

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102618\
 Data File : VX005631.D
 Acq On : 27 Oct 2018 03:47
 Operator : JC/MD
 Sample : J5696-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DL-SW-01

Quant Time: Oct 29 12:23:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

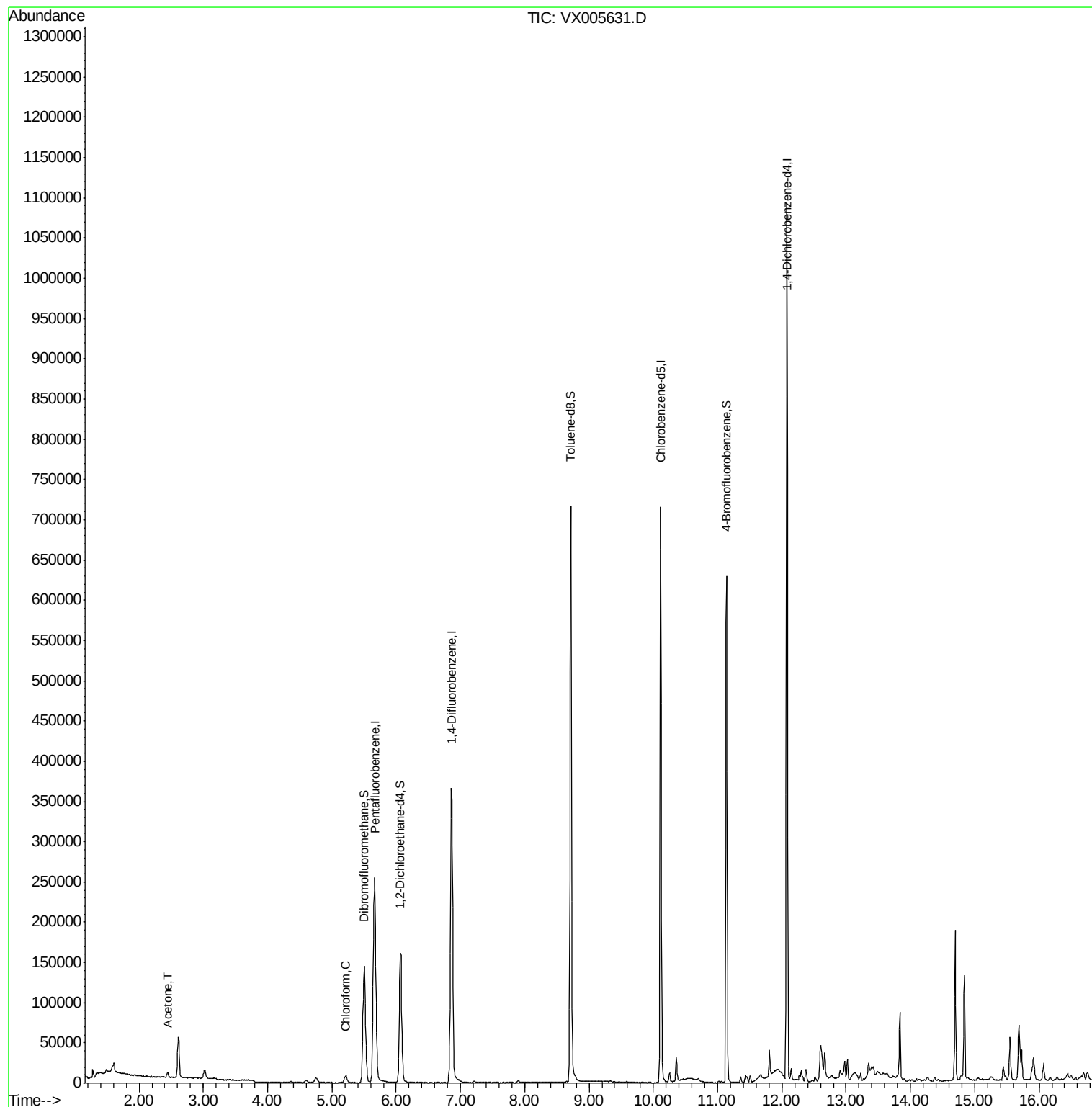
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	260253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	334987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228545	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	151026	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
35) Dibromofluoromethane	5.51	113	121298	46.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.38%	
50) Toluene-d8	8.71	98	445195	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	11.14	95	157557	44.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.42%	
Target Compounds						
16) Acetone	2.45	43	6500	3.872	ug/l #	86
30) Chloroform	5.21	83	9886	2.042	ug/l	99

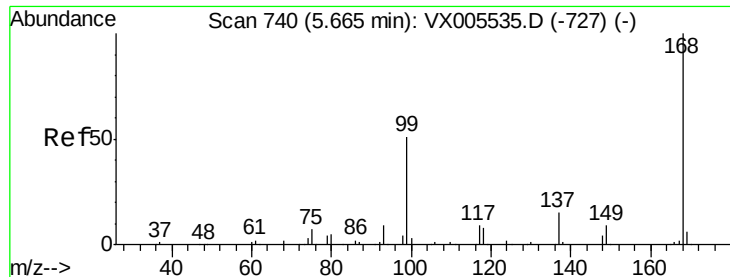
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005631.D

Acq: 27 Oct 2018 03:47

Instrument :

MSVOA_X

ClientSampleId :

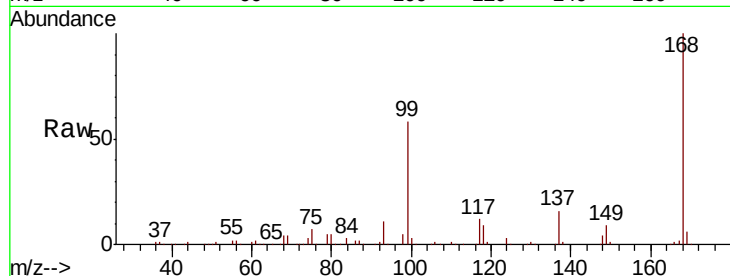
DL-SW-01

Tot Ion:168 Resp: 260253

Ion Ratio Lower Upper

168 100

99 57.5 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

80000

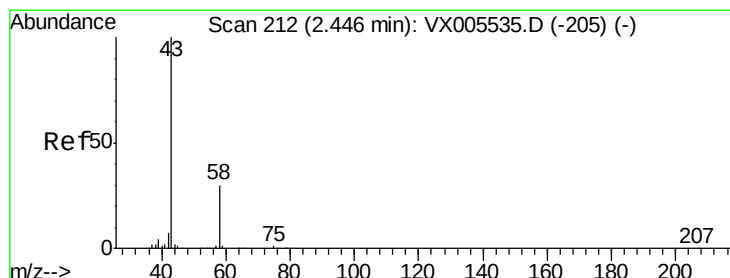
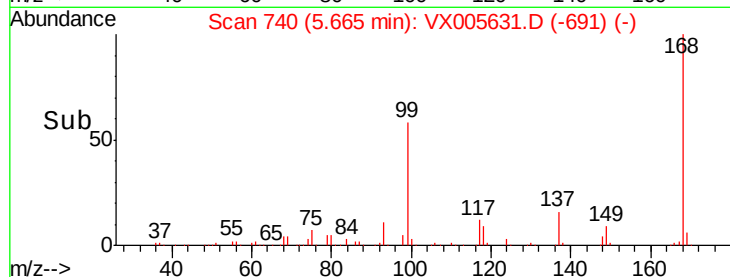
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.872 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005631.D

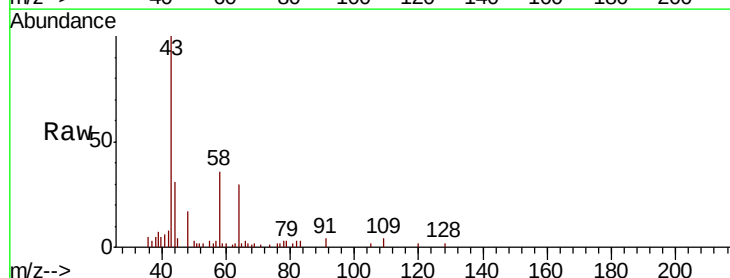
Acq: 27 Oct 2018 03:47

Tgt Ion: 43 Resp: 6500

Ion Ratio Lower Upper

43 100

58 37.1 23.8 35.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

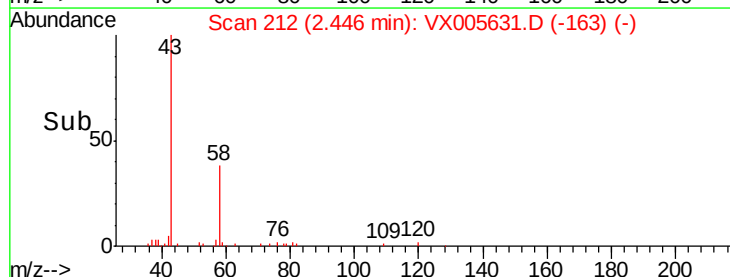
3000

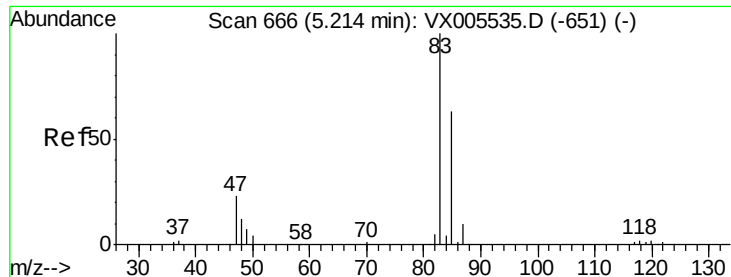
2000

1000

0

Time--> 2.40 2.45 2.50





#30

Chloroform

Concen: 2.042 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005631.D

Acq: 27 Oct 2018 03:47

Instrument :

MSVOA_X

ClientSampleId :

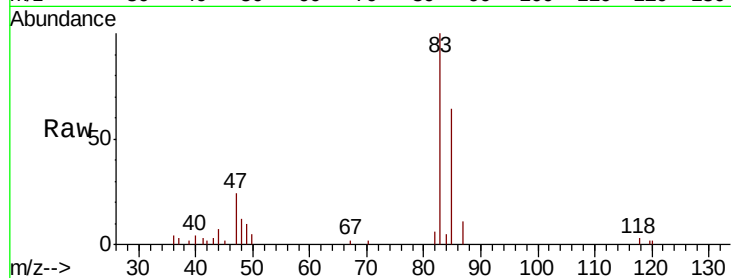
DL-SW-01

Tot Ion: 83 Resp: 9886

Ion Ratio Lower Upper

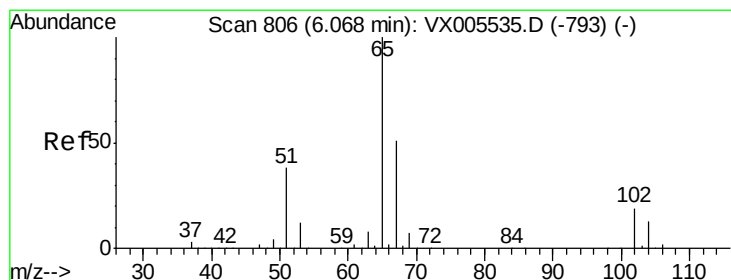
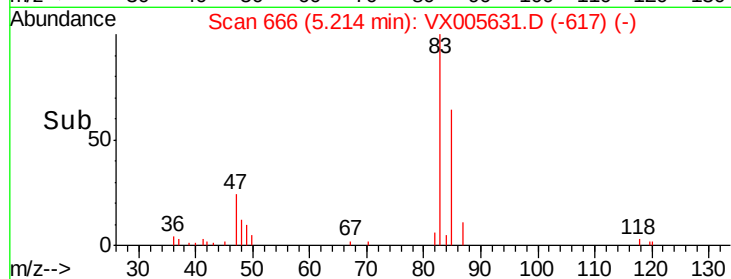
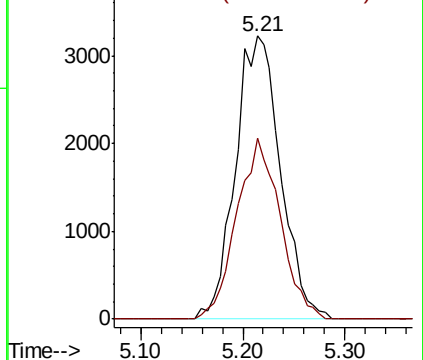
83 100

85 63.8 50.6 76.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.539 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005631.D

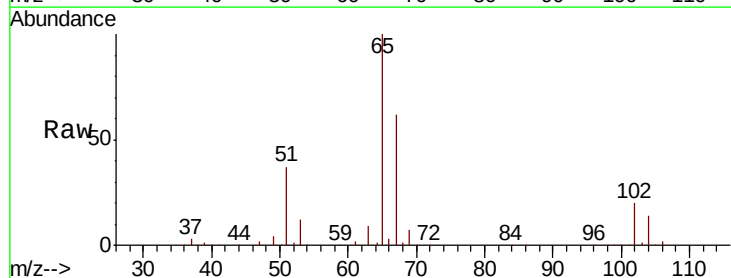
Acq: 27 Oct 2018 03:47

Tgt Ion: 65 Resp: 151026

Ion Ratio Lower Upper

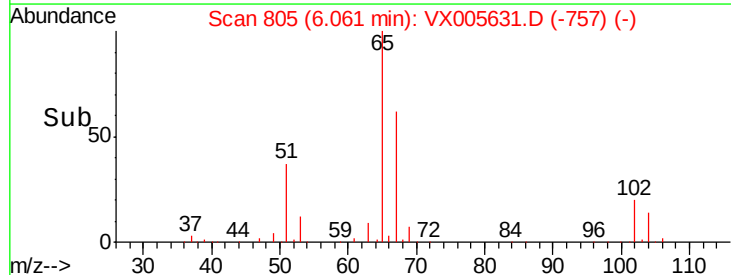
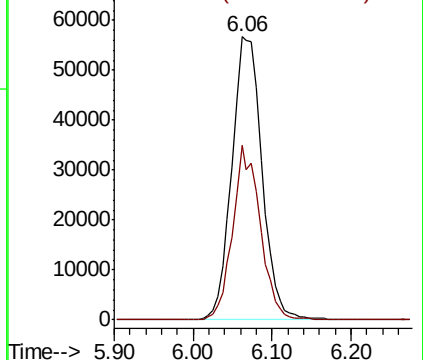
65 100

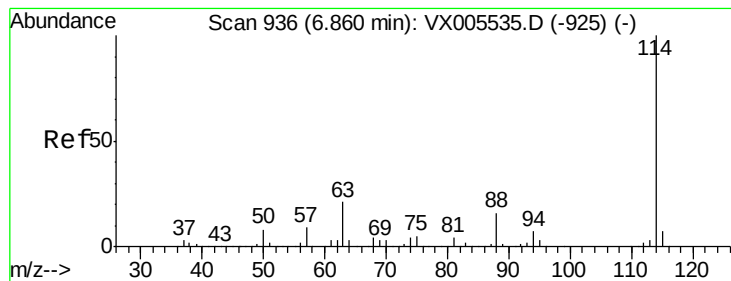
67 56.3 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX005631.D

Acq: 27 Oct 2018 03:47

Instrument :

MSVOA_X

ClientSampleId :

DL-SW-01

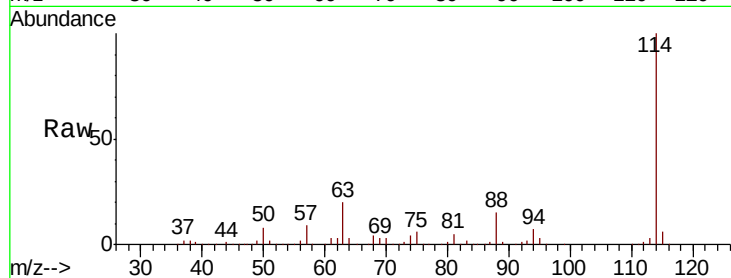
Tot Ion:114 Resp: 387842

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

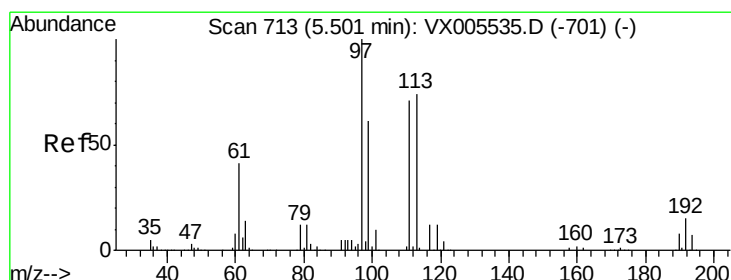
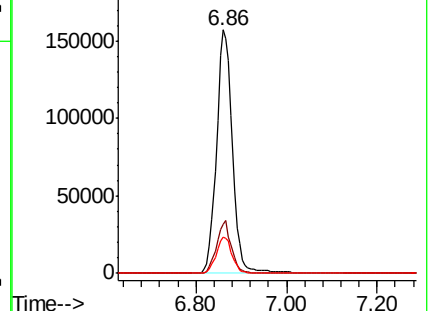
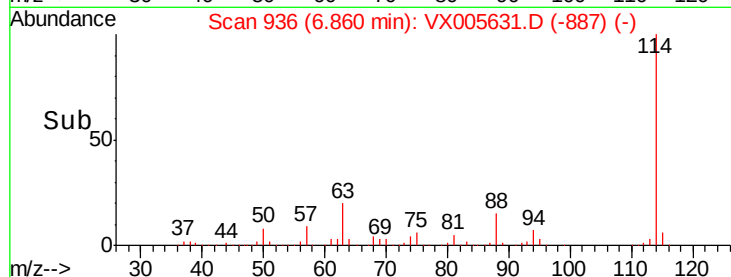
88 14.9 0.0 31.2



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: 46.189 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005631.D

Acq: 27 Oct 2018 03:47

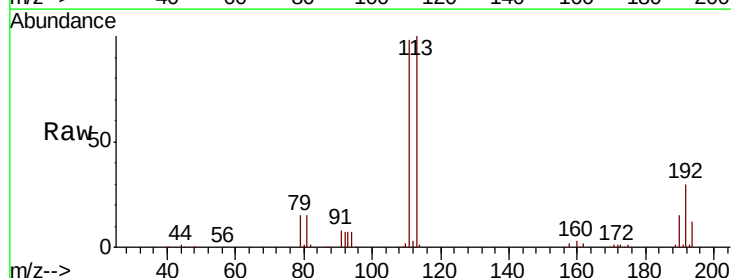
Tgt Ion:113 Resp: 121298

Ion Ratio Lower Upper

113 100

111 104.5 82.3 123.5

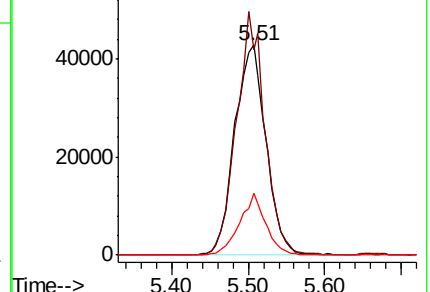
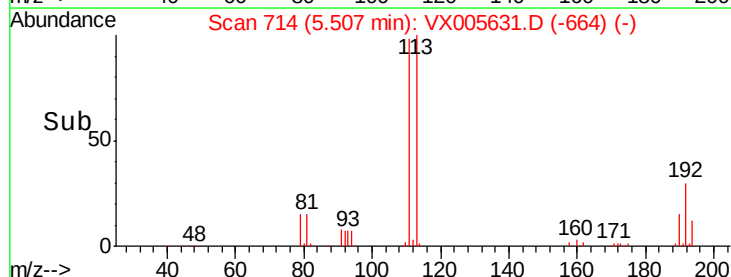
192 24.4 17.9 26.9

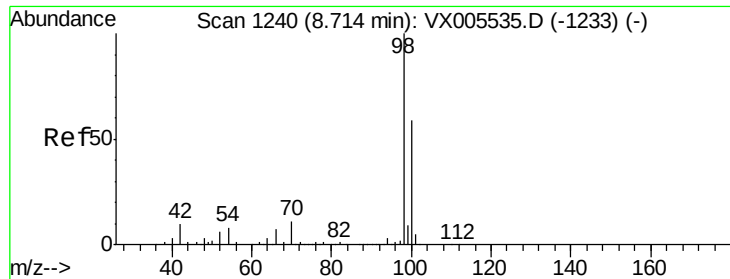


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

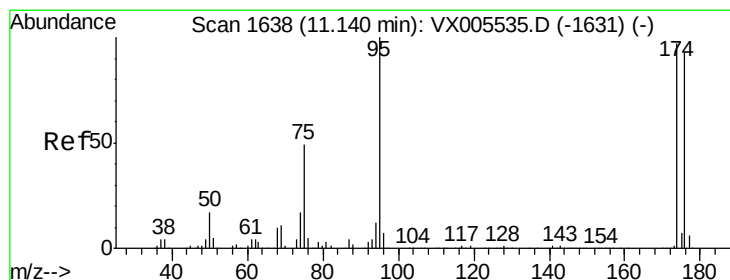
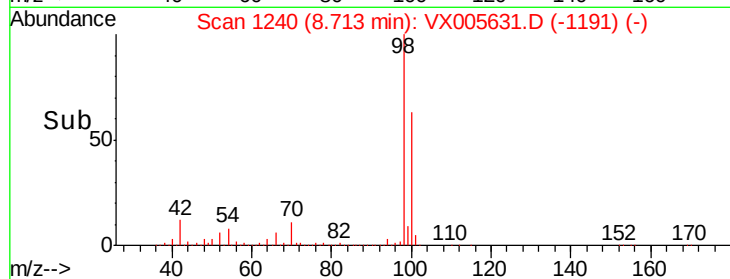
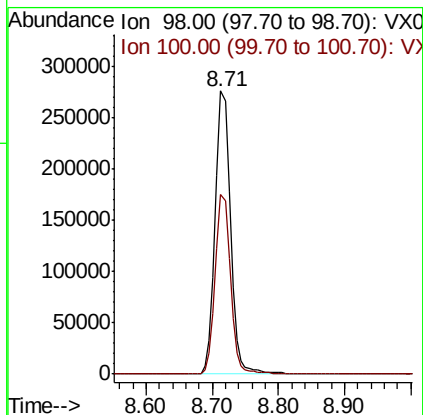
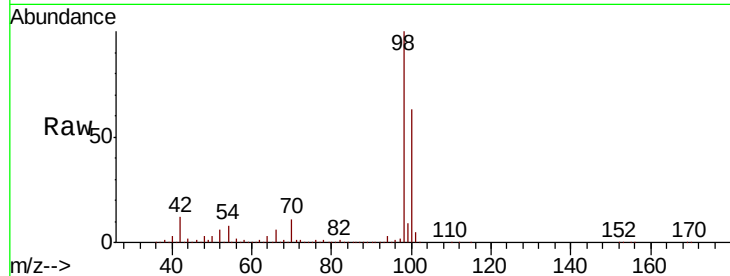




#50
Toluene-d8
Concen: 47.179 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX005631.D
Acq: 27 Oct 2018 03:47

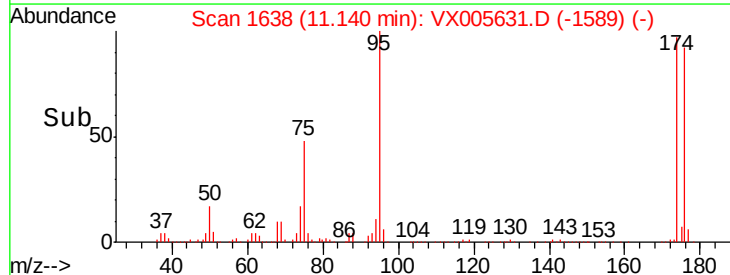
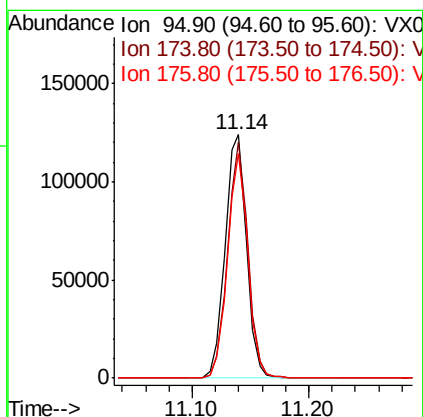
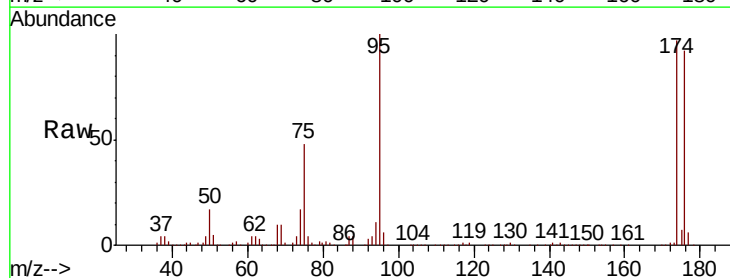
Instrument :
MSVOA_X
ClientSampleId :
DL-SW-01

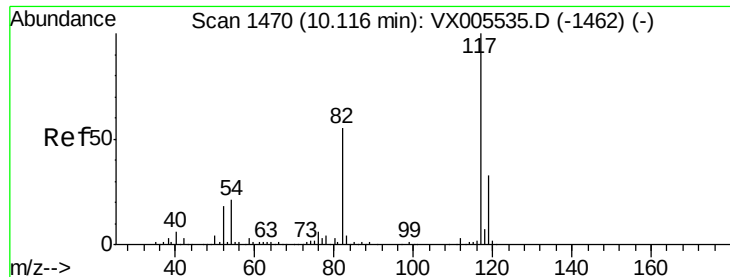
Tot Ion: 98 Resp: 445195
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 44.213 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005631.D
Acq: 27 Oct 2018 03:47

Tgt Ion: 95 Resp: 157557
Ion Ratio Lower Upper
95 100
174 92.6 0.0 184.4
176 88.4 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: VX005631.D

Acq: 27 Oct 2018 03:47

Instrument :

MSVOA_X

ClientSampleId :

DL-SW-01

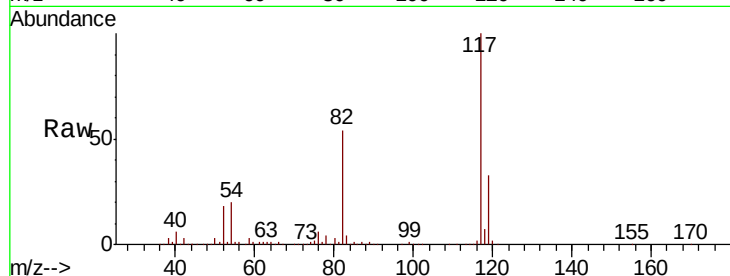
Tot Ion:117 Resp: 334987

Ion Ratio Lower Upper

117 100

82 54.2 44.1 66.1

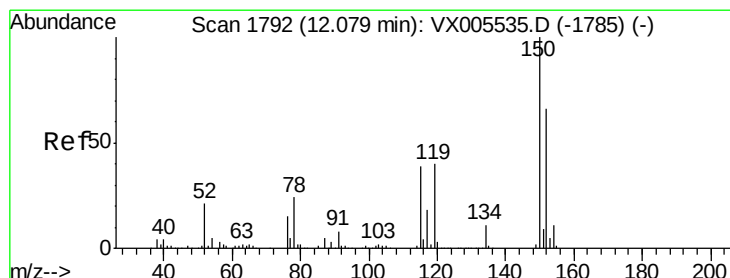
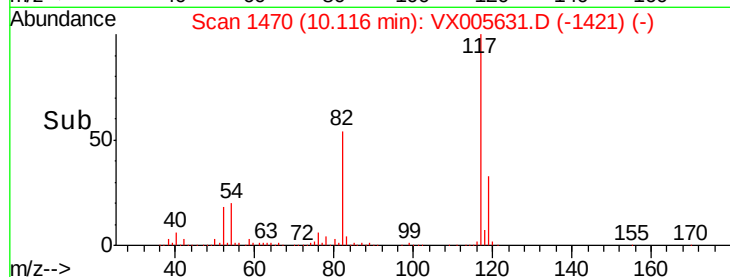
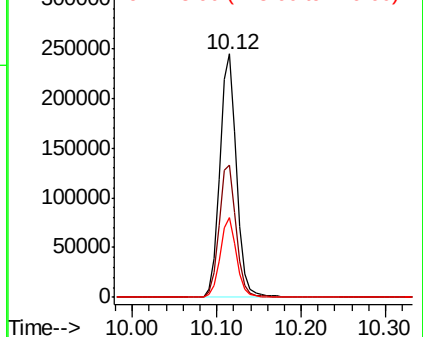
119 32.9 26.2 39.2



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# 1792

Delta R.T. -0.00 min

Lab File: VX005631.D

Acq: 27 Oct 2018 03:47

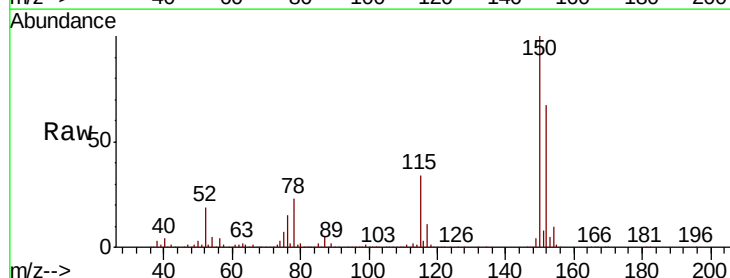
Tgt Ion:152 Resp: 228545

Ion Ratio Lower Upper

152 100

115 55.0 39.4 118.1

150 152.8 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

