

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX092818\
 Data File : VX004845.D
 Acq On : 29 Sep 2018 02:45
 Operator : JC/MD
 Sample : J5134-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-2125

Manual Integrations
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 10/1/2018 1:31:30 PM

Quant Time: Oct 09 16:29:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	247566	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.86	114	377110	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	366342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201338	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	187879	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
35) Dibromofluoromethane	5.51	113	164393	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
50) Toluene-d8	8.72	98	548856	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.14	95	199203	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
Target Compounds						
85) sec-Butylbenzene	11.94	105	11432	0.898	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	9557m	1.345	ug/l	
91) 1,2-Dichlorobenzene	12.40	146	3896	0.542	ug/l	93

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

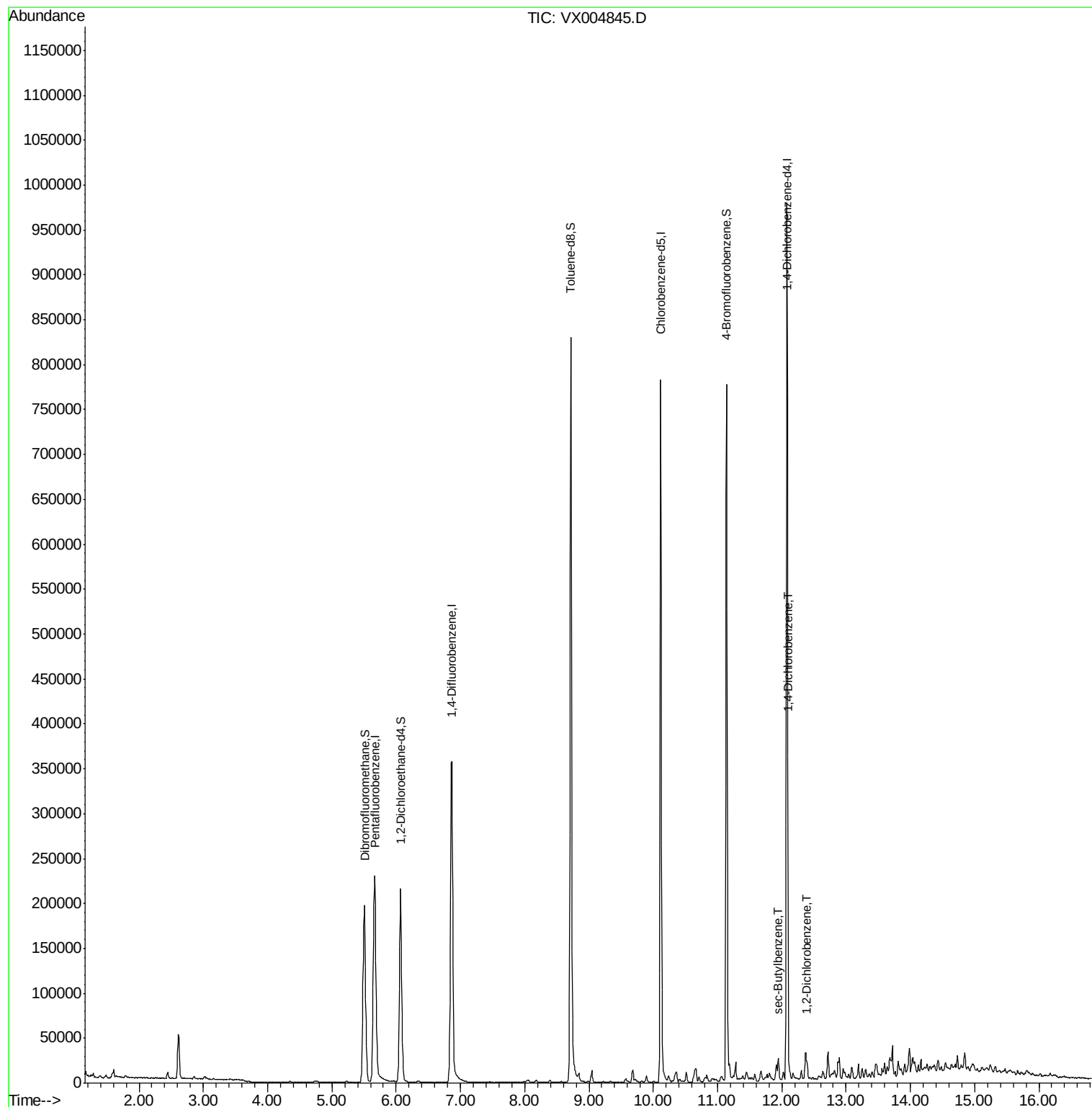
Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX092818\
Data File : VX004845.D
Acq On : 29 Sep 2018 02:45
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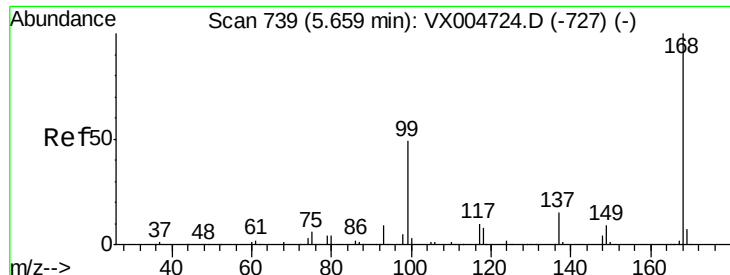
Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-2125

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Quant Time: Oct 09 16:29:38 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.68 min Scan# 742

Delta R.T. 0.02 min

Lab File: VX004845.D

Acq: 29 Sep 2018 02:45

Instrument :

MSVOA_X

ClientSampled :

SA-TW505-2125

Tot Ion:168 Resp: 247566

Ion Ratio Lower Upper

168 100

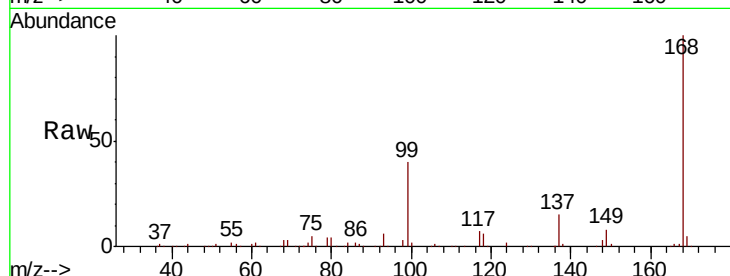
99 39.9 39.9 59.9#

Manual Integrations

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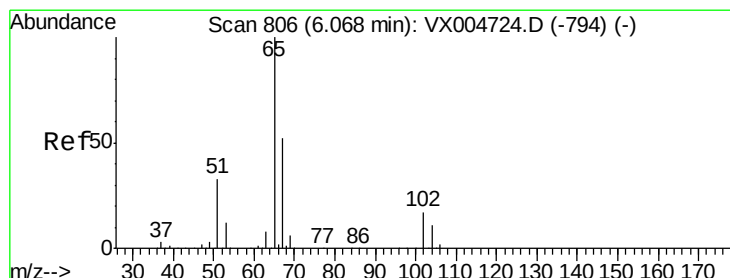
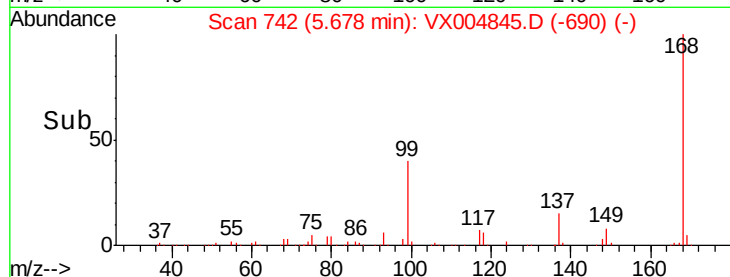
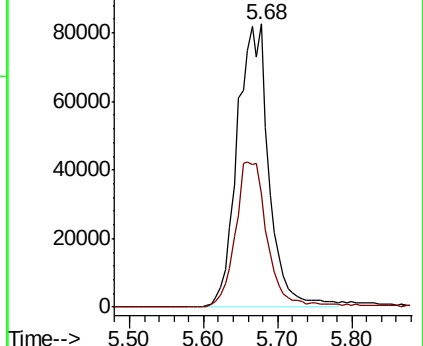
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.126 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004845.D

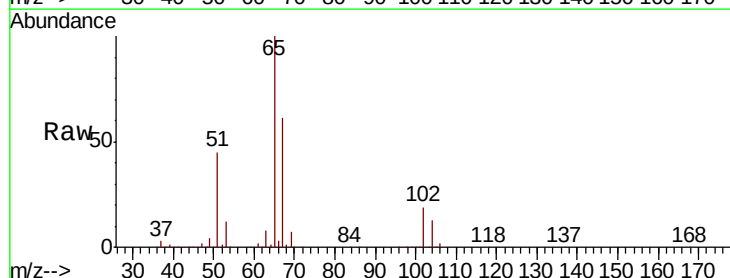
Acq: 29 Sep 2018 02:45

Tgt Ion: 65 Resp: 187879

Ion Ratio Lower Upper

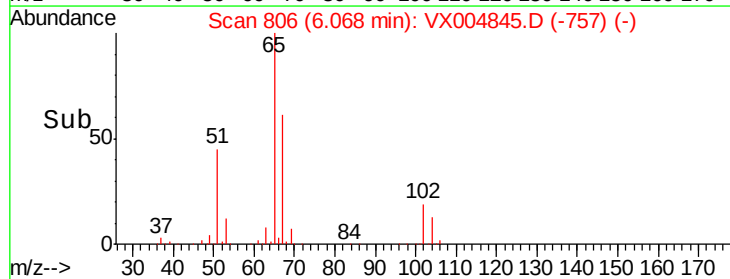
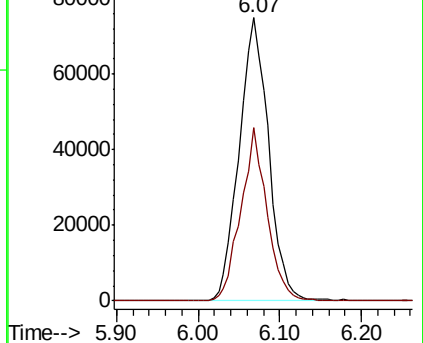
65 100

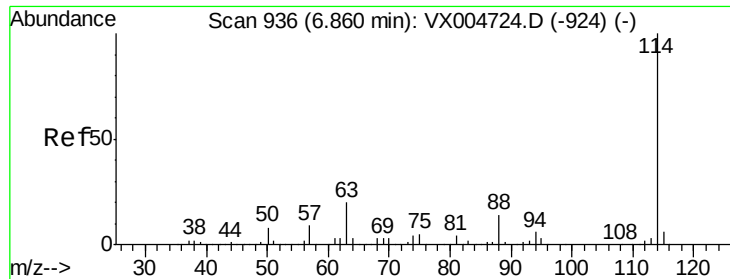
67 54.4 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





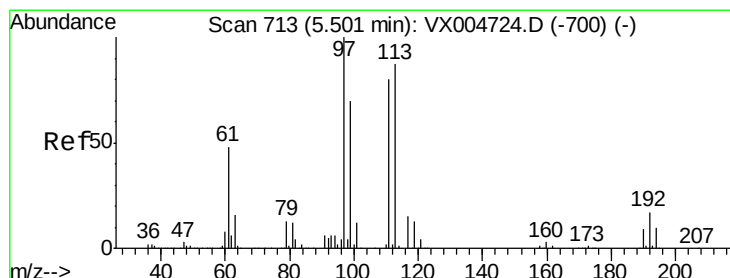
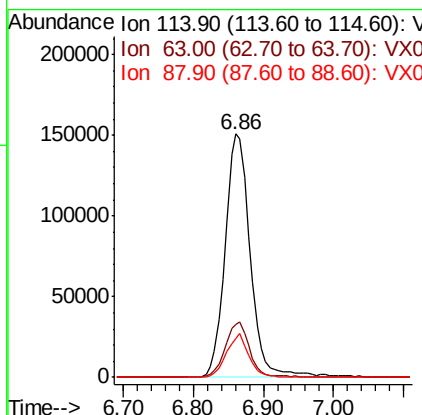
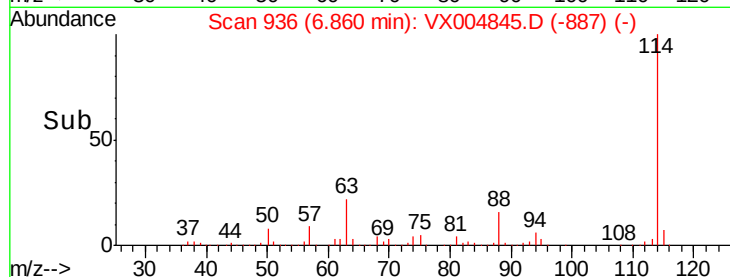
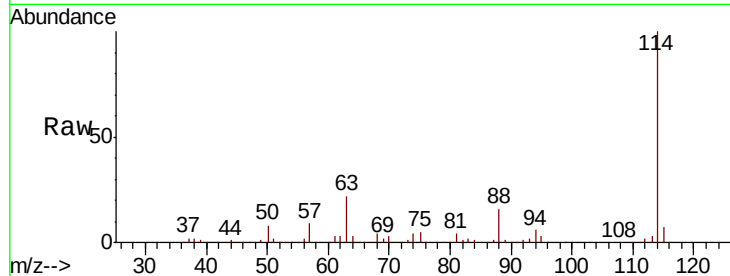
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004845.D
 Acq: 29 Sep 2018 02:45

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-2125

Tot Ion	Ratio	Resp	Lower	Upper
114	100	377110		
63	21.7	0.0	39.0	
88	15.7	0.0	30.4	

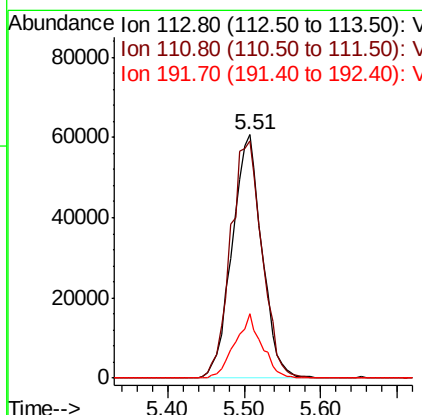
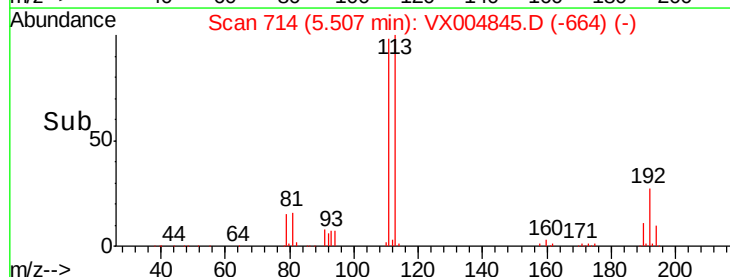
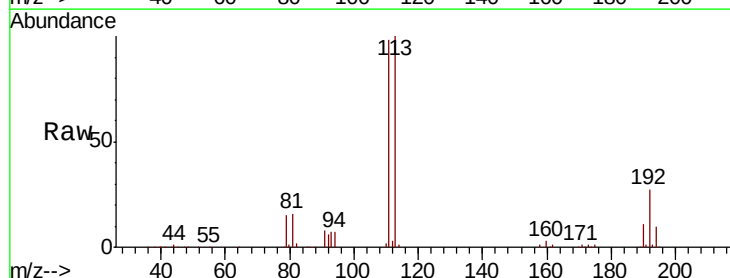
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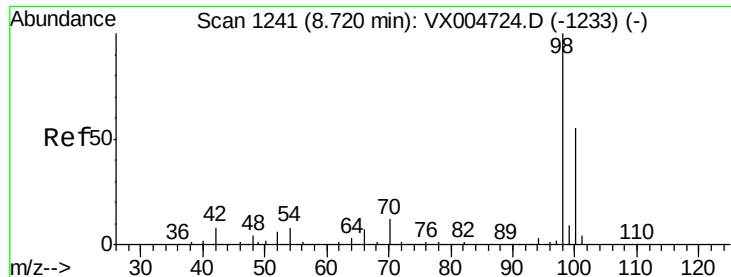
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#35
 Dibromofluoromethane
 Concen: 51.436 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004845.D
 Acq: 29 Sep 2018 02:45

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	164393		
111	102.7	82.4	123.6	
192	23.6	19.4	29.2	





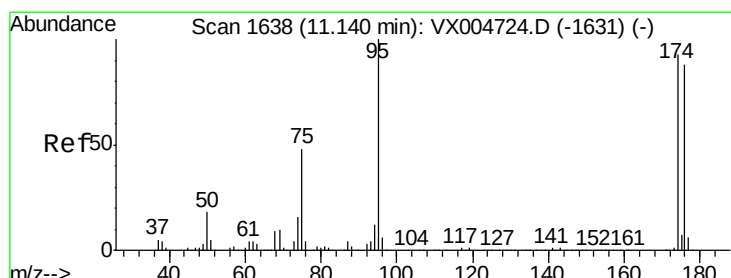
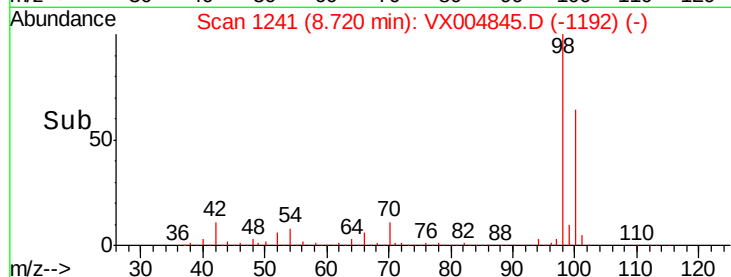
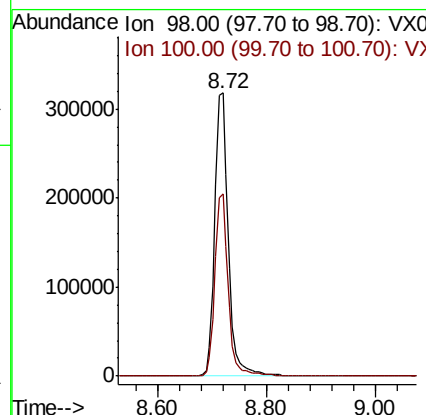
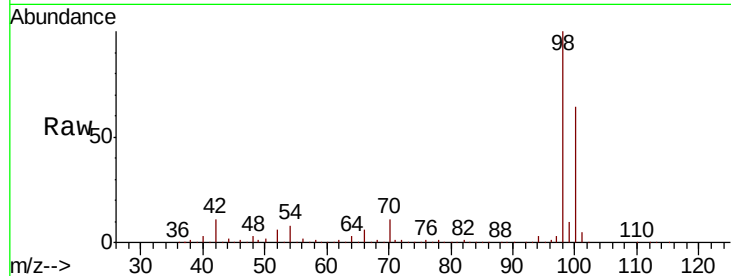
#50
Toluene-d8
Concen: 51.656 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004845.D
Acq: 29 Sep 2018 02:45

Instrument :
MSVOA_X
ClientSampleId :
SA-TW505-2125

Tot Ion: 98 Resp: 548856
Ion Ratio Lower Upper
98 100
100 63.4 52.9 79.3

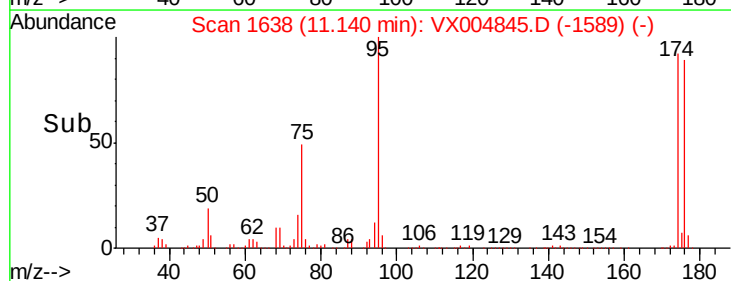
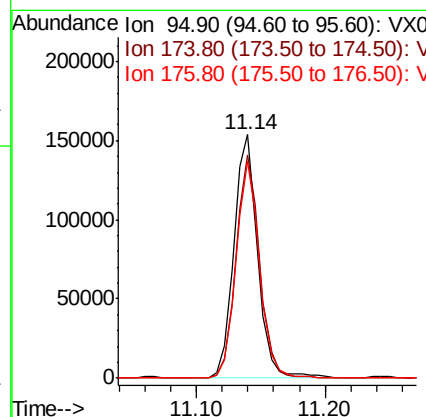
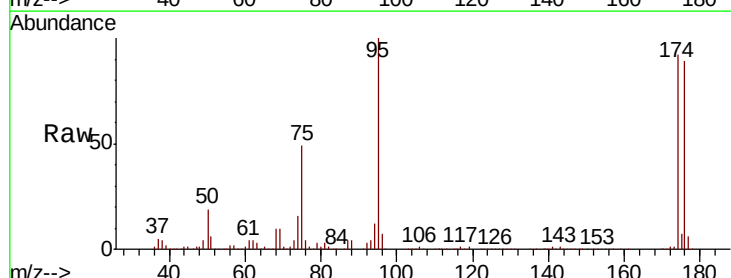
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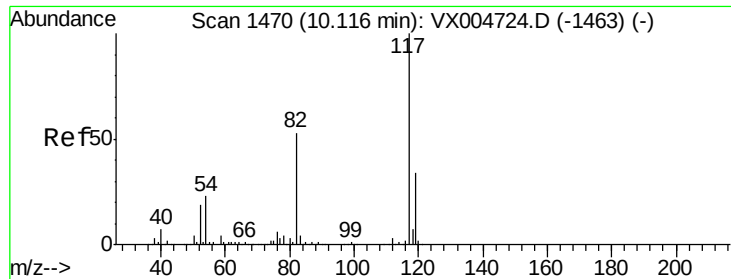
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#62
4-Bromofluorobenzene
Concen: 52.041 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004845.D
Acq: 29 Sep 2018 02:45

Tgt Ion: 95 Resp: 199203
Ion Ratio Lower Upper
95 100
174 91.0 0.0 185.2
176 87.6 0.0 178.6





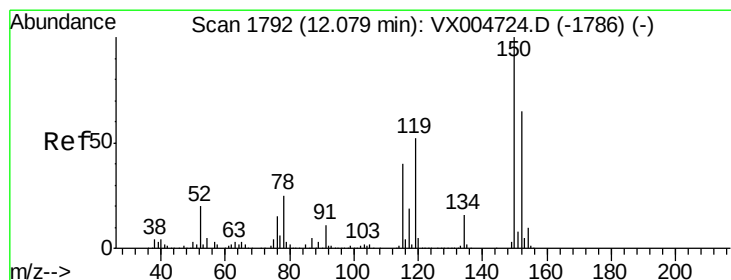
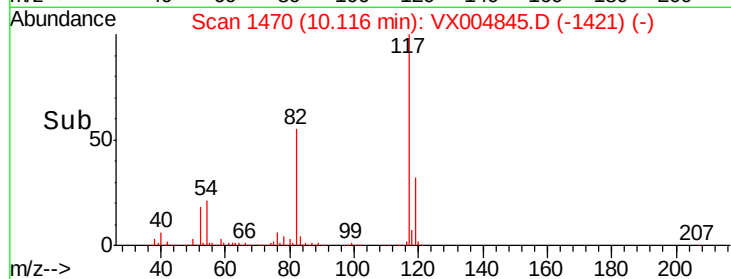
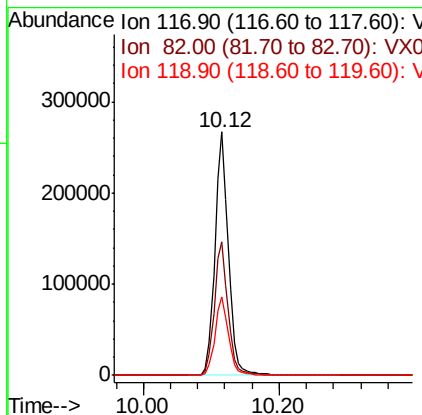
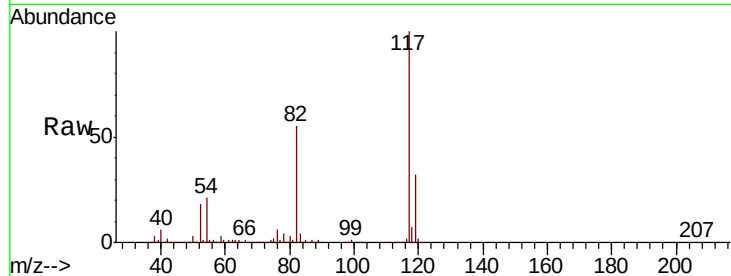
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004845.D
Acq: 29 Sep 2018 02:45

Instrument :
MSVOA_X
ClientSampled :
SA-TW505-2125

Tot Ion	Ratio	Resp	Lower	Upper
117	100	366342		
82	54.6	47.8	71.6	
119	32.0	29.3	43.9	

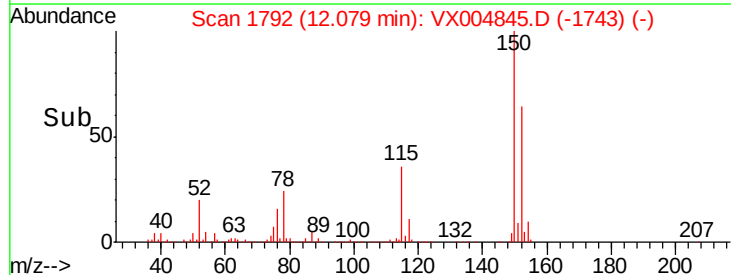
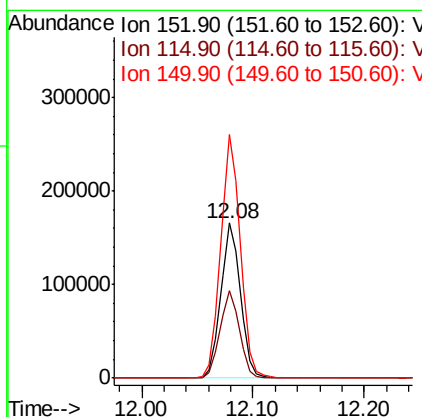
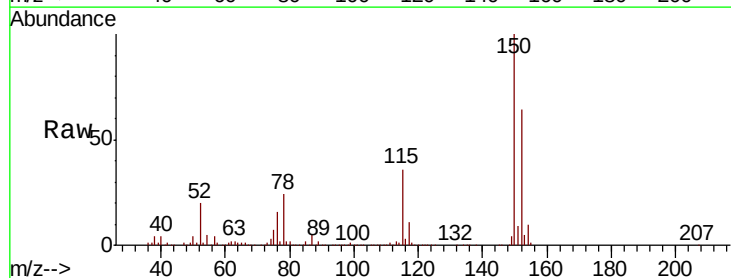
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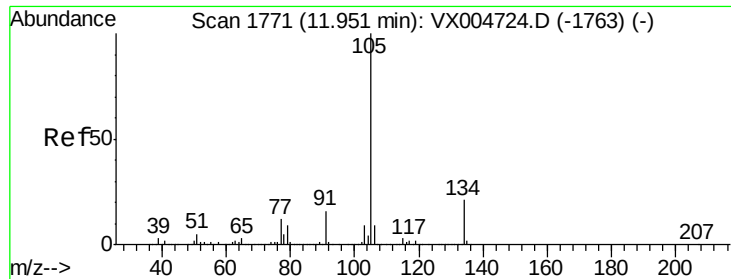
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004845.D
Acq: 29 Sep 2018 02:45

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	201338		
115	55.9	39.0	117.0	
150	156.8	0.0	351.0	





#85

sec-Butylbenzene

Concen: 0.898 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004845.D

Acq: 29 Sep 2018 02:45

Instrument :

MSVOA_X

ClientSampleId :

SA-TW505-2125

Tot Ion:105 Resp: 11432

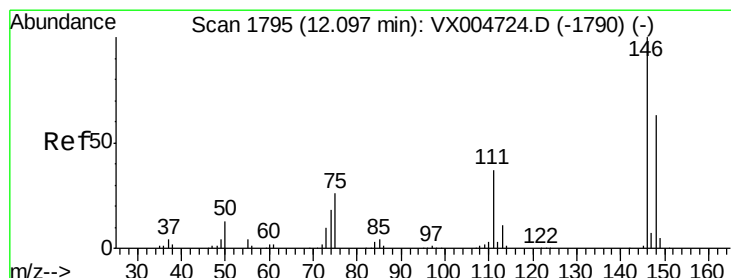
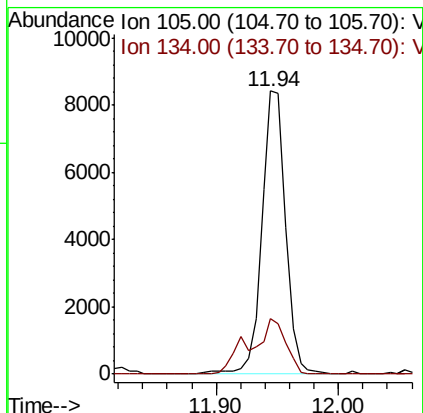
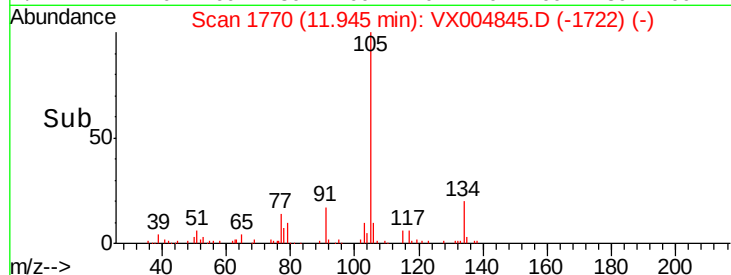
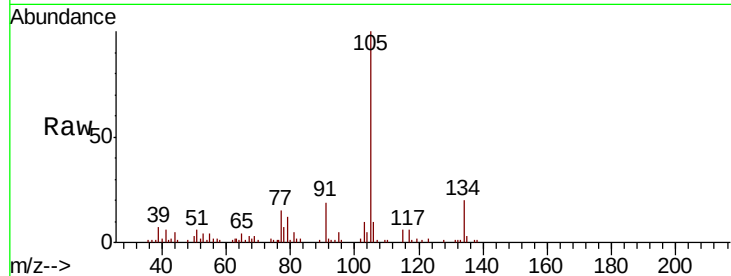
Ion Ratio Lower Upper

105 100

134 20.4 10.5 31.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 1.345 ug/l m

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX004845.D

Acq: 29 Sep 2018 02:45

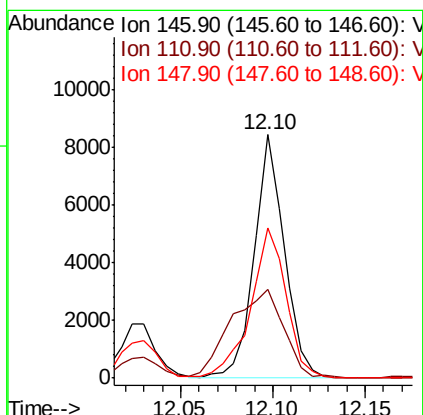
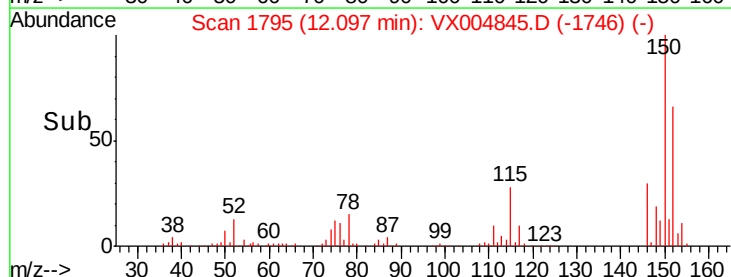
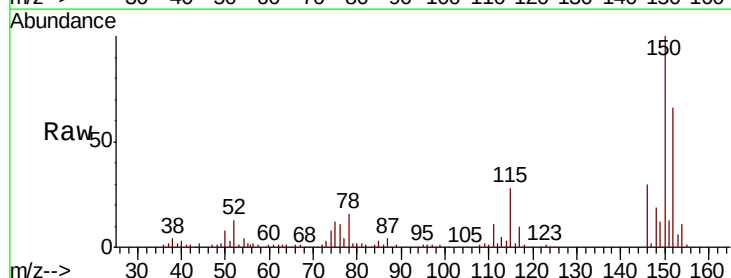
Tgt Ion:146 Resp: 9557

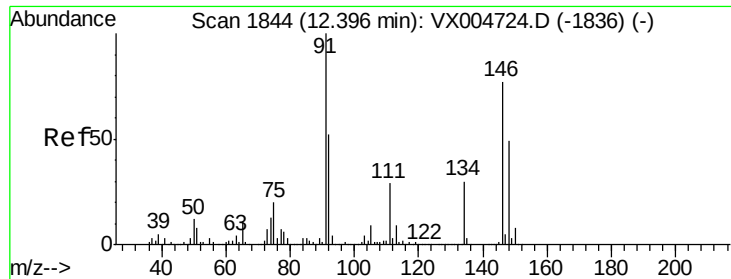
Ion Ratio Lower Upper

146 100

111 12.3 18.1 54.1#

148 19.6 32.0 96.0#





#91
 1,2-Dichlorobenzene
 Concen: 0.542 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX004845.D
 Acq: 29 Sep 2018 02:45

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-TW505-2125

Tot Ion:	146	Resp:	3896
Ion Ratio	Lower	Upper	
146	100		
111	45.5	19.4	58.1
148	62.6	32.8	98.3

Manual Integrations
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