

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007570.D
 Acq On : 15 Feb 2019 16:11
 Operator : JC/SP
 Sample : K1458-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-4DL

Quant Time: Feb 16 04:19:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

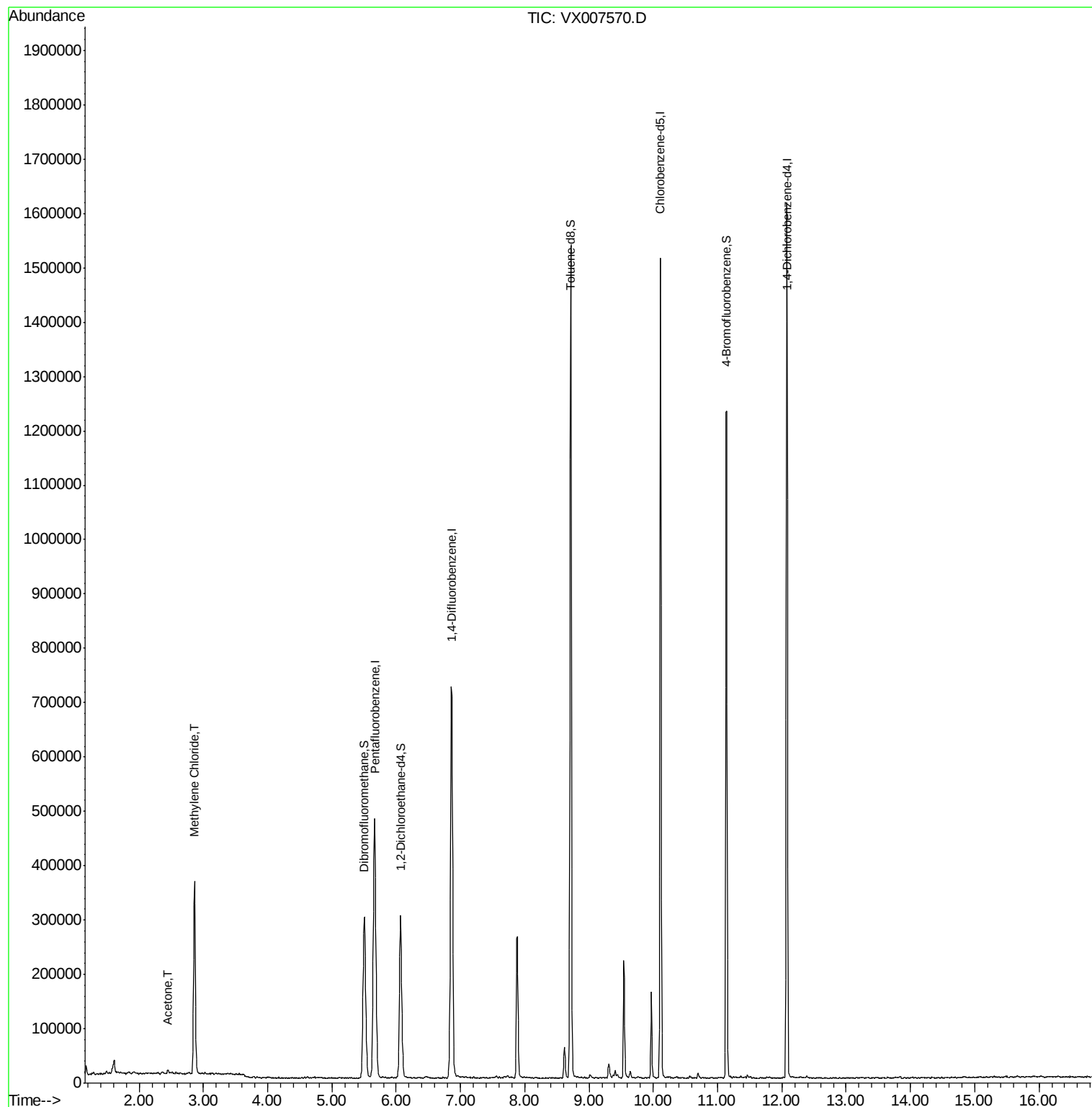
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	493279	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	777947	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	720871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342121	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	272150	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	5.50	113	254749	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	8.71	98	918312	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
62) 4-Bromofluorobenzene	11.13	95	324621	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.68%	
Target Compounds						
16) Acetone	2.45	43	7928	3.306	ug/l	97
20) Methylene Chloride	2.86	84	164157	33.379	ug/l	97

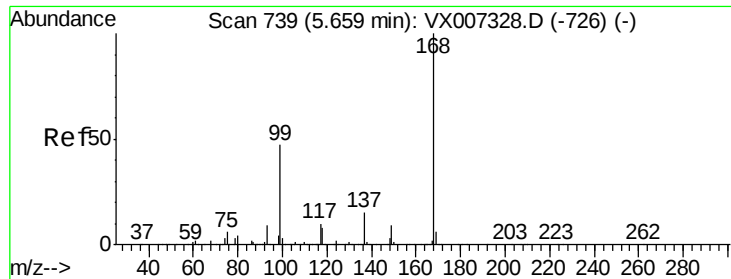
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007570.D

Acq: 15 Feb 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

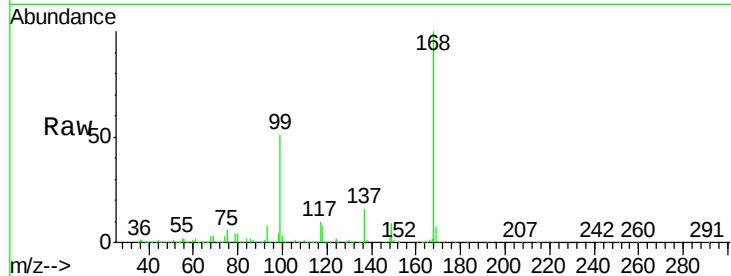
WC-4DL

Tot Ion:168 Resp: 493279

Ion Ratio Lower Upper

168 100

99 50.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

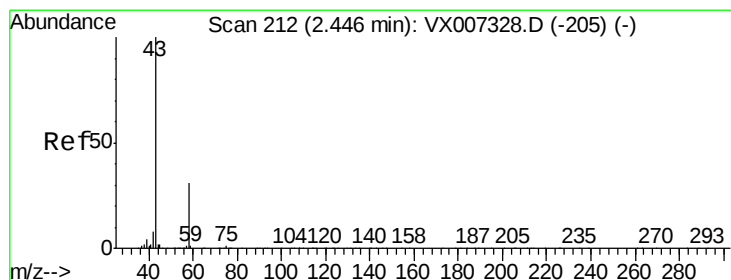
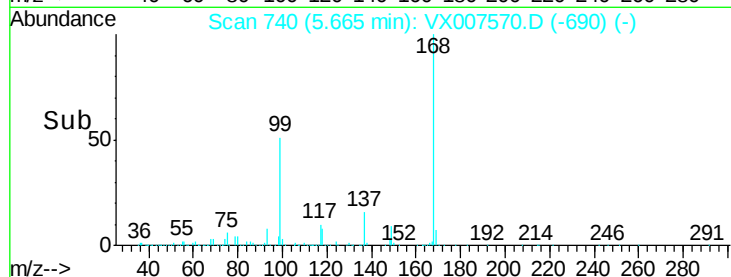
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.306 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007570.D

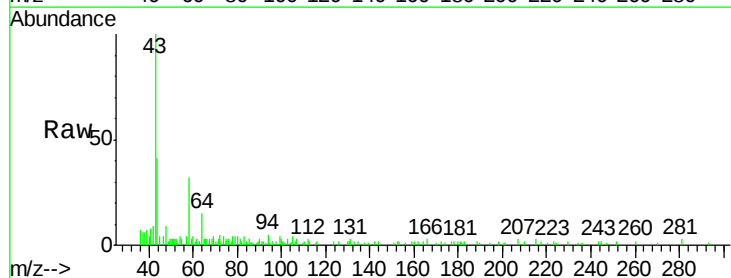
Acq: 15 Feb 2019 16:11

Tgt Ion: 43 Resp: 7928

Ion Ratio Lower Upper

43 100

58 29.2 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

5000

4000

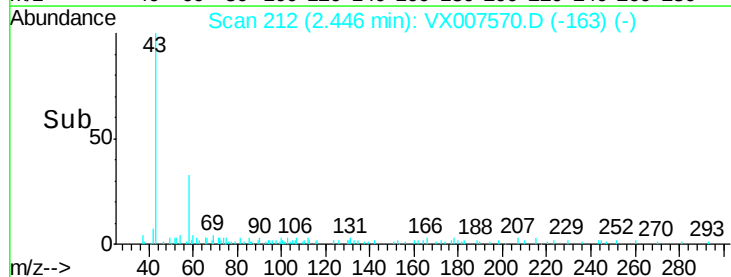
3000

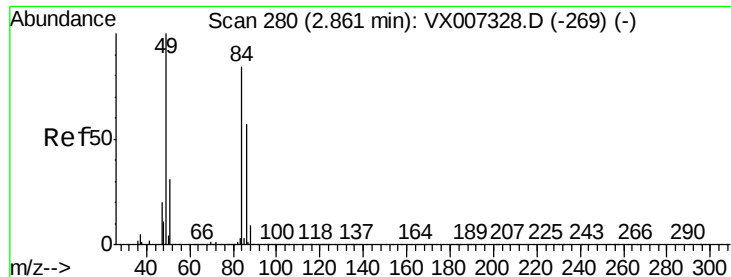
2000

1000

0

Time--> 2.40 2.45 2.50





#20

Methylene Chloride

Concen: 33.379 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX007570.D

Acq: 15 Feb 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

WC-4DL

Tot Ion: 84 Resp: 164157

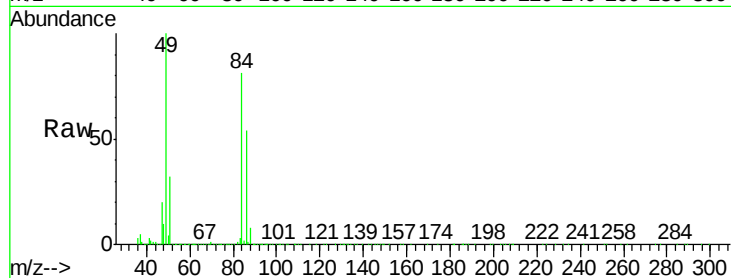
Ion	Ratio	Lower	Upper
84	100		
49	122.9	94.8	142.2
51	39.2	29.8	44.8
86	66.4	54.1	81.1

84 100

49 122.9 94.8 142.2

51 39.2 29.8 44.8

86 66.4 54.1 81.1

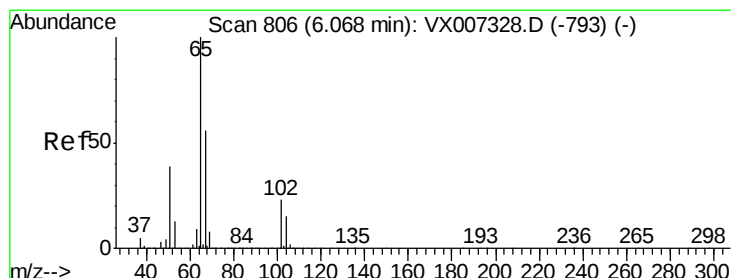
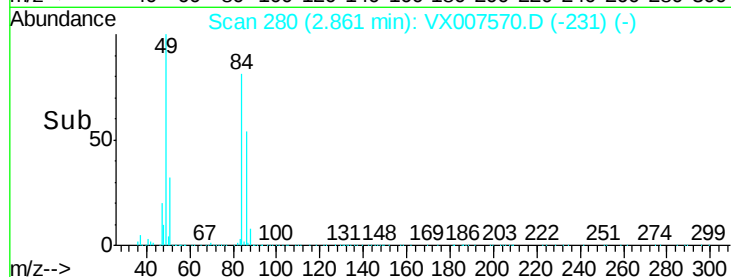
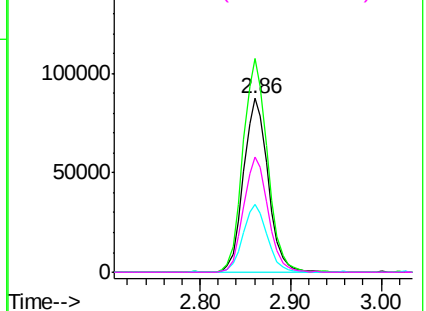


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 51.979 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007570.D

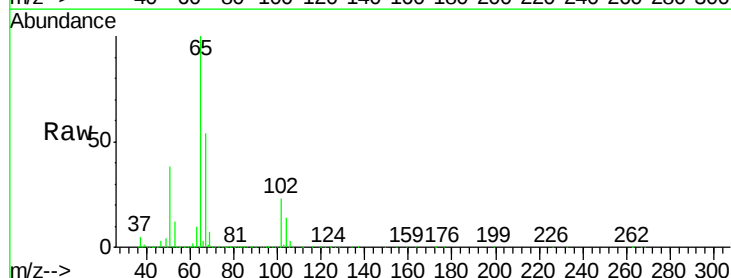
Acq: 15 Feb 2019 16:11

Tgt Ion: 65 Resp: 272150

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.8

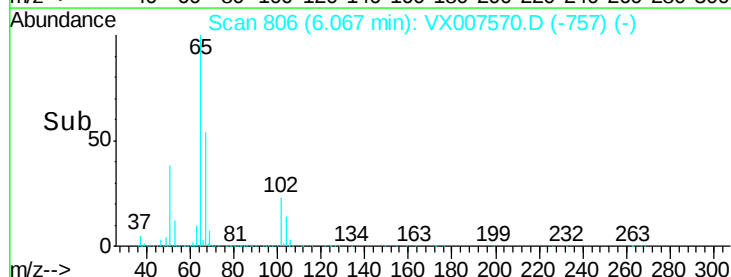
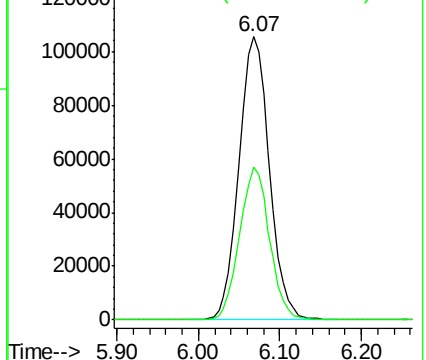
65 100

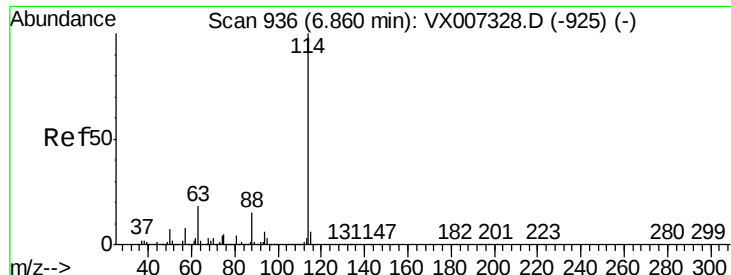
67 53.2 0.0 108.8



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: VX007570.D

Acq: 15 Feb 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

WC-4DL

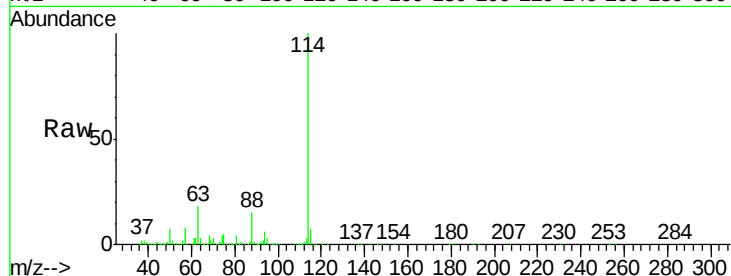
Tot Ion:114 Resp: 777947

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

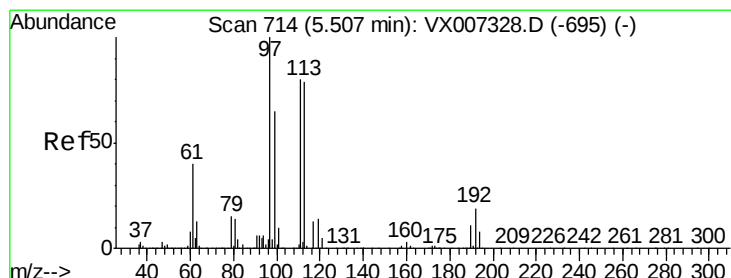
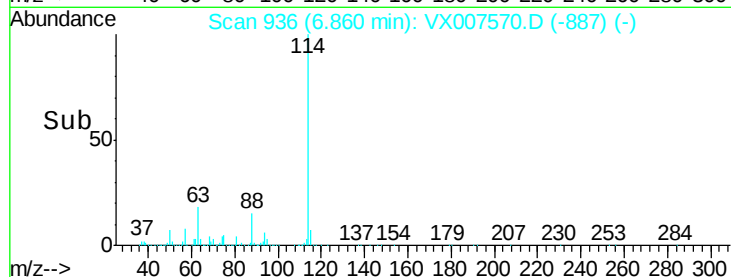
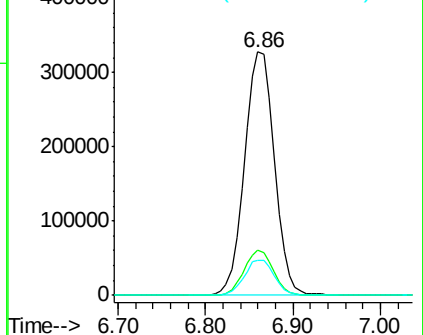
88 14.5 0.0 29.6



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: 50.328 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.01 min

Lab File: VX007570.D

Acq: 15 Feb 2019 16:11

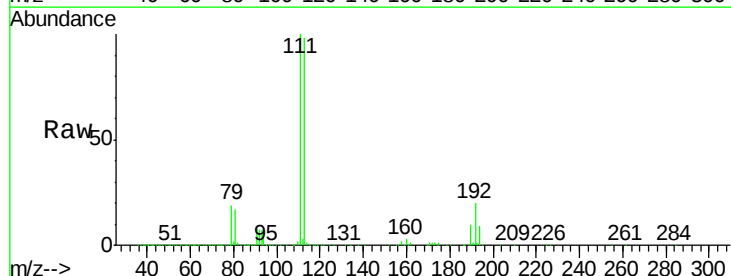
Tgt Ion:113 Resp: 254749

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

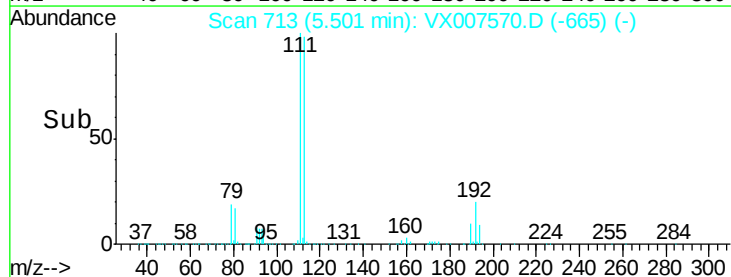
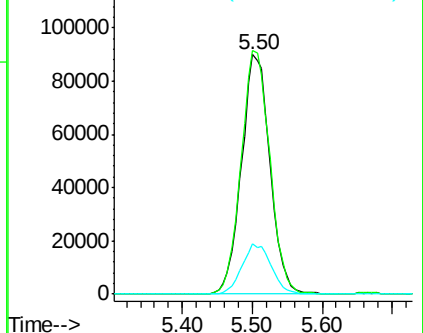
192 21.3 18.5 27.7

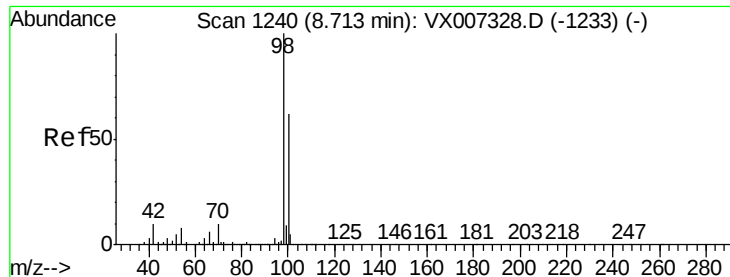


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.898 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007570.D

Acq: 15 Feb 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

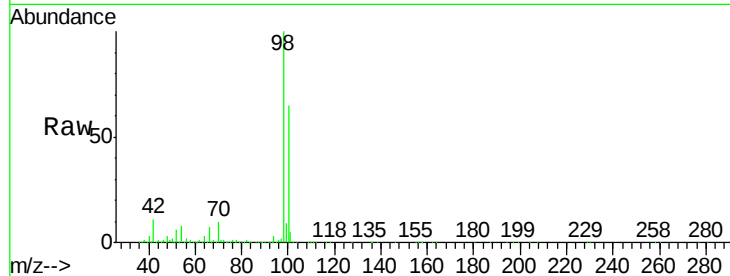
WC-4DL

Tot Ion: 98 Resp: 918312

Ion Ratio Lower Upper

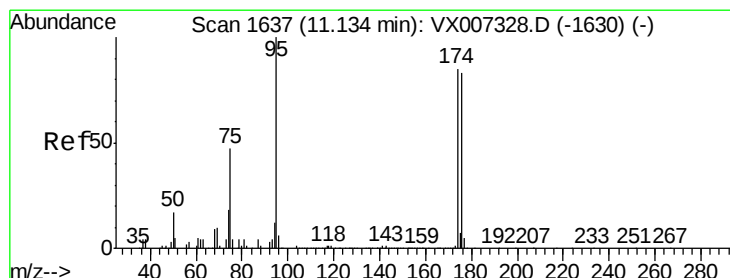
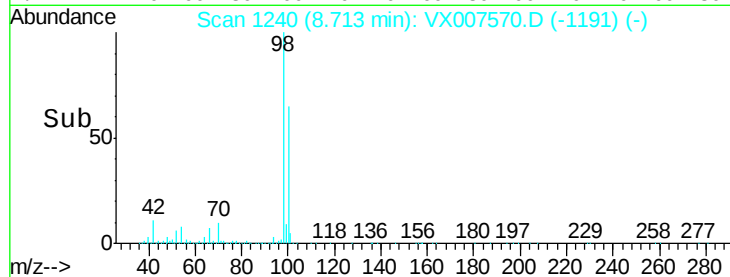
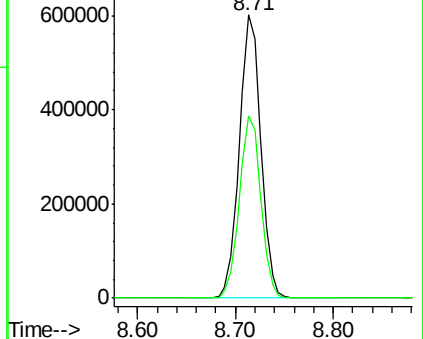
98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 47.344 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007570.D

Acq: 15 Feb 2019 16:11

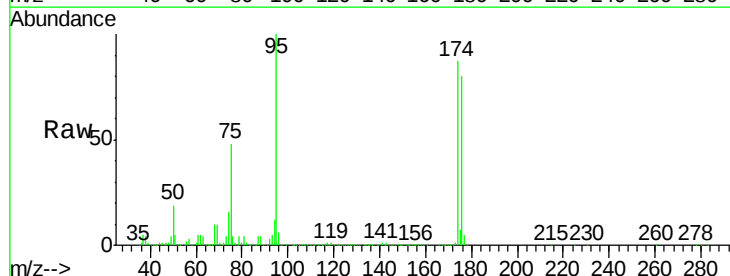
Tgt Ion: 95 Resp: 324621

Ion Ratio Lower Upper

95 100

174 92.0 0.0 189.2

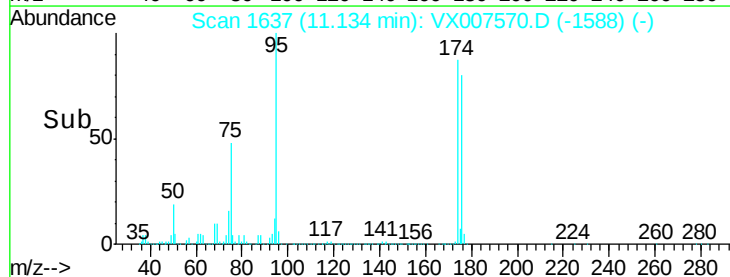
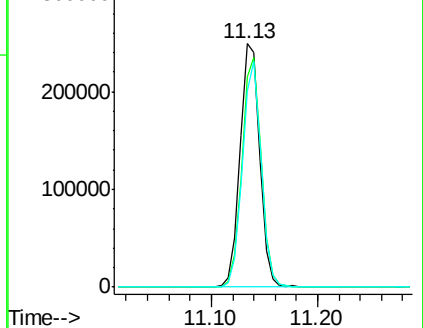
176 88.1 0.0 186.2

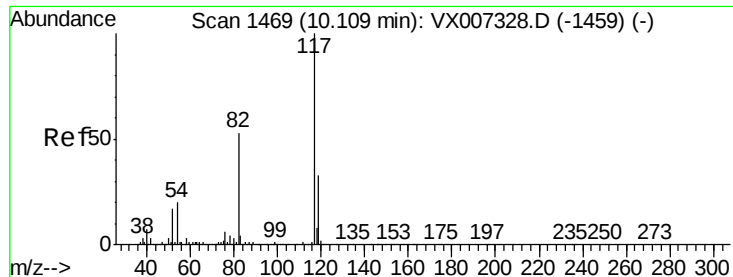


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007570.D

Acq: 15 Feb 2019 16:11

Instrument :

MSVOA_X

ClientSampleId :

WC-4DL

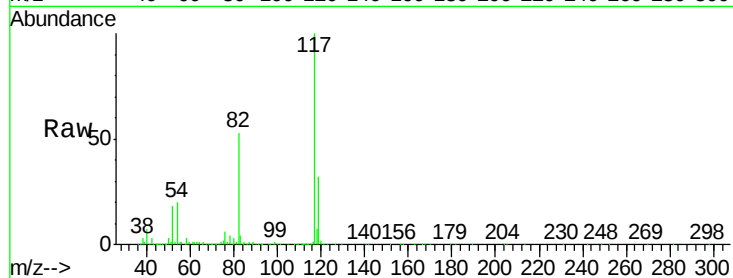
Tot Ion:117 Resp: 720871

Ion Ratio Lower Upper

117 100

82 53.3 42.1 63.1

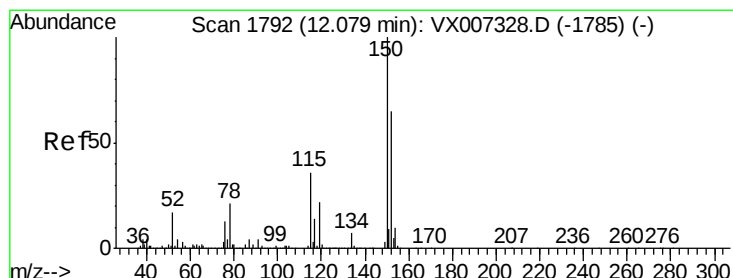
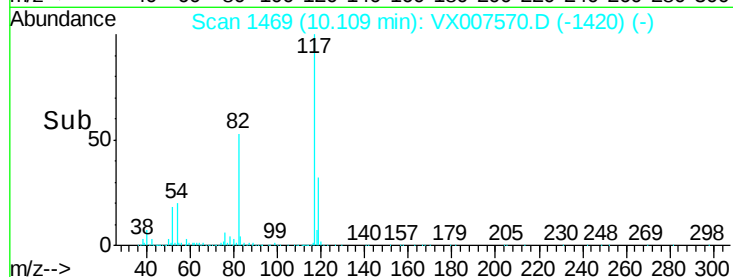
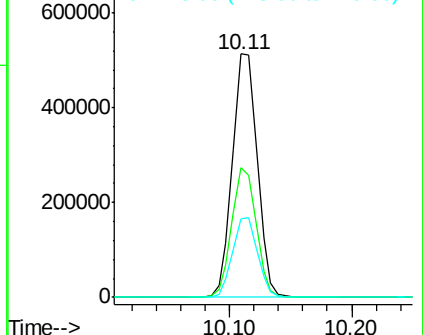
119 32.4 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX007570.D

Acq: 15 Feb 2019 16:11

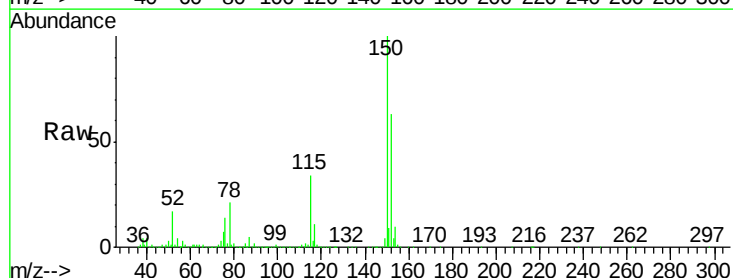
Tgt Ion:152 Resp: 342121

Ion Ratio Lower Upper

152 100

115 54.7 38.0 114.0

150 158.1 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

