

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003035.D
 Acq On : 29 Jun 2018 18:04
 Operator : JC/MD
 Sample : J3695-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LIC-FIELDBLANK-1-06-20-18

Quant Time: Jun 30 09:13:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

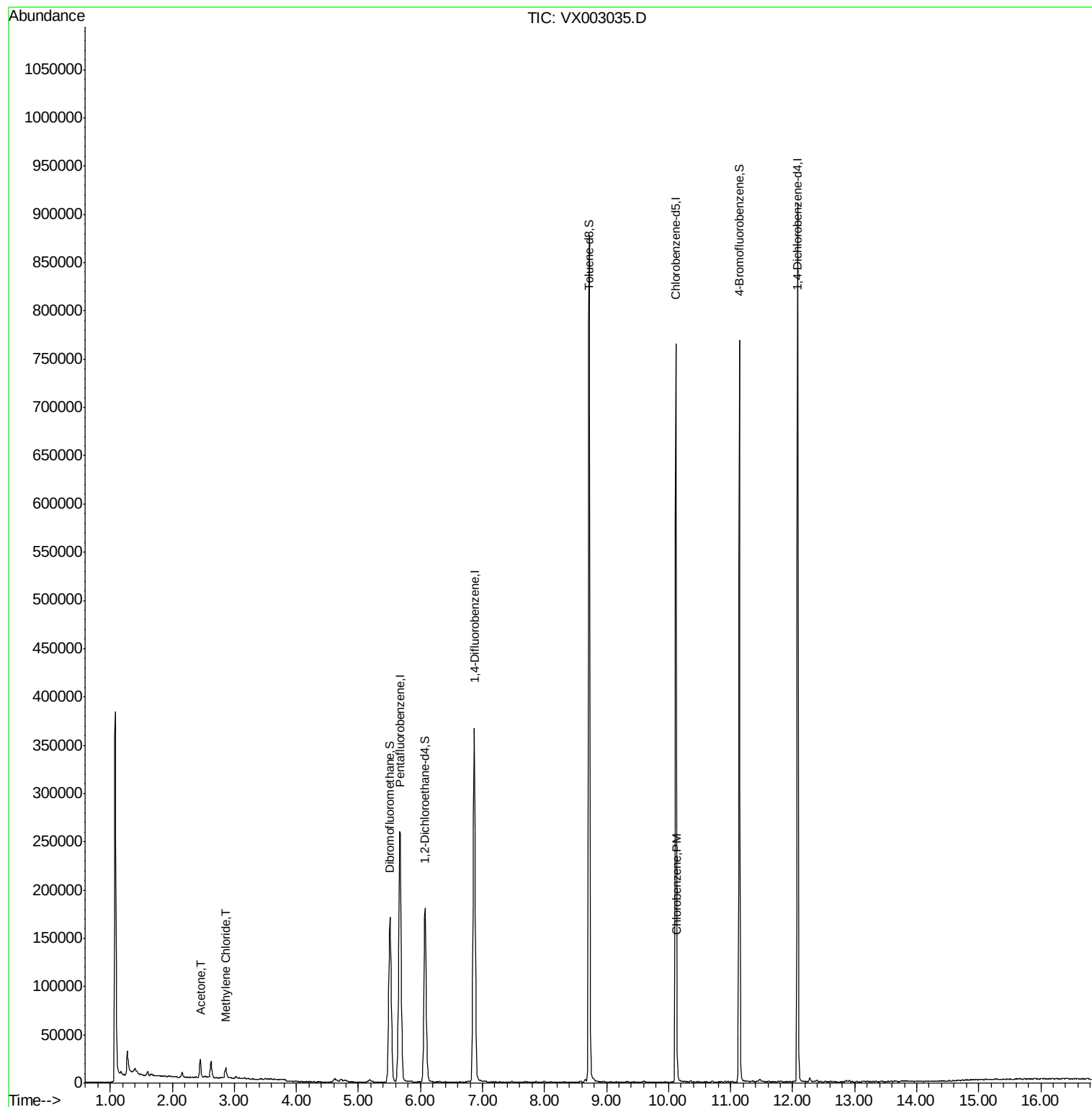
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	368235	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	190219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	173201	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
35) Dibromofluoromethane	5.51	113	139948	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
50) Toluene-d8	8.72	98	516023	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.14	95	179727	43.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.52%	
Target Compounds						
16) Acetone	2.45	43	20712	13.71	ug/l	98
20) Methylene Chloride	2.86	84	4909	1.67	ug/l	92
65) Chlorobenzene	10.14	112	2242	0.26	ug/l	94

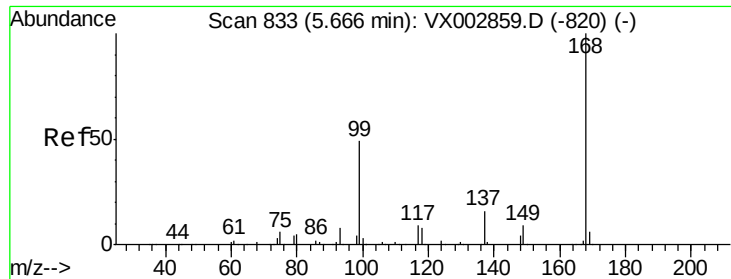
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003035.D

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Instrument :

MSVOA_X

ClientSampleId :

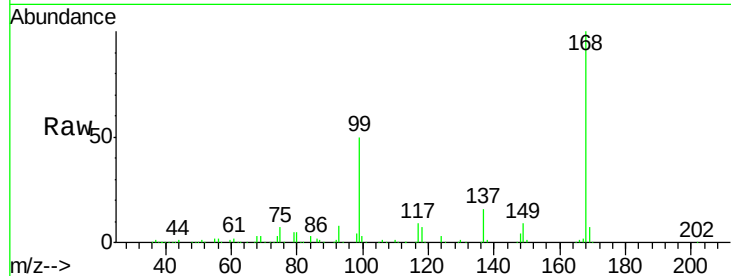
LIC-FIELDBLANK-1-06-20-18

Tot Ion:168 Resp: 263909

Ion Ratio Lower Upper

168 100

99 49.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

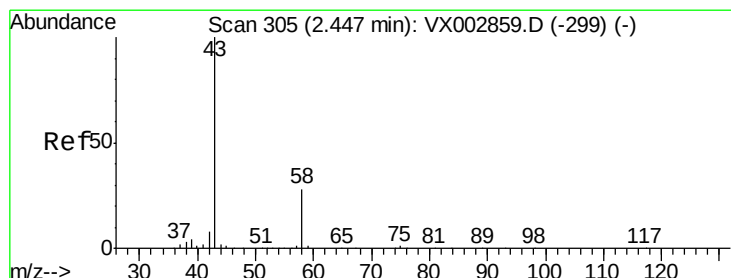
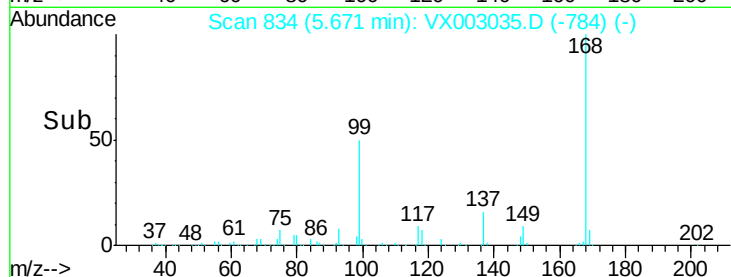
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 13.71 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003035.D

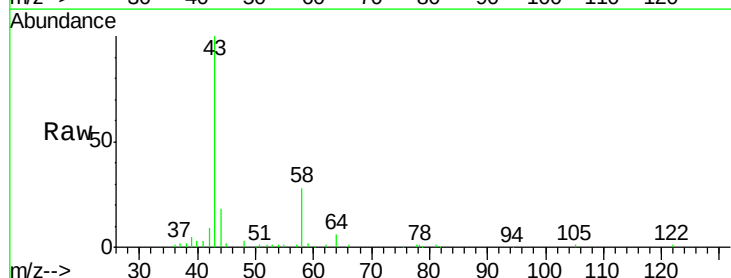
Acq: 29 Jun 2018 18:04

Tgt Ion: 43 Resp: 20712

Ion Ratio Lower Upper

43 100

58 28.5 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

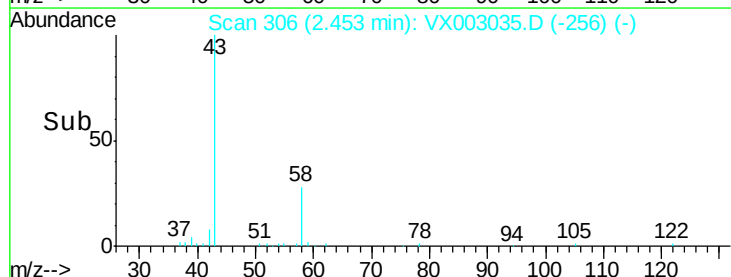
15000

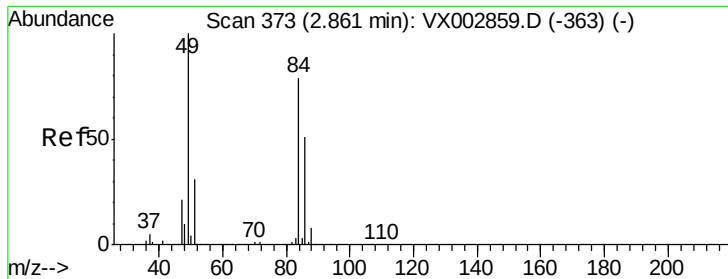
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55





#20

Methylene Chloride

Concen: 1.67 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.00 min

Lab File: VX003035.D

Acq: 29 Jun 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

LIC-FIELDBLANK-1-06-20-18

Tot Ion: 84 Resp: 4909

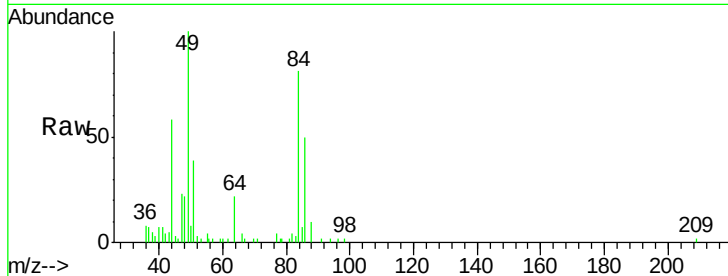
Ion Ratio Lower Upper

84 100

49 123.1 107.8 161.6

51 45.6 32.8 49.2

86 61.1 52.5 78.7

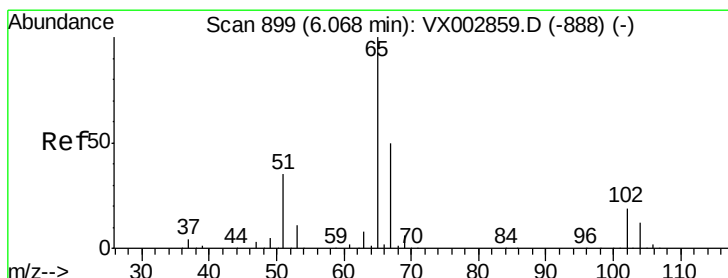
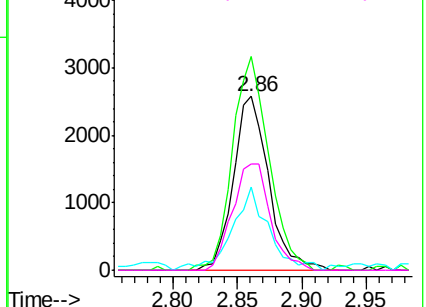
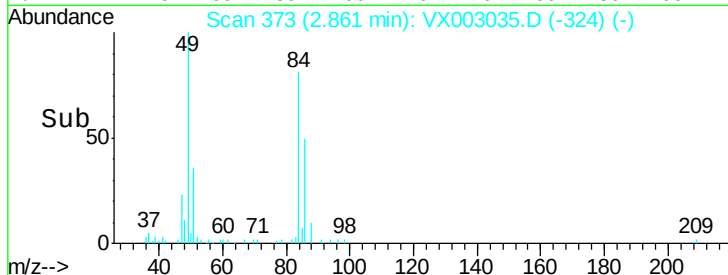


Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 47.48 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003035.D

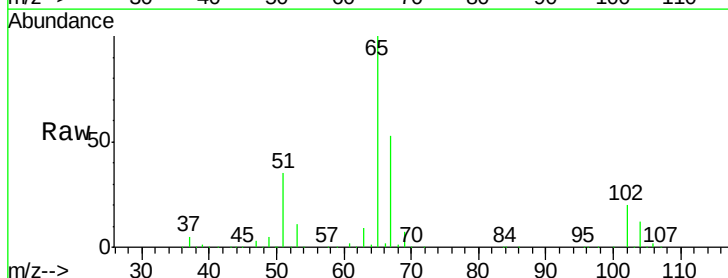
Acq: 29 Jun 2018 18:04

Tgt Ion: 65 Resp: 173201

Ion Ratio Lower Upper

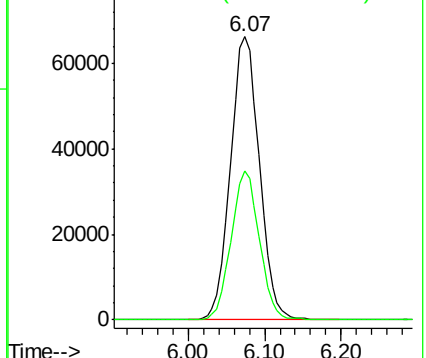
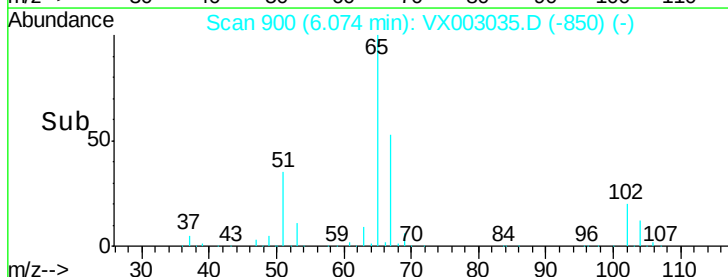
65 100

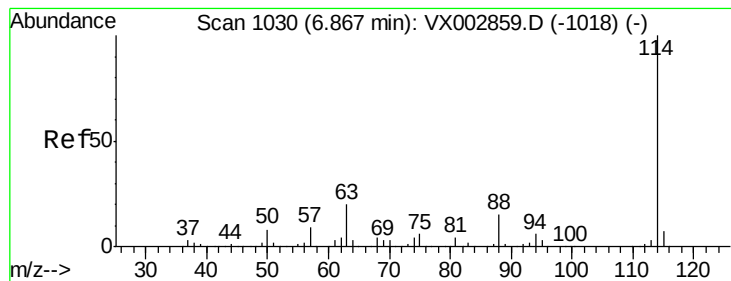
67 51.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003035.D

Acq: 29 Jun 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

LIC-FIELDBLANK-1-06-20-18

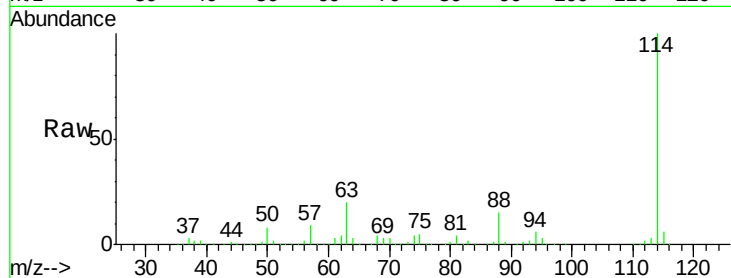
Tot Ion:114 Resp: 368235

Ion Ratio Lower Upper

114 100

63 19.8 0.0 41.4

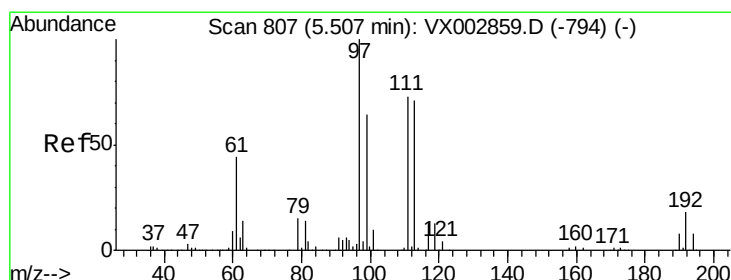
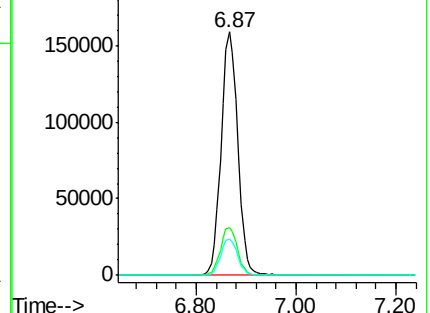
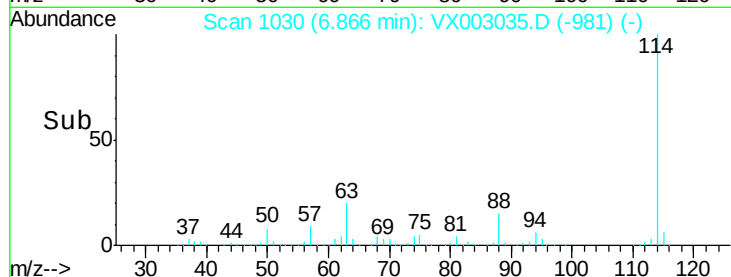
88 15.1 0.0 30.0



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: 47.99 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX003035.D

Acq: 29 Jun 2018 18:04

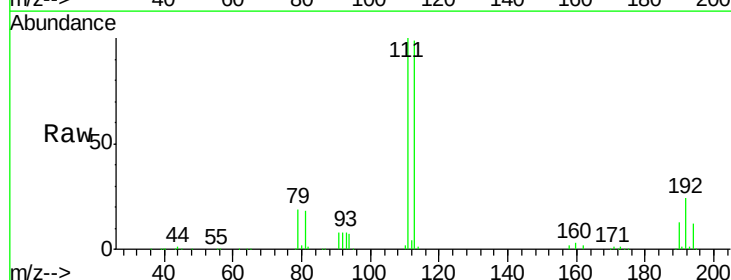
Tgt Ion:113 Resp: 139948

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

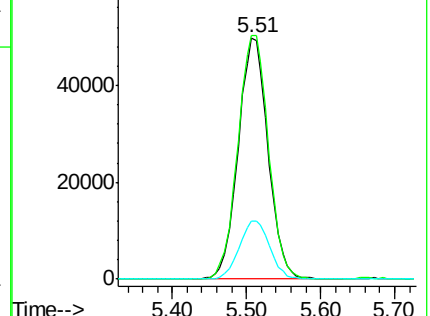
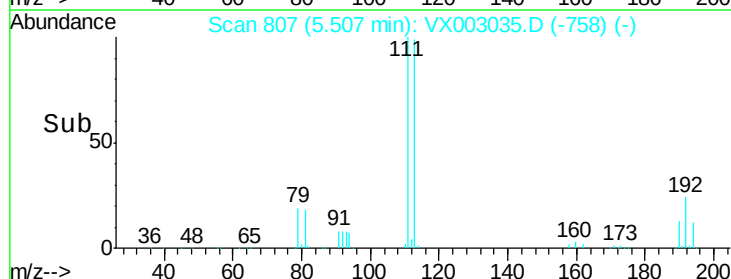
192 24.7 19.1 28.7

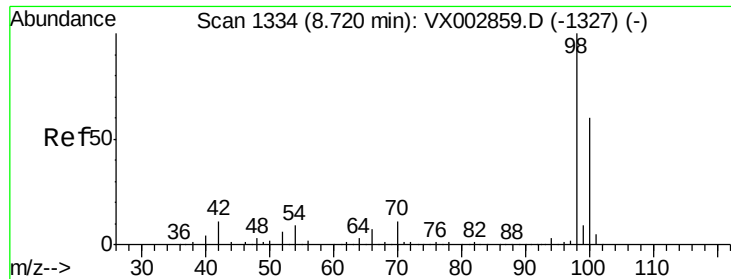


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

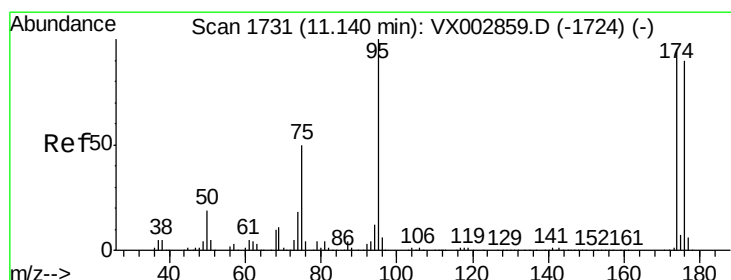
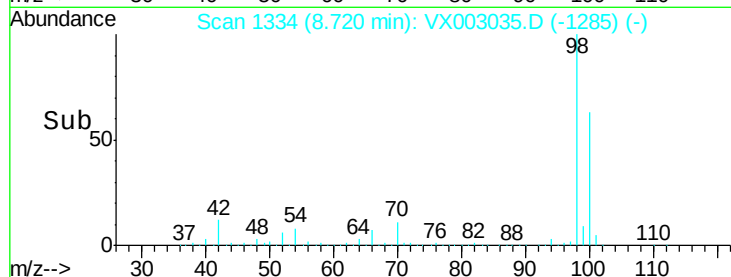
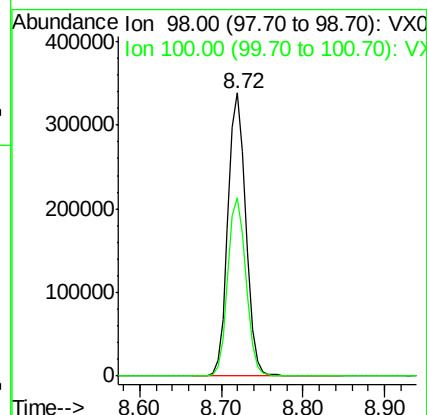
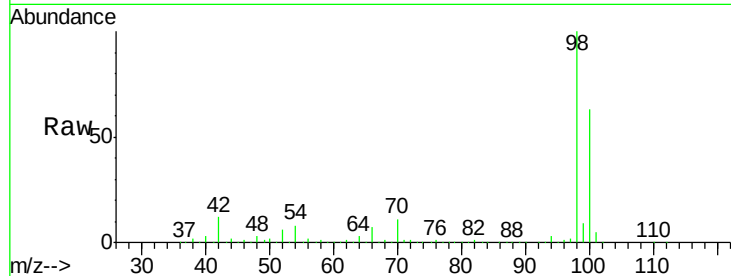




#50
Toluene-d8
Concen: 48.46 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003035.D
Acq: 29 Jun 2018 18:04

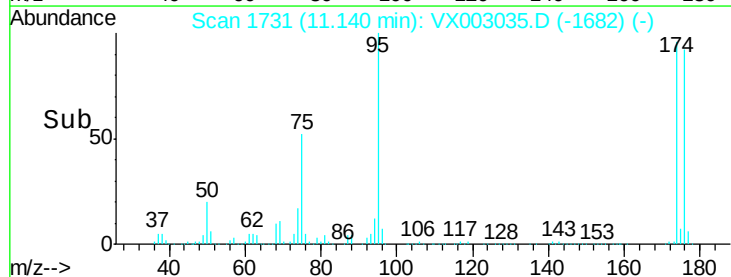
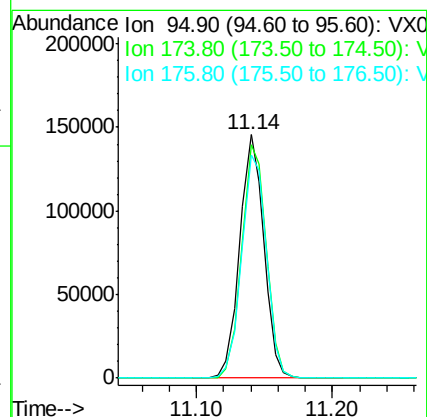
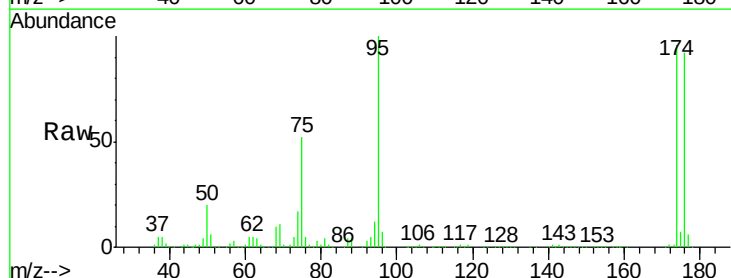
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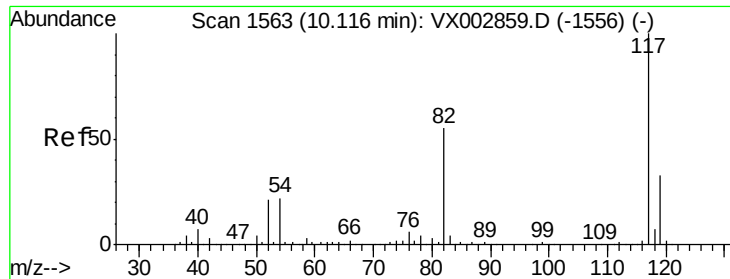
Tot Ion: 98 Resp: 516023
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.76 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003035.D
Acq: 29 Jun 2018 18:04

Tgt Ion: 95 Resp: 179727
Ion Ratio Lower Upper
95 100
174 98.0 0.0 187.4
176 94.4 0.0 181.0

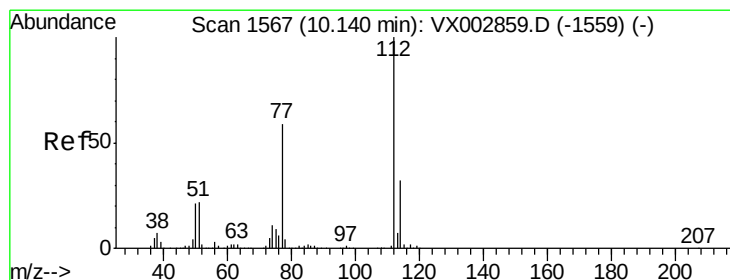
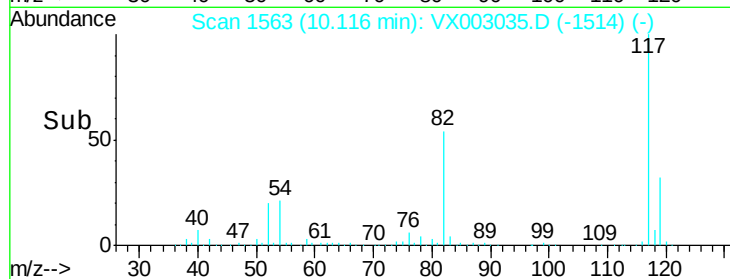
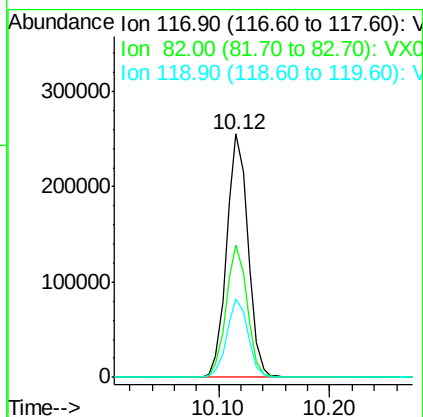
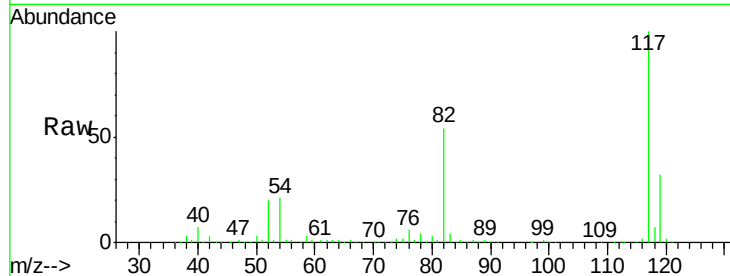




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003035.D
Acq: 29 Jun 2018 18:04

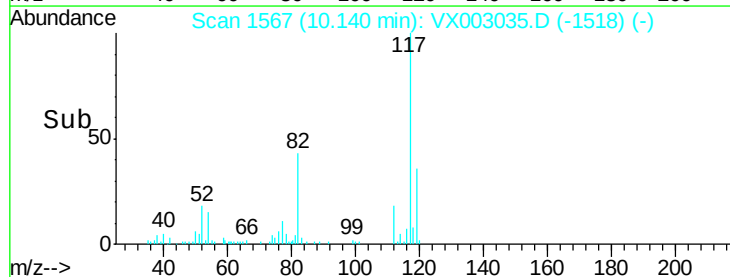
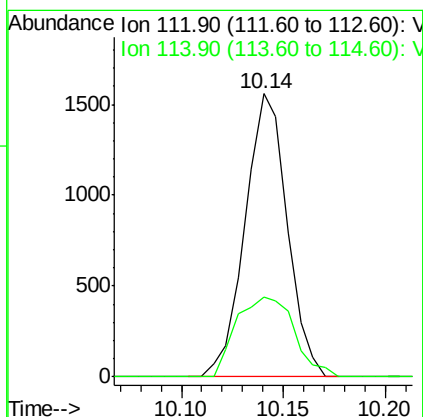
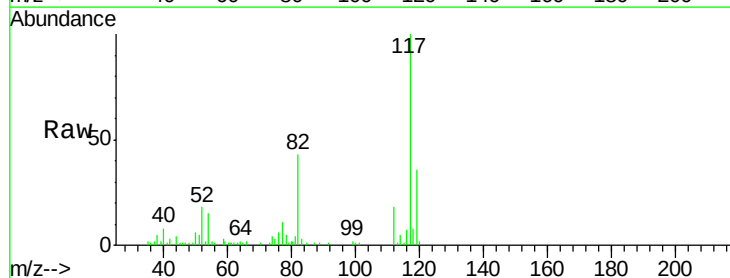
Instrument :
MSVOA_X
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LIC-FIELDBLANK-1-06-20-18

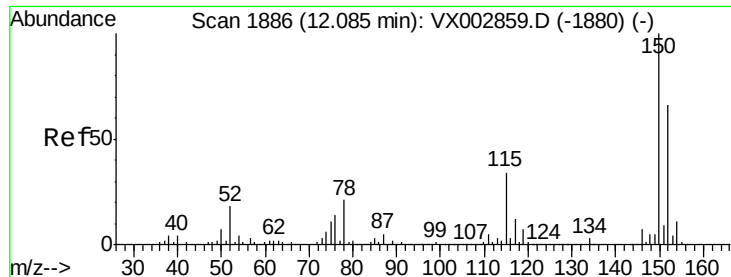
Tot Ion:117 Resp: 339562
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.3 25.8 38.6



#65
Chlorobenzene
Concen: 0.26 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX003035.D
Acq: 29 Jun 2018 18:04

Tgt Ion:112 Resp: 2242
Ion Ratio Lower Upper
112 100
114 28.4 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX003035.D

Acq: 29 Jun 2018 18:04

Instrument :

MSVOA_X

ClientSampleId :

LIC-FIELDBLANK-1-06-20-18

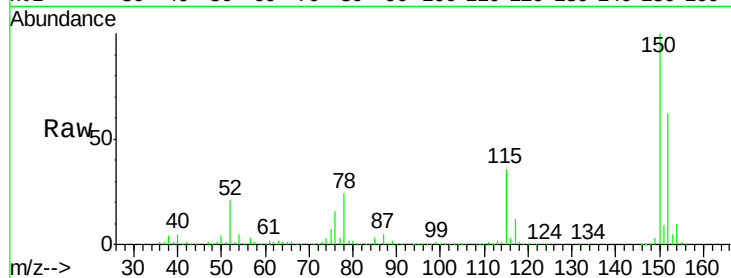
Tot Ion:152 Resp: 190219

Ion Ratio Lower Upper

152 100

115 54.8 40.1 120.2

150 158.6 0.0 347.2



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

