

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110118\
 Data File : VX005724.D
 Acq On : 01 Nov 2018 12:57
 Operator : JC/MD
 Sample : J5199-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OK-01-103018

Quant Time: Nov 01 15:04:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

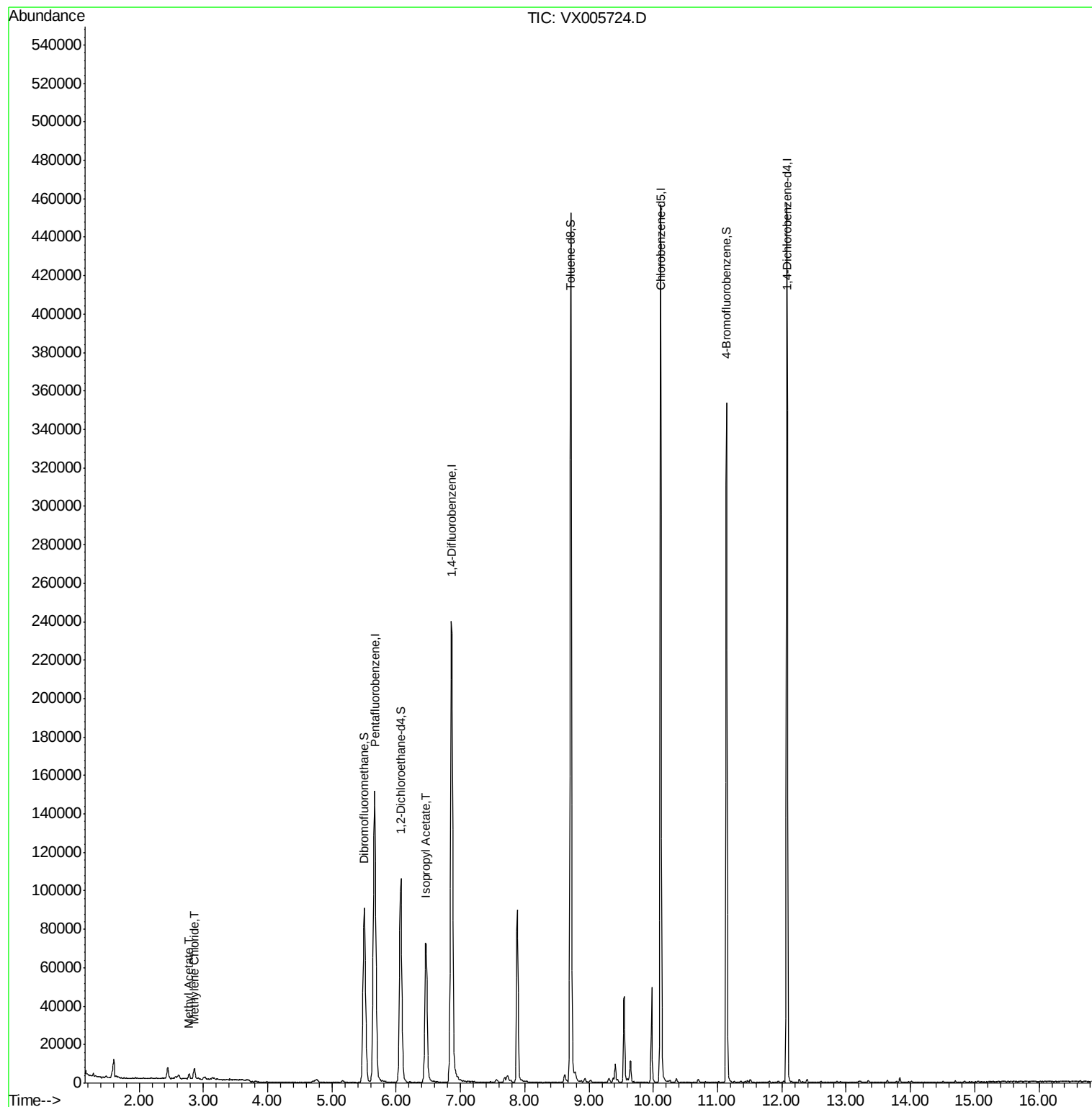
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	142322	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.87	114	244320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	197670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	86459	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	103578	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
35) Dibromofluoromethane	5.51	113	78268	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
50) Toluene-d8	8.71	98	276478	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
62) 4-Bromofluorobenzene	11.14	95	90226	41.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.40%	
Target Compounds						
18) Methyl Acetate	2.78	43	3126	1.047	ug/l	96
20) Methylene Chloride	2.85	84	2256	1.257	ug/l	94
43) Isopropyl Acetate	6.46	43	100333	20.816	ug/l	98

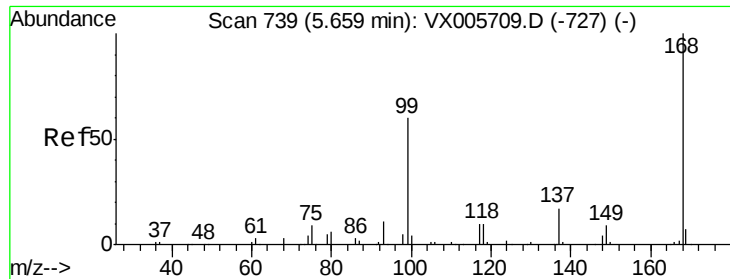
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 741

Delta R.T. 0.01 min

Lab File: VX005724.D

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Instrument :

MSVOA_X

ClientSampleId :

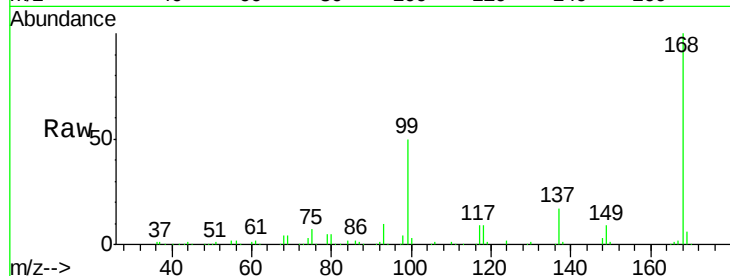
OK-01-103018

Tgt Ion:168 Resp: 142322

Ion Ratio Lower Upper

168 100

99 50.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

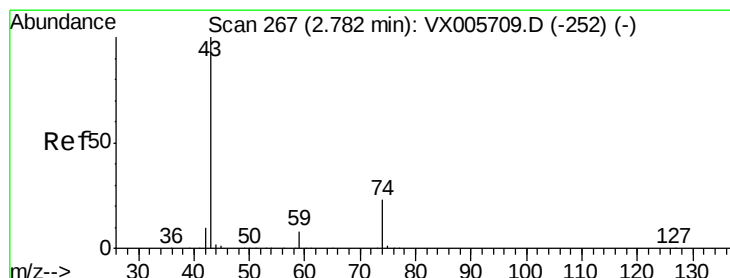
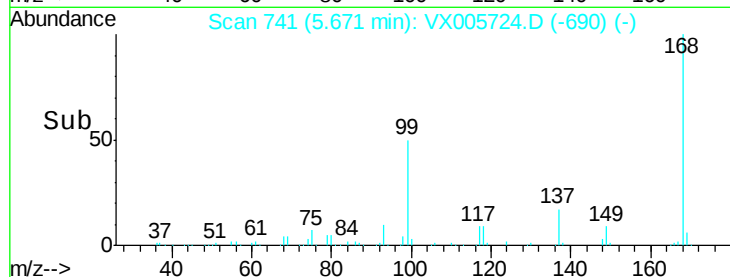
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#18

Methyl Acetate

Concen: 1.047 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005724.D

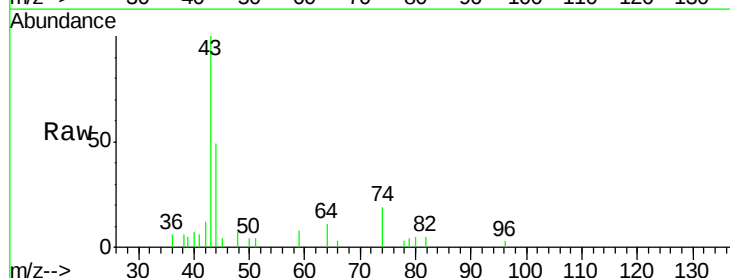
Acq: 01 Nov 2018 12:57

Tgt Ion: 43 Resp: 3126

Ion Ratio Lower Upper

43 100

74 22.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2000

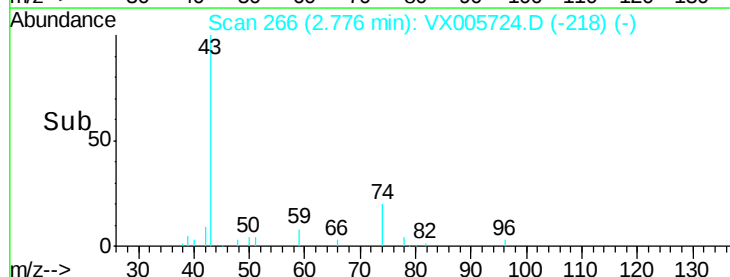
1500

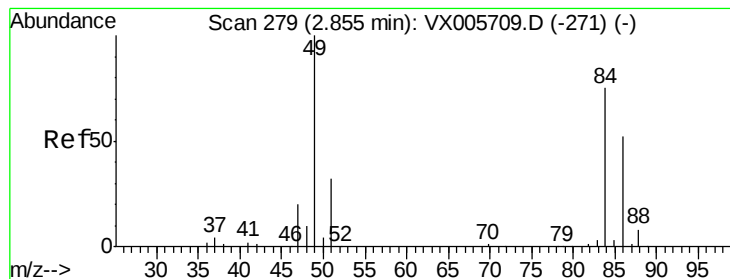
1000

500

0

Time--> 2.70 2.75 2.80





#20

Methylene Chloride

Concen: 1.257 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX005724.D

Acq: 01 Nov 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

OK-01-103018

Tgt Ion: 84 Resp: 2256

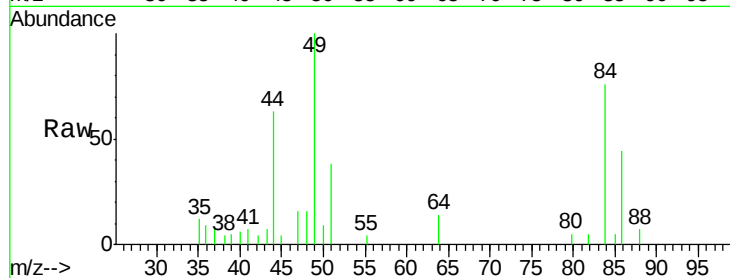
Ion Ratio Lower Upper

84 100

49 131.7 109.5 164.3

51 43.6 33.3 49.9

86 57.9 52.7 79.1



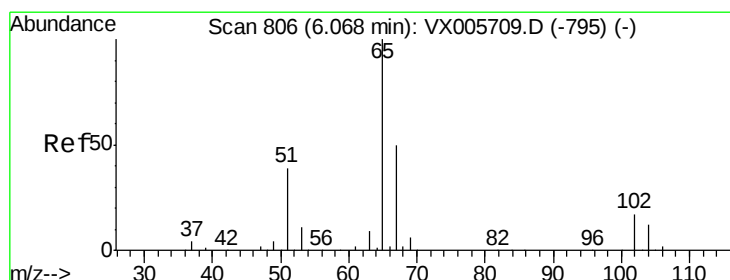
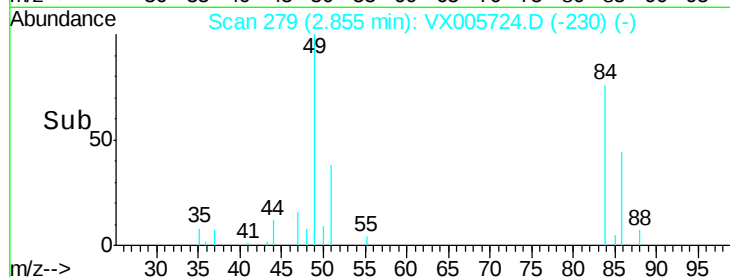
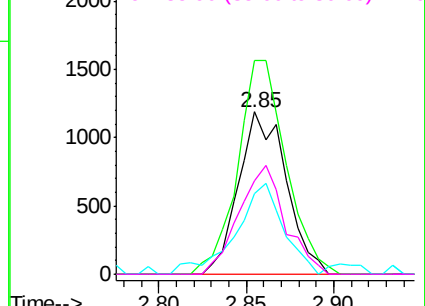
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.779 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005724.D

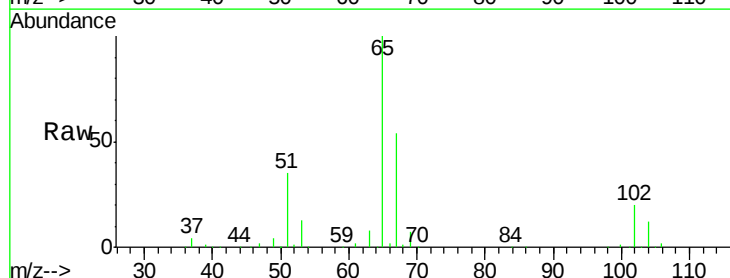
Acq: 01 Nov 2018 12:57

Tgt Ion: 65 Resp: 103578

Ion Ratio Lower Upper

65 100

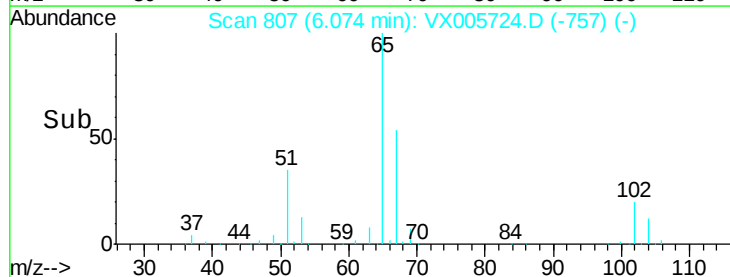
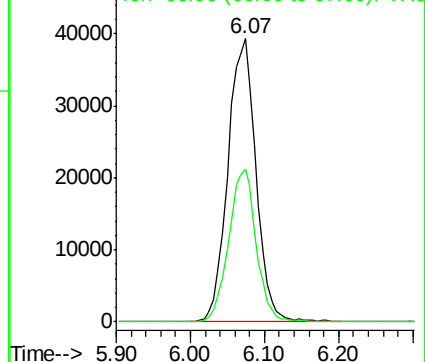
67 52.8 0.0 105.0

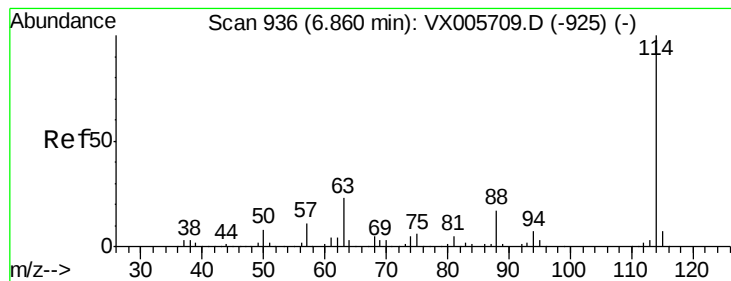


Abundance

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# 937

Delta R.T. 0.01 min

Lab File: VX005724.D

Acq: 01 Nov 2018 12:57

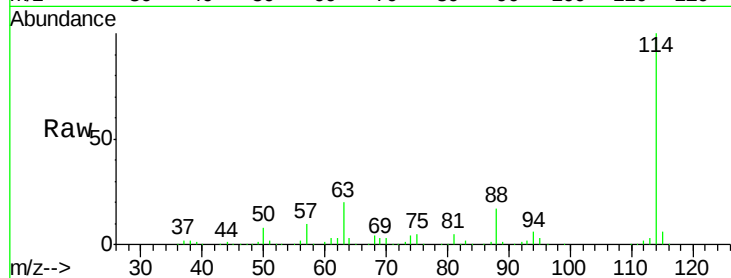
Instrument :

MSVOA_X

ClientSampled :

OK-01-103018

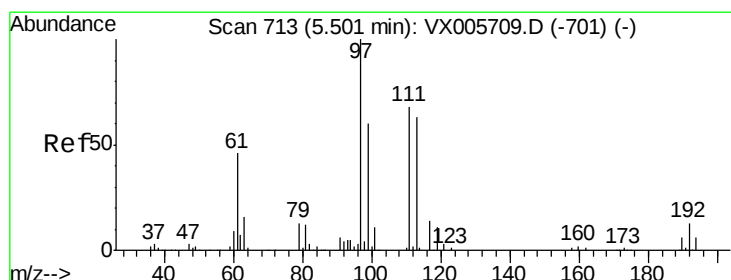
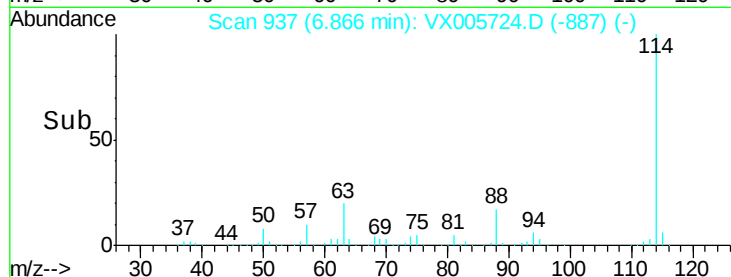
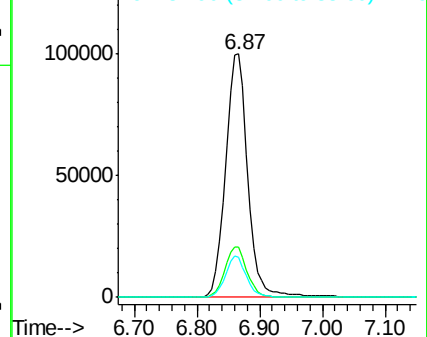
Tgt Ion:	114	Resp:	244320
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.8
88	16.6	0.0	31.2



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: 46.266 ug/l

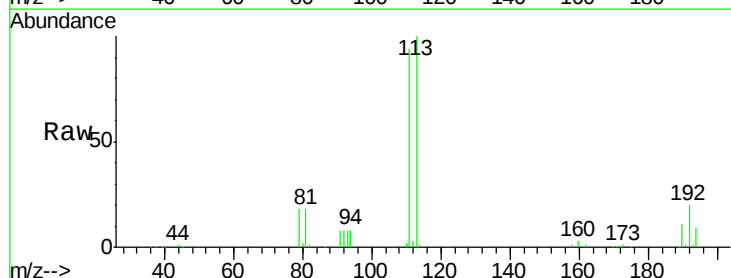
RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005724.D

Acq: 01 Nov 2018 12:57

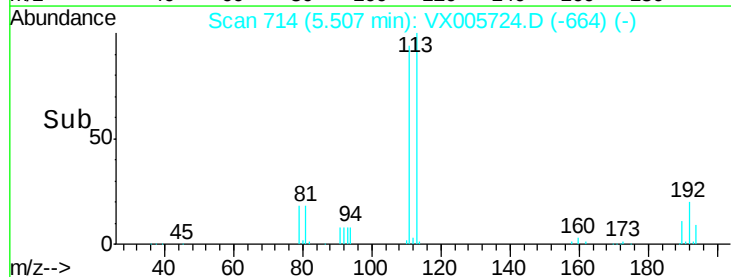
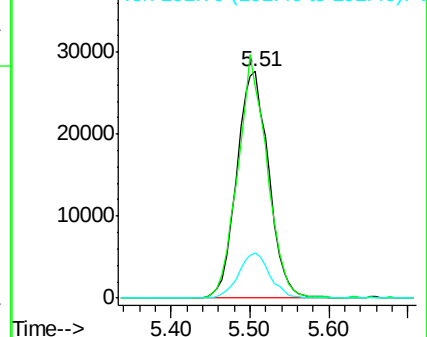
Tgt Ion:	113	Resp:	78268
Ion	Ratio	Lower	Upper
113	100		
111	98.9	82.3	123.5
192	19.4	17.9	26.9

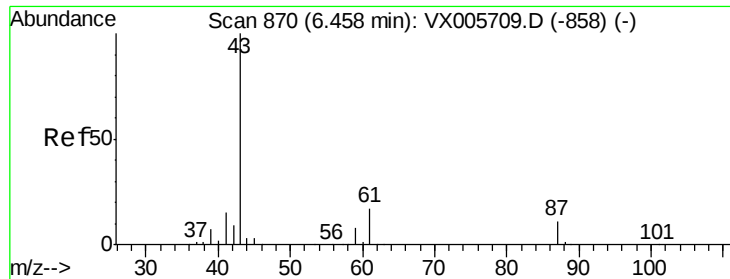


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

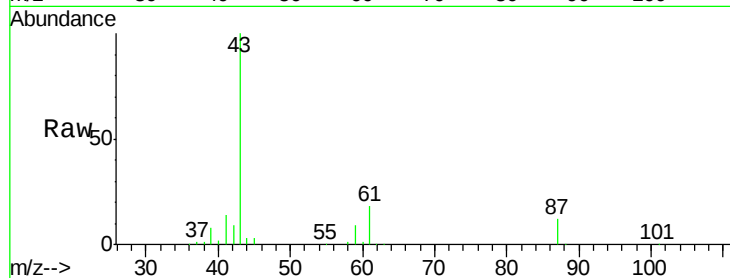




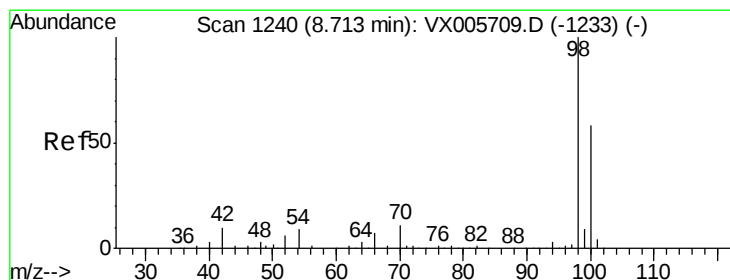
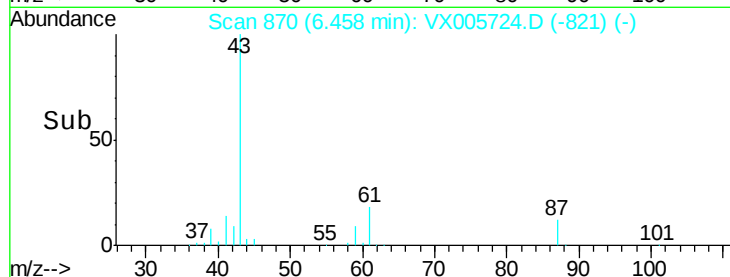
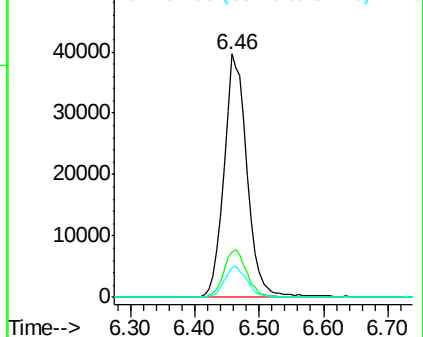
#43
Isopropyl Acetate
Concen: 20.816 ug/l
RT: 6.46 min Scan# 870
Delta R.T. -0.00 min
Lab File: VX005724.D
Acq: 01 Nov 2018 12:57

Instrument :
MSVOA_X
ClientSampleId :
OK-01-103018

Tgt Ion: 43 Resp: 100333
Ion Ratio Lower Upper
43 100
61 19.7 14.6 22.0
87 12.5 9.6 14.4

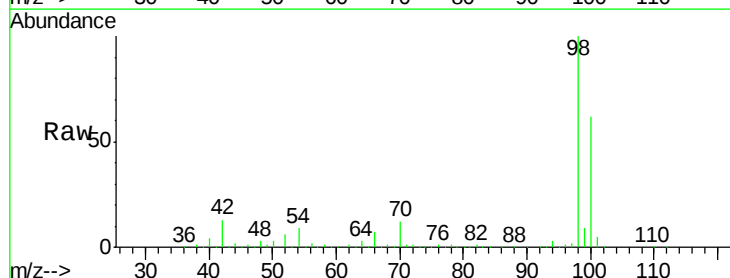


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

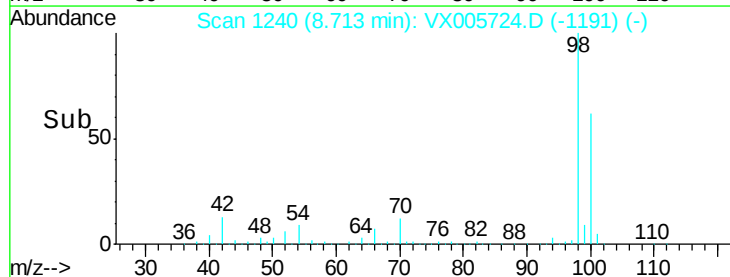
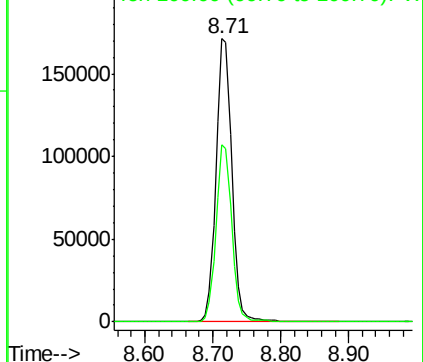


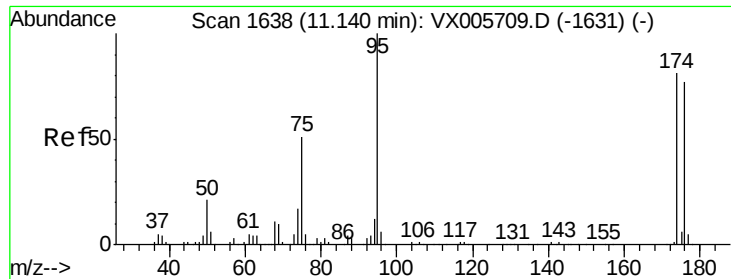
#50
Toluene-d8
Concen: 46.598 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005724.D
Acq: 01 Nov 2018 12:57

Tgt Ion: 98 Resp: 276478
Ion Ratio Lower Upper
98 100
100 62.3 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 41.203 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005724.D

Acq: 01 Nov 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

OK-01-103018

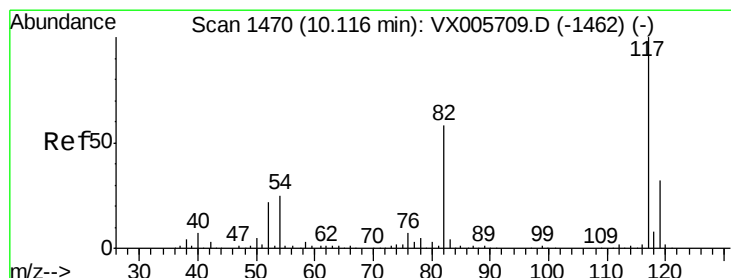
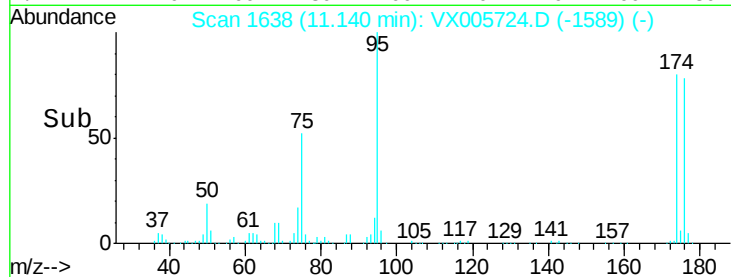
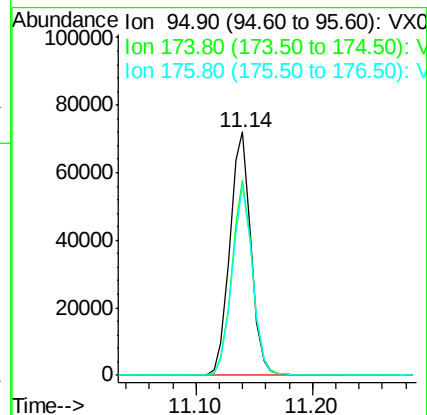
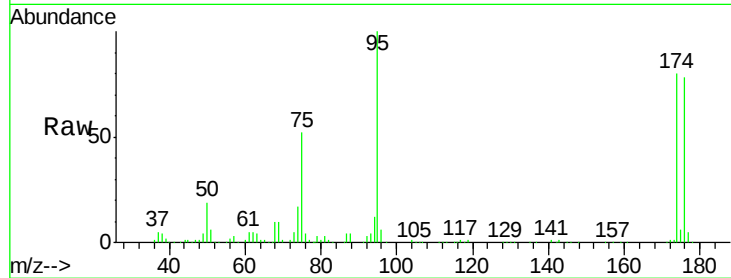
Tgt Ion: 95 Resp: 90226

Ion Ratio Lower Upper

95 100

174 78.6 0.0 184.4

176 76.0 0.0 177.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005724.D

Acq: 01 Nov 2018 12:57

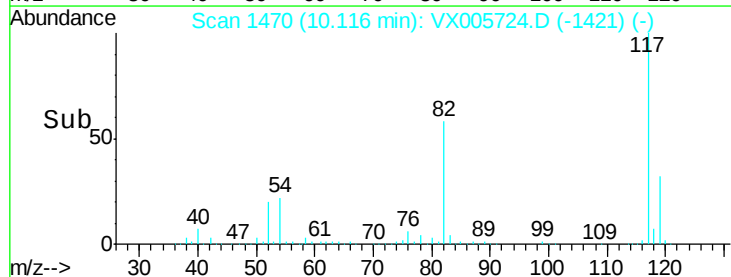
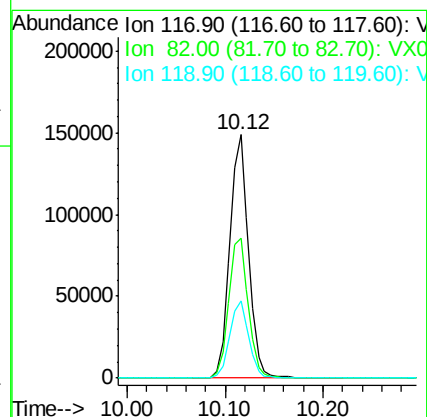
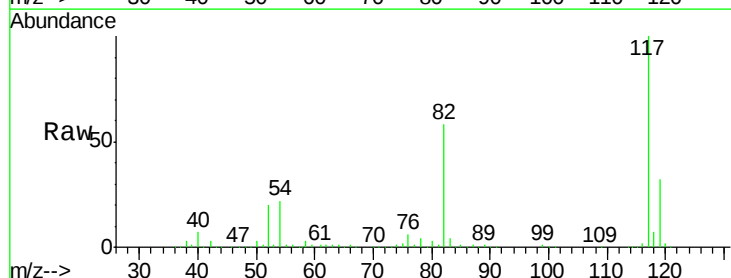
Tgt Ion: 117 Resp: 197670

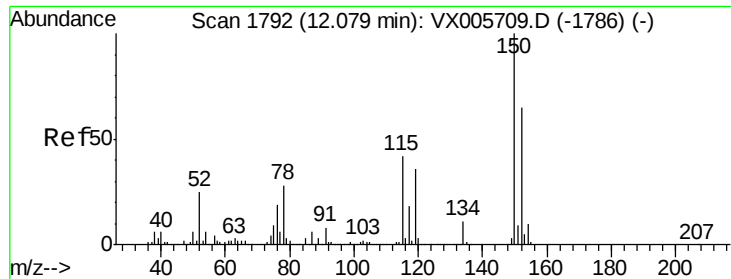
Ion Ratio Lower Upper

117 100

82 57.7 44.1 66.1

119 31.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005724.D

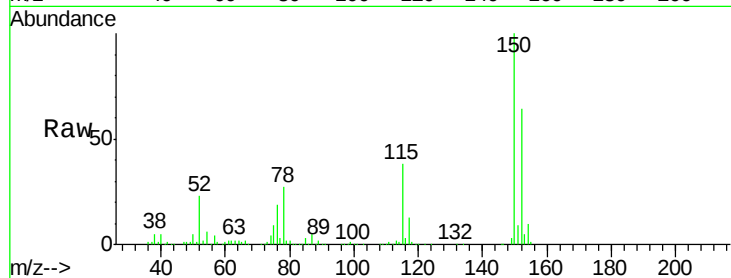
Acq: 01 Nov 2018 12:57

Instrument :

MSVOA_X

ClientSampleId :

OK-01-103018



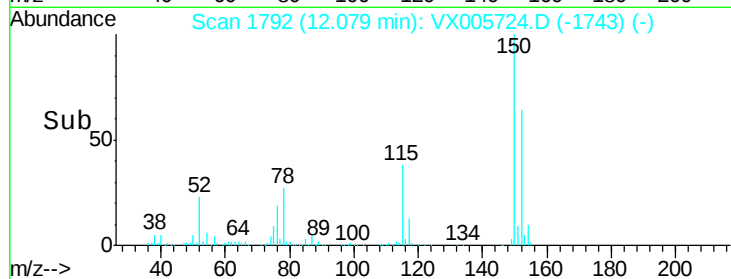
Tgt Ion:152 Resp: 86459

Ion Ratio Lower Upper

152 100

115 60.2 39.4 118.1

150 157.7 0.0 346.4



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

