

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003260.D
 Acq On : 09 Jul 2018 22:44
 Operator : JC/MD
 Sample : J3762-08 LOO 10PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Manual Integrations
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Quant Time: Jul 10 11:22:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242766	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	309480	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	203537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193026	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
35) Dibromofluoromethane	5.51	113	160535	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
50) Toluene-d8	8.72	98	590568	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.14	95	220604	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
Target Compounds						
10) Methyl Iodide	2.51	142	25305	12.43	ug/l	97
11) Tert butyl alcohol	3.09	59	38972	56.26	ug/l	97
13) Acrolein	2.29	56	30768	55.12	ug/l	97

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

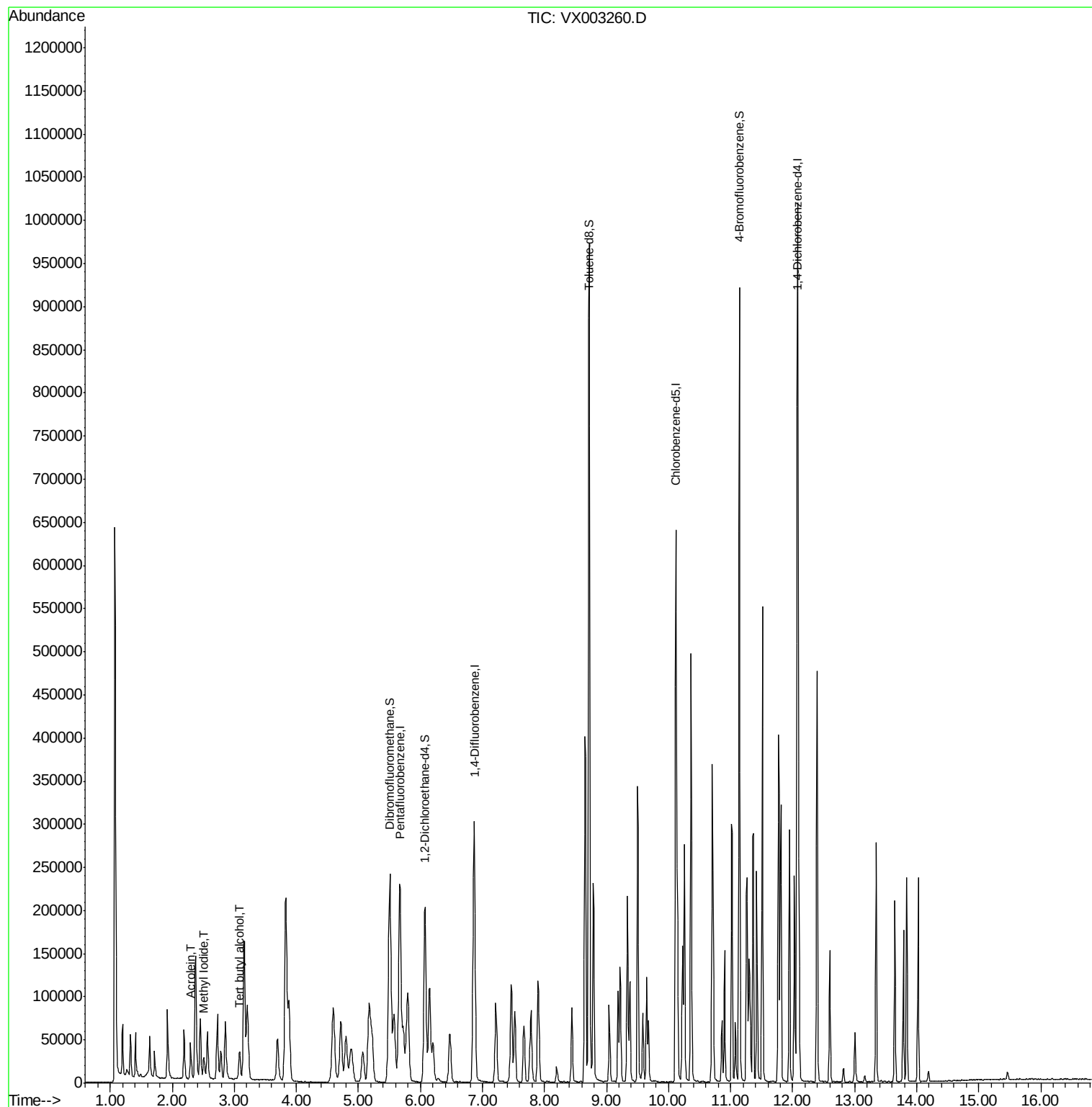
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX070918\
Data File : VX003260.D
Acq On : 09 Jul 2018 22:44
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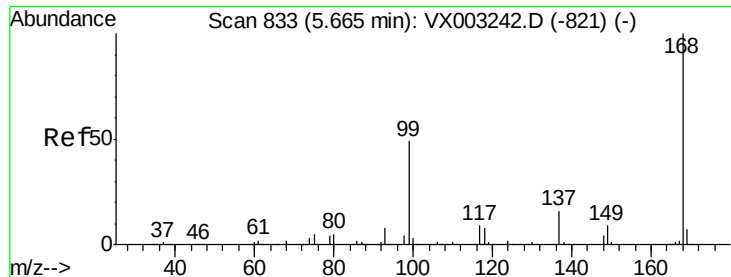
Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

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Quant Time: Jul 10 11:22:02 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:168 Resp: 242766

Ion Ratio Lower Upper

168 100

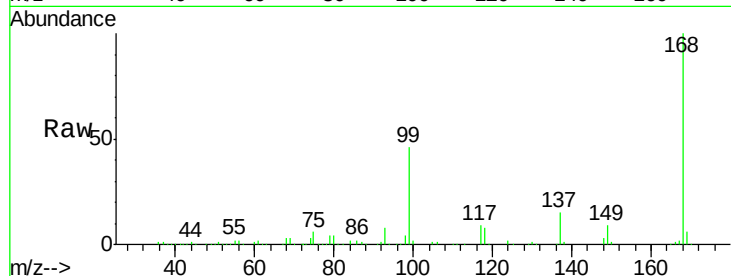
99 46.3 39.3 58.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

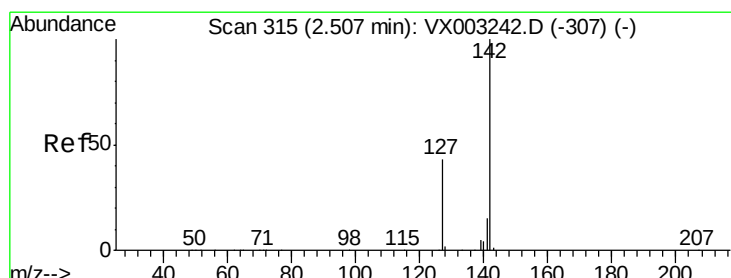
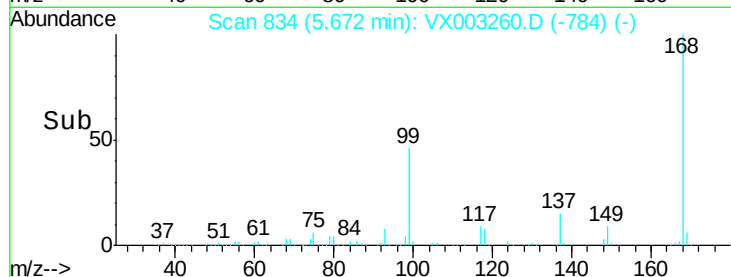
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 12.43 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

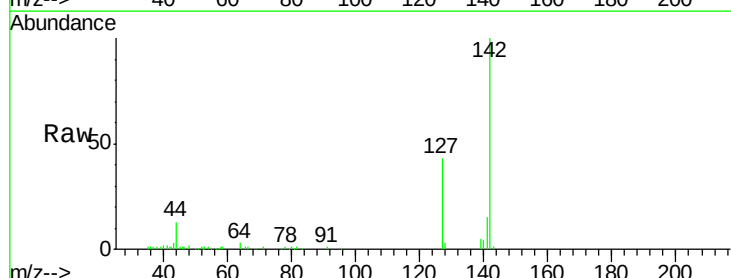
Tgt Ion:142 Resp: 25305

Ion Ratio Lower Upper

142 100

127 43.8 36.6 55.0

141 15.0 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

2.51

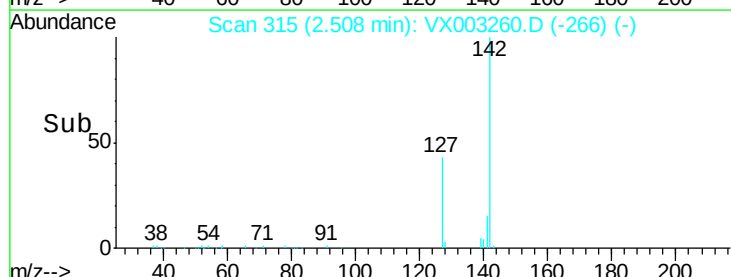
15000

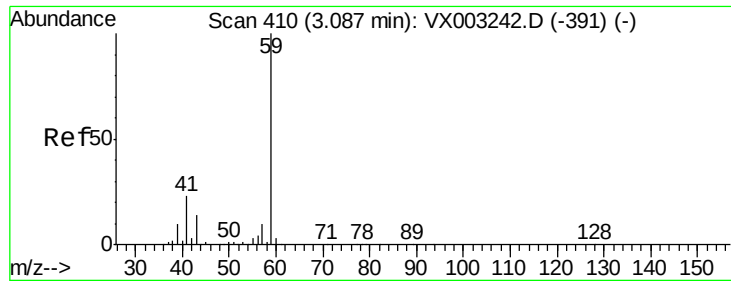
10000

5000

0

Time--> 2.45 2.50 2.55 2.60





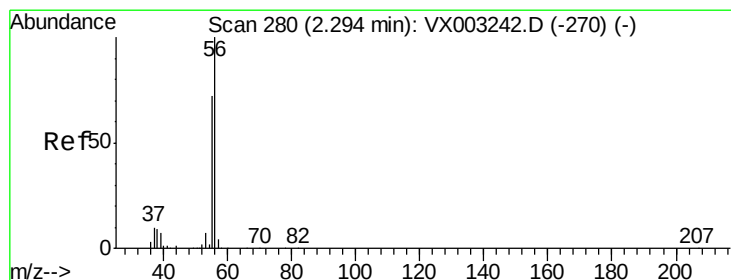
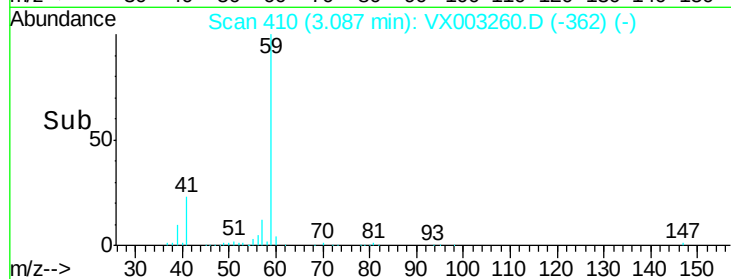
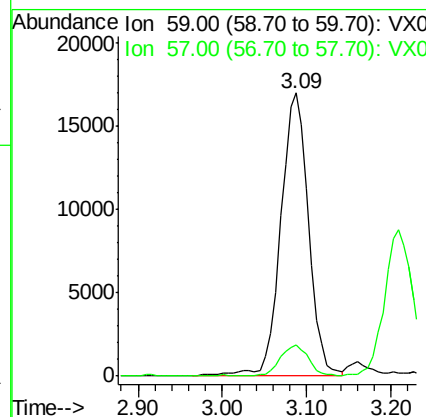
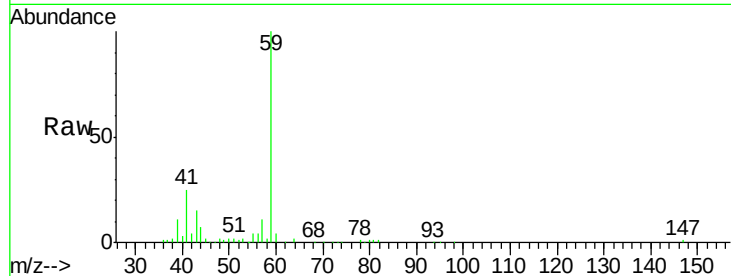
#11
Tert butyl alcohol
Concen: 56.26 ug/l
RT: 3.09 min Scan# 410
Delta R.T. -0.01 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Instrument :
MSVOA_X
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tot Ion	59	Resp	38972
Ion Ratio	100	Lower	Upper
57	11.3	8.2	12.2

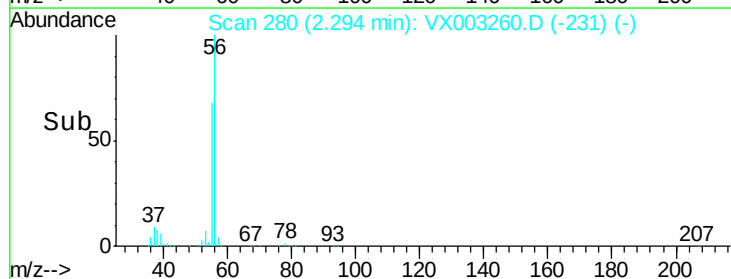
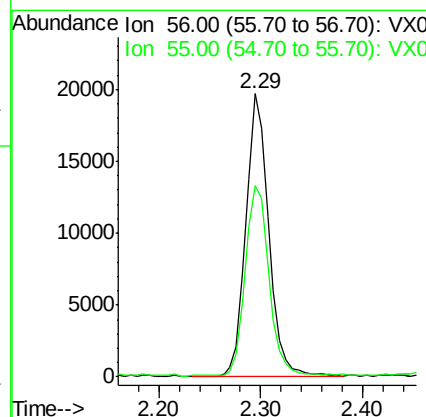
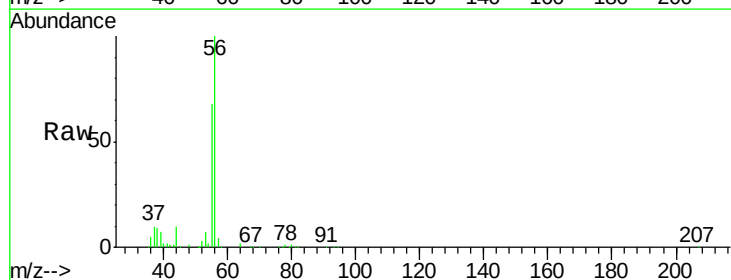
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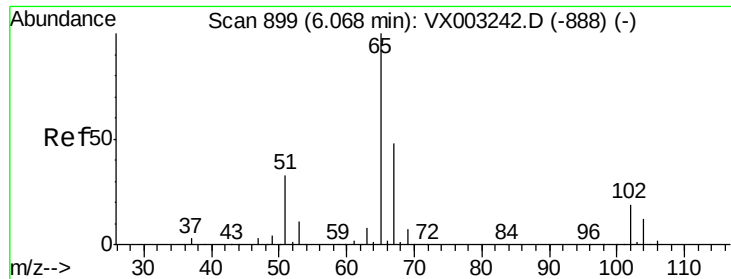
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#13
Acrolein
Concen: 55.12 ug/l
RT: 2.29 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX003260.D
Acq: 09 Jul 2018 22:44

Tgt Ion	56	Resp	30768
Ion Ratio	100	Lower	Upper
55	68.7	57.0	85.4





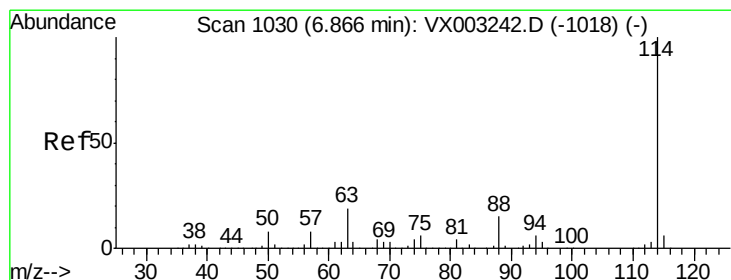
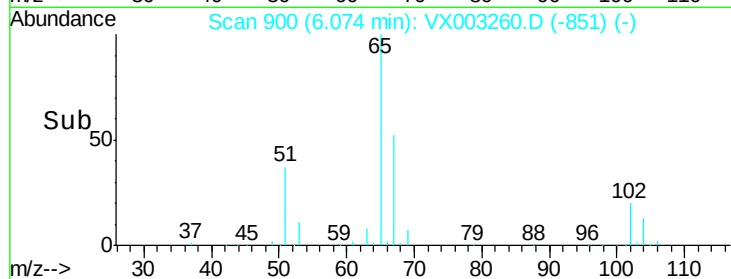
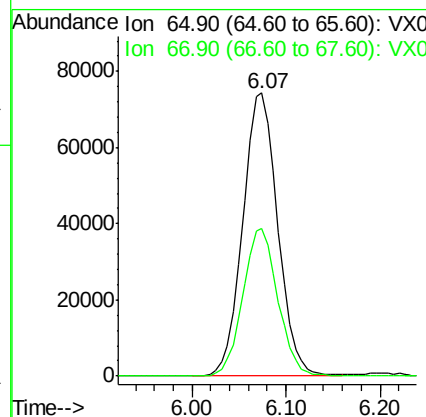
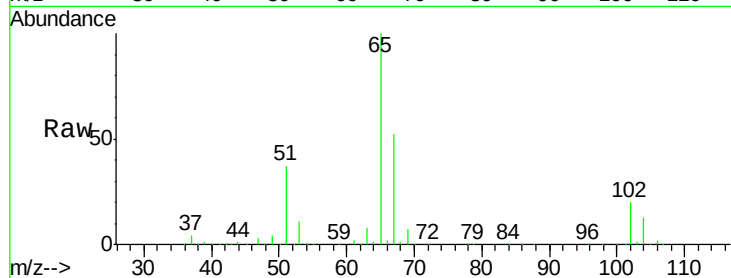
#33
 1,2-Dichloroethane-d4
 Concen: 50.52 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Instrument :
 MSVOA_X
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	102.6

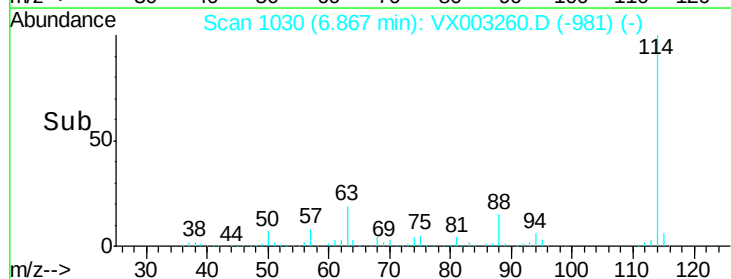
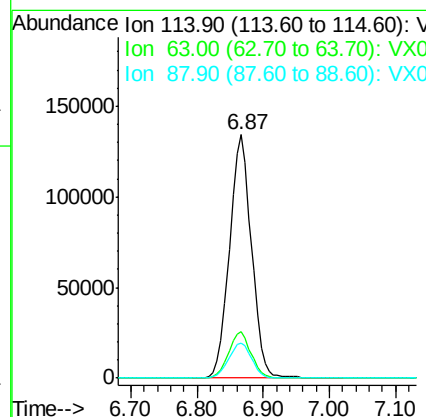
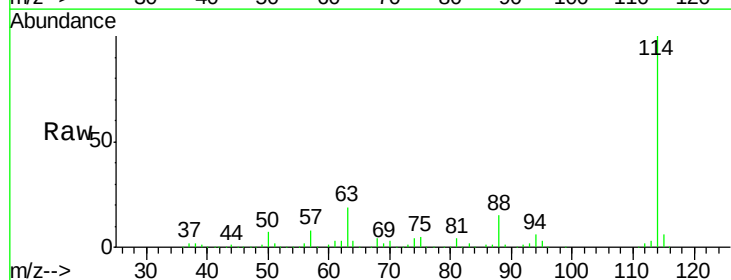
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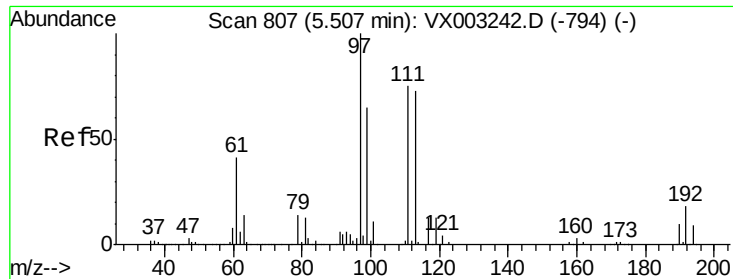
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003260.D
 Acq: 09 Jul 2018 22:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.4
88	14.6	0.0	30.0





#35

Dibromofluoromethane

Concen: 48.28 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

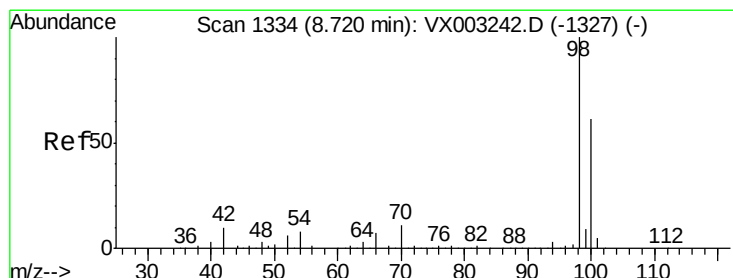
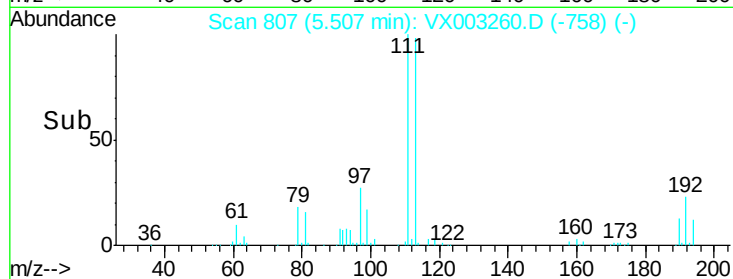
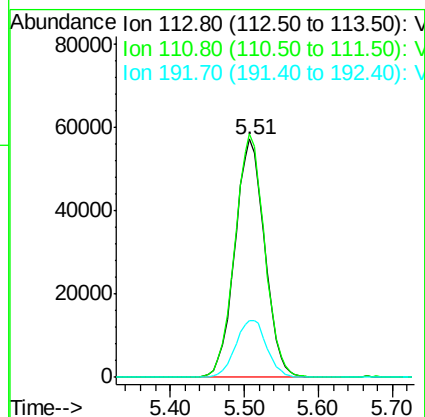
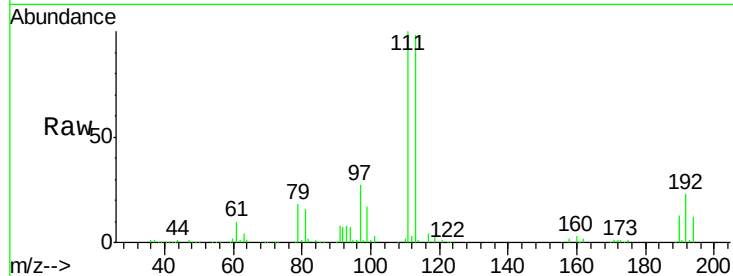
ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:	113	Resp:	160535
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.4	122.0
192	24.9	19.1	28.7

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#50

Toluene-d8

Concen: 50.01 ug/l

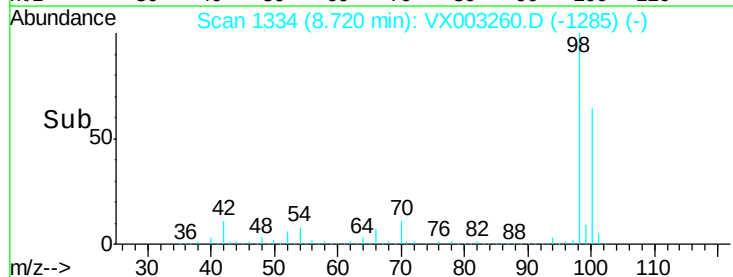
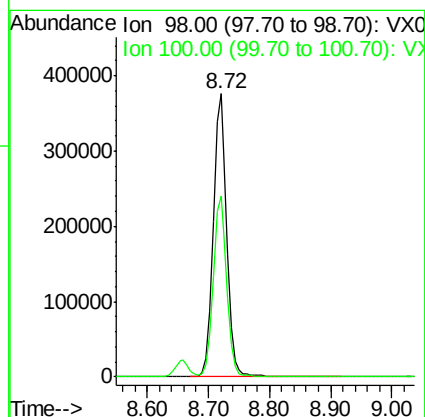
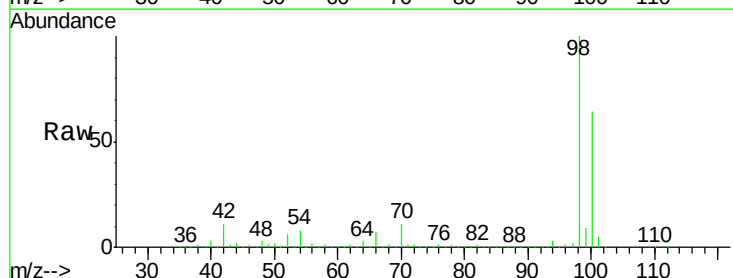
RT: 8.72 min Scan# 1334

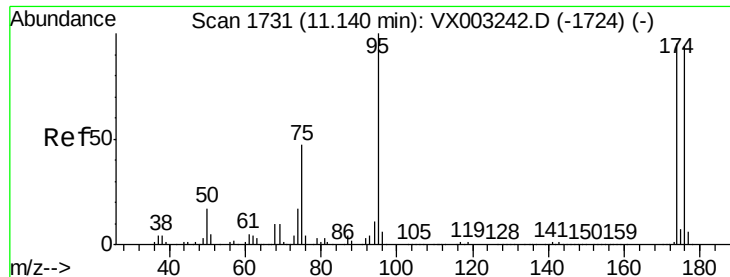
Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Tgt Ion:	98	Resp:	590568
Ion Ratio	Lower	Upper	
98	100		
100	64.6	50.9	76.3





#62

4-Bromofluorobenzene

Concen: 50.55 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion: 95 Resp: 220604

Ion Ratio Lower Upper

95 100

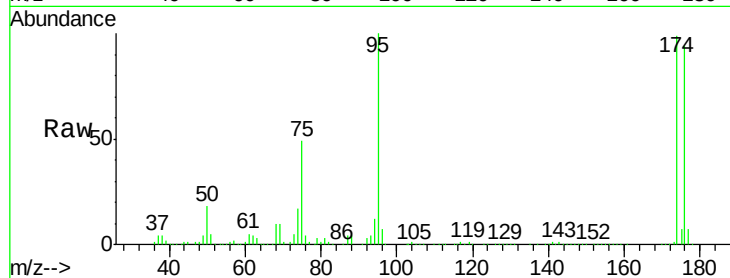
174 101.6 0.0 187.4

176 97.5 0.0 181.0

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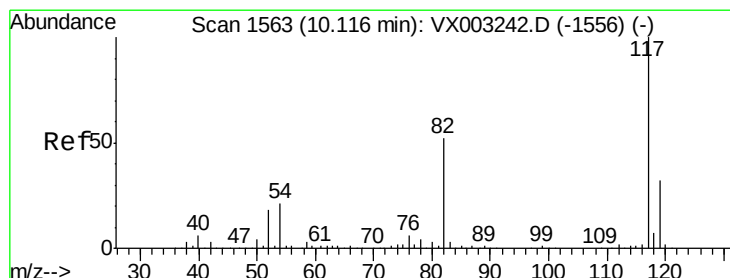
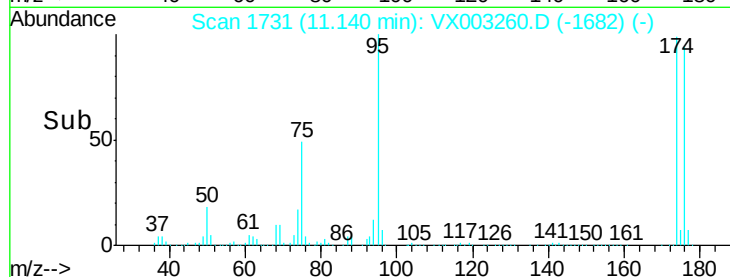
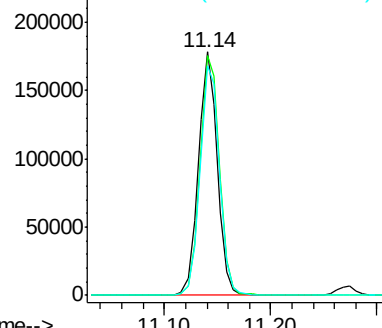
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Abundance Ion 94.90 (94.60 to 95.60): VX003260.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX003260.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX003260.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

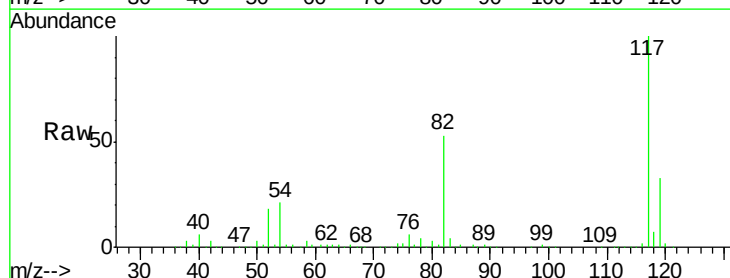
Tgt Ion: 117 Resp: 291193

Ion Ratio Lower Upper

117 100

82 53.2 45.0 67.4

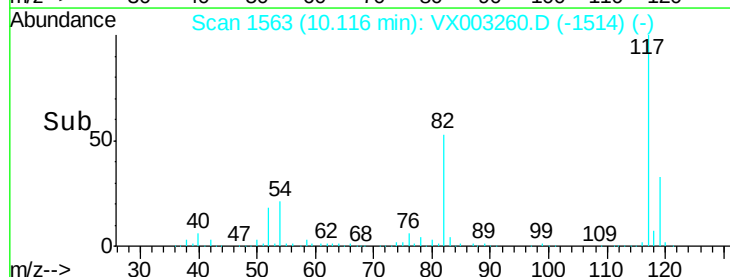
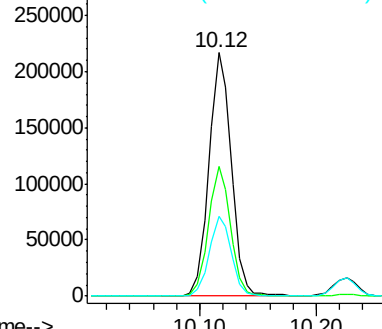
119 32.5 25.8 38.6

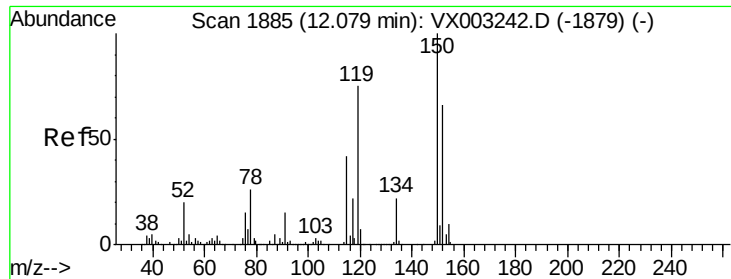


Abundance Ion 116.90 (116.60 to 117.60): VX003260.D (-1514) (-)

Ion 82.00 (81.70 to 82.70): VX003260.D (-1514) (-)

Ion 118.90 (118.60 to 119.60): VX003260.D (-1514) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003260.D

Acq: 09 Jul 2018 22:44

Instrument :

MSVOA_X

ClientSampleId :

LOQ-WATER-02-QT3-2018

Tot Ion:	152	Resp:	203537
Ion Ratio	Lower	Upper	
152	100		
115	57.9	40.1	120.2
150	158.9	0.0	347.2

Manual Integrations
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