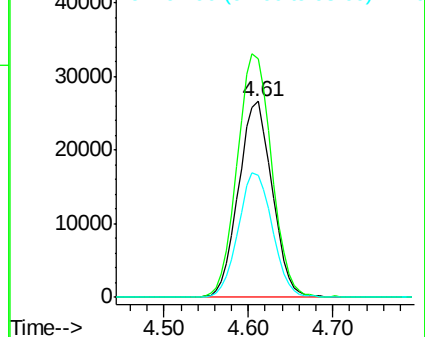
98 64.4 0.0 130.0



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



#31

Cyclohexane

Concen: 1.01 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

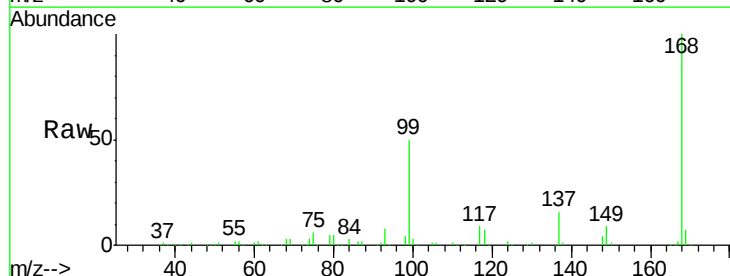
Tgt Ion: 56 Resp: 4185

Ion Ratio Lower Upper

56 100

69 148.7 24.6 36.8#

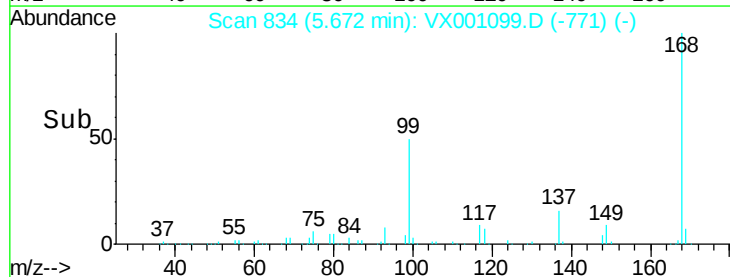
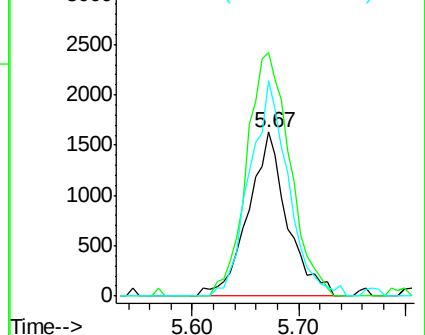
84 131.3 69.0 103.6#

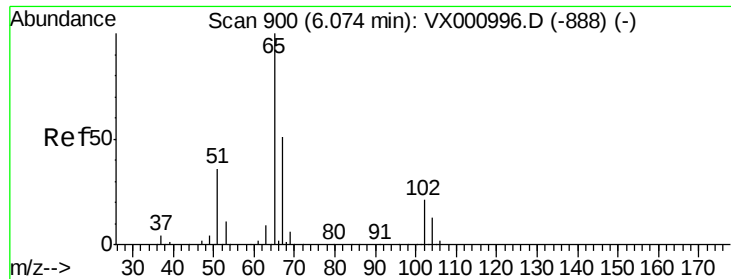


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

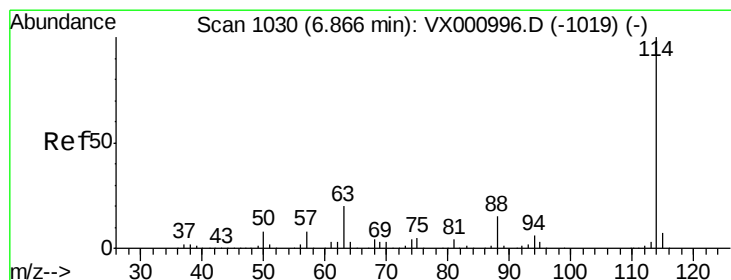
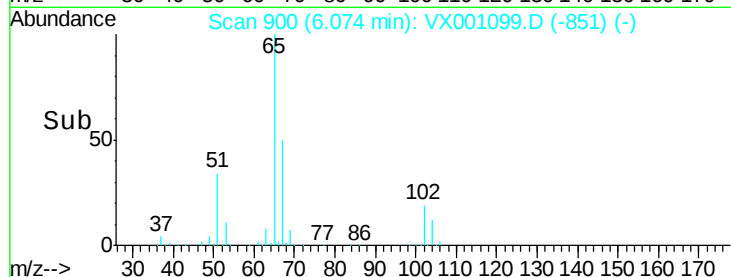
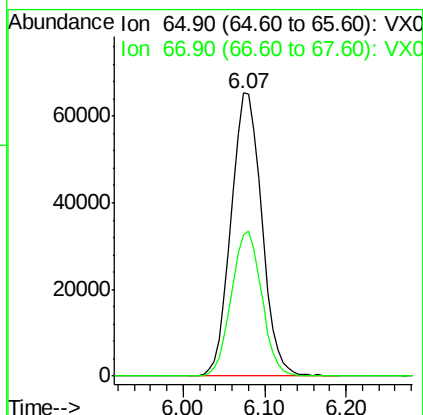
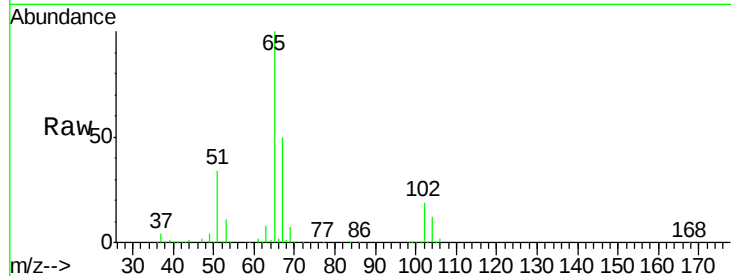




#33
 1,2-Dichloroethane-d4
 Concen: 58.24 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001099.D
 Acq: 25 Apr 2018 01:43

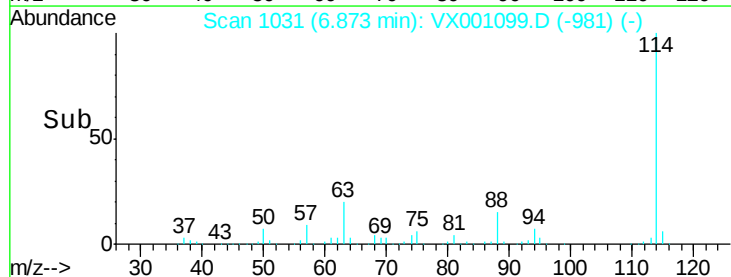
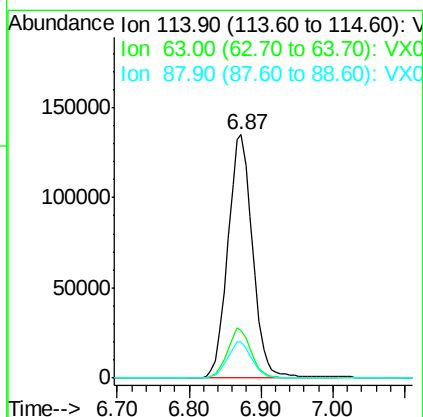
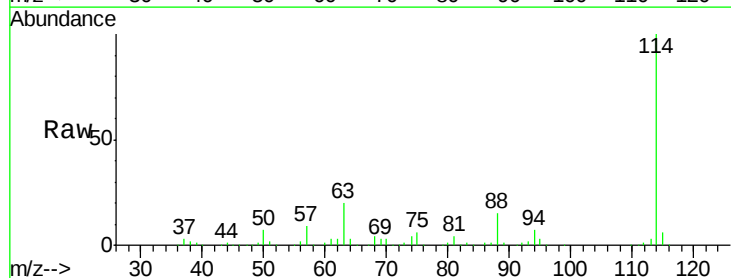
Instrument :
 MSVOA_X
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 LF017MW003-180417

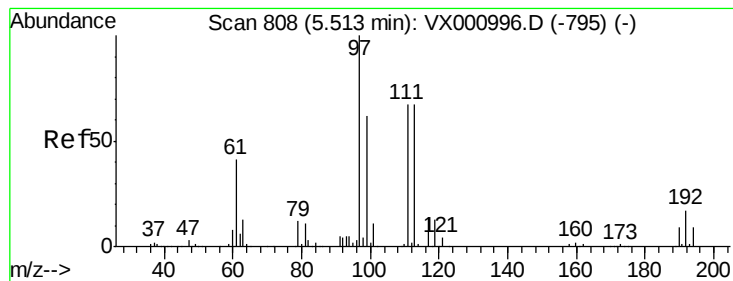
Tgt Ion: 65 Resp: 170491
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX001099.D
 Acq: 25 Apr 2018 01:43

Tgt Ion: 114 Resp: 324101
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.4
 88 14.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 52.61 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

Instrument :

MSVOA_X

ClientSampleId :

LF017MW003-180417

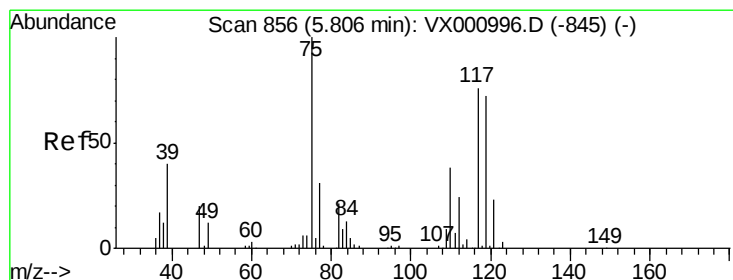
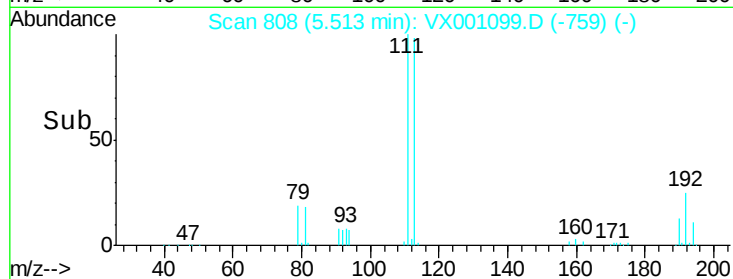
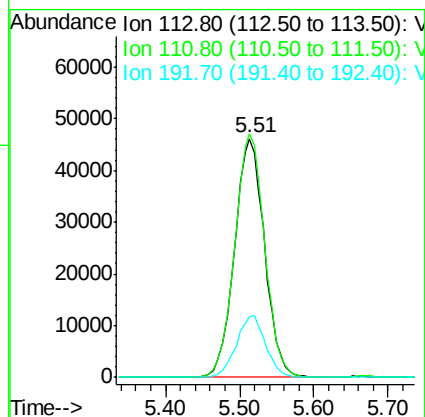
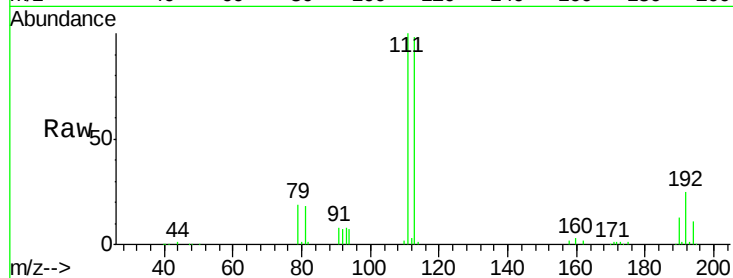
Tgt Ion:113 Resp: 130008

Ion Ratio Lower Upper

113 100

111 101.8 81.4 122.2

192 25.3 20.4 30.6



#36

1,1-Dichloropropene

Concen: 3.90 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

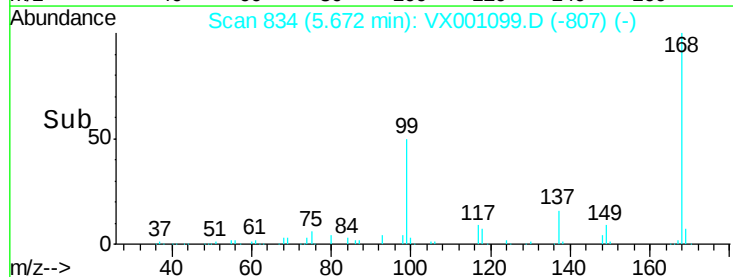
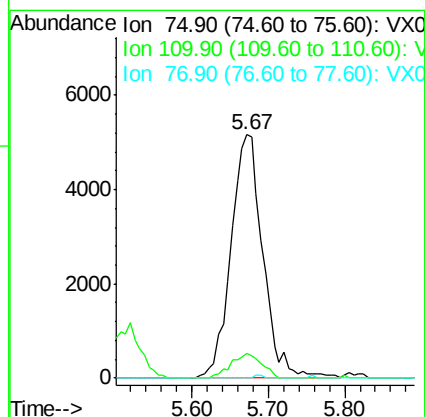
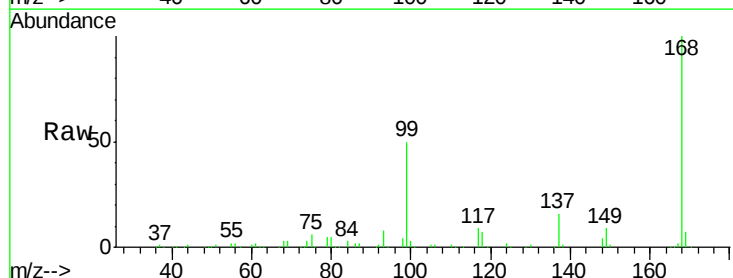
Tgt Ion: 75 Resp: 14862

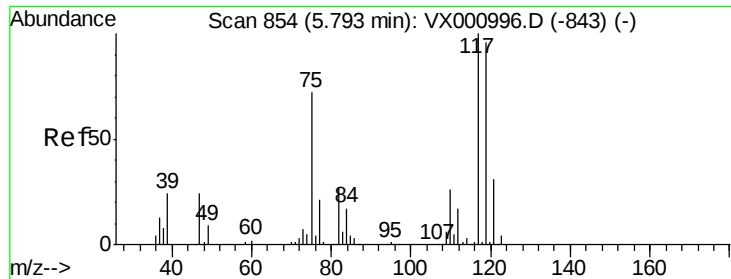
Ion Ratio Lower Upper

75 100

110 9.7 18.7 56.1#

77 0.3 25.0 37.4#

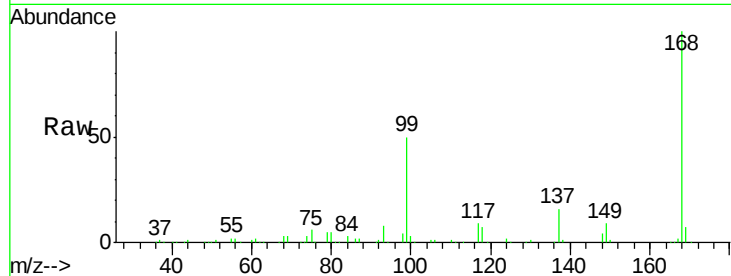




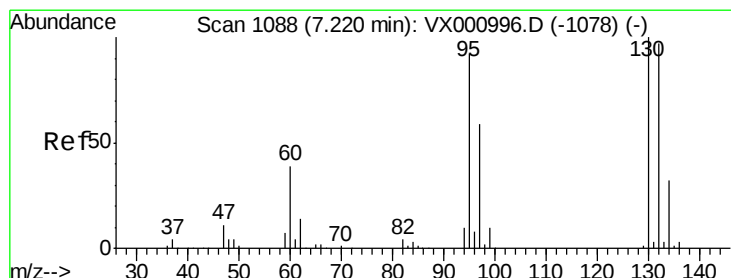
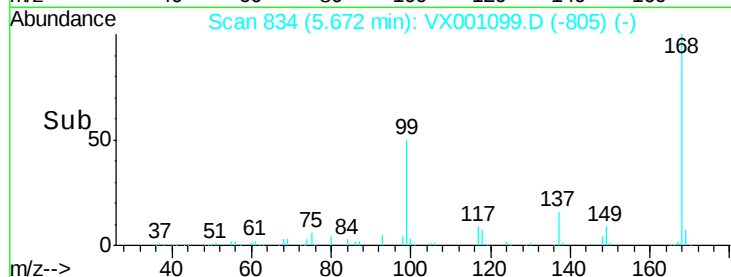
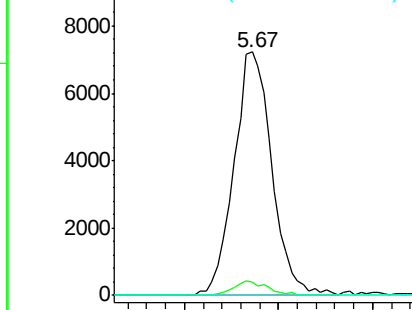
#38
Carbon Tetrachloride
Concen: 5.27 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001099.D
Acq: 25 Apr 2018 01:43

Instrument :
MSVOA_X
ClientSampleId :
LF017MW003-180417

Tgt Ion:117 Resp: 20333
Ion Ratio Lower Upper
117 100
119 5.4 76.5 114.7#
121 0.0 24.5 36.7#

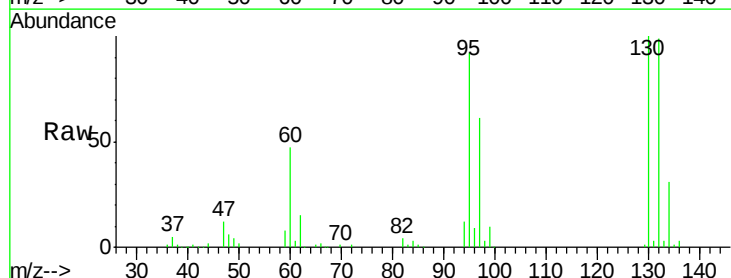


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

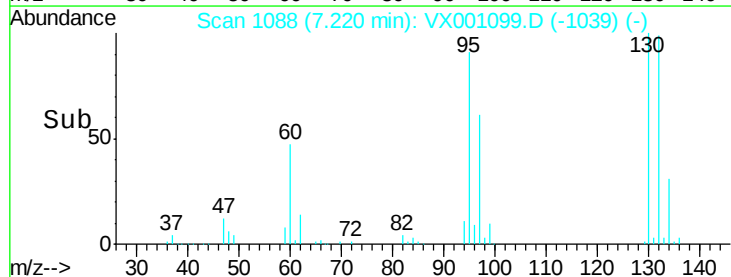
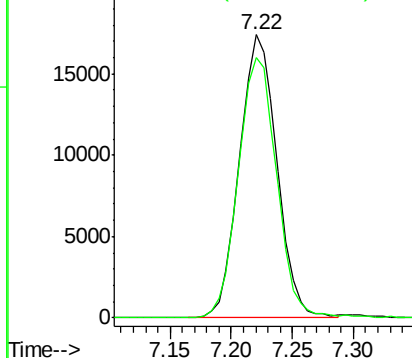


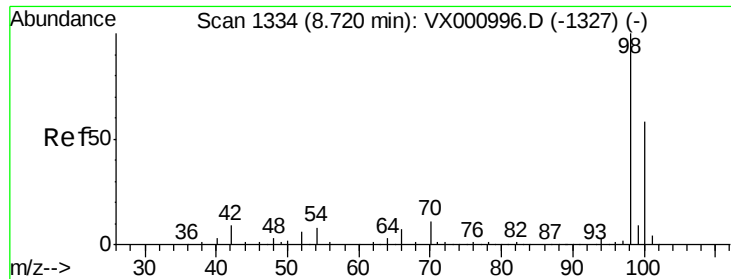
#44
Trichloroethene
Concen: 11.48 ug/l
RT: 7.22 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX001099.D
Acq: 25 Apr 2018 01:43

Tgt Ion:130 Resp: 37127
Ion Ratio Lower Upper
130 100
95 92.0 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 53.99 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

Instrument :

MSVOA_X

ClientSampleId :

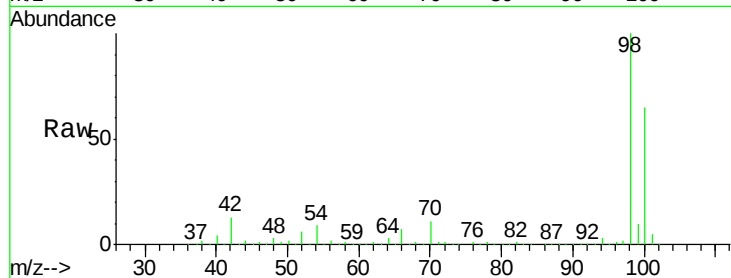
LF017MW003-180417

Tgt Ion: 98 Resp: 493400

Ion Ratio Lower Upper

98 100

100 63.9 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) (-)

8.72

300000

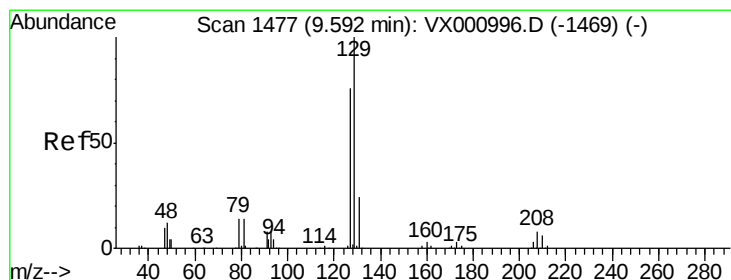
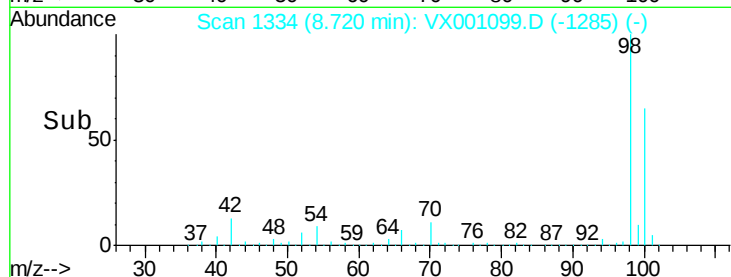
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#60

Dibromochloromethane

Concen: 14.90 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. -0.25 min

Lab File: VX001099.D

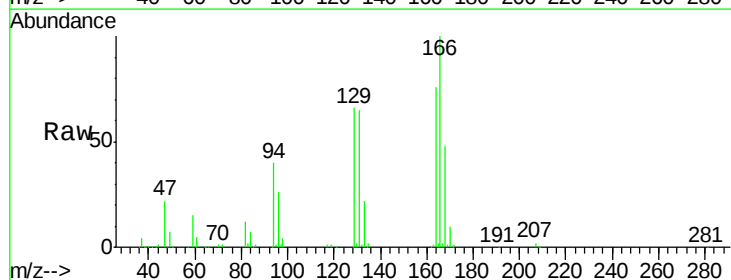
Acq: 25 Apr 2018 01:43

Tgt Ion: 129 Resp: 42973

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#



Abundance Ion 128.80 (128.50 to 129.50): VX000996.D (-1469) (-)

Ion 126.80 (126.50 to 127.50): VX000996.D (-1469) (-)

9.34

30000

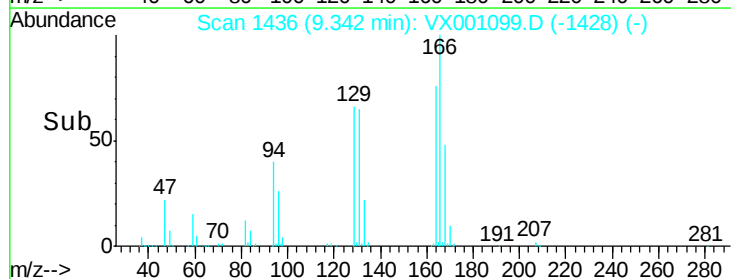
20000

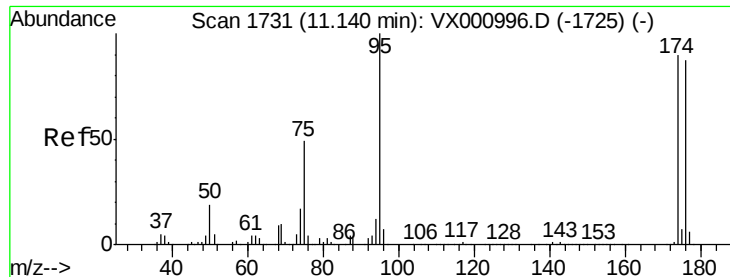
10000

0

9.30 9.35 9.40 9.45

Time-->





#62

4-Bromofluorobenzene

Concen: 45.27 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

Instrument :

MSVOA_X

ClientSampleId :

LF017MW003-180417

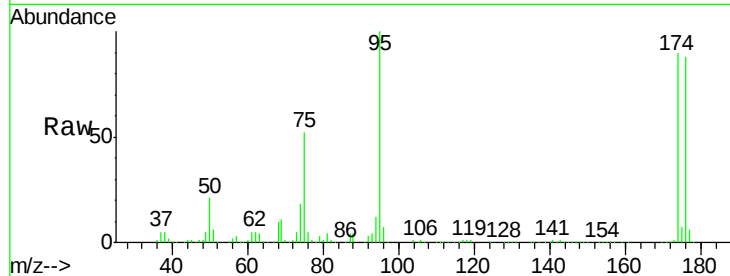
Tgt Ion: 95 Resp: 173607

Ion Ratio Lower Upper

95 100

174 98.1 0.0 198.4

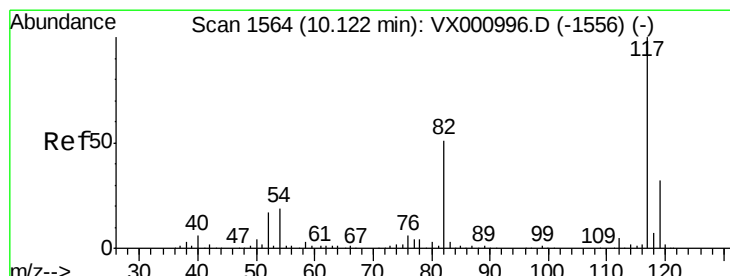
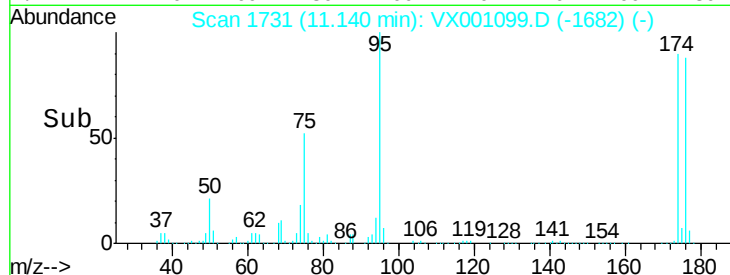
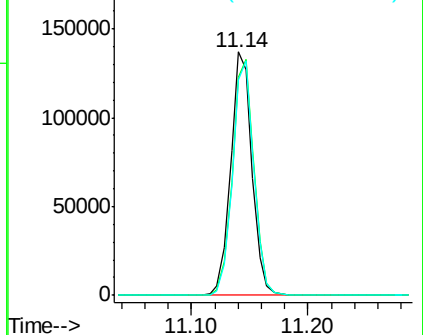
176 96.2 0.0 192.0



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: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

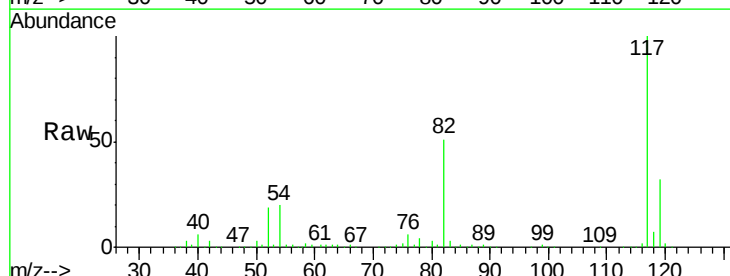
Tgt Ion: 117 Resp: 291356

Ion Ratio Lower Upper

117 100

82 51.3 40.6 60.8

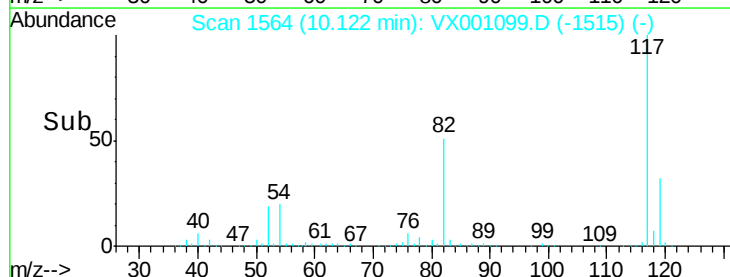
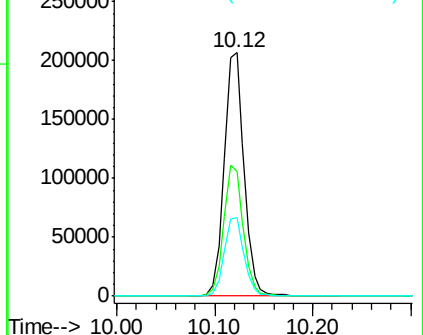
119 32.1 26.0 39.0

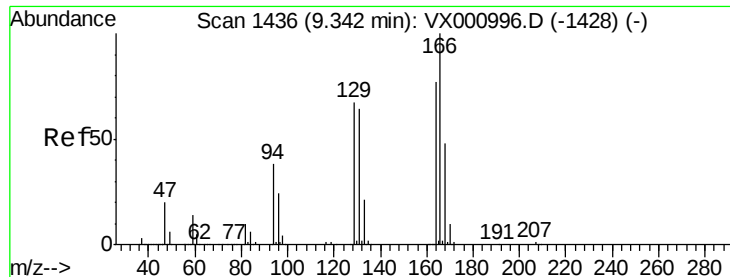


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 16.13 ug/l

RT: 9.34 min Scan# 1436

Delta R.T. 0.00 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

Instrument :

MSVOA_X

ClientSampleId :

LF017MW003-180417

Tgt Ion:164 Resp: 49902

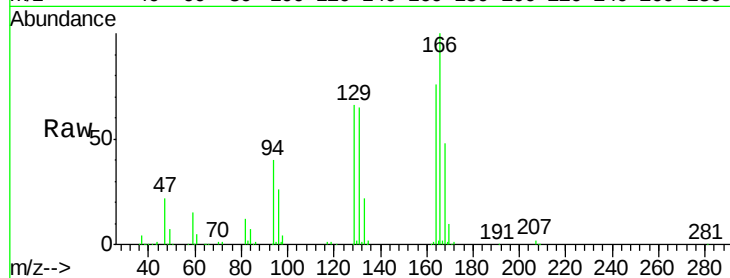
Ion Ratio Lower Upper

164 100

166 130.7 103.5 155.3

129 85.7 69.6 104.4

131 85.1 65.8 98.8

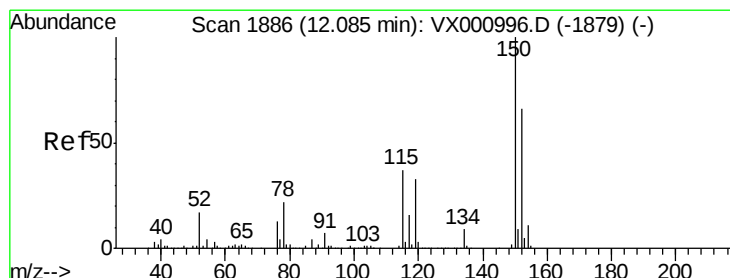
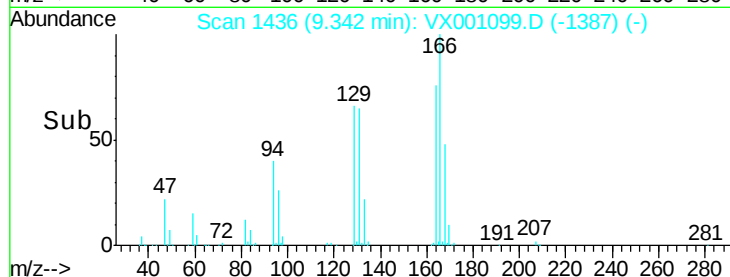
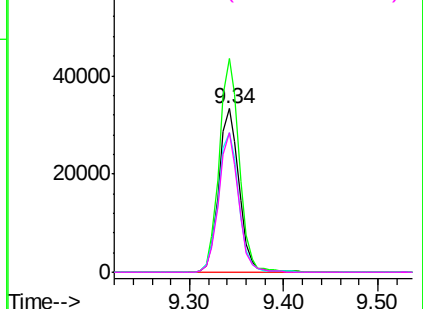


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001099.D

Acq: 25 Apr 2018 01:43

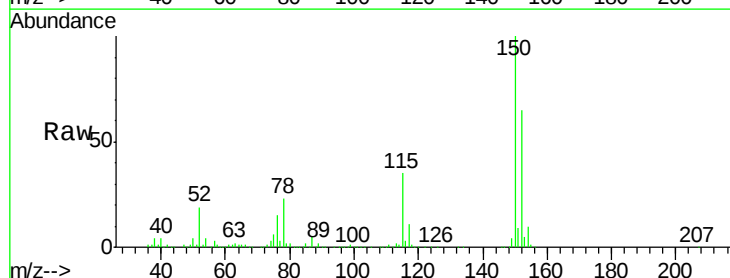
Tgt Ion:152 Resp: 168186

Ion Ratio Lower Upper

152 100

115 54.2 38.2 114.6

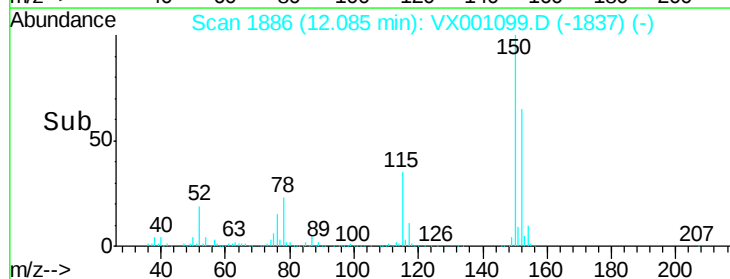
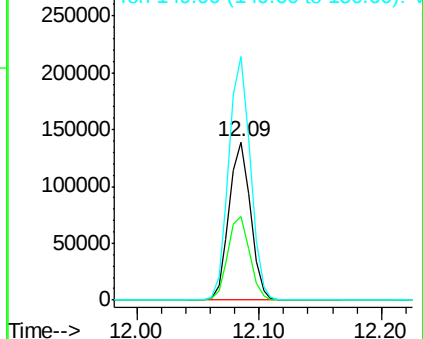
150 155.1 0.0 350.4

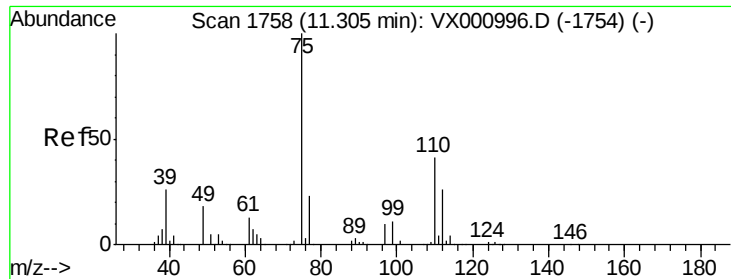


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

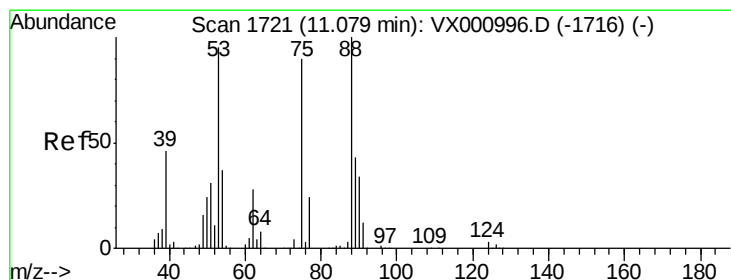
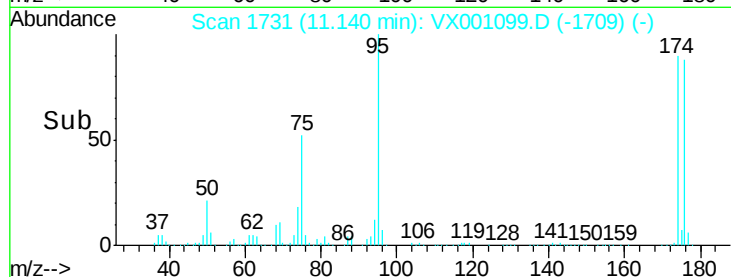
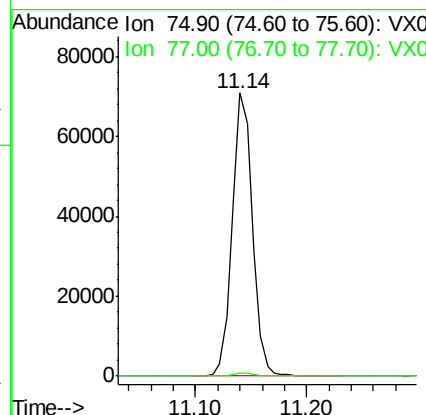
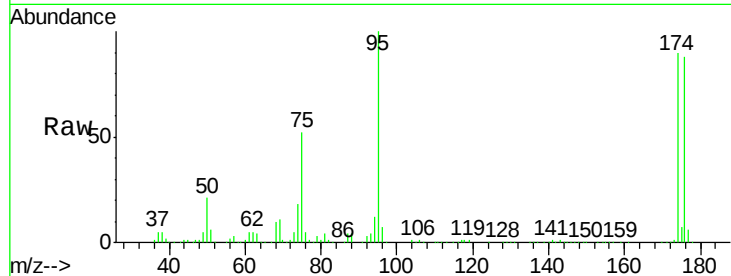




#76
 1,2,3-Trichloropropane
 Concen: 30.35 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. -0.16 min
 Lab File: VX001099.D
 Acq: 25 Apr 2018 01:43

Instrument :
 MSVOA_X
 ClientSampleId :
 LF017MW003-180417

Tgt Ion: 75 Resp: 88565
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.6 58.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.34 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001099.D
 Acq: 25 Apr 2018 01:43

Tgt Ion: 75 Resp: 88565
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.4 125.2#
 89 0.1 39.7 59.5#

