

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005295.D
 Acq On : 12 Oct 2018 16:05
 Operator : JC/MD
 Sample : J5164-09 0.5ppb
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Manual Integrations
 APPROVED

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 10/17/2018 9:05:08 AM

Quant Time: Oct 15 11:44:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245770	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388804	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	331179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172388	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	151180	55.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.84%	
35) Dibromofluoromethane	5.50	113	117949	45.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.60%	
50) Toluene-d8	8.71	98	423000	47.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.70%	
62) 4-Bromofluorobenzene	11.14	95	144227	43.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.86%	
Target Compounds						
41) Methacrylonitrile	5.07	41	1394m	0.54	ug/l	Qvalue
81) trans-1,4-Dichloro-2-buten	11.07	75	443m	0.40	ug/l	

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

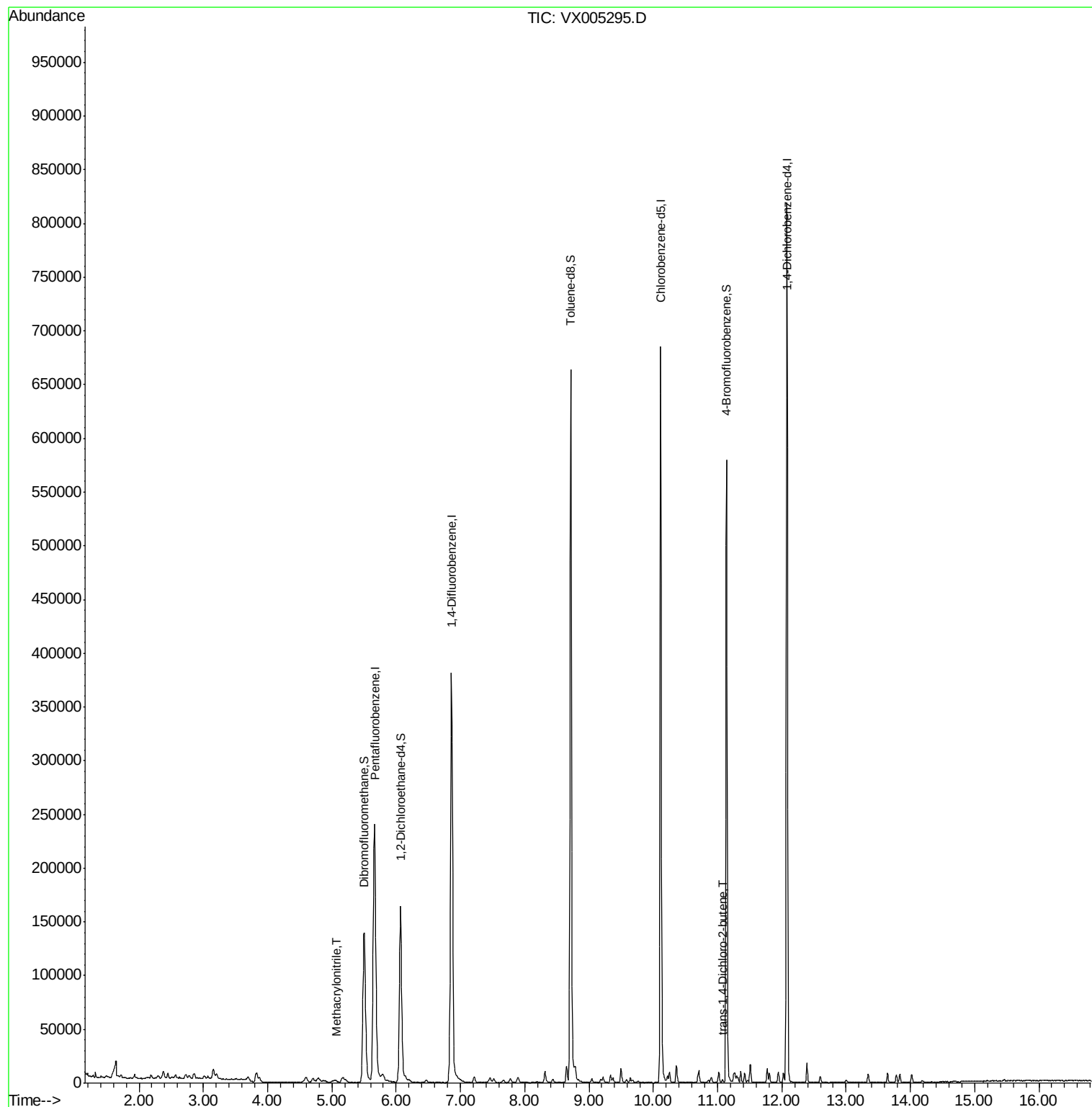
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
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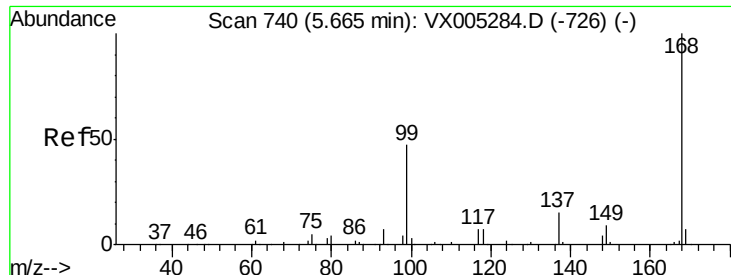
Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2018

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005295.D

Acq: 12 Oct 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:168 Resp: 245770

Ion Ratio Lower Upper

168 100

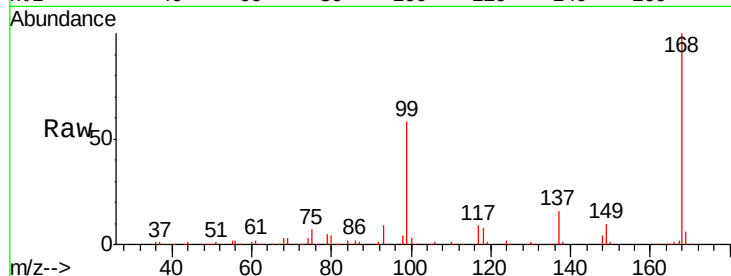
99 57.7 39.9 59.9

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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

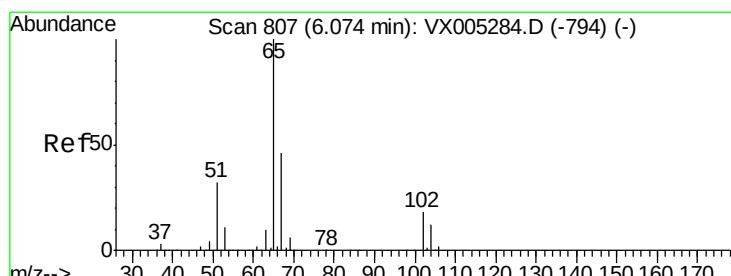
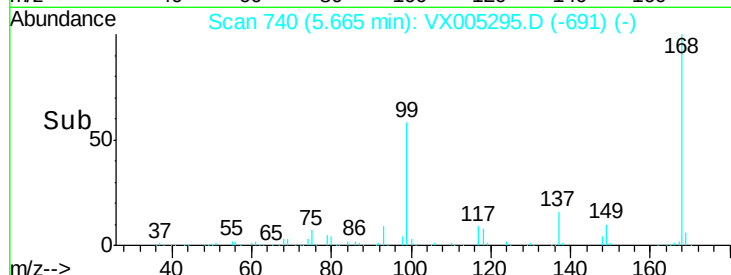
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.42 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005295.D

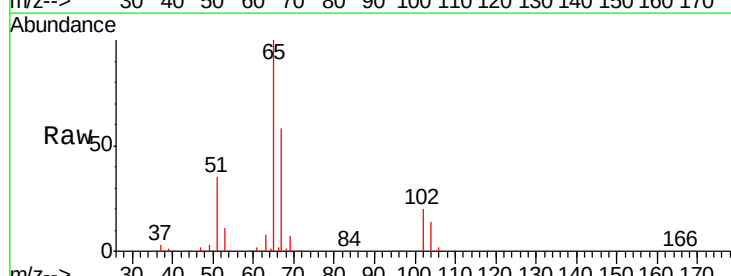
Acq: 12 Oct 2018 16:05

Tgt Ion: 65 Resp: 151180

Ion Ratio Lower Upper

65 100

67 55.8 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

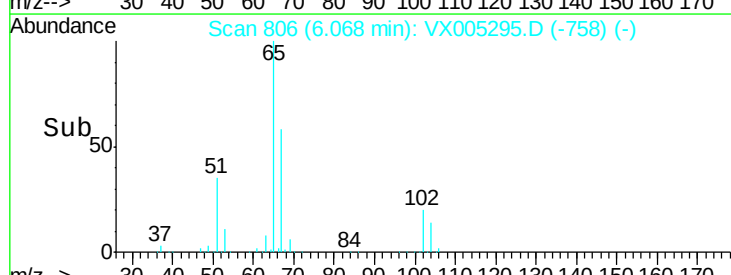
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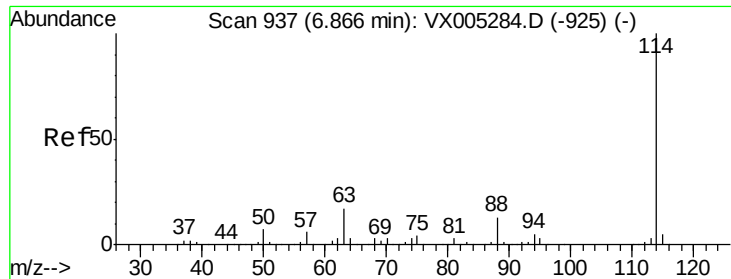
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Time-->





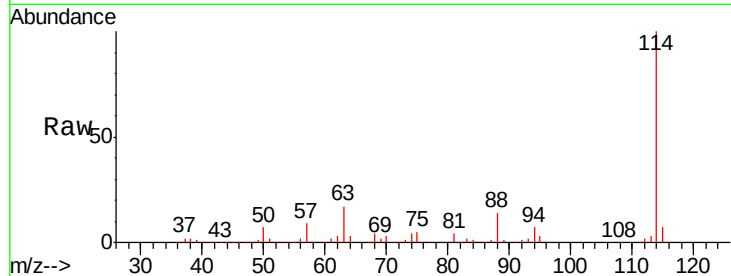
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.01 min
Lab File: VX005295.D
Acq: 12 Oct 2018 16:05

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2018

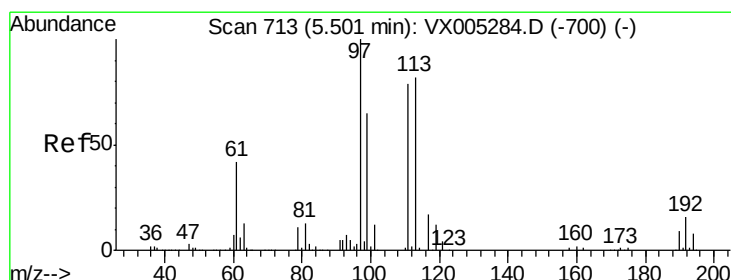
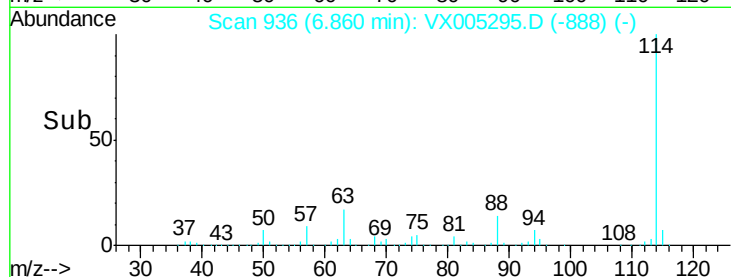
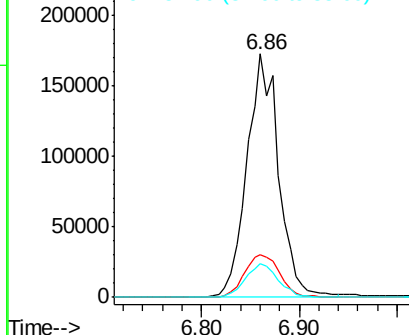
Tgt Ion	Ratio	Resp	Lower	Upper
114	100	388804		
63	17.4	0.0	39.0	
88	13.8	0.0	30.4	

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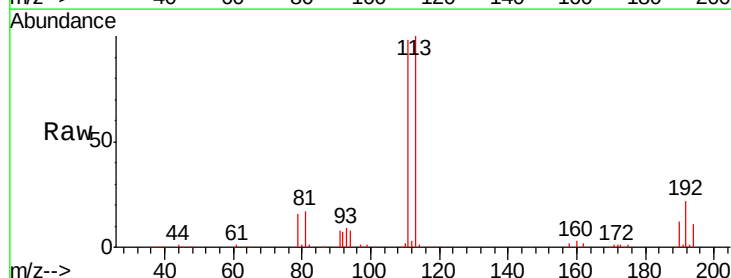


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

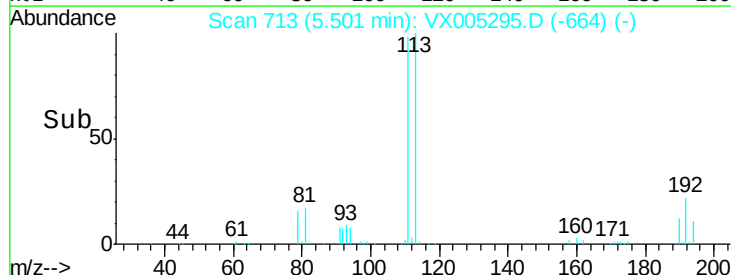
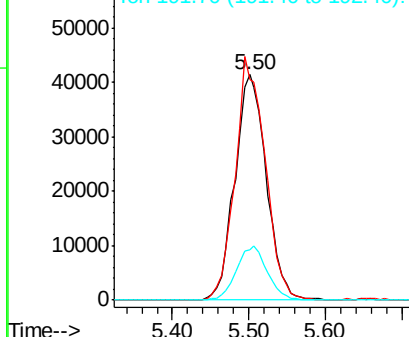


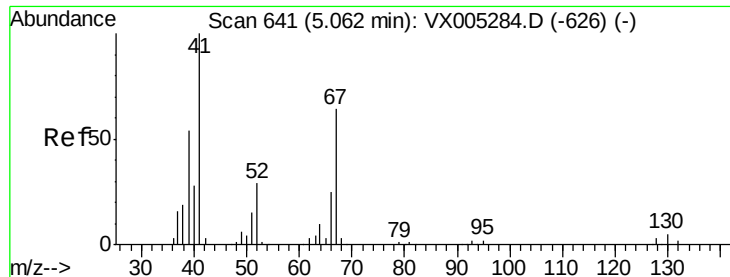
#35
Dibromofluoromethane
Concen: 45.80 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005295.D
Acq: 12 Oct 2018 16:05

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	117949		
111	102.9	82.4	123.6	
192	23.4	19.4	29.2	



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





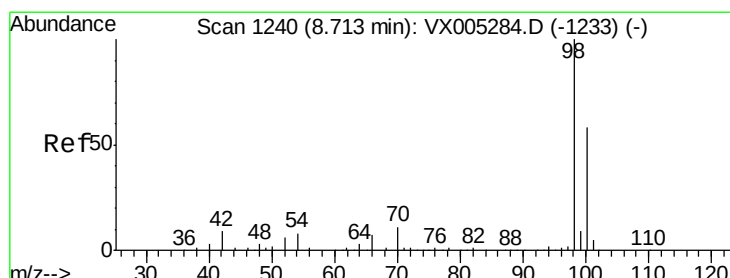
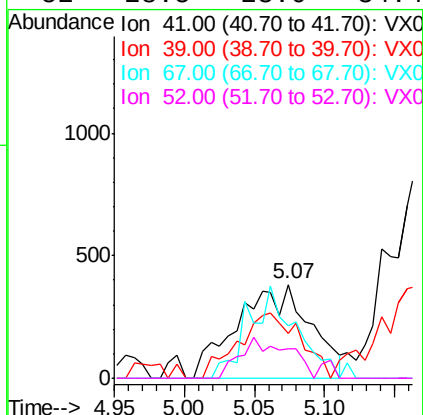
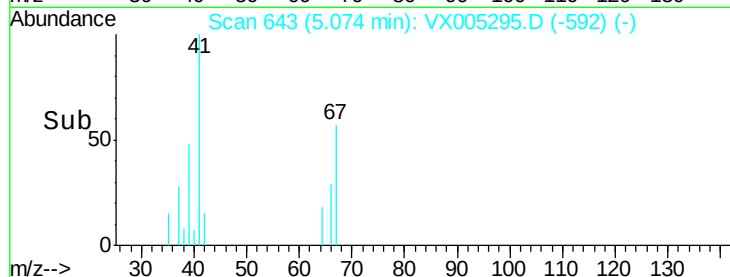
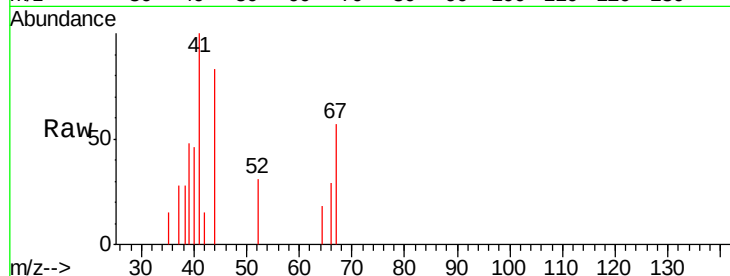
#41
Methacrylonitrile
Concen: 0.54 ug/l m
RT: 5.07 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX005295.D
Acq: 12 Oct 2018 16:05

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.0	42.4	63.6
67	65.8	59.2	88.8
52	28.5	23.0	34.4

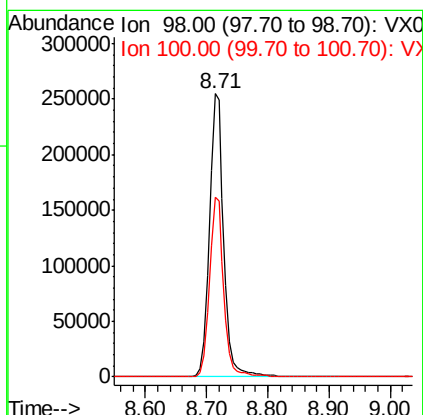
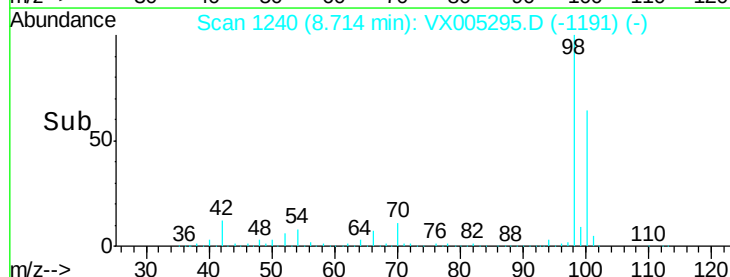
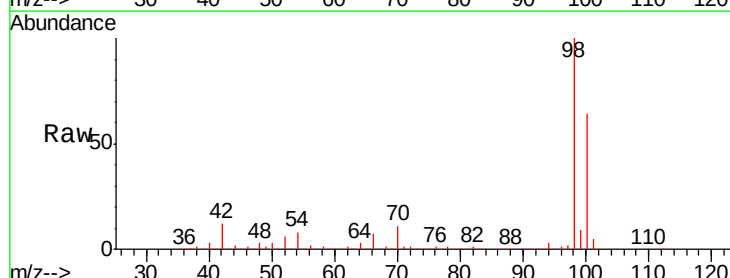
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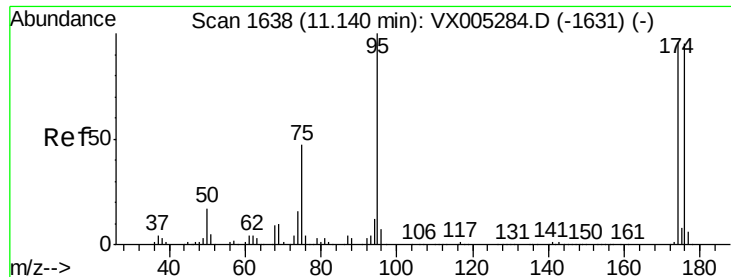
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#50
Toluene-d8
Concen: 47.85 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005295.D
Acq: 12 Oct 2018 16:05

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 43.43 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005295.D

Acq: 12 Oct 2018 16:05

Instrument :

MSVOA_X

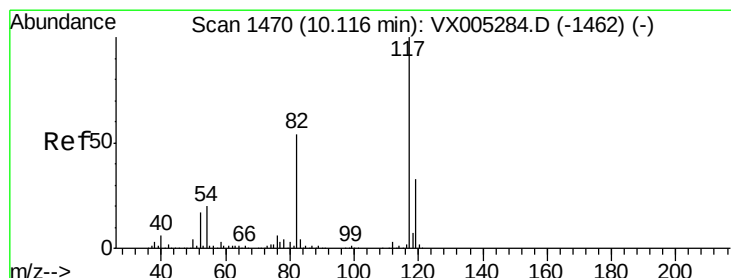
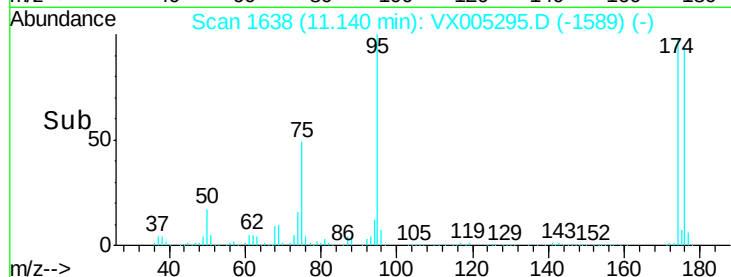
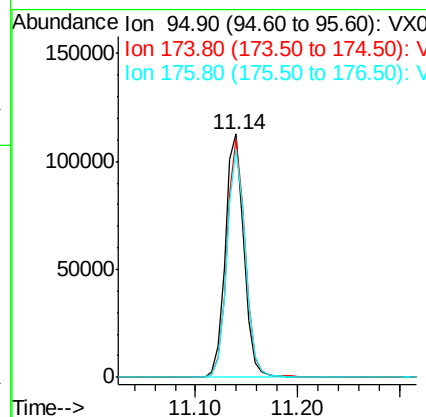
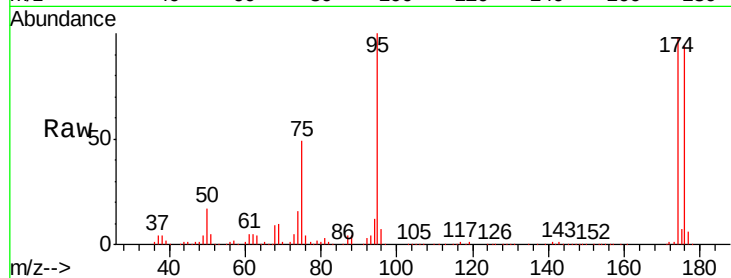
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	95	Resp:	144227
Ion Ratio	Lower	Upper	
95	100		
174	95.6	0.0	185.2
176	92.4	0.0	178.6

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

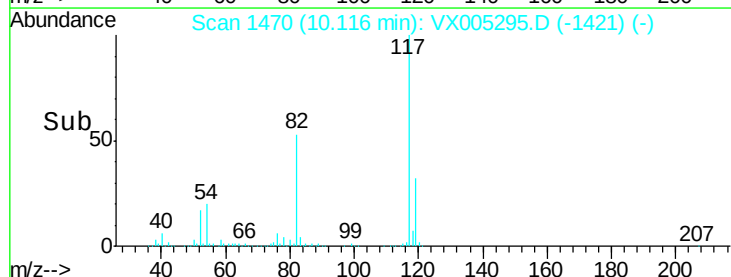
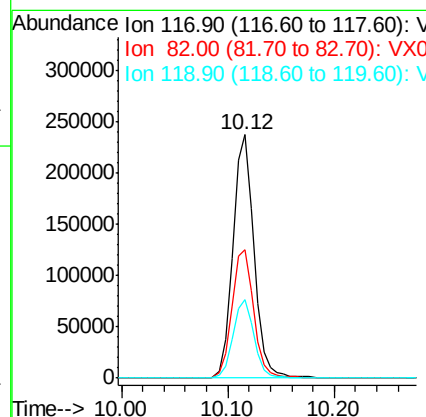
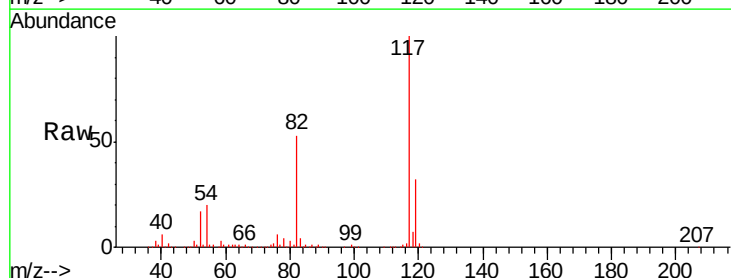
RT: 10.12 min Scan# 1470

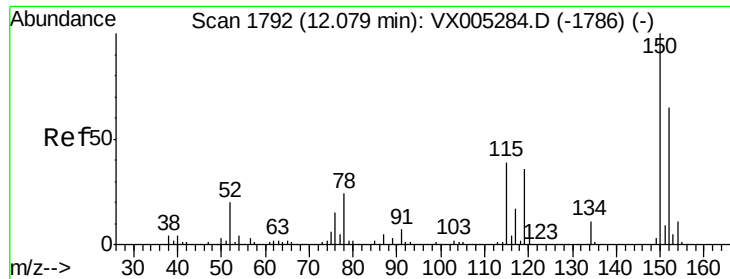
Delta R.T. 0.00 min

Lab File: VX005295.D

Acq: 12 Oct 2018 16:05

Tgt Ion:	117	Resp:	331179
Ion Ratio	Lower	Upper	
117	100		
82	52.6	47.8	71.6
119	32.4	29.3	43.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005295.D

Acq: 12 Oct 2018 16:05

Instrument :

MSVOA_X

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 152 Resp: 172388

Ion Ratio Lower Upper

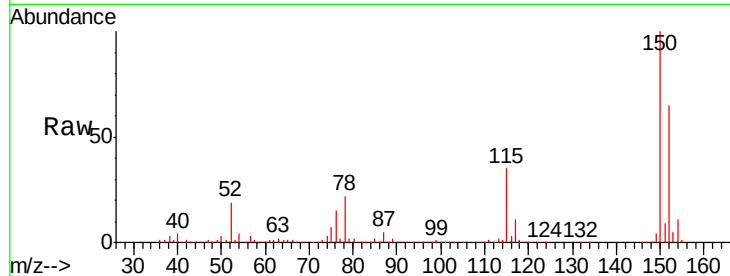
152 100

115 55.0 39.0 117.0

150 155.3 0.0 351.0

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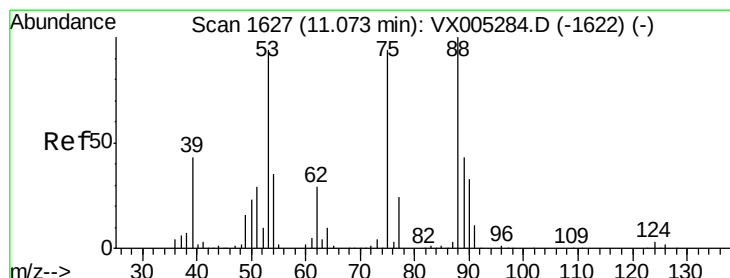
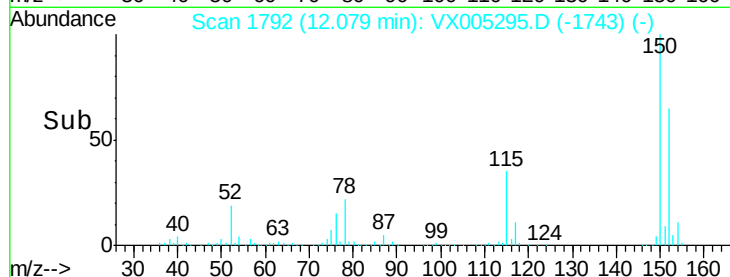
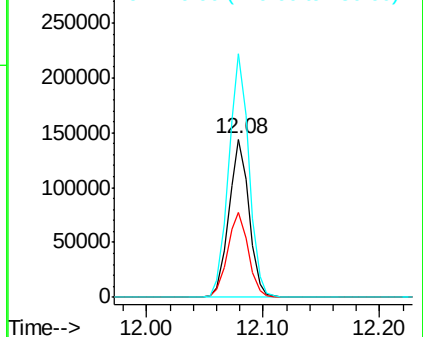
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#81

trans-1,4-Dichloro-2-butene

Concen: 0.40 ug/l m

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX005295.D

Acq: 12 Oct 2018 16:05

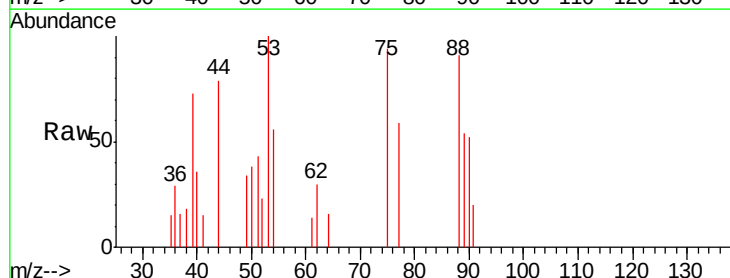
Tgt Ion: 75 Resp: 443

Ion Ratio Lower Upper

75 100

53 56.2 80.1 120.1#

89 4.5 37.2 55.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

