

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101818\
 Data File : VX005430.D
 Acq On : 18 Oct 2018 15:16
 Operator : JC/MD
 Sample : J5586-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LCS-5-WEST-DRAIN-PIPE

Quant Time: Oct 19 04:44:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

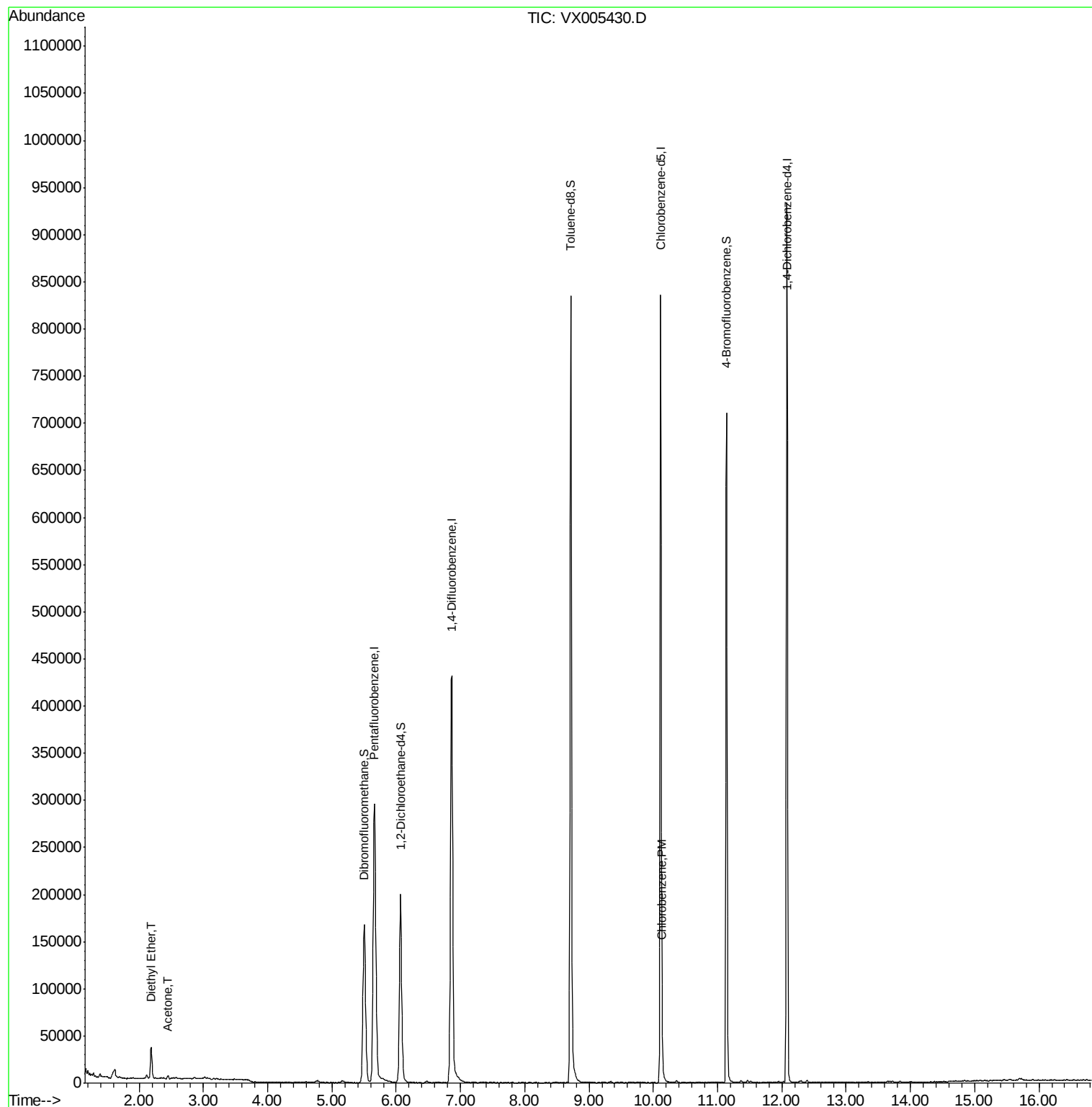
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	325122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	470373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	198331	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	181234	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
35) Dibromofluoromethane	5.50	113	146823	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	8.71	98	545620	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.14	95	181529	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
Target Compounds						
8) Diethyl Ether	2.19	74	7476	3.516	ug/l	97
16) Acetone	2.45	43	2713	1.300	ug/l #	83
65) Chlorobenzene	10.14	112	6300	0.729	ug/l	90

(#) = 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# 740

Delta R.T. 0.00 min

Lab File: VX005430.D

Acq: 18 Oct 2018 15:16

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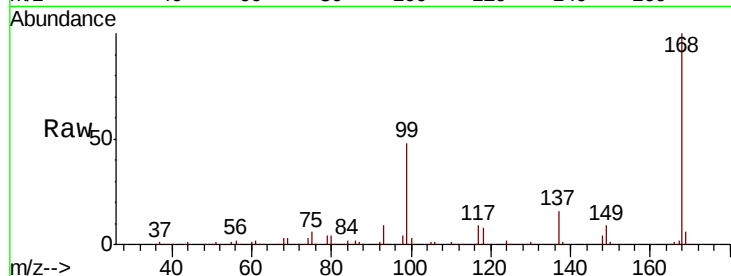
LCS-5-WEST-DRAIN-PIPE

Tot Ion:168 Resp: 325122

Ion Ratio Lower Upper

168 100

99 48.4 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

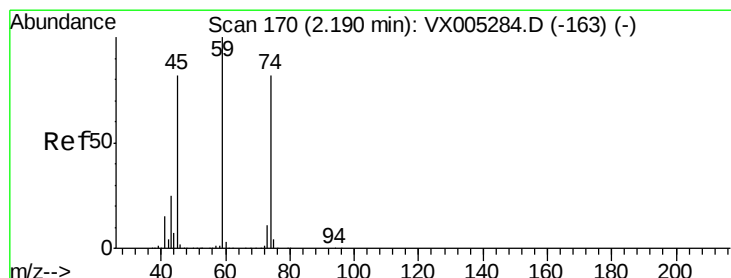
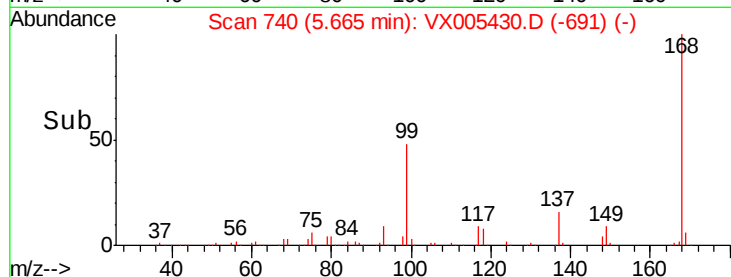
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 3.516 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX005430.D

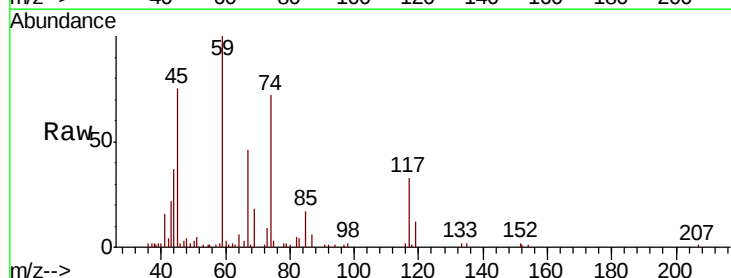
Acq: 18 Oct 2018 15:16

Tgt Ion: 74 Resp: 7476

Ion Ratio Lower Upper

74 100

45 99.3 48.3 144.8



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.19

6000

5000

4000

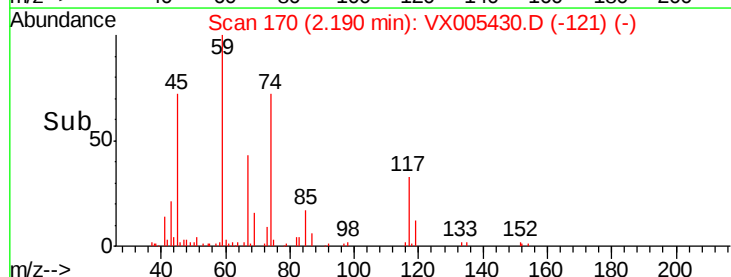
3000

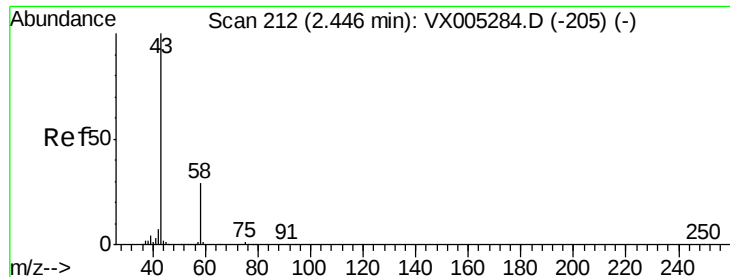
2000

1000

0

Time--> 2.10 2.15 2.20 2.25 2.30

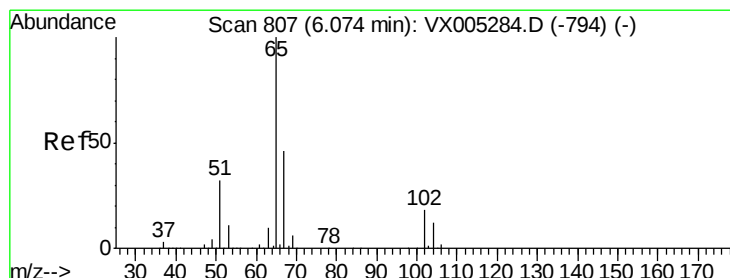
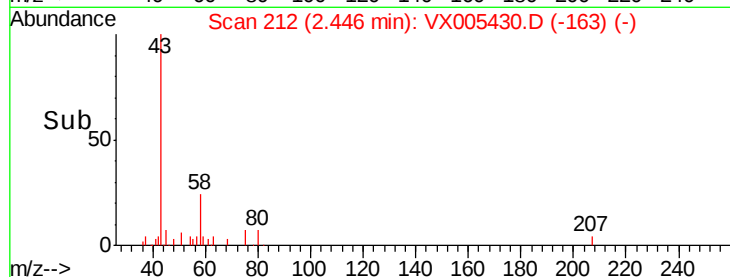
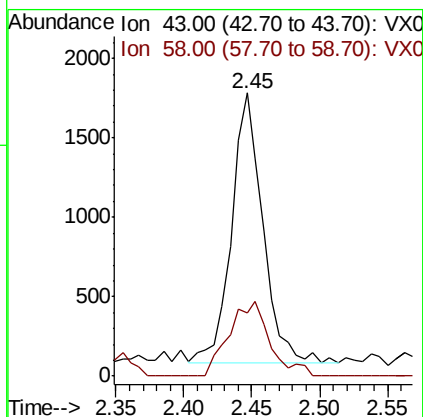
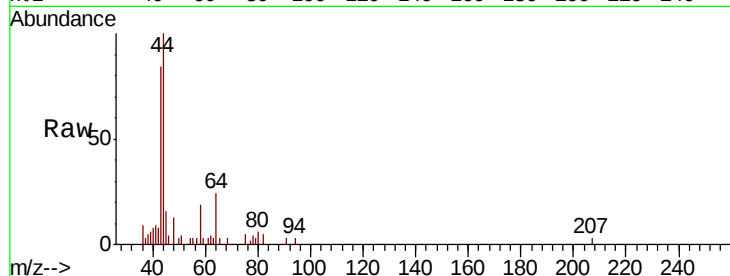




#16
Acetone
Concen: 1.300 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX005430.D
Acq: 18 Oct 2018 15:16

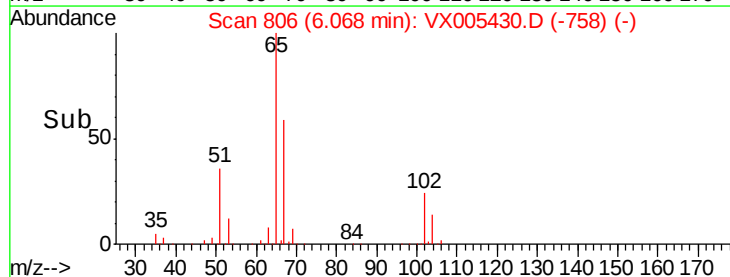
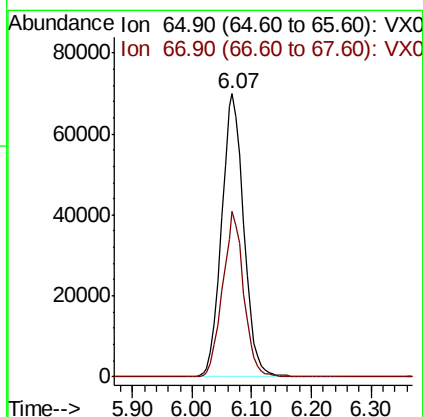
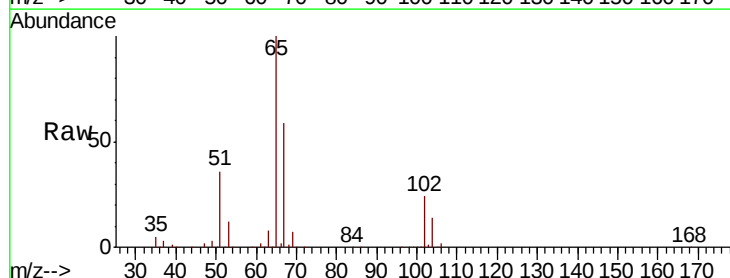
Instrument :
MSVOA_X
ClientSampleId :
LCS-5-WEST-DRAIN-PIPE

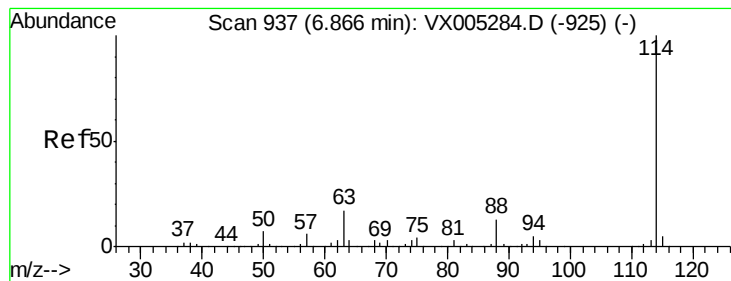
Tot Ion: 43 Resp: 2713
Ion Ratio Lower Upper
43 100
58 23.3 26.2 39.4#



#33
1,2-Dichloroethane-d4
Concen: 50.226 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005430.D
Acq: 18 Oct 2018 15:16

Tgt Ion: 65 Resp: 181234
Ion Ratio Lower Upper
65 100
67 55.6 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.00 min

Lab File: VX005430.D

Acq: 18 Oct 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

LCS-5-WEST-DRAIN-PIPE

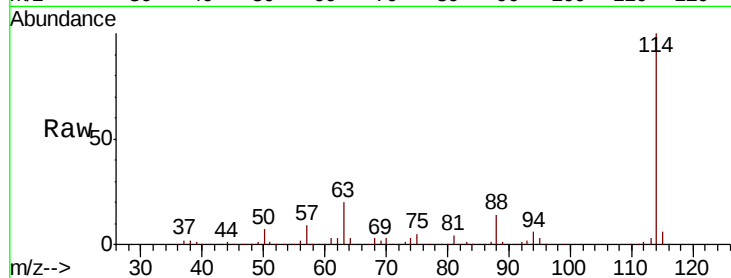
Tot Ion:114 Resp: 470373

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.0

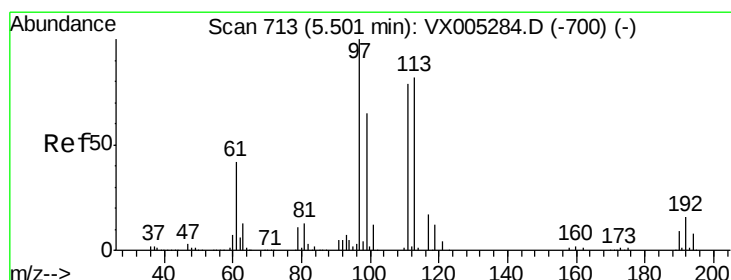
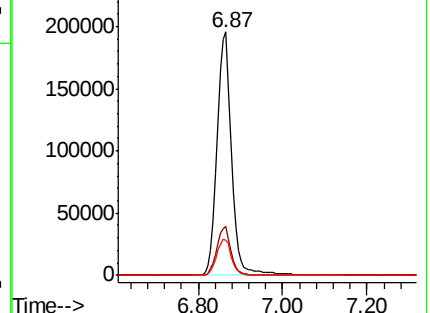
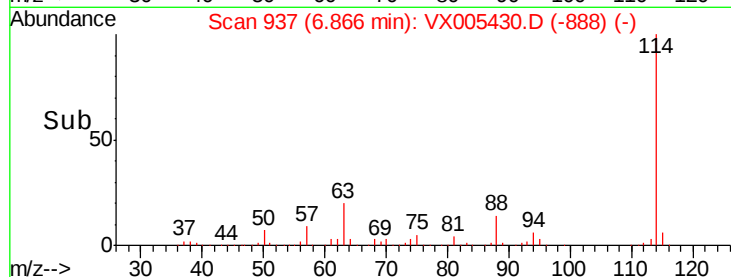
88 14.4 0.0 30.4



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: 47.128 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005430.D

Acq: 18 Oct 2018 15:16

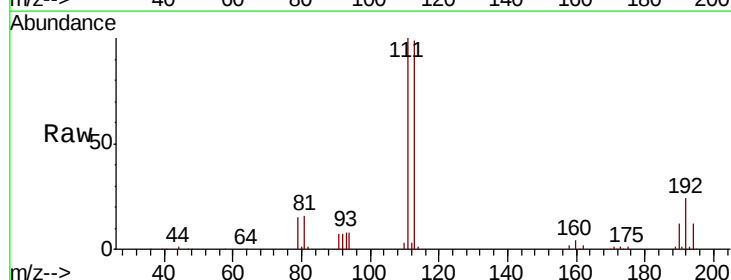
Tgt Ion:113 Resp: 146823

Ion Ratio Lower Upper

113 100

111 100.3 82.4 123.6

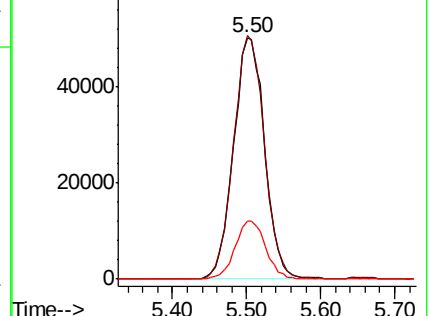
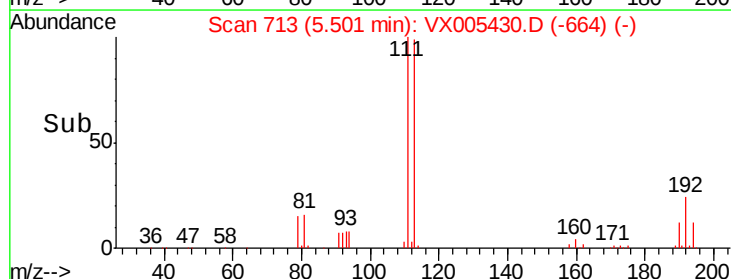
192 23.7 19.4 29.2

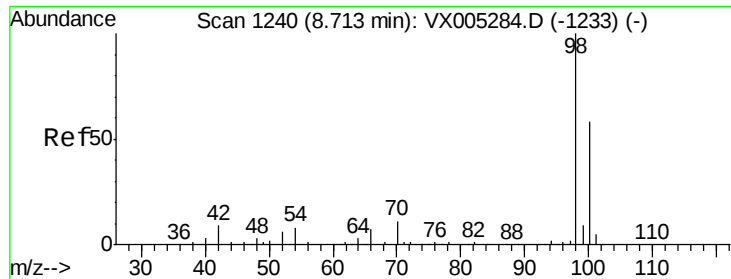


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

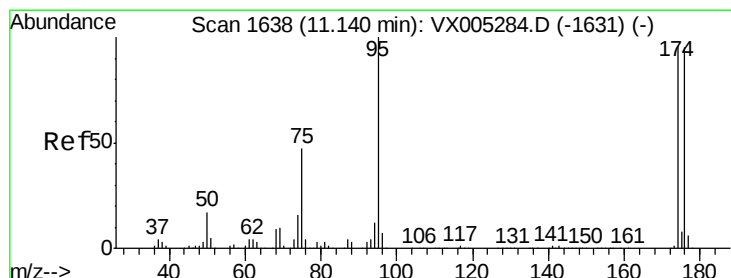
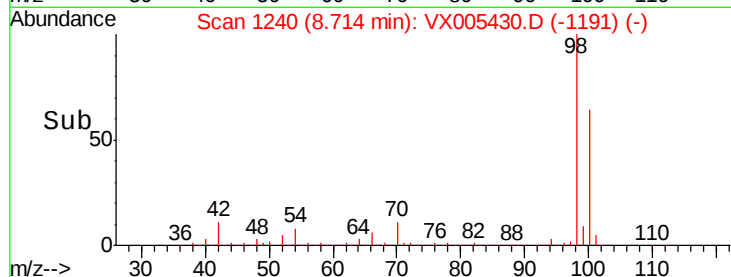
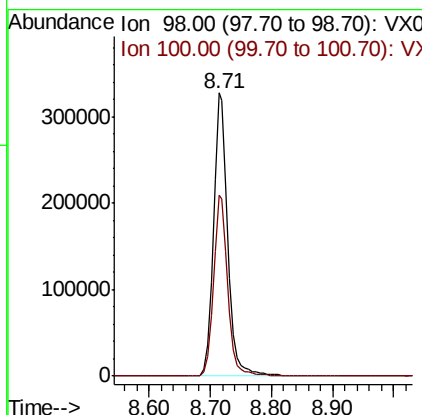
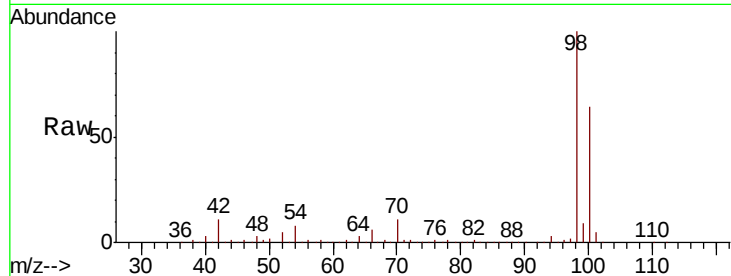




#50
Toluene-d8
Concen: 51.015 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005430.D
Acq: 18 Oct 2018 15:16

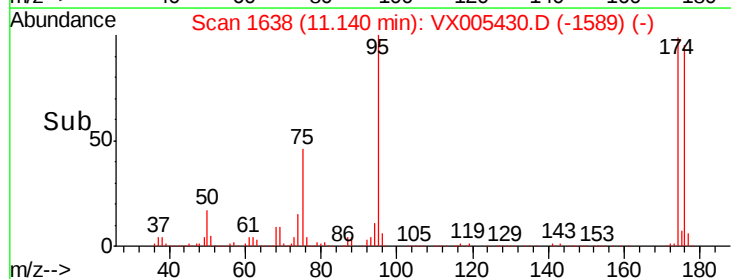
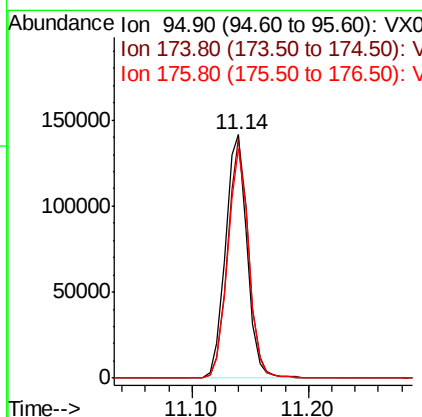
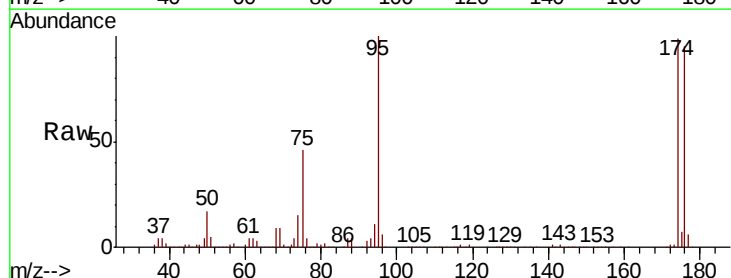
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MSVOA_X
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LCS-5-WEST-DRAIN-PIPE

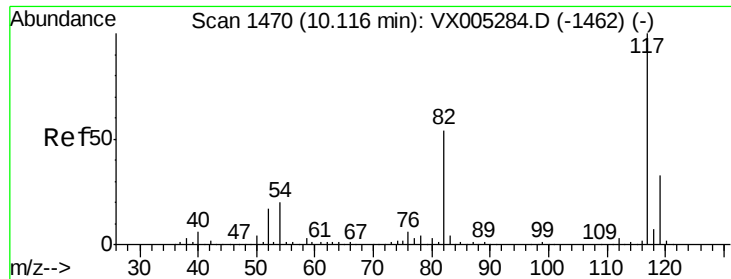
Tot Ion: 98 Resp: 545620
Ion Ratio Lower Upper
98 100
100 64.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 45.180 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005430.D
Acq: 18 Oct 2018 15:16

Tgt Ion: 95 Resp: 181529
Ion Ratio Lower Upper
95 100
174 95.7 0.0 185.2
176 92.4 0.0 178.6

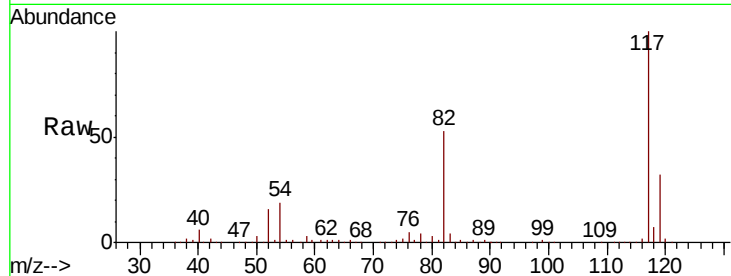




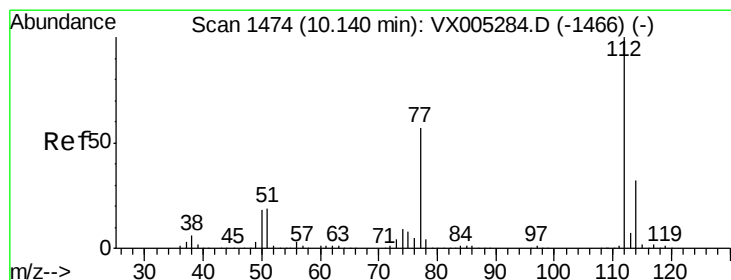
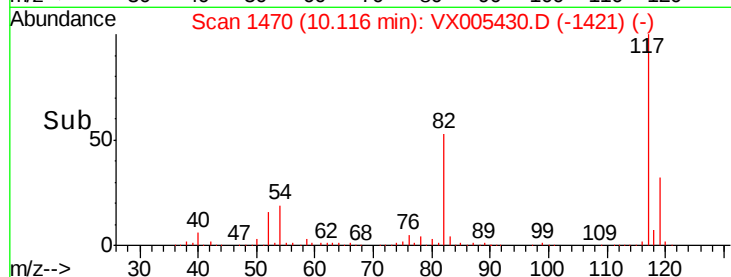
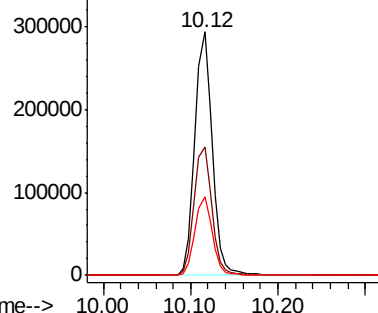
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005430.D
Acq: 18 Oct 2018 15:16

Instrument :
MSVOA_X
ClientSampleId :
LCS-5-WEST-DRAIN-PIPE

Tot Ion:117 Resp: 406272
Ion Ratio Lower Upper
117 100
82 52.7 47.8 71.6
119 32.4 29.3 43.9

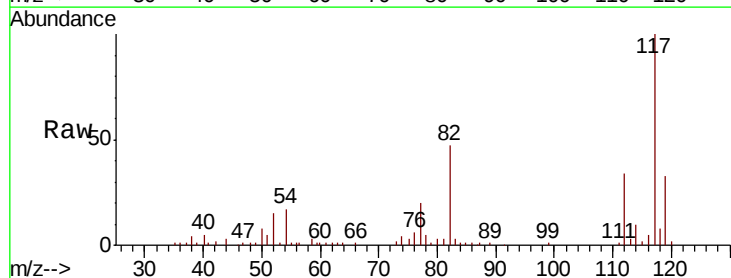


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

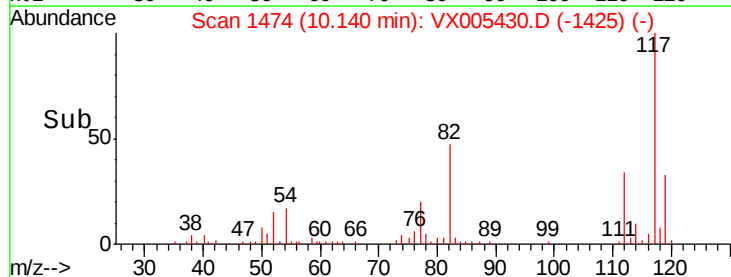
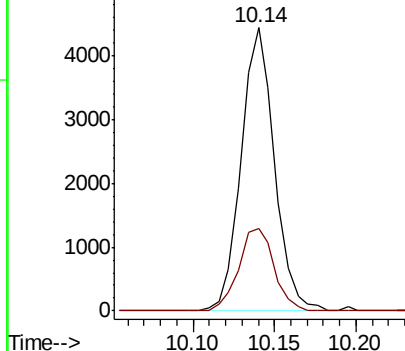


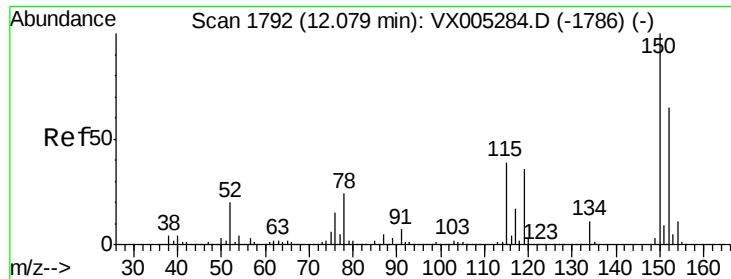
#65
Chlorobenzene
Concen: 0.729 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005430.D
Acq: 18 Oct 2018 15:16

Tgt Ion:112 Resp: 6300
Ion Ratio Lower Upper
112 100
114 29.2 27.8 41.8



Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005430.D

Acq: 18 Oct 2018 15:16

Instrument :

MSVOA_X

ClientSampleId :

LCS-5-WEST-DRAIN-PIPE

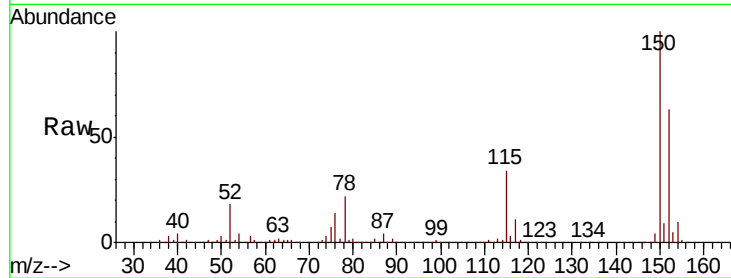
Tot Ion:152 Resp: 198331

Ion Ratio Lower Upper

152 100

115 54.5 39.0 117.0

150 157.3 0.0 351.0



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

