

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062518\
 Data File : VX002885.D
 Acq On : 26 Jun 2018 02:59
 Operator : JC/MD
 Sample : J3705-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 W-20

Quant Time: Jun 27 07:40:26 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	254621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353915	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191190	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	170783	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
35) Dibromofluoromethane	5.51	113	138140	49.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.58%	
50) Toluene-d8	8.72	98	500567	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.14	95	179930	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	

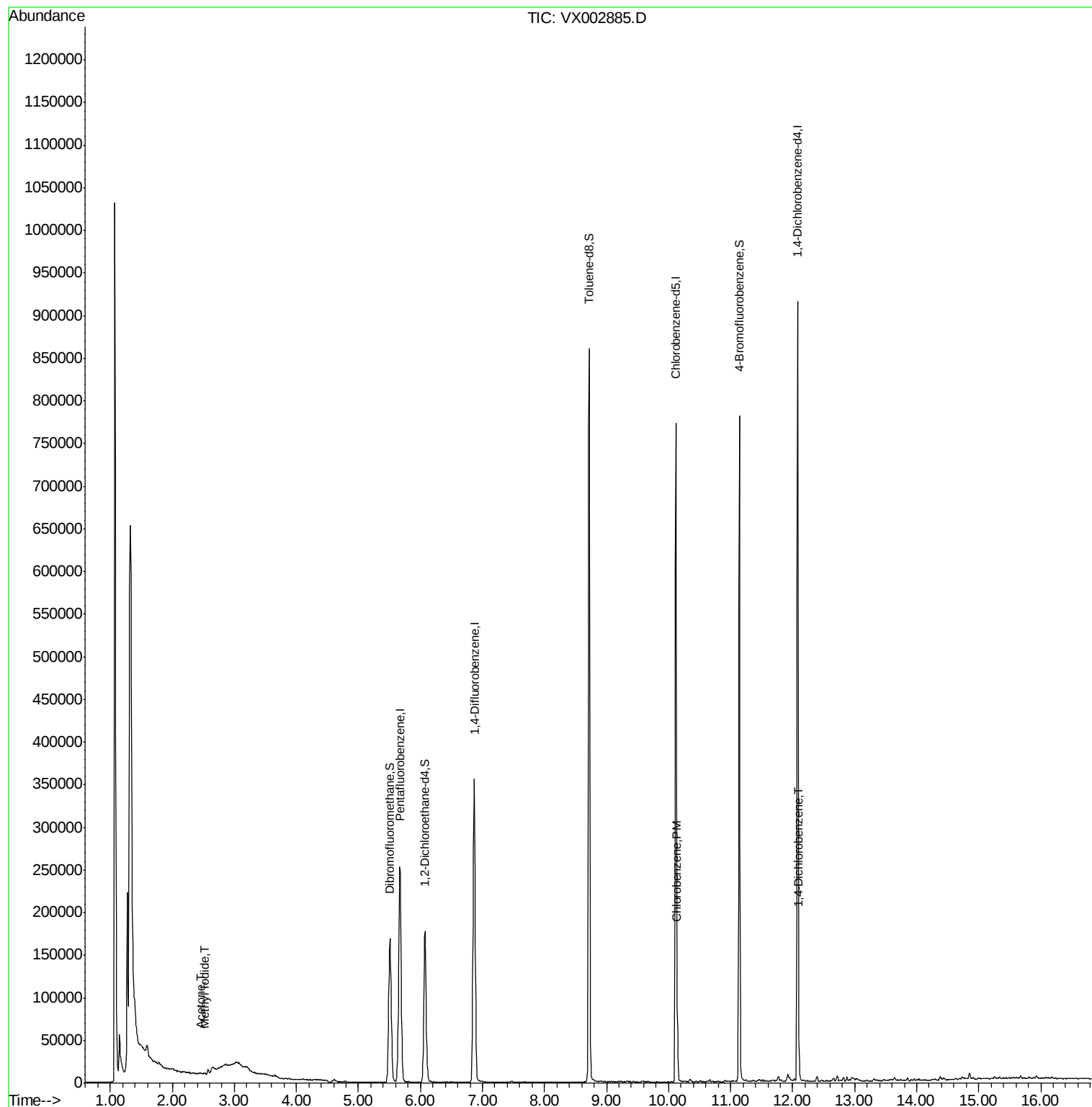
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	1515	6.69	ug/l #	87
16) Acetone	2.45	43	1164	0.80	ug/l	92
65) Chlorobenzene	10.14	112	27825	3.30	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	9119	1.32	ug/l #	77

(#) = 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# 833

Delta R.T. -0.00 min

Lab File: VX002885.D

Acq: 26 Jun 2018 02:59

Instrument :

MSVOA_X

ClientSampleId :

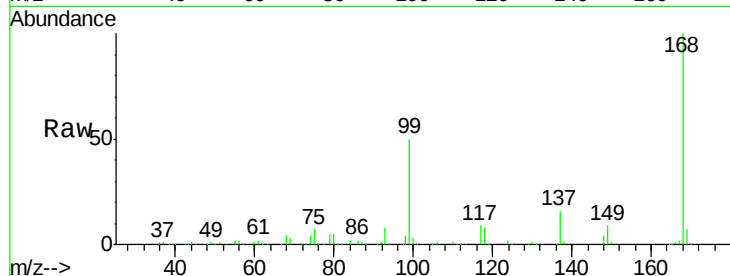
W-20

Tot Ion:168 Resp: 254621

Ion Ratio Lower Upper

168 100

99 49.8 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

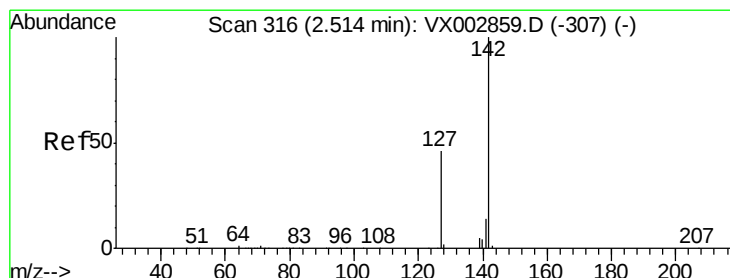
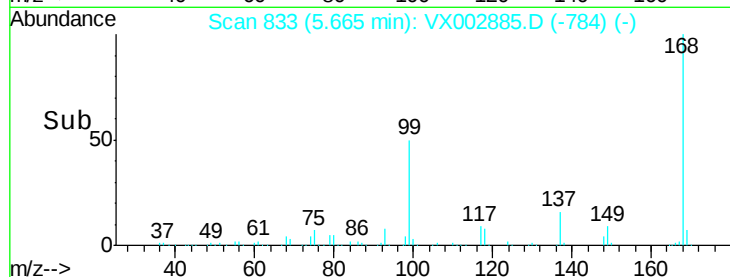
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.69 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002885.D

Acq: 26 Jun 2018 02:59

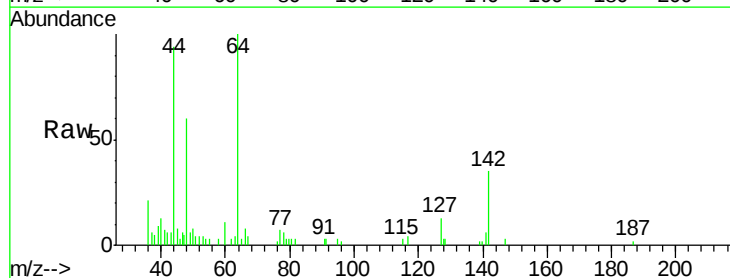
Tgt Ion:142 Resp: 1515

Ion Ratio Lower Upper

142 100

127 53.1 36.6 55.0

141 21.8 11.3 16.9#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

2.52

1000

800

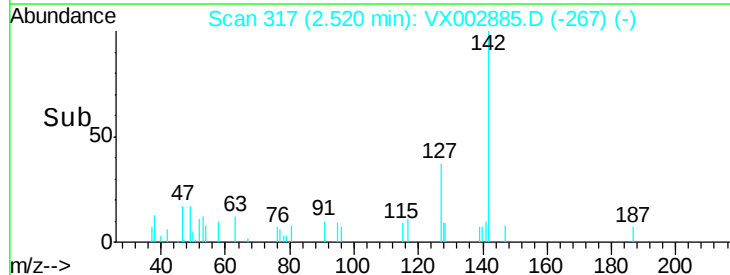
600

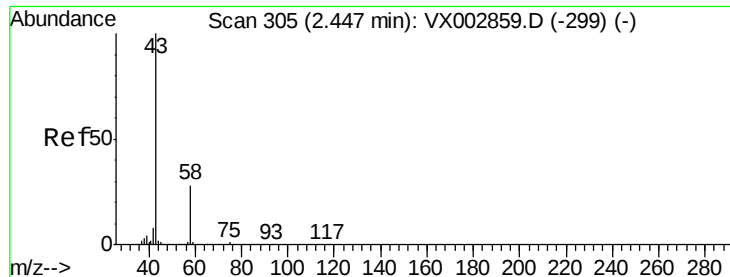
400

200

0

Time--> 2.45 2.50 2.55





#16

Acetone

Concen: 0.80 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX002885.D

Acq: 26 Jun 2018 02:59

Instrument :

MSVOA_X

ClientSampleId :

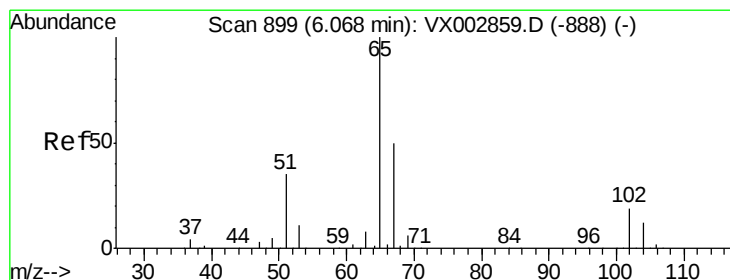
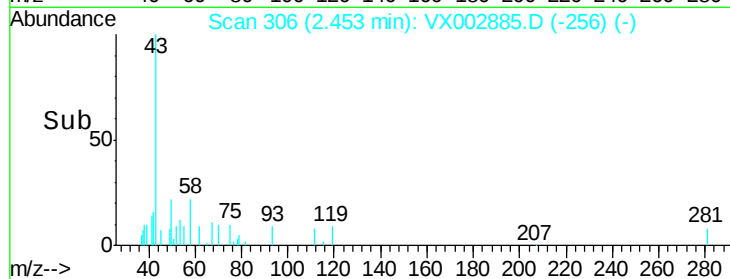
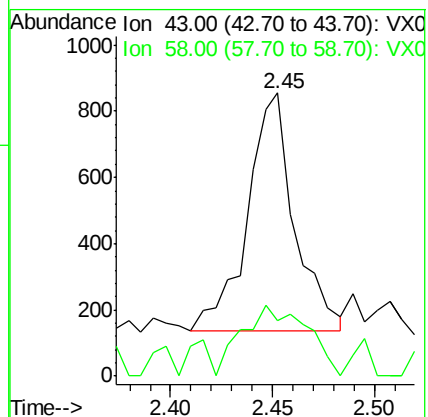
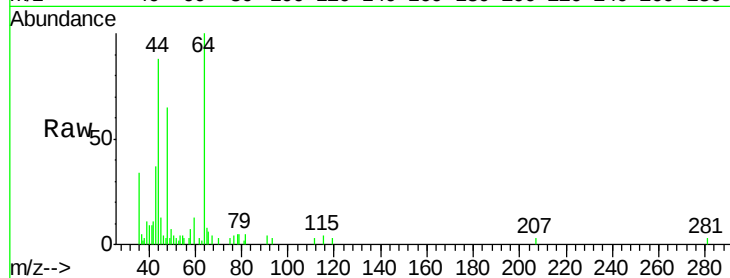
W-20

Tot Ion: 43 Resp: 1164

Ion Ratio Lower Upper

43 100

58 23.5 22.1 33.1



#33

1,2-Dichloroethane-d4

Concen: 48.53 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX002885.D

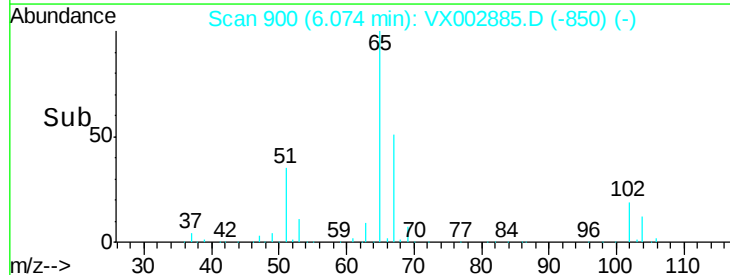
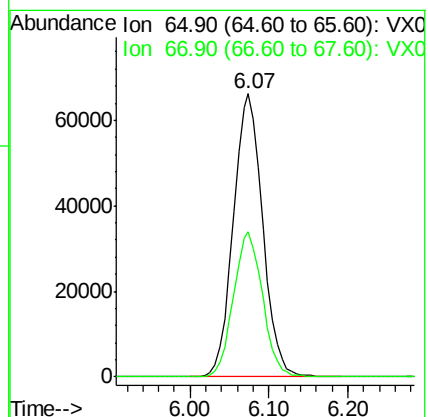
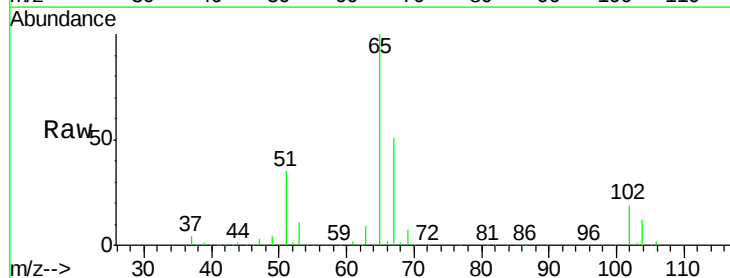
Acq: 26 Jun 2018 02:59

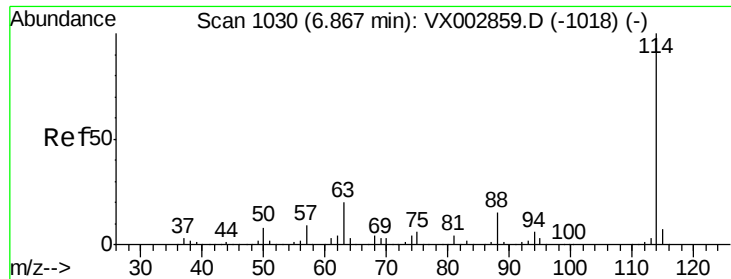
Tgt Ion: 65 Resp: 170783

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6

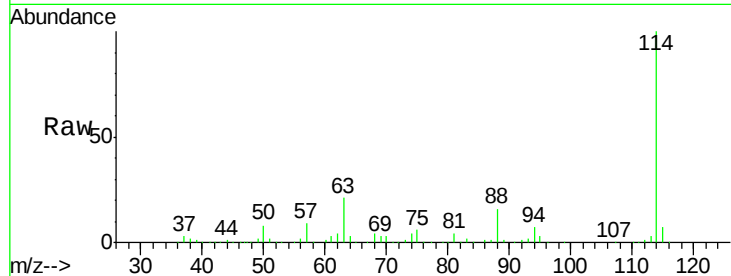




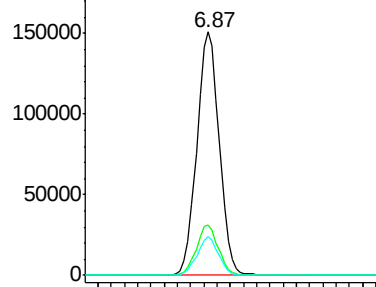
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002885.D
 Acq: 26 Jun 2018 02:59

Instrument :
 MSVOA_X
 ClientSampleId :
 W-20

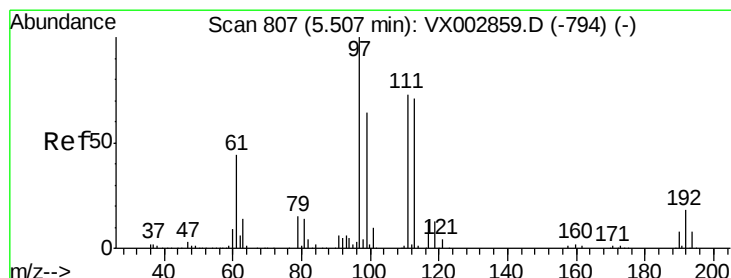
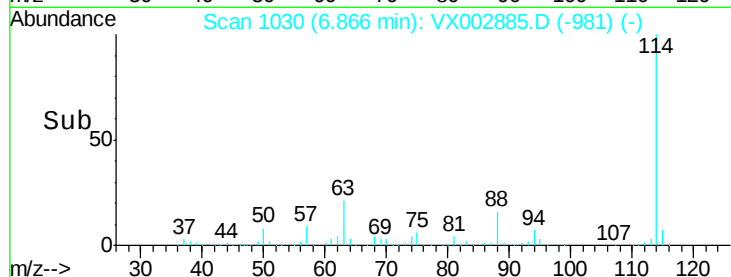
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	15.7	0.0	30.0



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

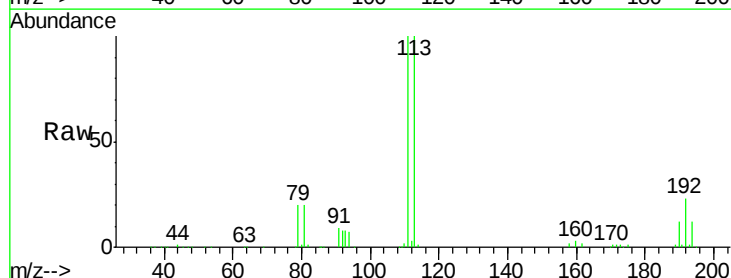


Time--> 6.70 6.80 6.90 7.00 7.10

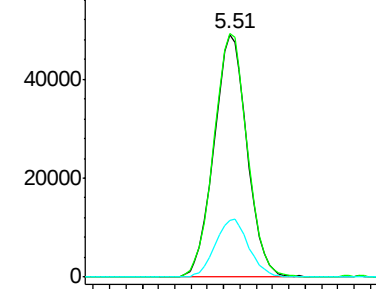


#35
 Dibromofluoromethane
 Concen: 49.29 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.00 min
 Lab File: VX002885.D
 Acq: 26 Jun 2018 02:59

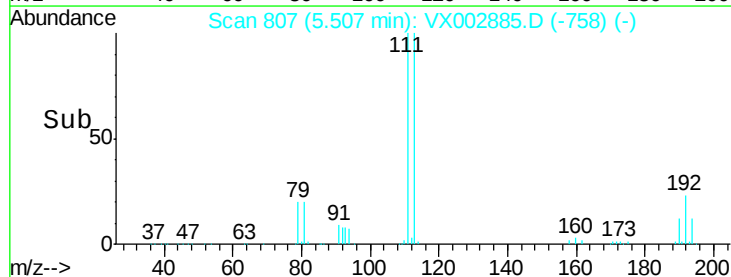
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.4	122.0
192	24.2	19.1	28.7

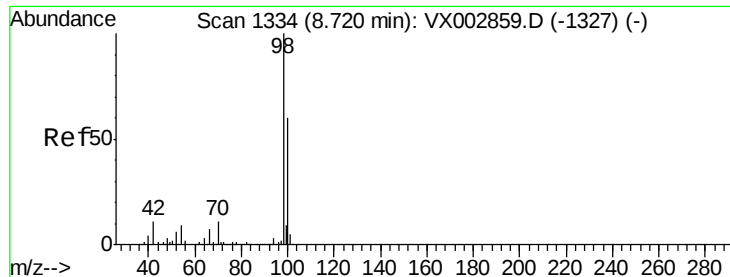


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V



Time--> 5.40 5.50 5.60





#50

Toluene-d8

Concen: 48.91 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002885.D

Acq: 26 Jun 2018 02:59

Instrument :

MSVOA_X

ClientSampleId :

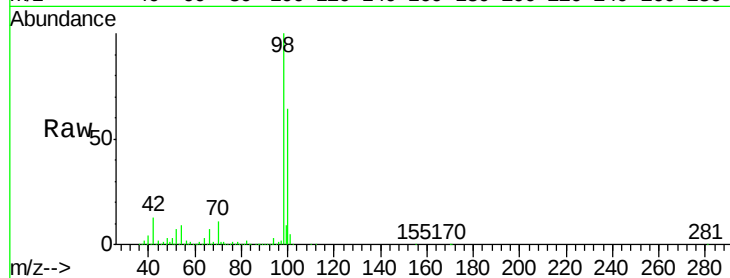
W-20

Tot Ion: 98 Resp: 500567

Ion Ratio Lower Upper

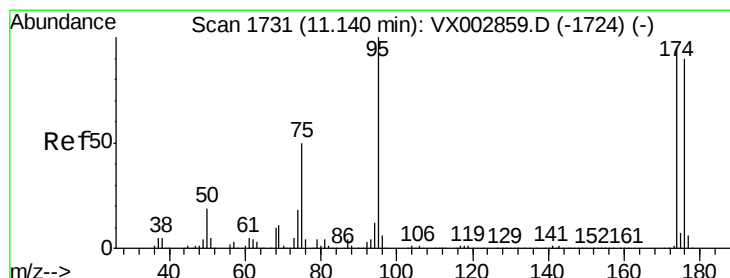
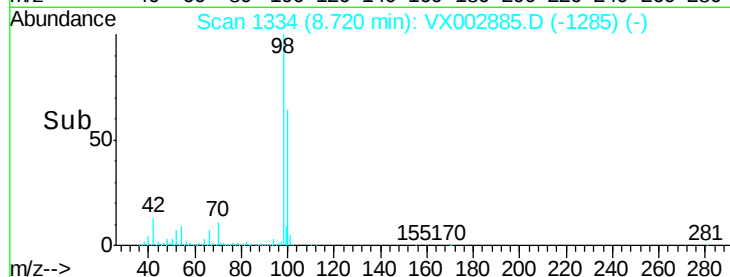
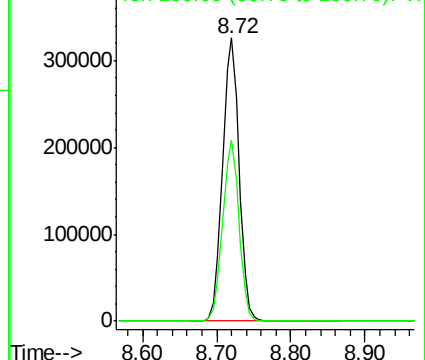
98 100

100 63.3 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 45.59 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002885.D

Acq: 26 Jun 2018 02:59

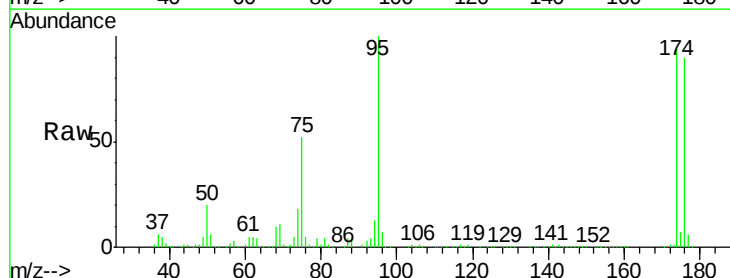
Tgt Ion: 95 Resp: 179930

Ion Ratio Lower Upper

95 100

174 97.2 0.0 187.4

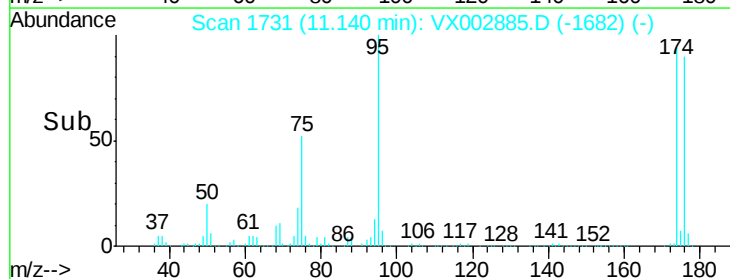
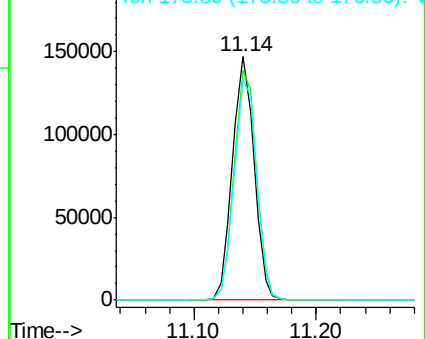
176 94.3 0.0 181.0

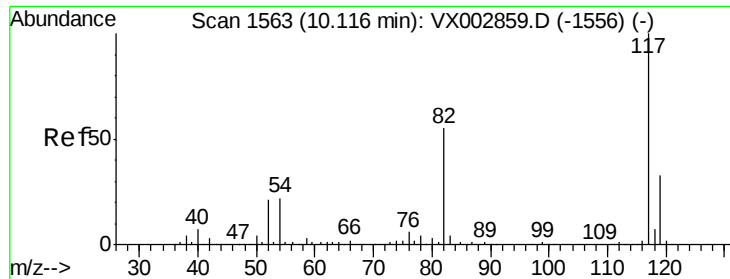


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002885.D

Acq: 26 Jun 2018 02:59

Instrument :

MSVOA_X

ClientSampleId :

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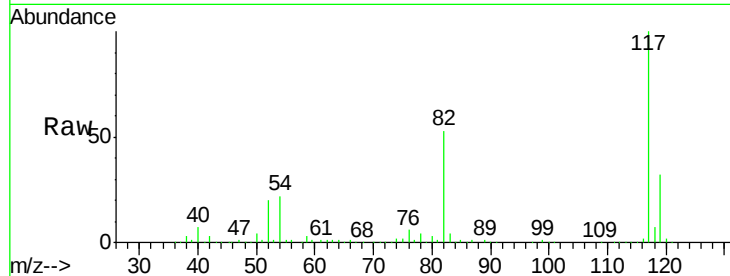
Tot Ion:117 Resp: 331751

Ion Ratio Lower Upper

117 100

82 52.8 45.0 67.4

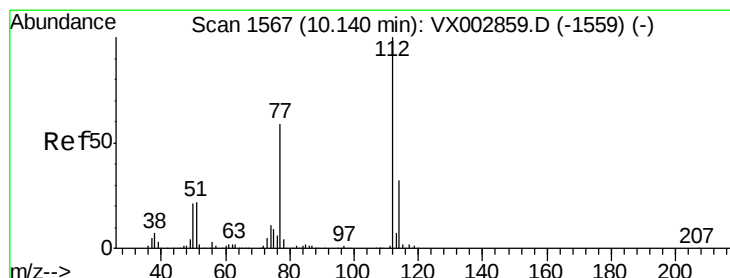
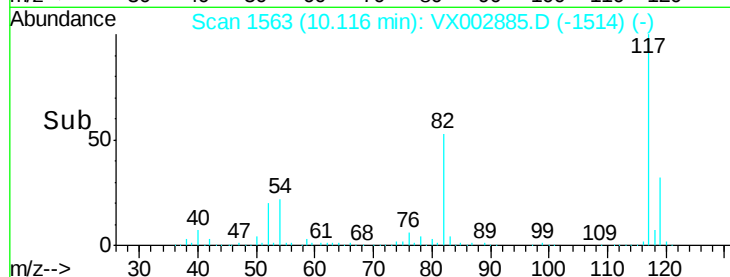
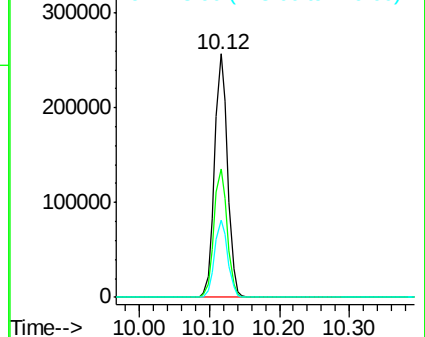
119 31.9 25.8 38.6



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



#65

Chlorobenzene

Concen: 3.30 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002885.D

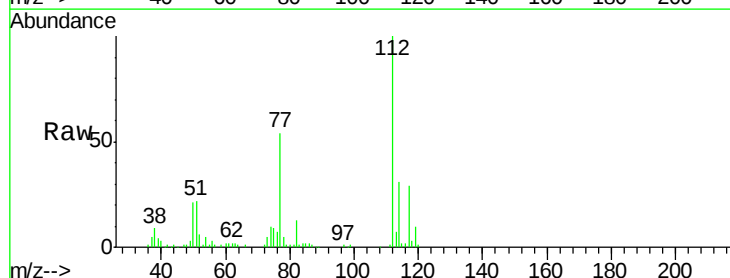
Acq: 26 Jun 2018 02:59

Tgt Ion:112 Resp: 27825

Ion Ratio Lower Upper

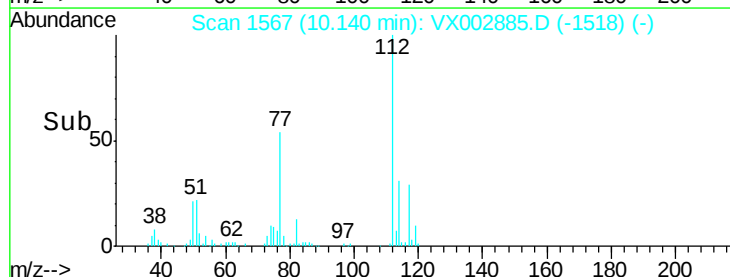
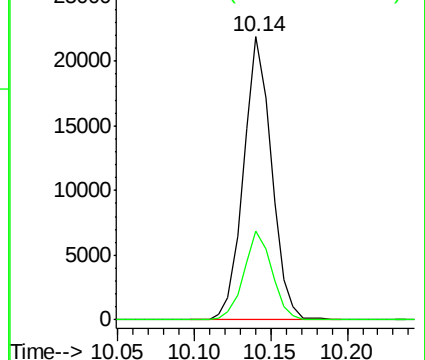
112 100

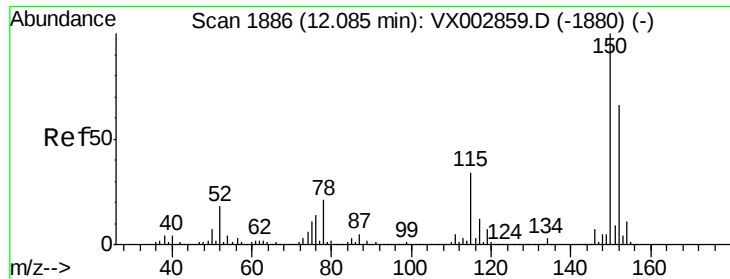
114 31.3 25.3 37.9



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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX002885.D

Acq: 26 Jun 2018 02:59

Instrument :

MSVOA_X

ClientSampleId :

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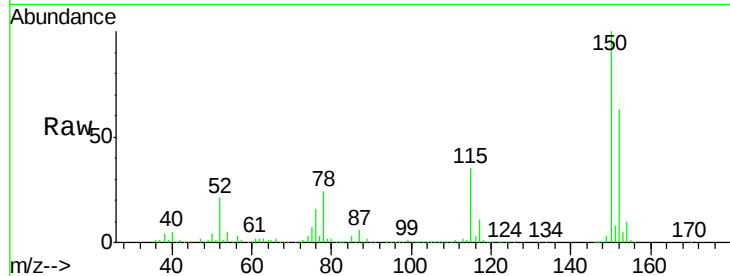
Tot Ion:152 Resp: 191190

Ion Ratio Lower Upper

152 100

115 55.5 40.1 120.2

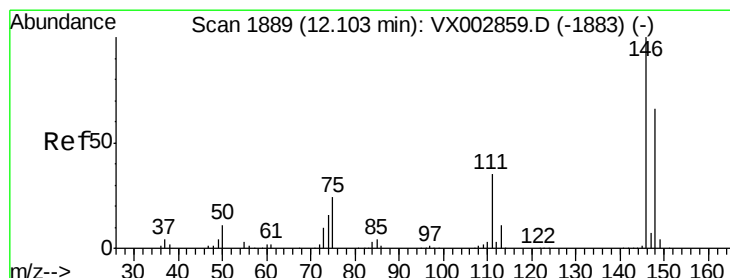
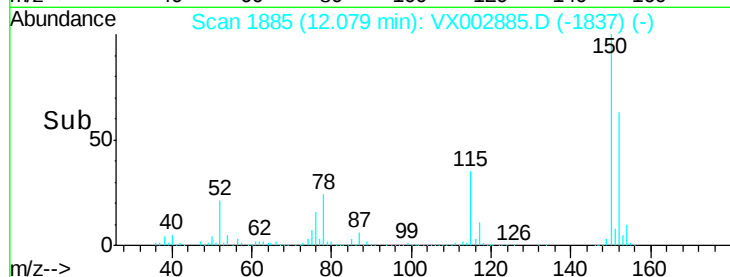
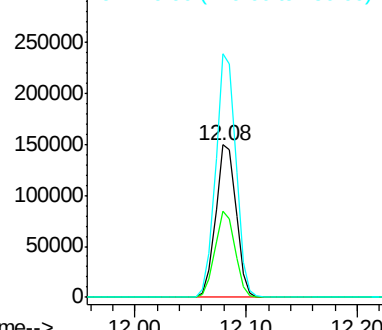
150 157.9 0.0 347.2



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



#88

1,4-Dichlorobenzene

Concen: 1.32 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VX002885.D

Acq: 26 Jun 2018 02:59

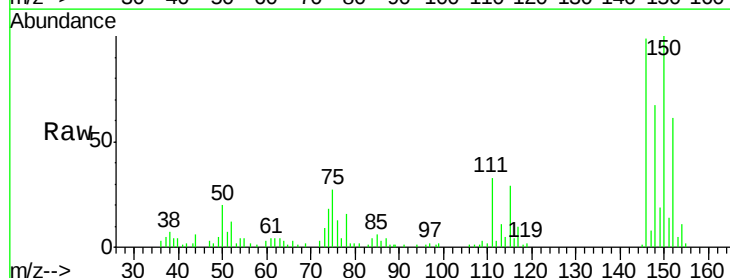
Tgt Ion:146 Resp: 9119

Ion Ratio Lower Upper

146 100

111 63.0 18.7 56.1#

148 73.7 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

