

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071118\
 Data File : VX003323.D
 Acq On : 11 Jul 2018 16:49
 Operator : JC/MD
 Sample : J3911-03DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VB21029DL

Manual Integrations
 APPROVED

MMDadoda
 7/12/2018 10:59:26 AM

Quant Time: Jul 12 09:53:10 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	248823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	370955	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	345909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	186335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	170180	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	
35) Dibromofluoromethane	5.51	113	140695	35.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.60%	
50) Toluene-d8	8.72	98	535798	37.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.70%	
62) 4-Bromofluorobenzene	11.14	95	180531	34.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.02%	
Target Compounds						
16) Acetone	2.45	43	64270	46.229	ug/l	93
25) 2-Butanone	4.71	43	29356	11.933	ug/l	94
29) Tetrahydrofuran	5.17	42	35052	21.953	ug/l	96
52) Toluene	8.79	92	533060	54.187	ug/l	99

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

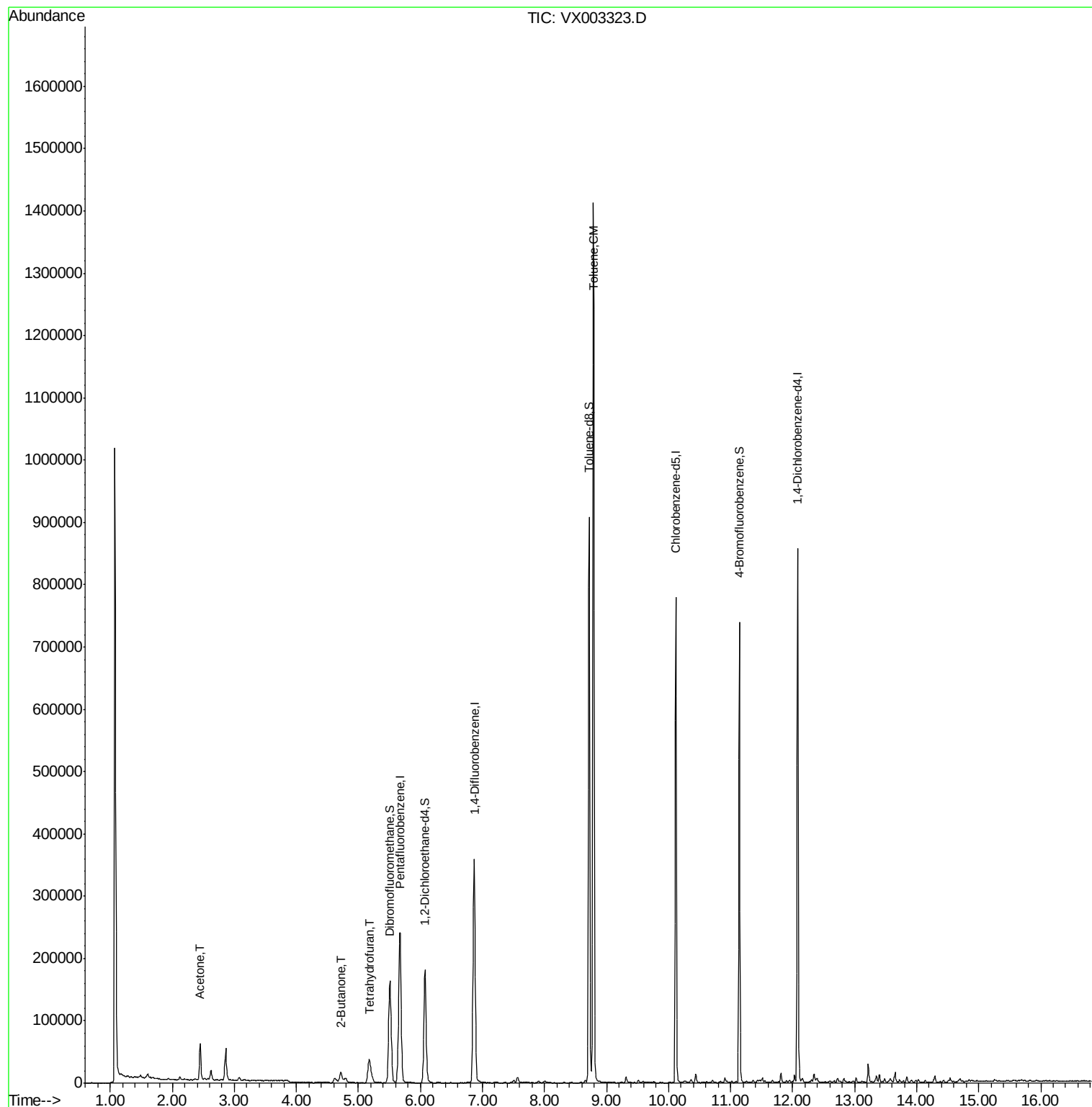
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071118\
Data File : VX003323.D
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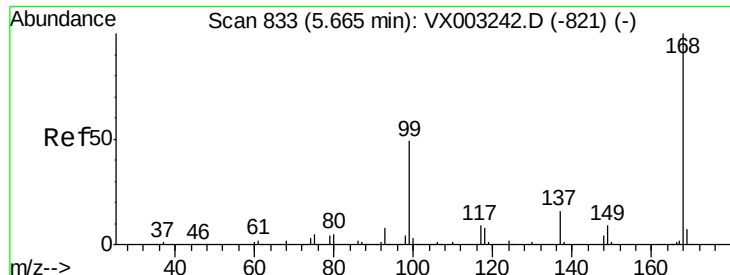
Instrument :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleID :

VB21029DL

Tot Ion:168 Resp: 248823

Ion Ratio Lower Upper

168 100

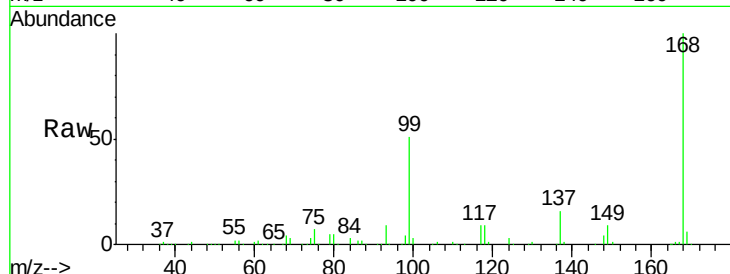
99 50.9 39.3 58.9

Manual Integrations

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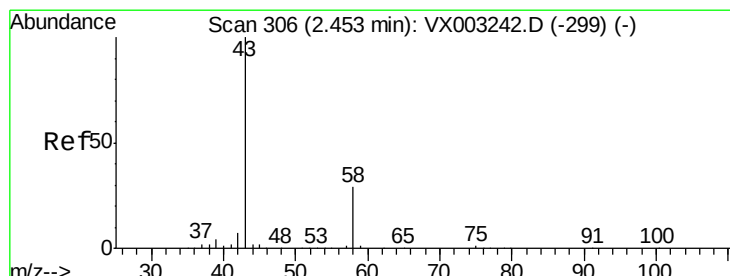
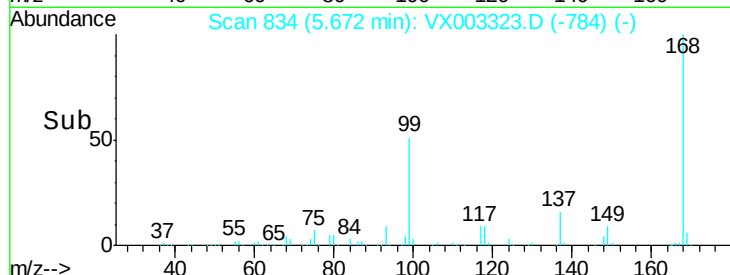
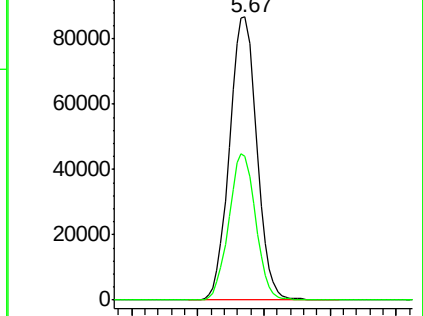
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 46.229 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003323.D

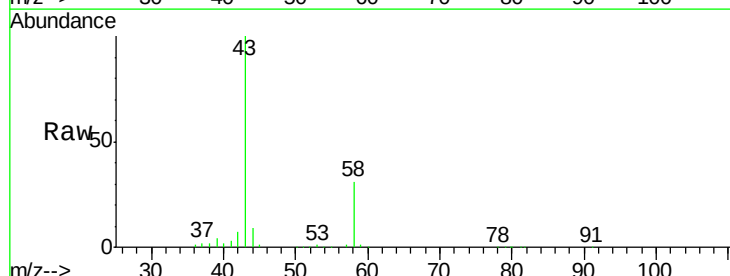
Acq: 11 Jul 2018 16:49

Tgt Ion: 43 Resp: 64270

Ion Ratio Lower Upper

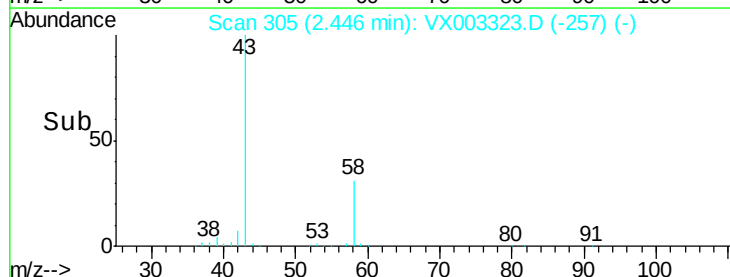
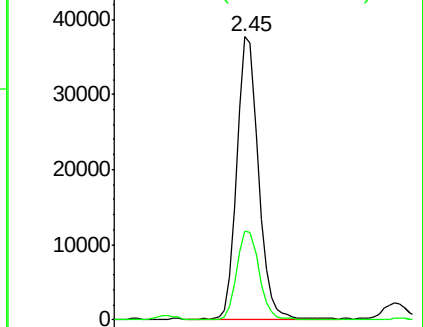
43 100

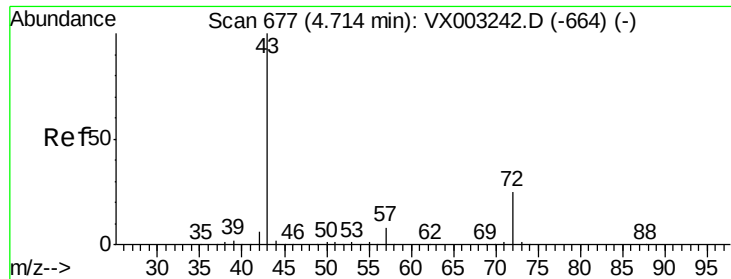
58 31.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 11.933 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampled :

VB21029DL

Tot Ion: 43 Resp: 29356

Ion Ratio Lower Upper

43 100

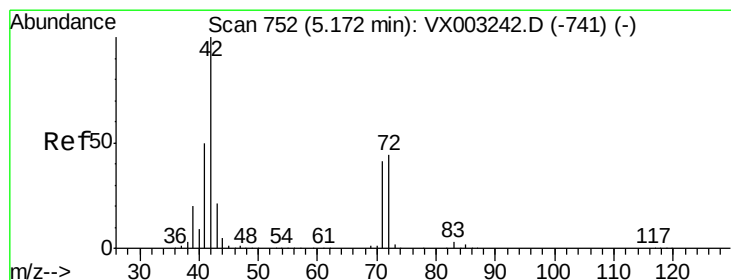
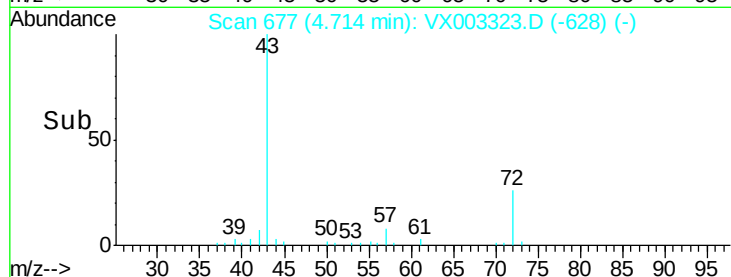
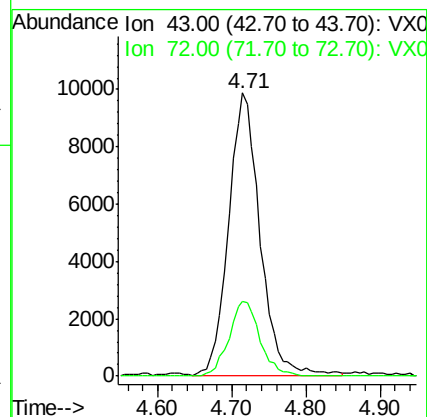
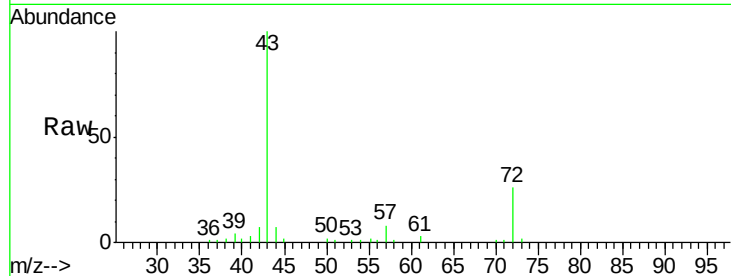
72 26.2 18.5 27.7

Manual Integrations

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#29

Tetrahydrofuran

Concen: 21.953 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

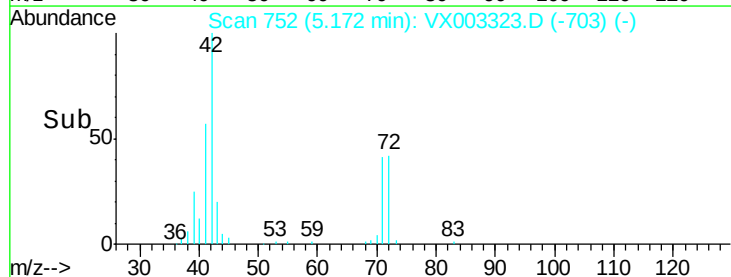
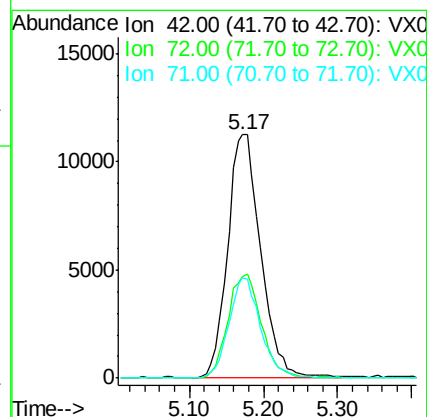
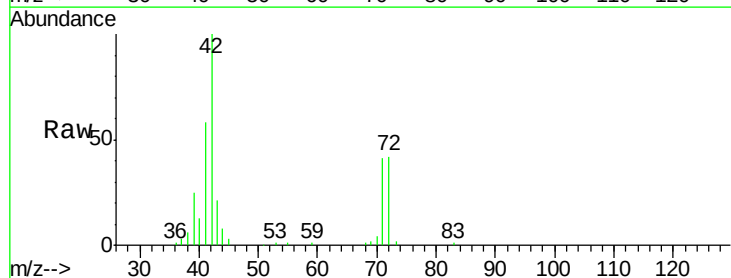
Tgt Ion: 42 Resp: 35052

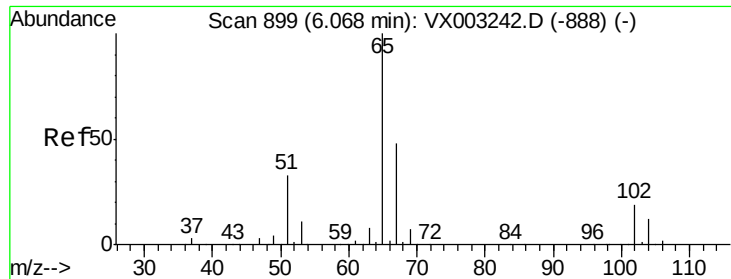
Ion Ratio Lower Upper

42 100

72 42.9 32.0 48.0

71 39.3 30.1 45.1





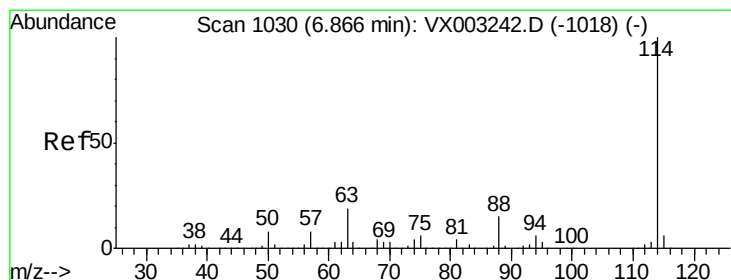
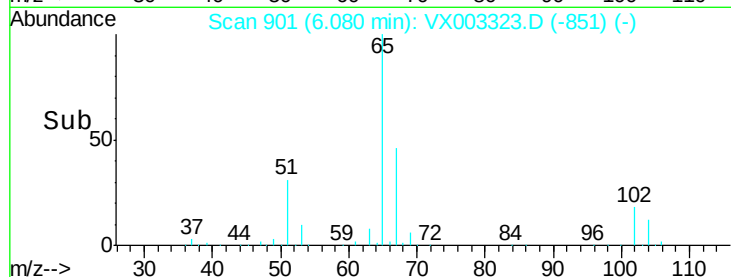
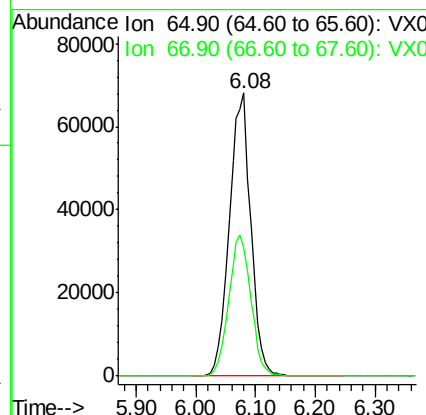
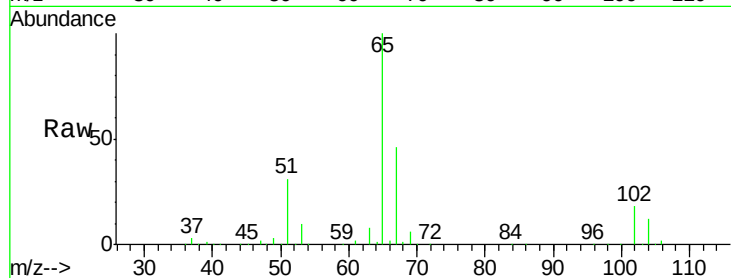
#33
 1,2-Dichloroethane-d4
 Concen: 43.459 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX003323.D
 Acq: 11 Jul 2018 16:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VB21029DL

Tot Ion	Ratio	Resp	Lower	Upper
65	100	170180		
67	51.6	0.0	102.6	

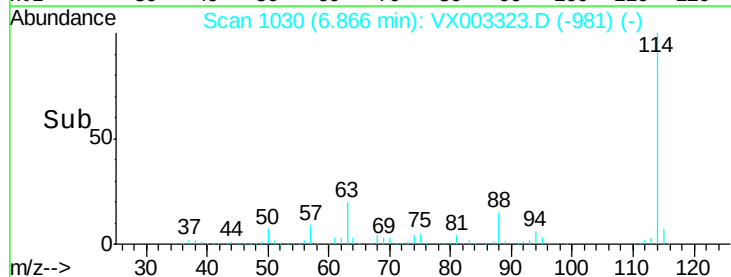
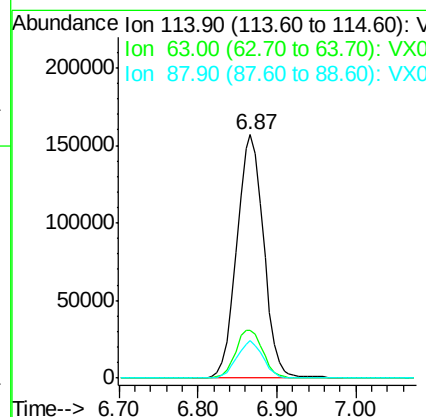
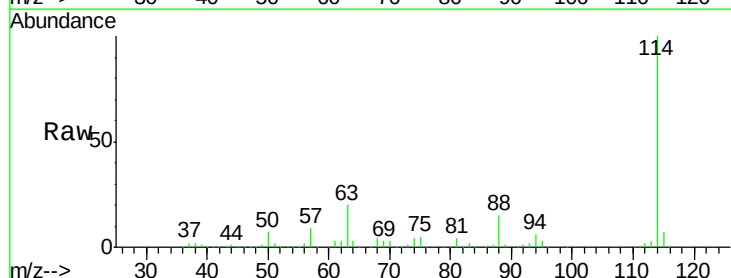
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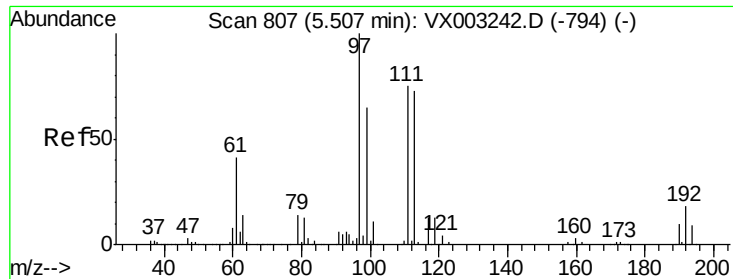
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX003323.D
 Acq: 11 Jul 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	370955		
63	19.7	0.0	41.4	
88	15.4	0.0	30.0	





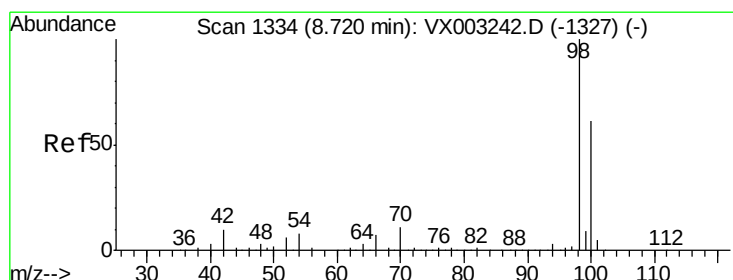
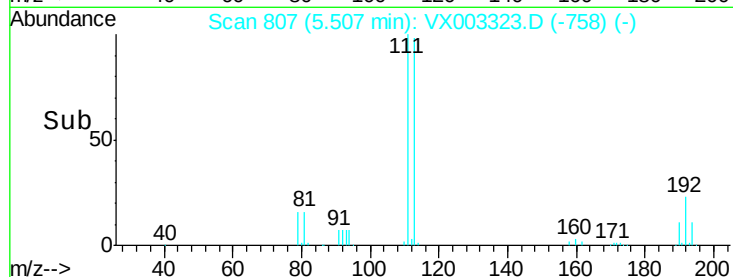
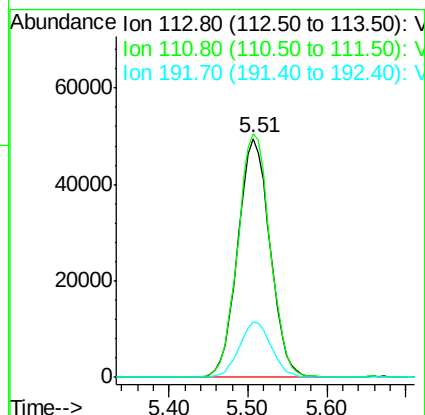
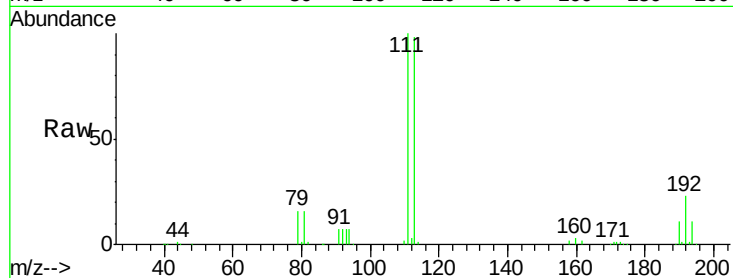
#35
Dibromofluoromethane
Concen: 35.304 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX003323.D
Acq: 11 Jul 2018 16:49

Instrument :
MSVOA_X
ClientSampleId :
VB21029DL

Tot Ion	Ratio	Resp	Lower	Upper
113	100	140695		
111	102.9	81.4	122.0	
192	23.1	19.1	28.7	

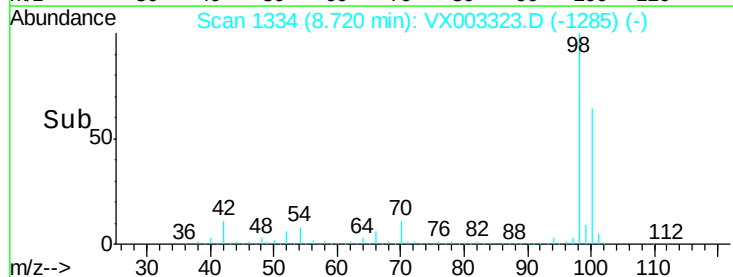
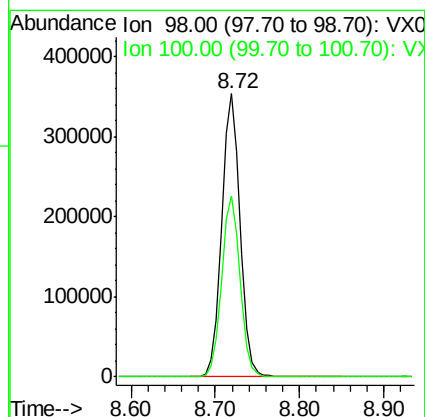
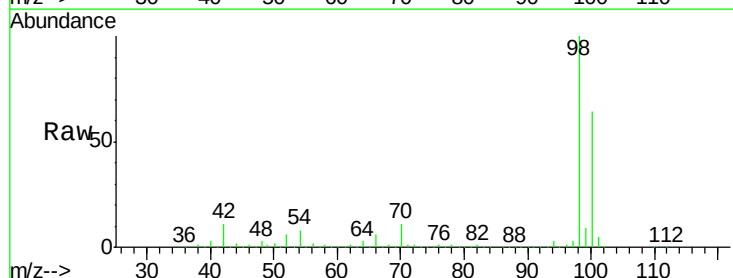
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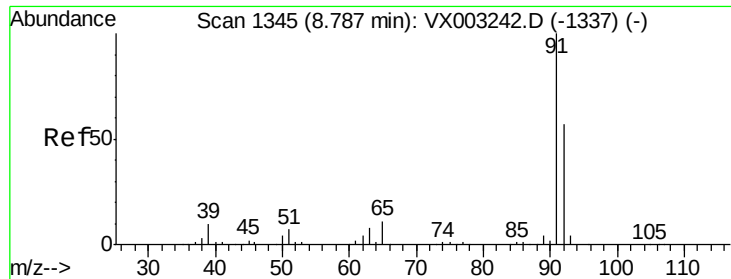
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#50
Toluene-d8
Concen: 37.850 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX003323.D
Acq: 11 Jul 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	535798		
100	63.8	50.9	76.3	





#52

Toluene

Concen: 54.187 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

Instrument :

MSVOA_X

ClientSampleId :

VB21029DL

Tot Ion: 92 Resp: 533060

Ion Ratio Lower Upper

92 100

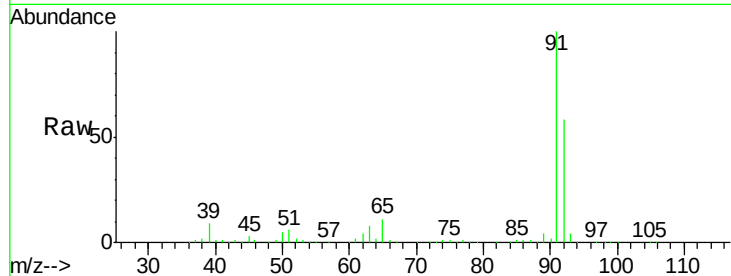
91 174.4 140.4 210.6

Manual Integrations

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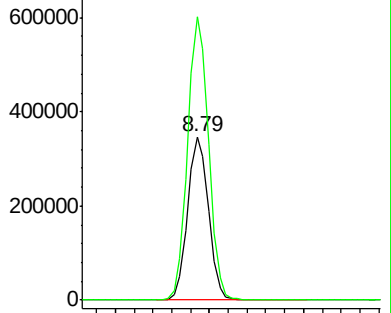
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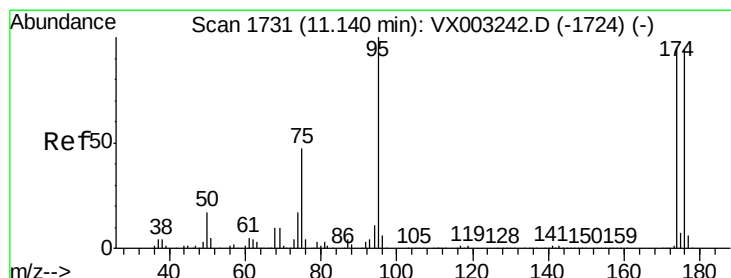
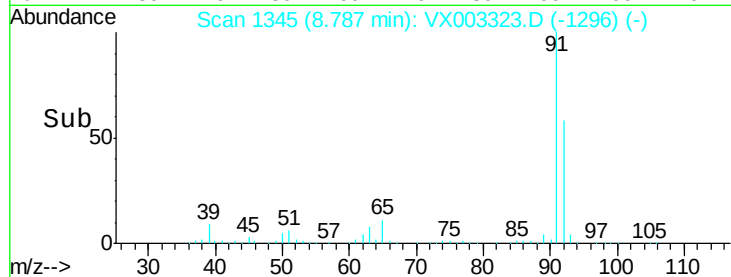


Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->



#62

4-Bromofluorobenzene

Concen: 34.514 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX003323.D

Acq: 11 Jul 2018 16:49

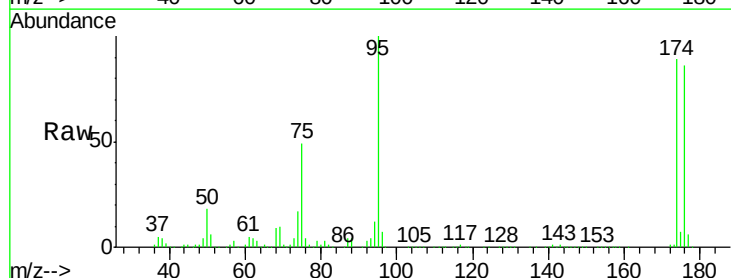
Tgt Ion: 95 Resp: 180531

Ion Ratio Lower Upper

95 100

174 92.5 0.0 187.4

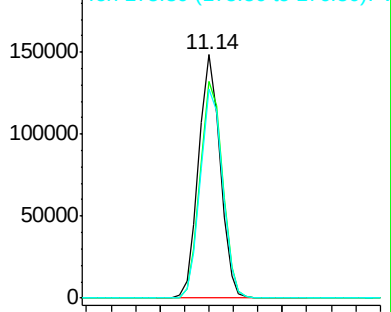
176 88.9 0.0 181.0



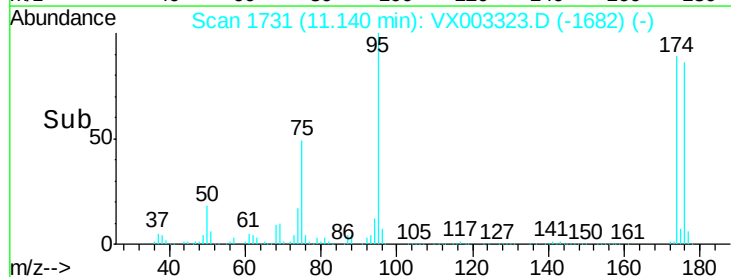
Abundance Ion 94.90 (94.60 to 95.60): VX0

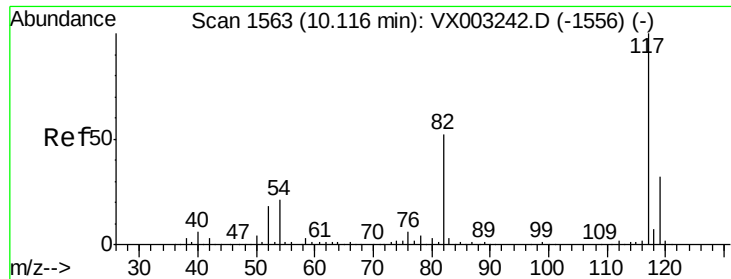
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





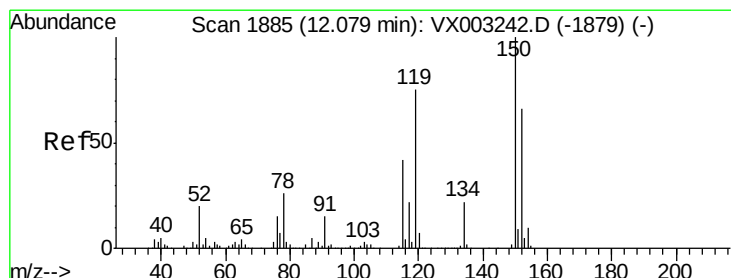
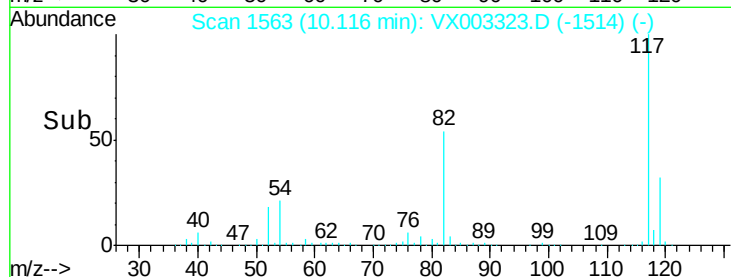
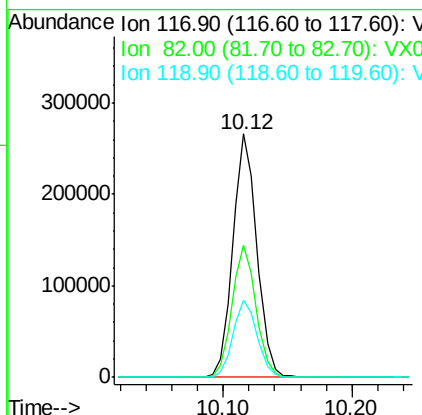
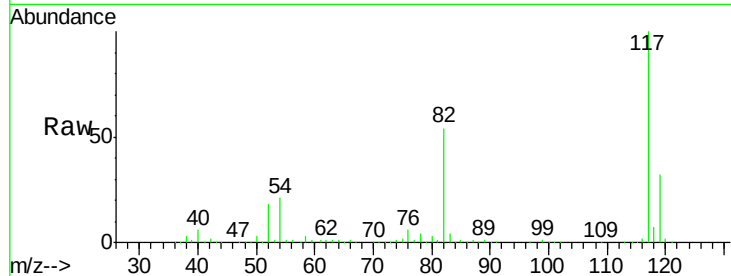
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX003323.D
Acq: 11 Jul 2018 16:49

Instrument :
MSVOA_X
ClientSampled :
VB21029DL

Tot Ion	Ratio	Resp	Lower	Upper
117	100	345909		
82	54.3	45.0	67.4	
119	31.6	25.8	38.6	

Manual Integrations
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX003323.D
Acq: 11 Jul 2018 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	186335		
115	55.8	40.1	120.2	
150	156.2	0.0	347.2	

