

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
 Data File : VX011384.D
 Acq On : 08 Aug 2019 12:08
 Operator : JC/SP
 Sample : K4220-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25S_080619

Manual Integrations
 APPROVED

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 8/9/2019 11:06:44 AM

Quant Time: Aug 09 04:40:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	150421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	246311	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	108108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	88749	58.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.18%	
35) Dibromofluoromethane	5.49	113	81578	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
50) Toluene-d8	8.71	98	300136	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	103793	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
Target Compounds						
16) Acetone	2.43	43	3409	4.728	ug/l	95
30) Chloroform	5.20	83	4287m	1.668	ug/l	
64) Tetrachloroethene	9.34	164	10453	5.260	ug/l	97

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

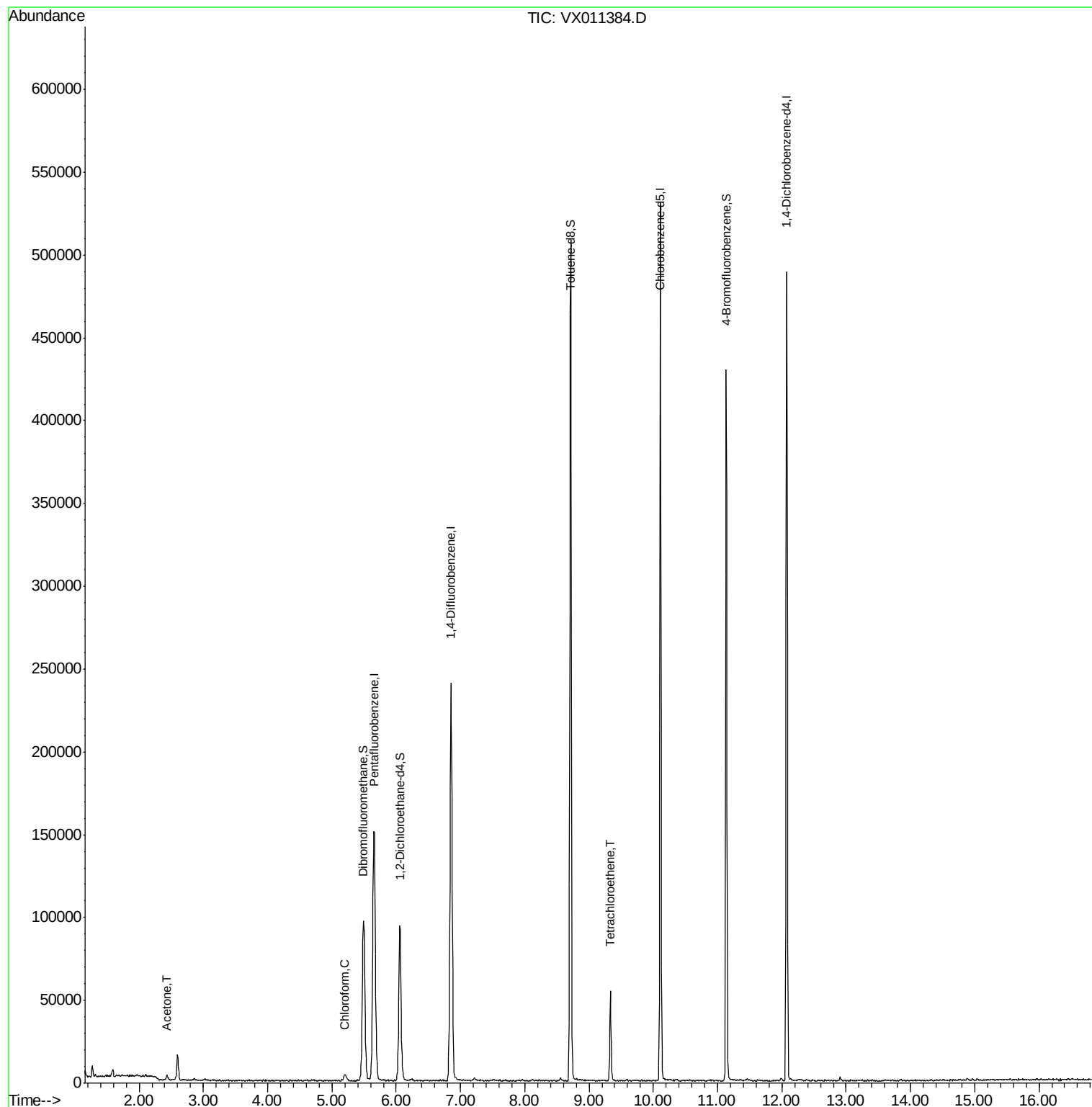
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080819\
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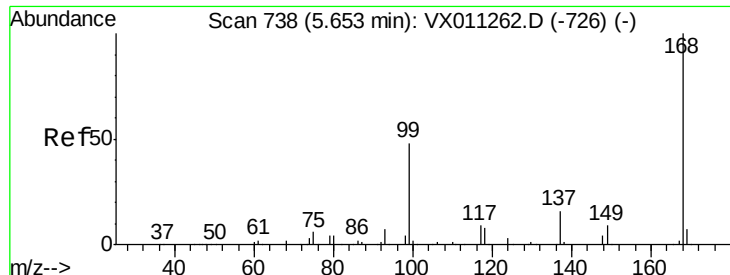
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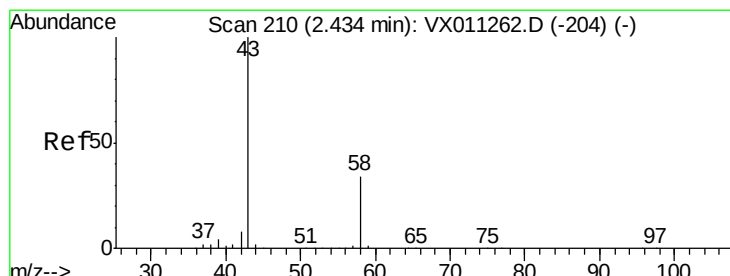
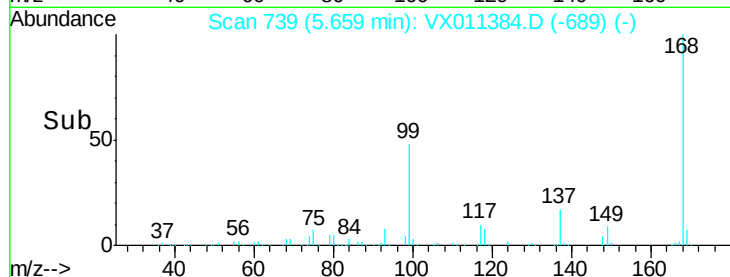
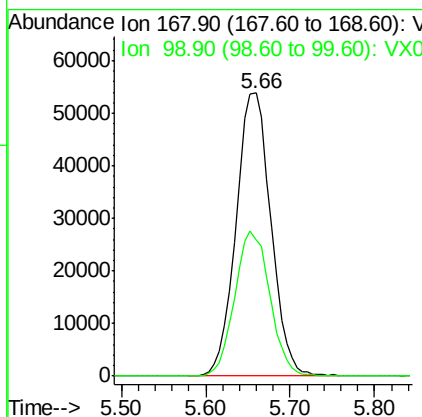
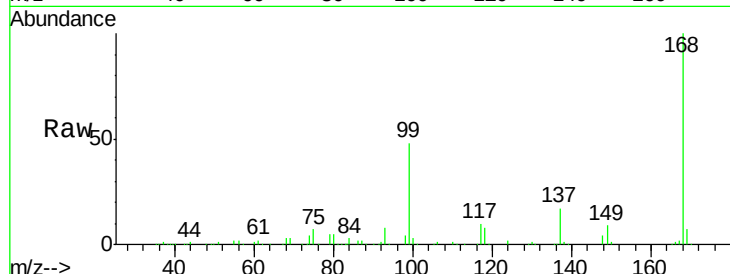
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011384.D
Acq: 08 Aug 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
MW-25S_080619

Tot Ion	Ratio	Resp	Lower	Upper
168	100	150421		
99	48.3	38.5	57.7	

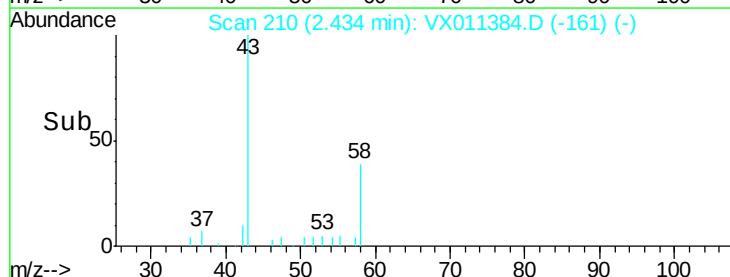
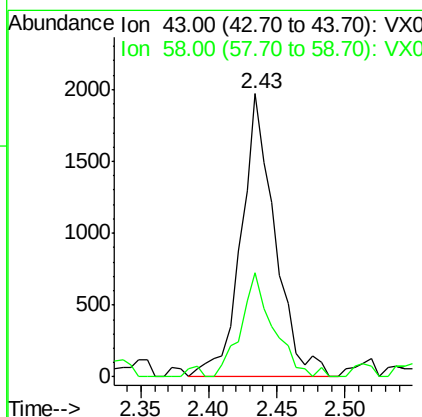
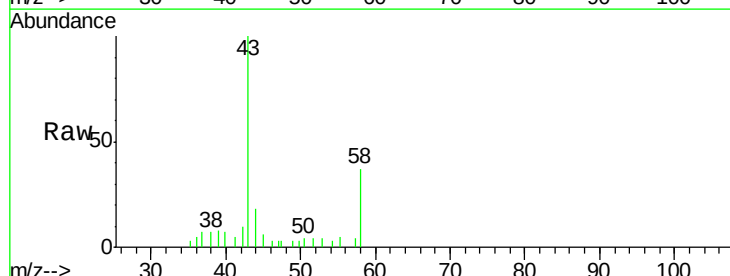
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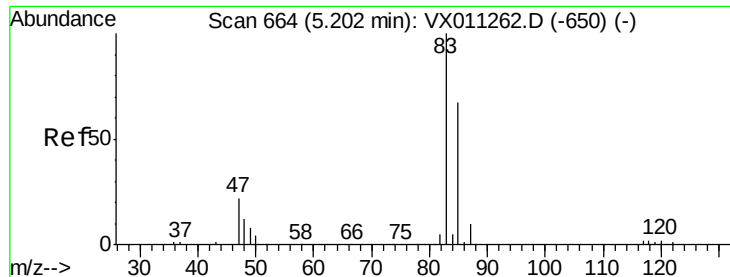
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#16
Acetone
Concen: 4.728 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011384.D
Acq: 08 Aug 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	3409		
58	37.0	27.4	41.0	





#30

Chloroform

Concen: 1.668 ug/l m

RT: 5.20 min Scan# 663

Delta R.T. -0.01 min

Lab File: VX011384.D

Acq: 08 Aug 2019 12:08

Tot Ion: 83 Resp: 4287

Ion Ratio Lower Upper

83 100

85 54.3 53.4 80.0

Instrument :

MSVOA_X

ClientSampleId :

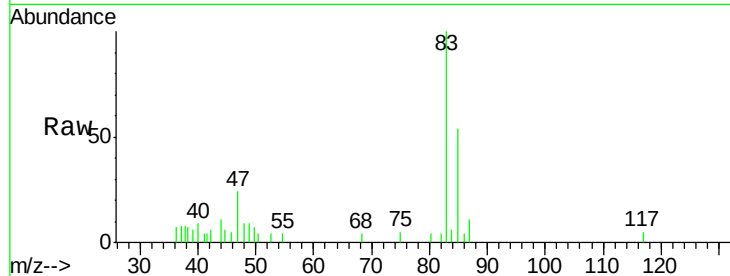
MW-25S_080619

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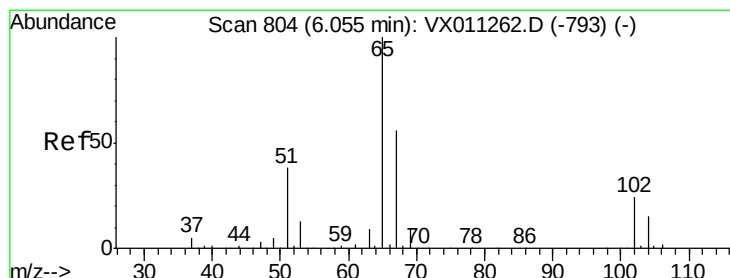
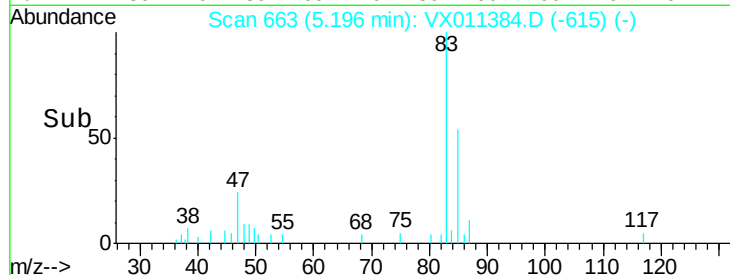
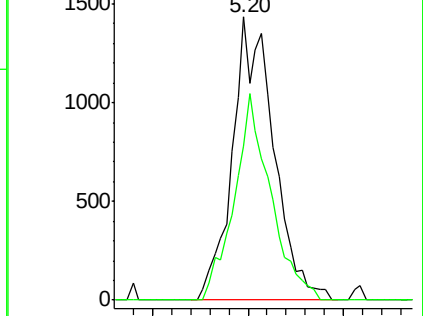
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 58.587 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011384.D

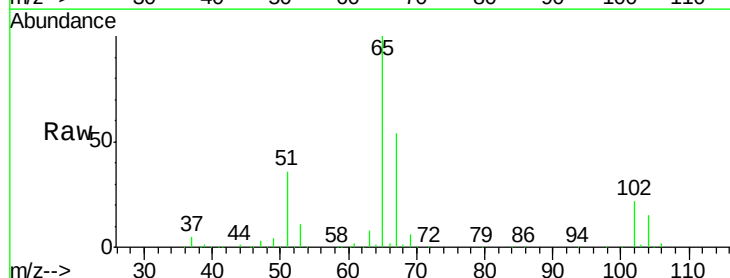
Acq: 08 Aug 2019 12:08

Tgt Ion: 65 Resp: 88749

Ion Ratio Lower Upper

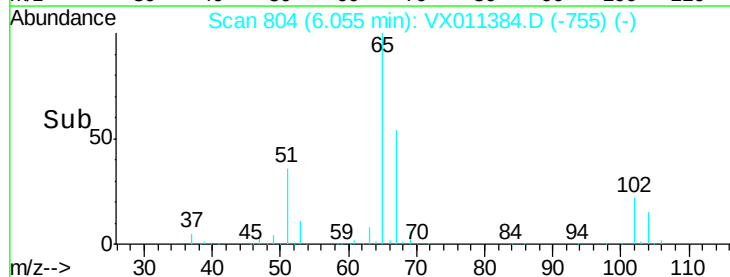
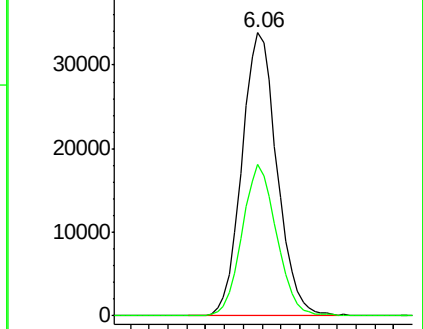
65 100

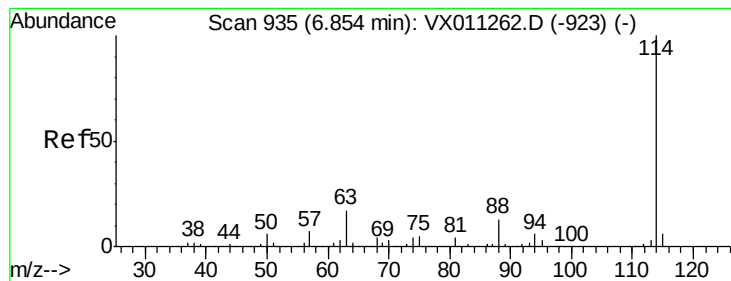
67 52.4 0.0 110.6



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: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011384.D

Acq: 08 Aug 2019 12:08

Instrument :

MSVOA_X

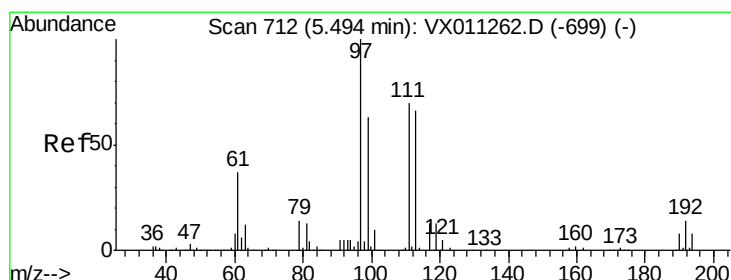
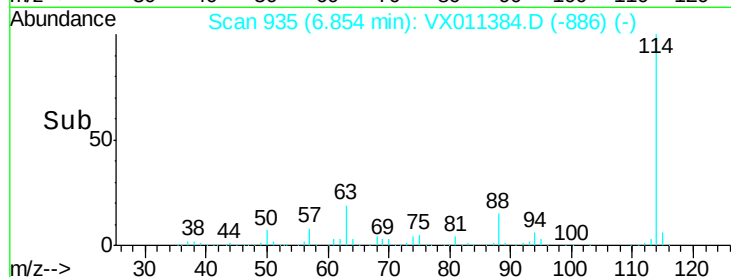
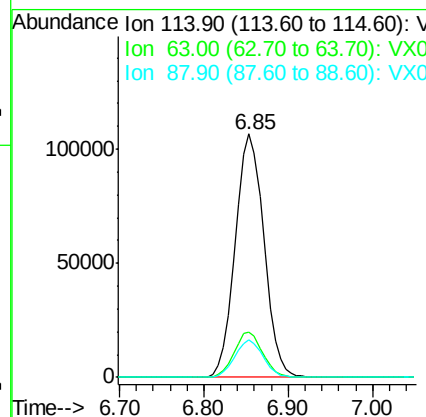
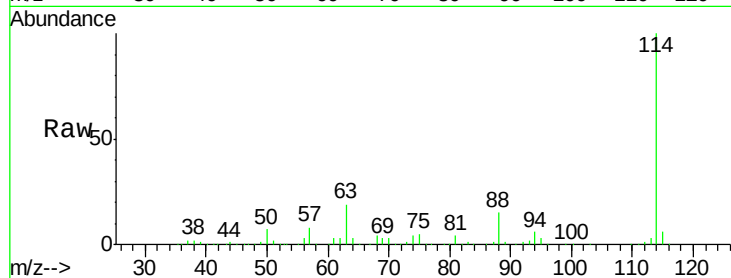
ClientSampleId :

MW-25S_080619

Tot Ion	Ratio	Resp	Lower	Upper
114	100	246311		
63	18.6	0.0	34.0	
88	15.3	0.0	26.4	

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#35

Dibromofluoromethane

Concen: 50.729 ug/l

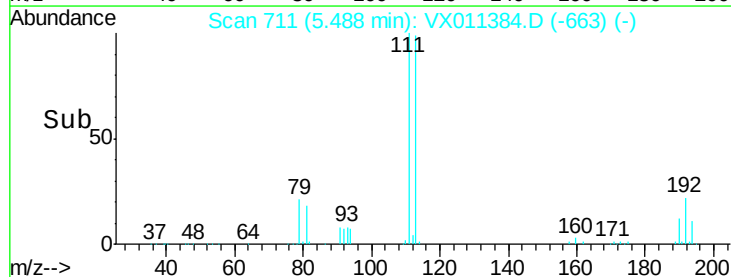
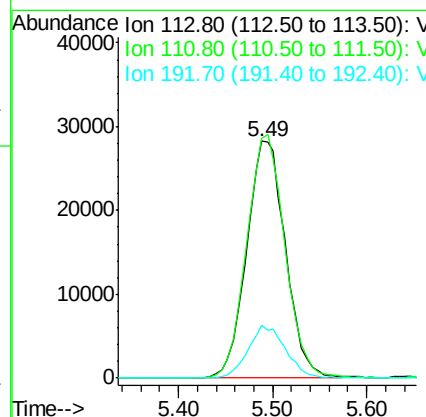
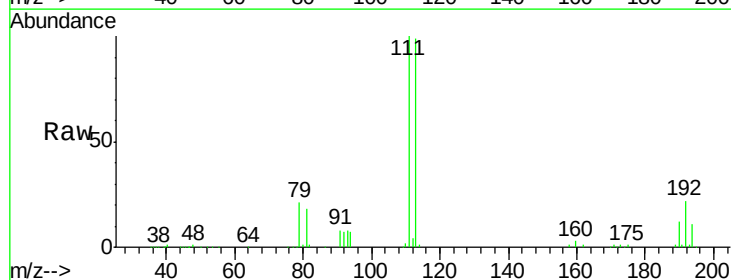
RT: 5.49 min Scan# 711

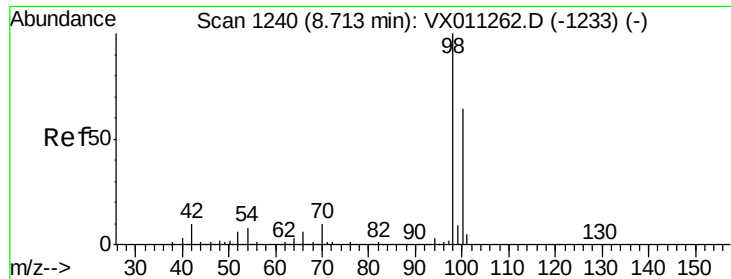
Delta R.T. -0.01 min

Lab File: VX011384.D

Acq: 08 Aug 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	81578		
111	101.5	81.9	122.9	
192	21.3	17.8	26.8	





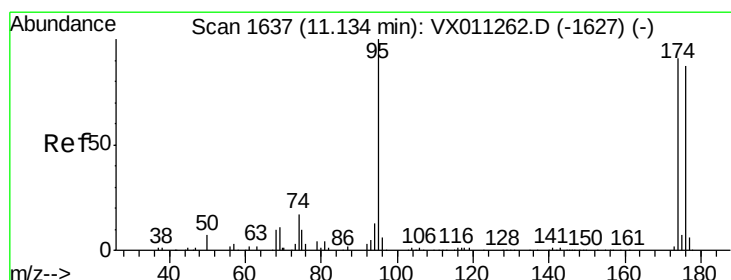
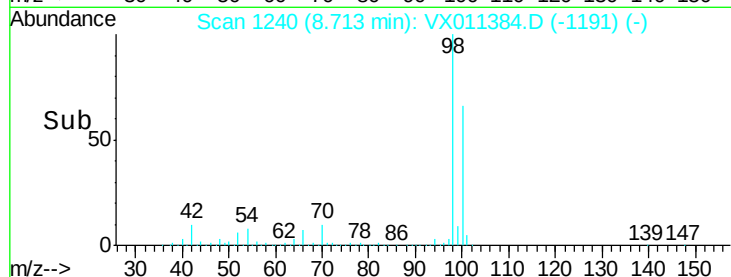
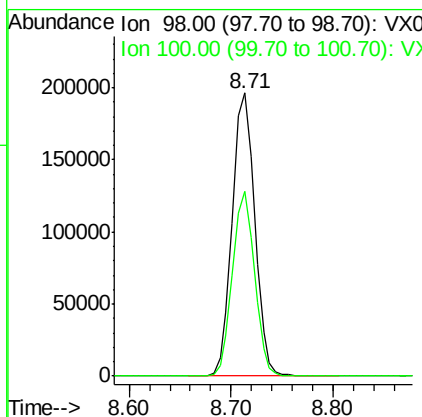
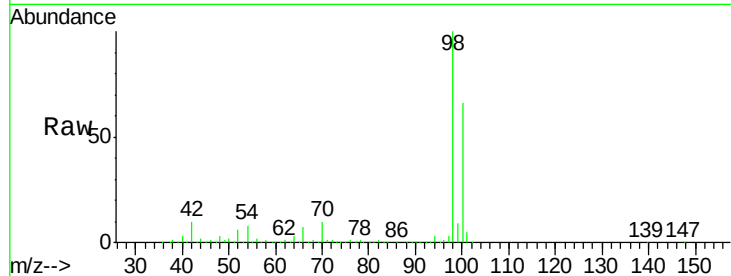
#50
Toluene-d8
Concen: 49.445 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011384.D
Acq: 08 Aug 2019 12:08

Instrument :
MSVOA_X
ClientSampleId :
MW-25S_080619

Tot Ion: 98 Resp: 300136
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5

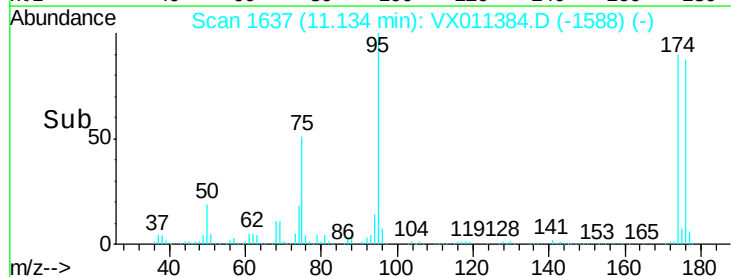
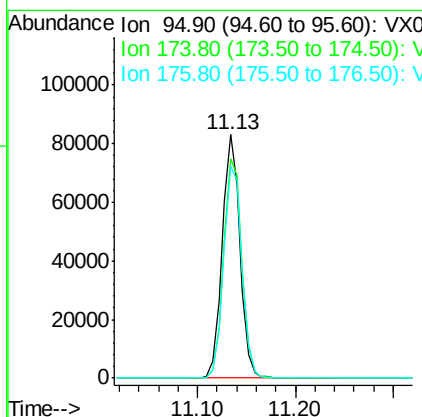
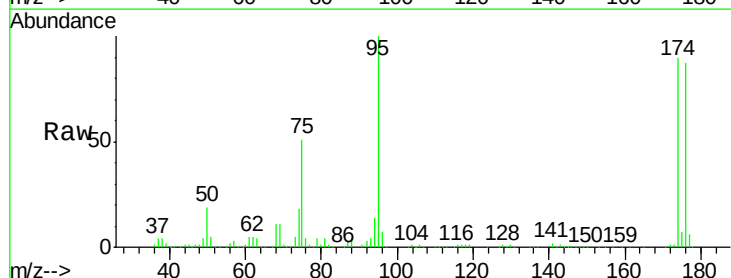
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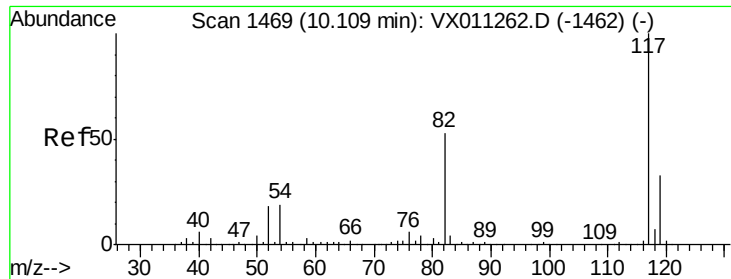
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#62
4-Bromofluorobenzene
Concen: 47.893 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011384.D
Acq: 08 Aug 2019 12:08

Tgt Ion: 95 Resp: 103793
Ion Ratio Lower Upper
95 100
174 93.3 0.0 191.2
176 90.1 0.0 184.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011384.D

Acq: 08 Aug 2019 12:08

Instrument :

MSVOA_X

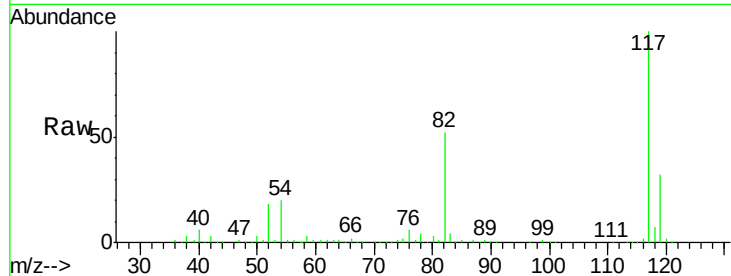
ClientSampleId :

MW-25S_080619

Tot Ion:	117	Resp:	234000
Ion Ratio	Lower	Upper	
117	100		
82	52.3	42.2	63.2
119	32.3	26.6	39.8

Manual Integrations
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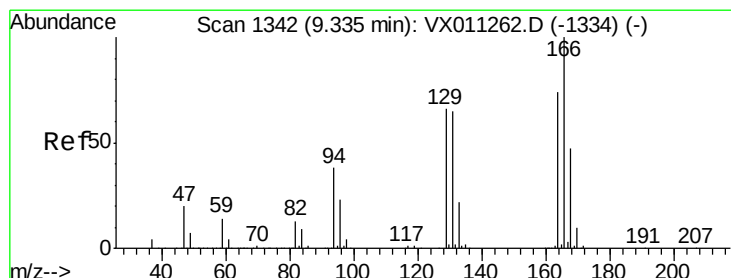
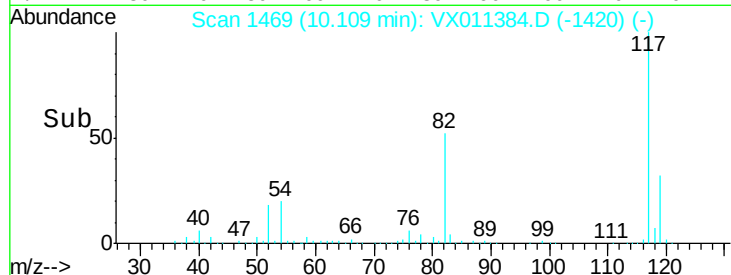
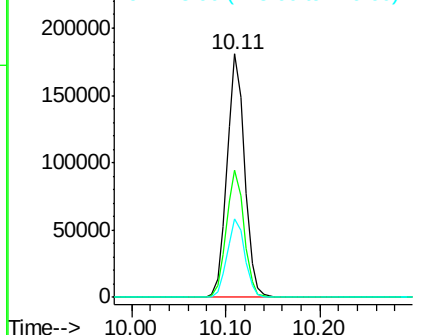


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 5.260 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX011384.D

Acq: 08 Aug 2019 12:08

Tgt Ion:	164	Resp:	10453
Ion Ratio	Lower	Upper	
164	100		
166	140.7	107.5	161.3
129	90.1	71.0	106.4
131	85.7	69.8	104.6

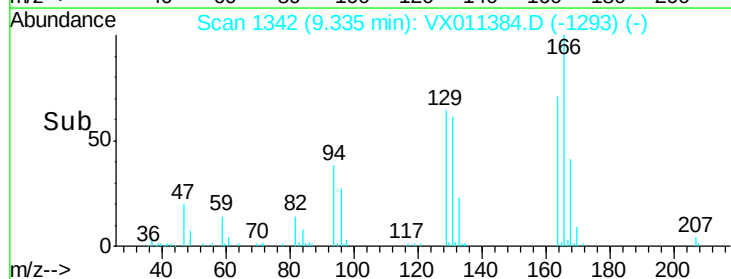
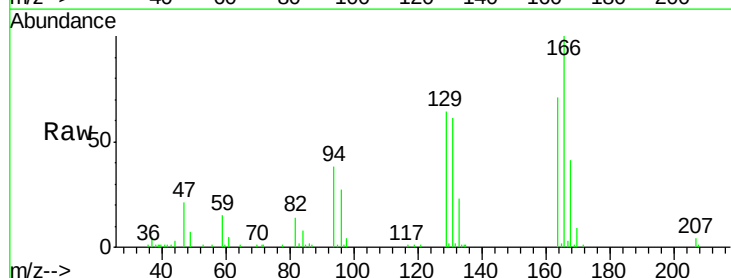
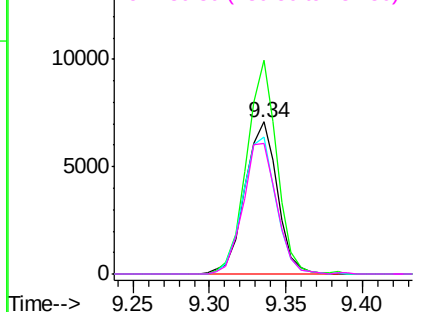
Abundance

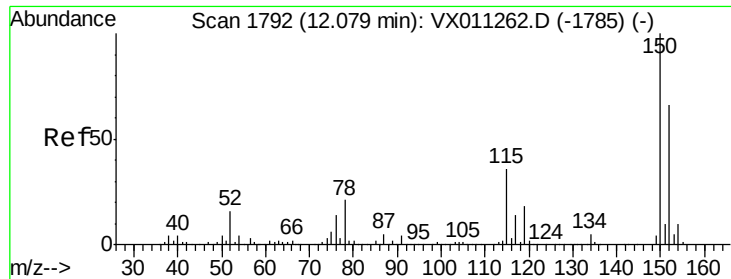
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





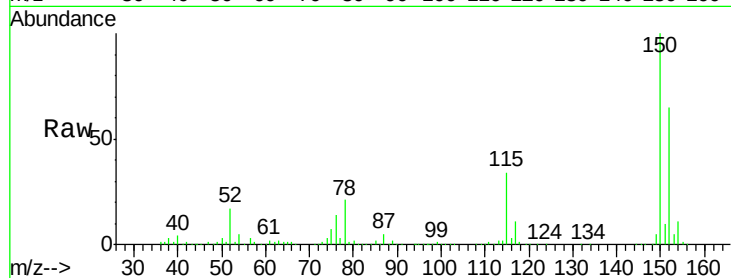
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011384.D
 Acq: 08 Aug 2019 12:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-25S_080619

Tot Ion	Ratio	Resp Lower	Resp Upper
152	100		
115	54.3	40.0	119.9
150	154.4	0.0	350.4

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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

