

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
 Data File : VX005294.D
 Acq On : 12 Oct 2018 15:38
 Operator : JC/MD
 Sample : J5164-07 0.5ppb
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Manual Integrations
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 10/17/2018 9:05:03 AM

Quant Time: Oct 15 11:46:28 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	253425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394858	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	340951	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158710	56.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.86%	
35) Dibromofluoromethane	5.49	113	121452	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
50) Toluene-d8	8.71	98	421958	47.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.00%	
62) 4-Bromofluorobenzene	11.14	95	145145	43.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.06%	
Target Compounds						
41) Methacrylonitrile	5.06	41	1596	0.61	ug/l	# 89
81) trans-1,4-Dichloro-2-buten	11.08	75	518m	0.46	ug/l	

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

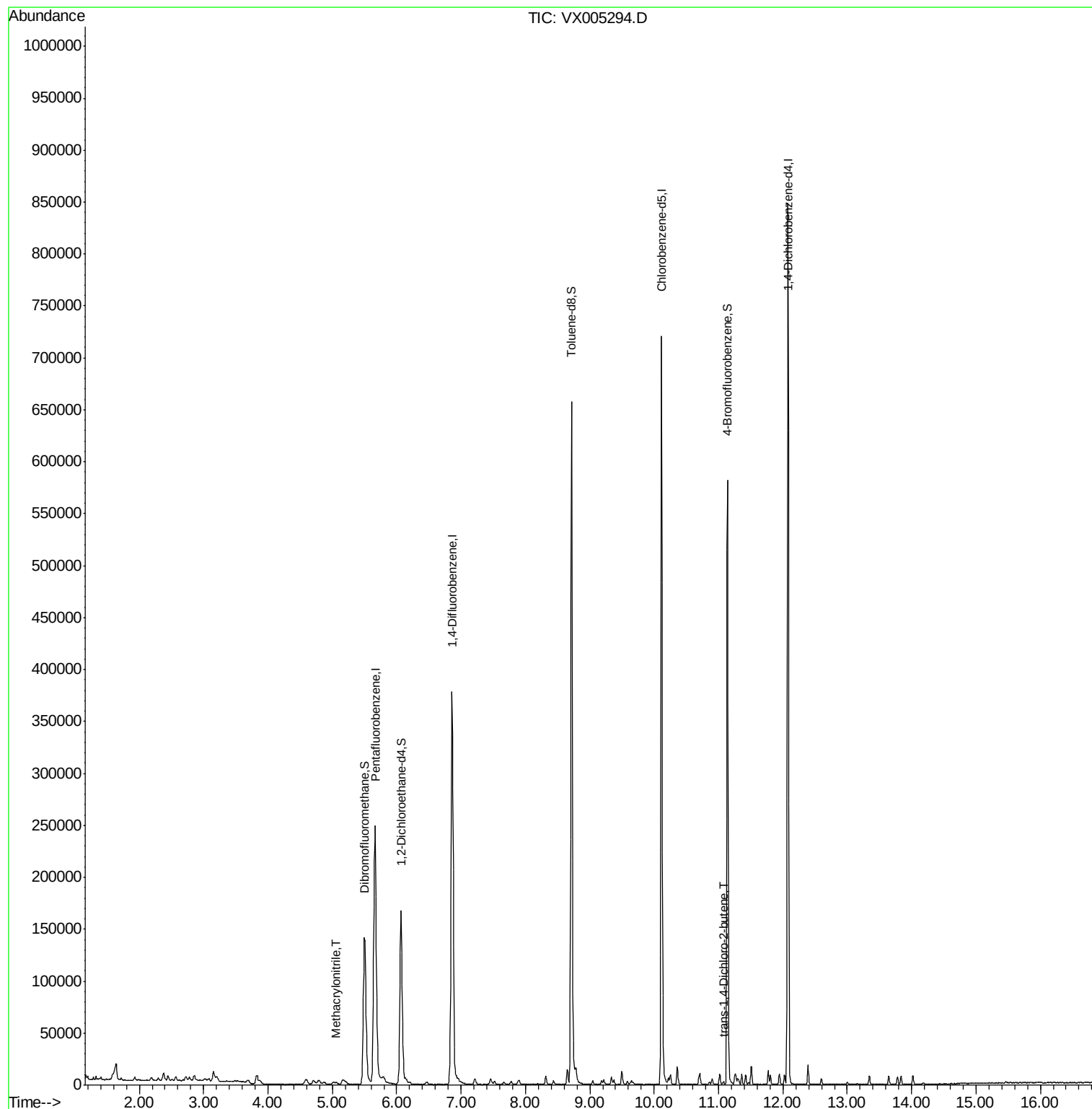
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005294.D
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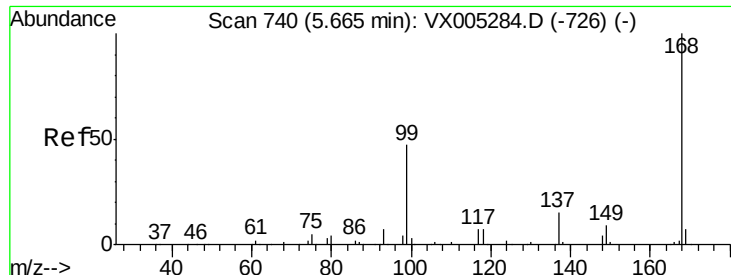
Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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Quant Time: Oct 15 11:46:28 2018
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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: VX005294.D

Acq: 12 Oct 2018 15:38

Instrument :

MSVOA_X

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:168 Resp: 253425

Ion Ratio Lower Upper

168 100

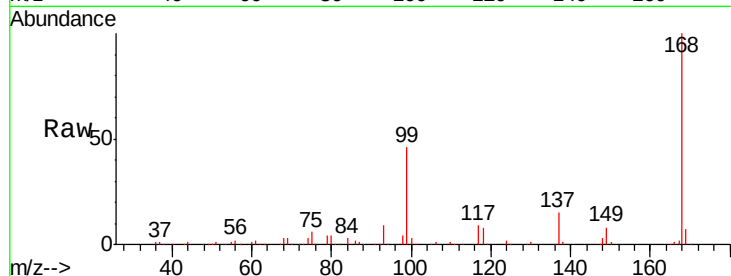
99 46.4 39.9 59.9

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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

100000

80000

60000

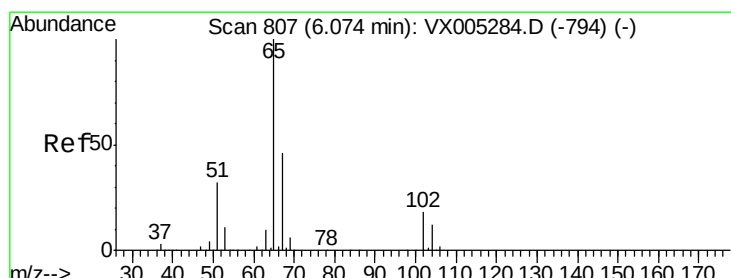
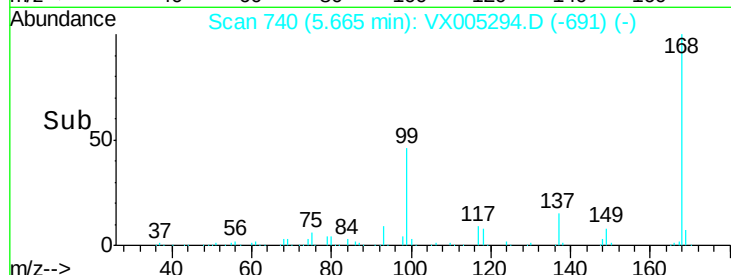
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 56.43 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005294.D

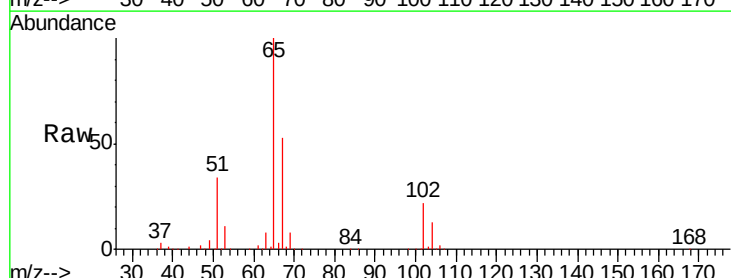
Acq: 12 Oct 2018 15:38

Tgt Ion: 65 Resp: 158710

Ion Ratio Lower Upper

65 100

67 53.9 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

60000

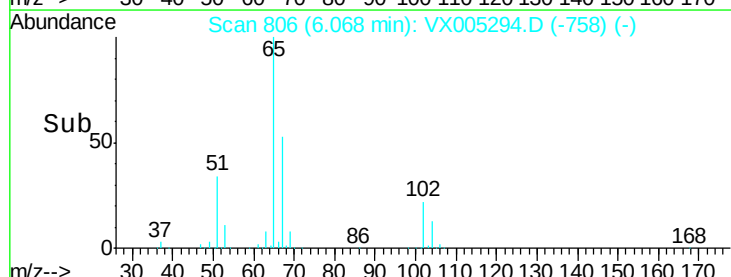
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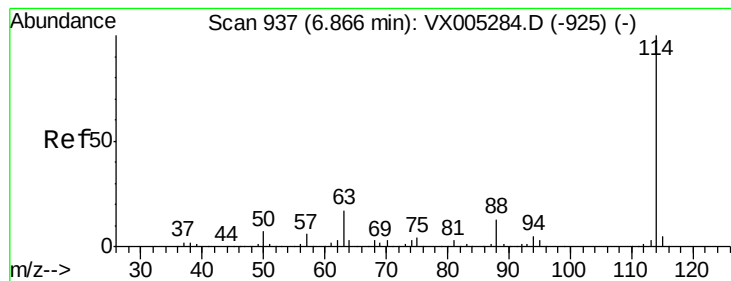
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Time-->

5.90 6.00 6.10 6.20 6.30





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.01 min

Lab File: VX005294.D

Acq: 12 Oct 2018 15:38

Instrument :

MSVOA_X

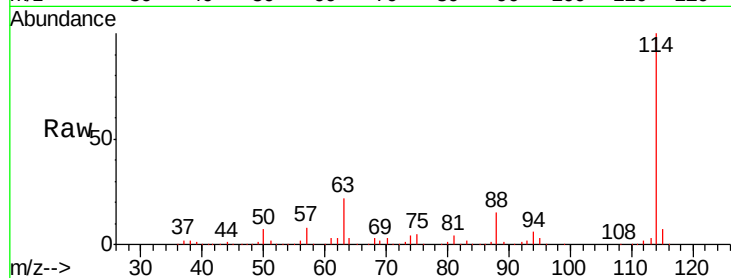
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	114	Resp:	394858
Ion Ratio	Lower	Upper	
114	100		
63	22.4	0.0	39.0
88	14.6	0.0	30.4

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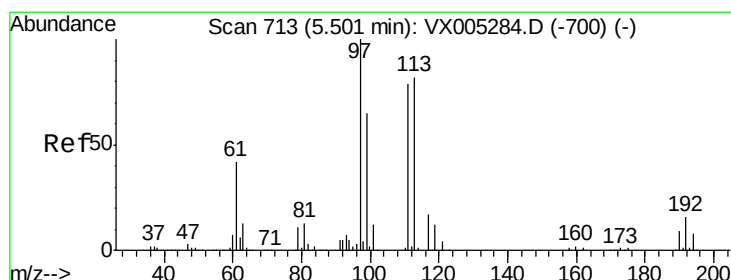
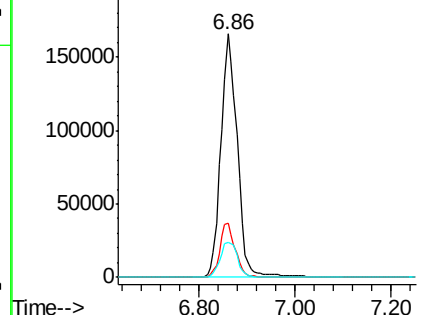
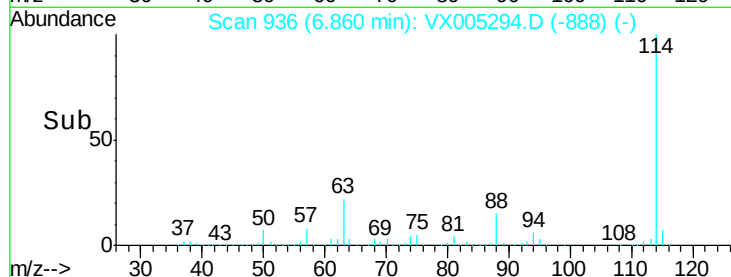
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.44 ug/l

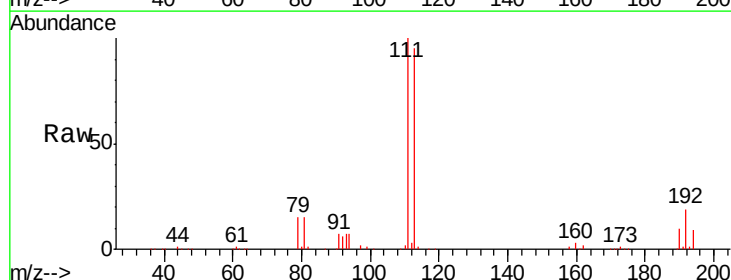
RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005294.D

Acq: 12 Oct 2018 15:38

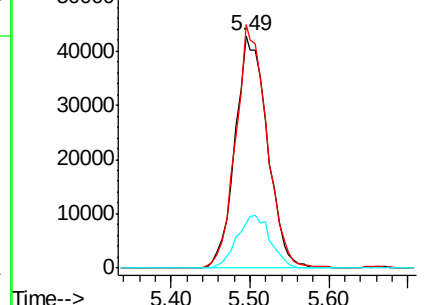
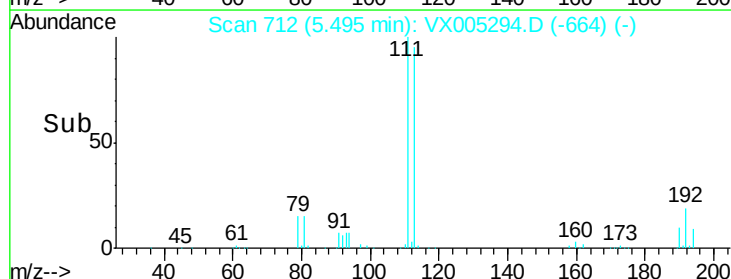
Tgt Ion:	113	Resp:	121452
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.4	123.6
192	23.6	19.4	29.2

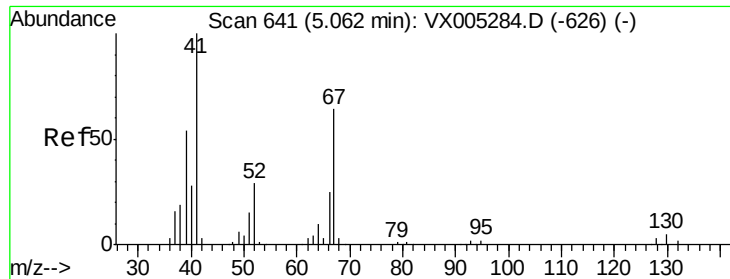


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





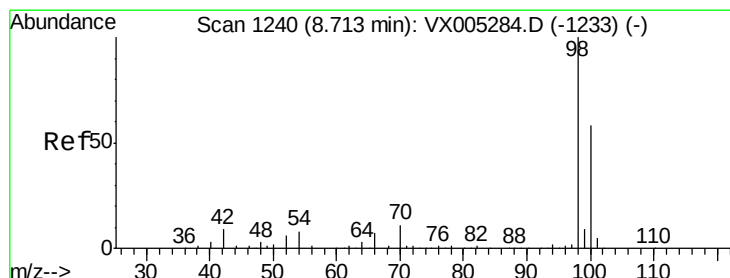
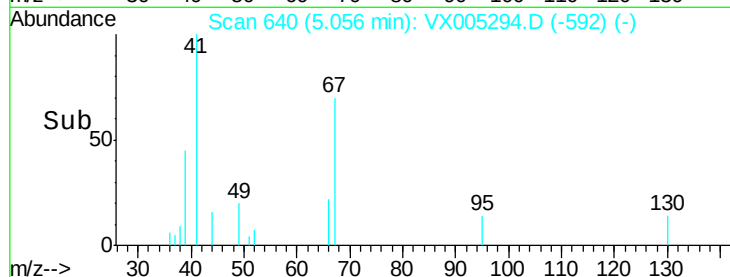
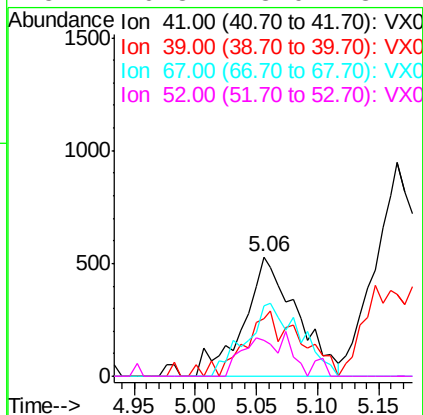
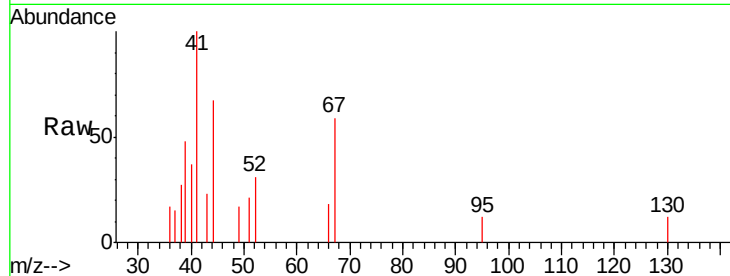
#41
Methacrylonitrile
Concen: 0.61 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005294.D
Acq: 12 Oct 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.5	42.4	63.6
67	62.2	59.2	88.8
52	20.8	23.0	34.4

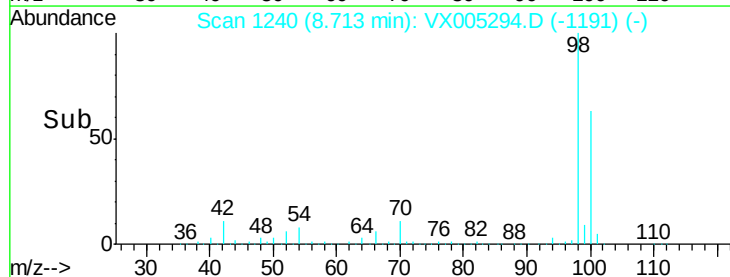
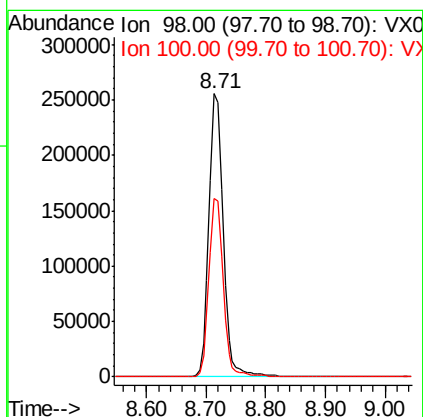
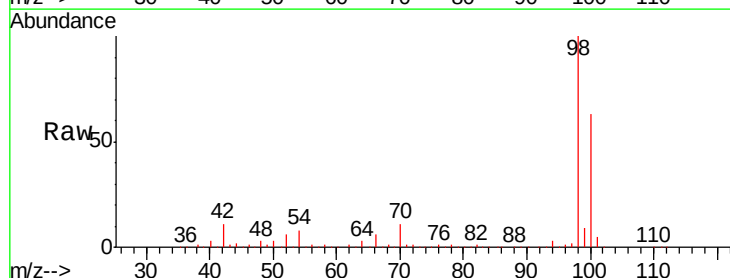
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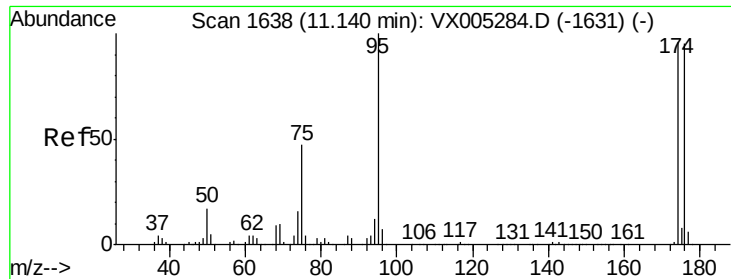
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#50
Toluene-d8
Concen: 47.00 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX005294.D
Acq: 12 Oct 2018 15:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	52.9	79.3





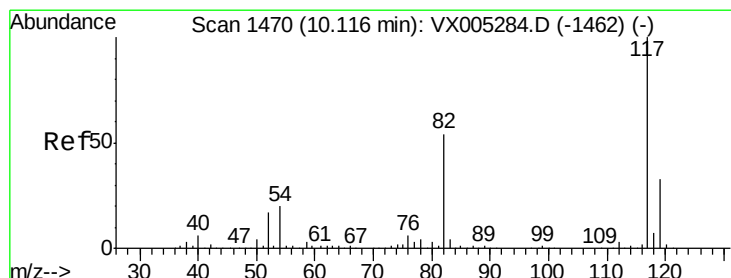
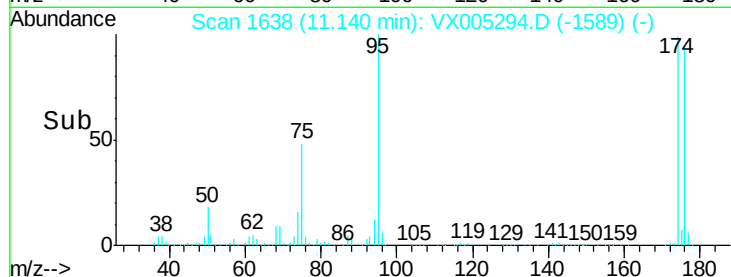
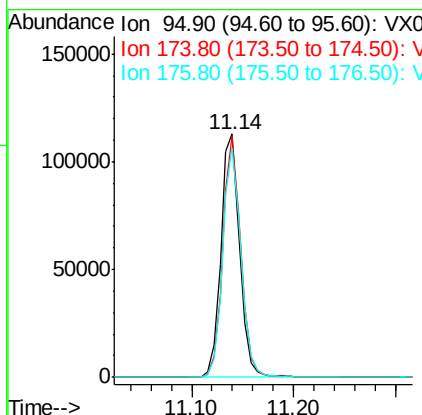
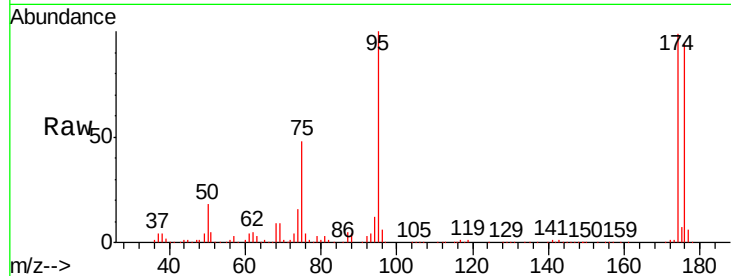
#62
4-Bromofluorobenzene
Concen: 43.03 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005294.D
Acq: 12 Oct 2018 15:38

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	145145		
174	94.9	0.0	185.2	
176	91.4	0.0	178.6	

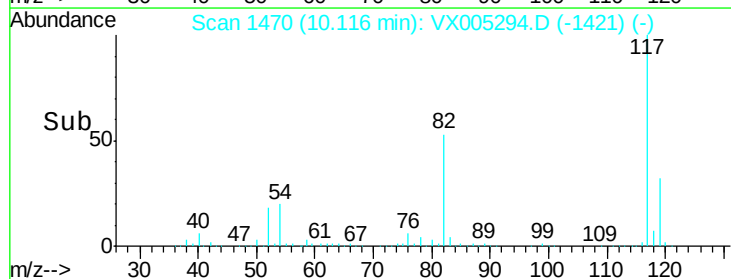
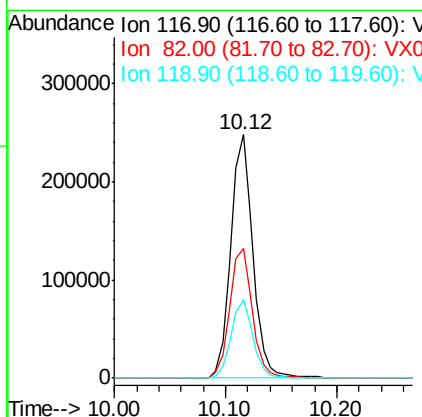
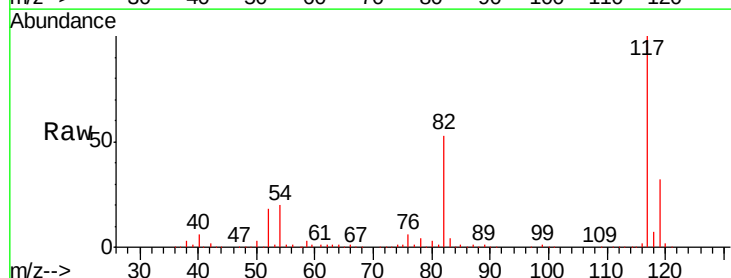
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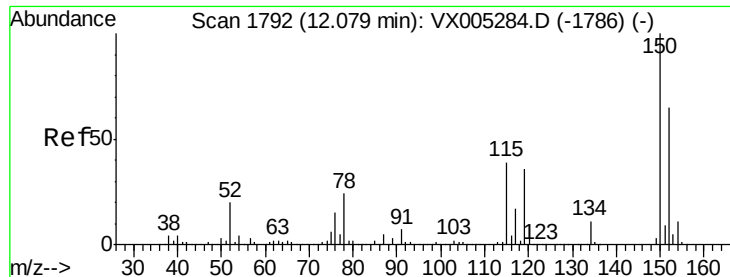
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005294.D
Acq: 12 Oct 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	340951		
82	53.3	47.8	71.6	
119	32.2	29.3	43.9	





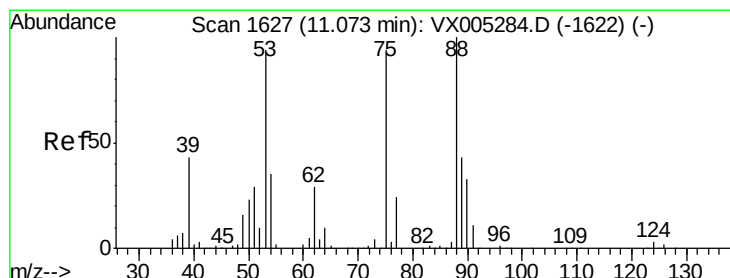
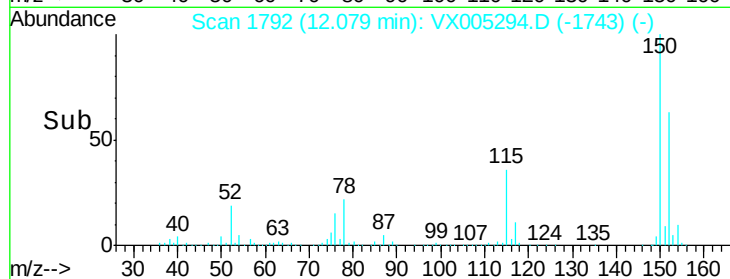
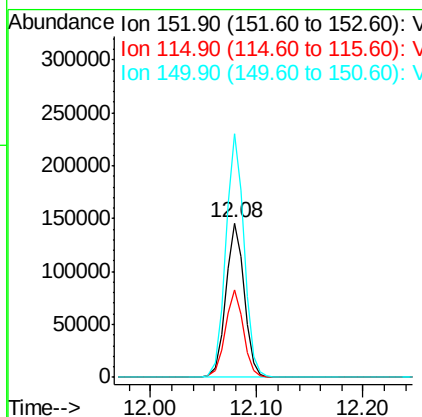
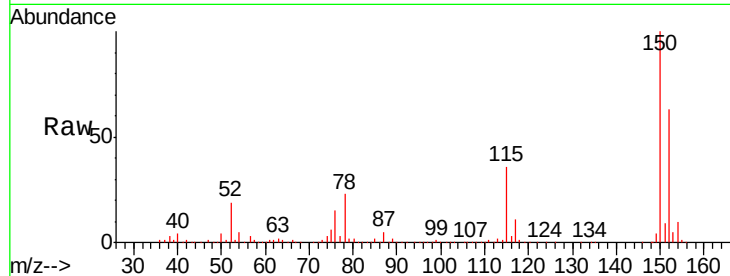
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX005294.D
 Acq: 12 Oct 2018 15:38

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	176446		
115	55.7	39.0	117.0	
150	156.3	0.0	351.0	

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#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.46 ug/l m
 RT: 11.08 min Scan# 1628
 Delta R.T. 0.01 min
 Lab File: VX005294.D
 Acq: 12 Oct 2018 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	518		
53	26.3	80.1	120.1#	
89	0.0	37.2	55.8#	

