

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017052.D
 Acq On : 30 Jun 2020 17:56
 Operator : JC/SP
 Sample : L3123-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

MMDadoda
 7/6/2020 4:45:56 PM

Quant Time: Jul 01 09:31:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	233869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	397628	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	413249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211854	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	151472	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.08%	
35) Dibromofluoromethane	5.47	113	130867	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
50) Toluene-d8	8.70	98	491315	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
62) 4-Bromofluorobenzene	11.12	95	201765	55.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.98%	
Target Compounds						
4) Vinyl Chloride	1.39	62	10198	4.013	ug/l	99
12) 1,1-Dichloroethene	2.36	96	44794	19.359	ug/l	100
16) Acetone	2.42	43	7317	6.784	ug/l	93
24) 1,1-Dichloroethane	3.67	63	25457	5.653	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	10936	3.759	ug/l	87
40) Benzene	6.12	78	4581	0.415	ug/l	99
42) 1,2-Dichloroethane	6.17	62	2142m	0.537	ug/l	
49) 1,4-Dioxane	7.72	88	1693	24.826	ug/l #	84

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

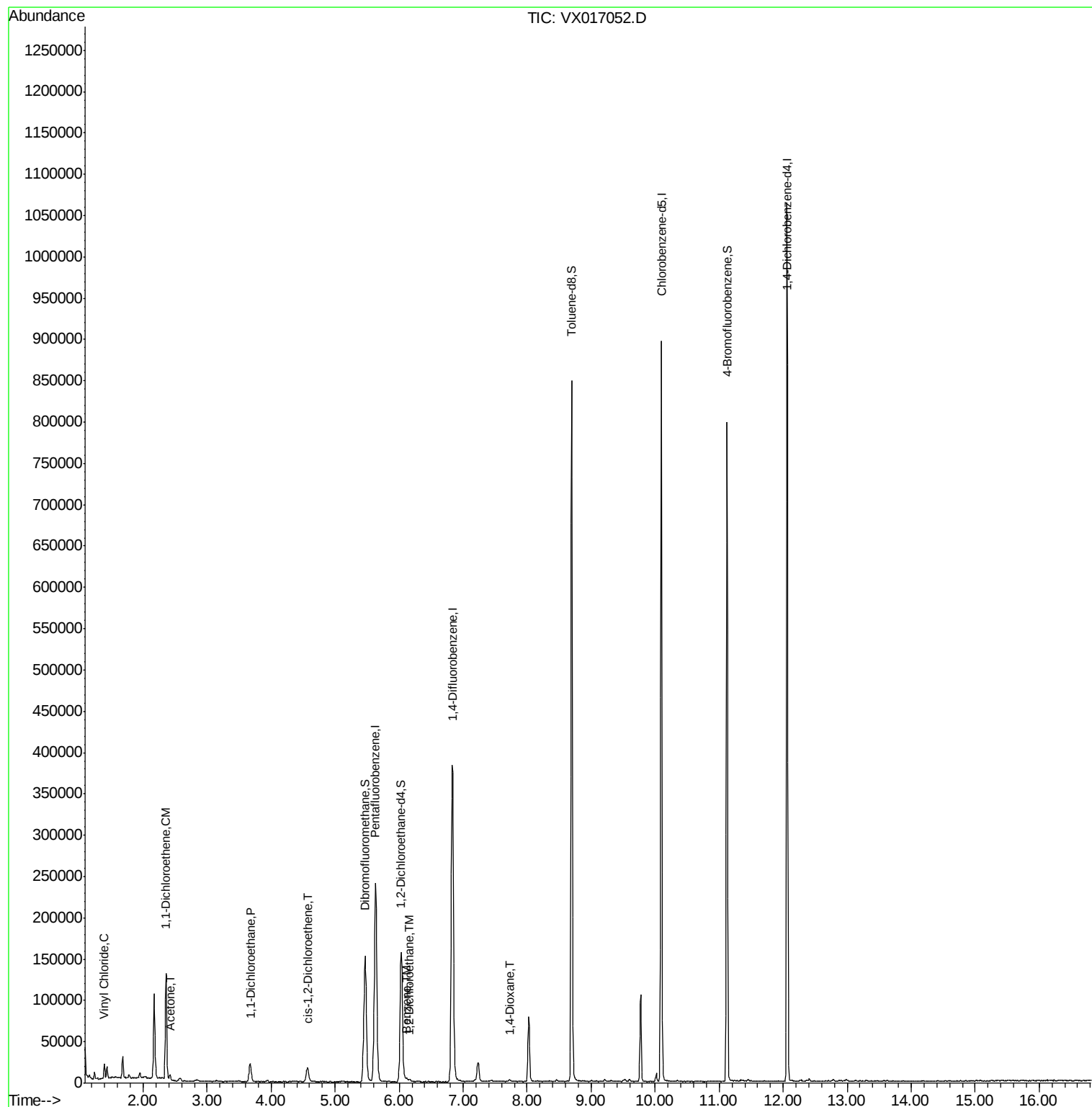
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX063020\
Data File : VX017052.D
Acq On : 30 Jun 2020 17:56
Operator : JC/SP
Sample : L3123-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 22 Sample Multiplier: 1

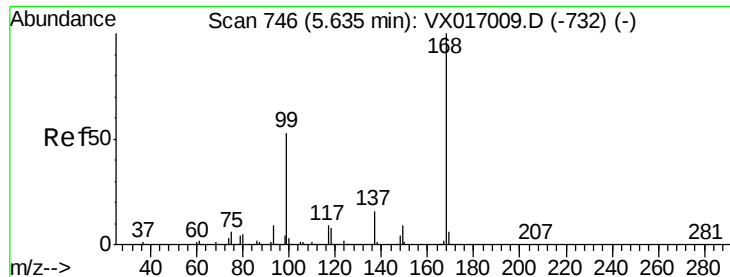
Instrument :
MSVOA_X
ClientSampleId :
MW-3

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Quant Time: Jul 01 09:31:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017052.D

Acq: 30 Jun 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tot Ion:168 Resp: 233869

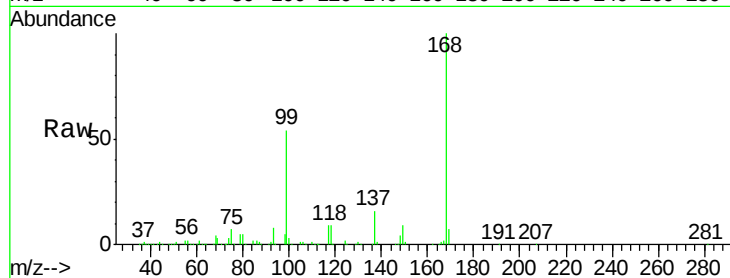
Ion Ratio Lower Upper

168 100

99 53.7 42.6 64.0

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

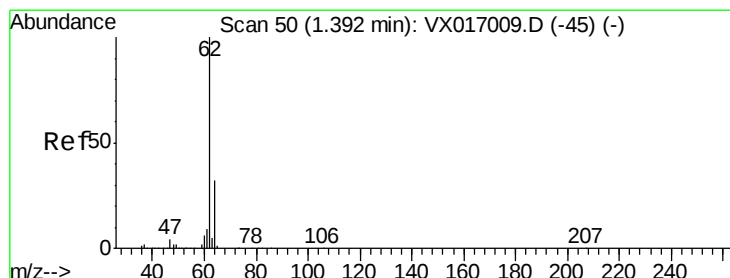
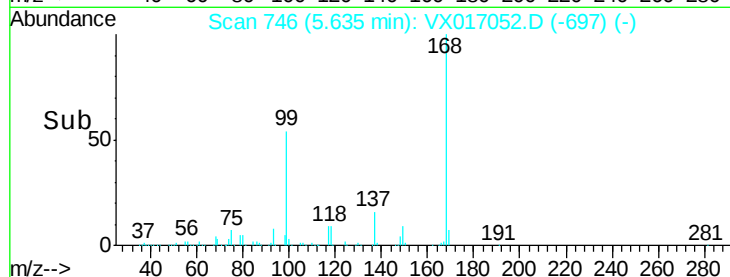
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 4.013 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017052.D

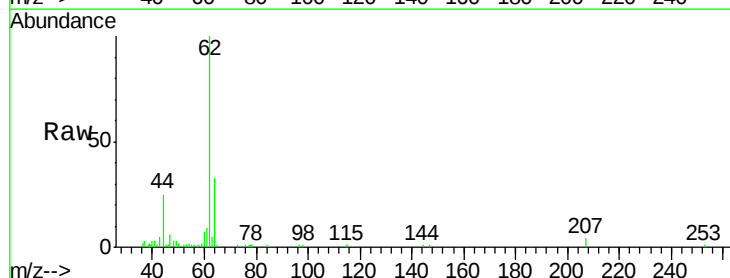
Acq: 30 Jun 2020 17:56

Tgt Ion: 62 Resp: 10198

Ion Ratio Lower Upper

62 100

64 32.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

10000

8000

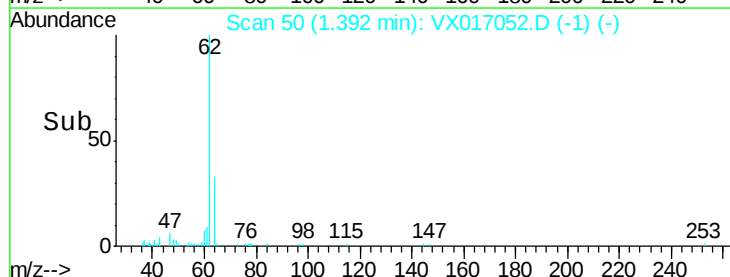
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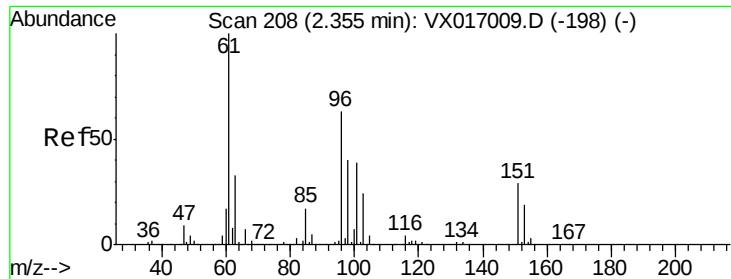
4000

2000

0

Time-->





#12

1,1-Dichloroethene

Concen: 19.359 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017052.D

Acq: 30 Jun 2020 17:56

Instrument :

MSVOA_X

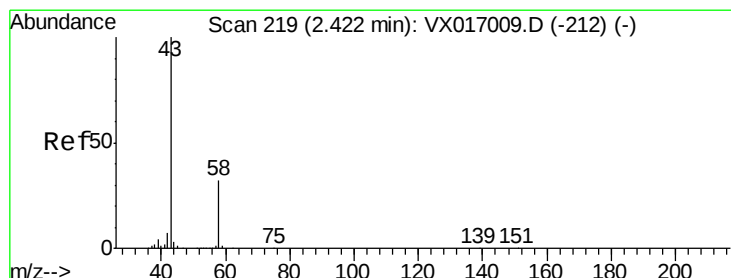
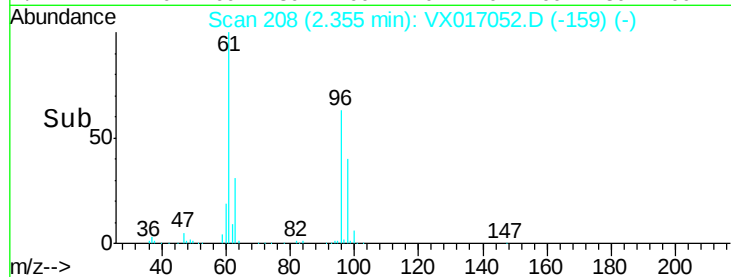
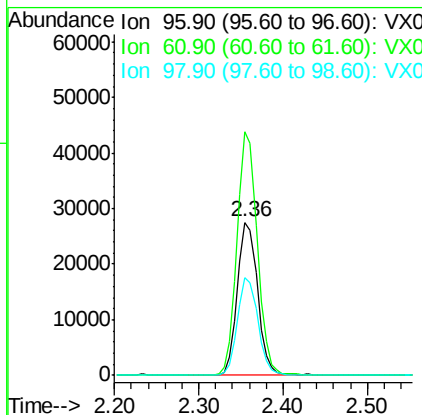
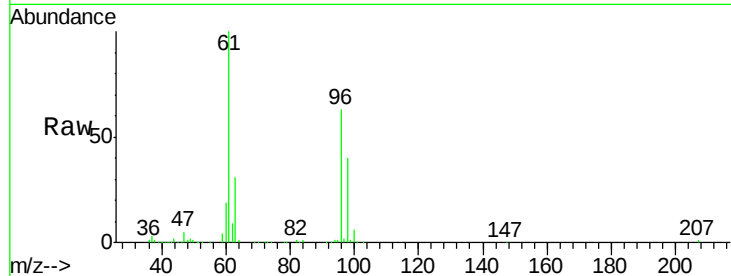
ClientSampled :

MW-3

Tot Ion:	96	Resp:	44794
Ion	Ratio	Lower	Upper
96	100		
61	158.8	126.3	189.5
98	63.8	51.0	76.6

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#16

Acetone

Concen: 6.784 ug/l

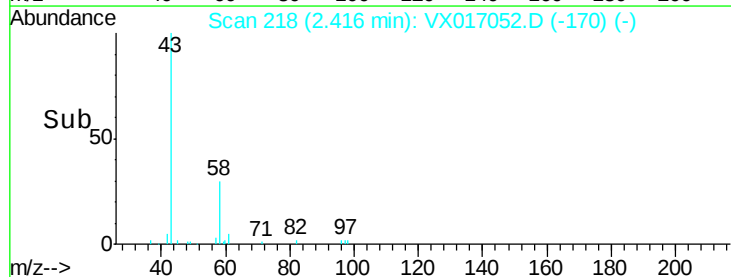
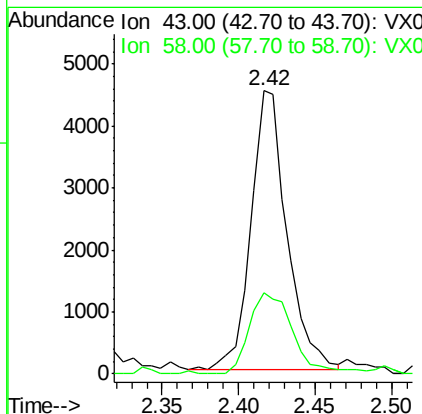
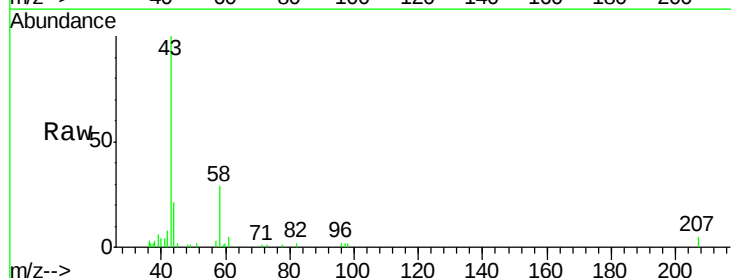
RT: 2.42 min Scan# 218

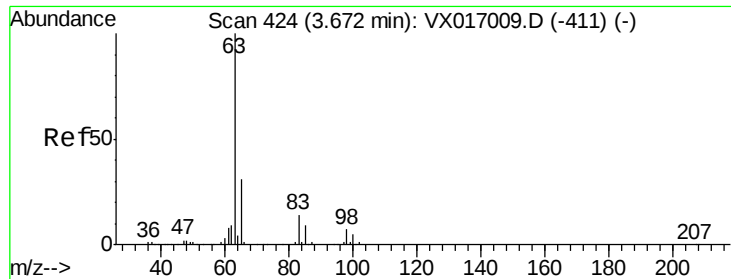
Delta R.T. -0.01 min

Lab File: VX017052.D

Acq: 30 Jun 2020 17:56

Tgt Ion:	43	Resp:	7317
Ion	Ratio	Lower	Upper
43	100		
58	28.1	25.7	38.5





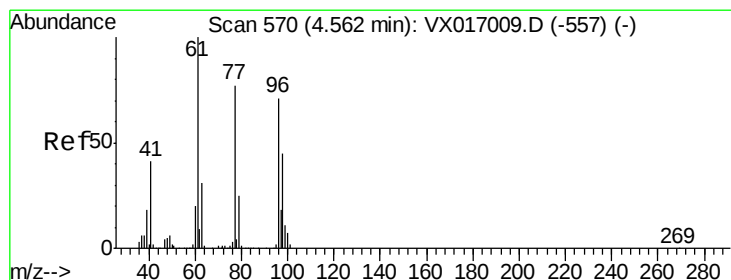
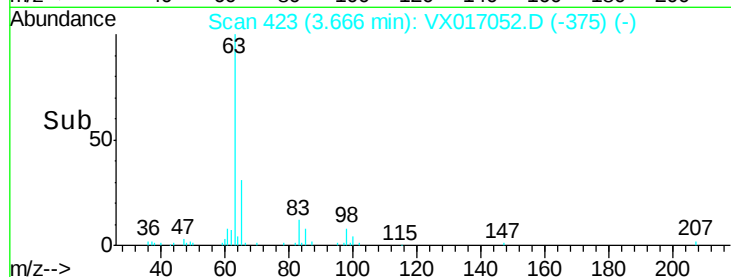
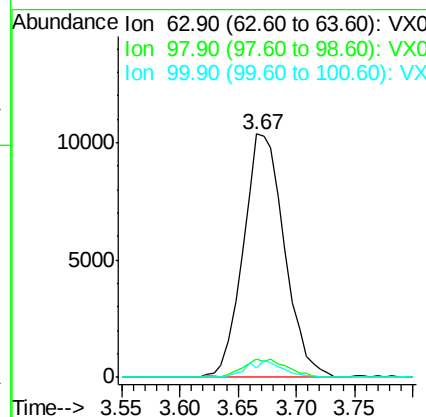
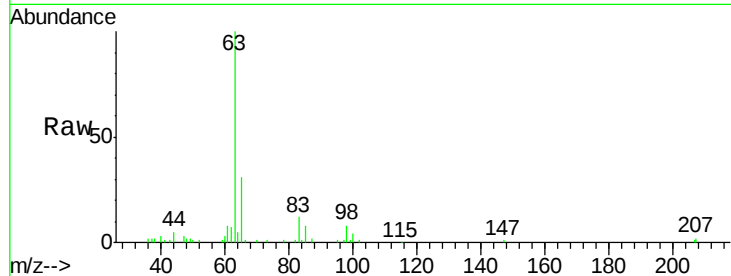
#24
 1,1-Dichloroethane
 Concen: 5.653 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX017052.D
 Acq: 30 Jun 2020 17:56

Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	7.6	3.6	10.8
100	3.7	2.4	7.1

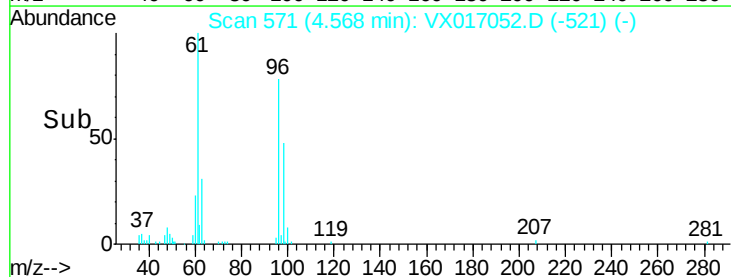
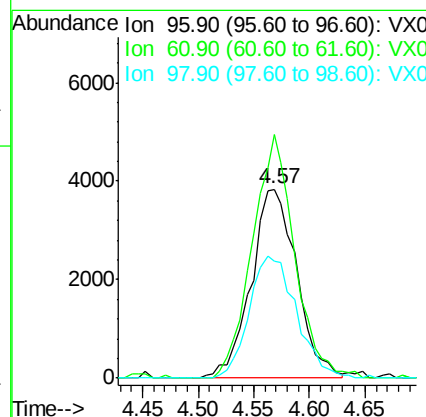
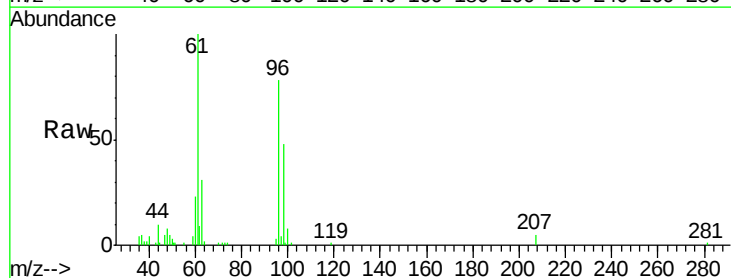
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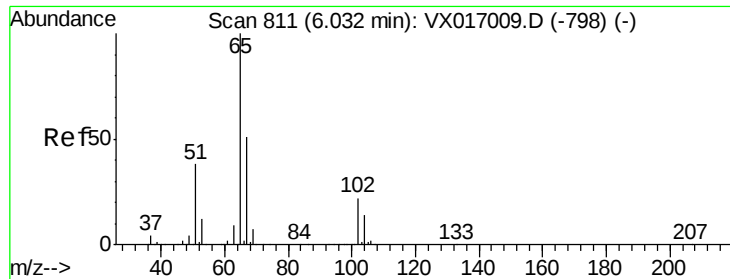
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#27
 cis-1,2-Dichloroethene
 Concen: 3.759 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX017052.D
 Acq: 30 Jun 2020 17:56

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	120.1	0.0	282.8
98	66.7	0.0	127.6





#33

1,2-Dichloroethane-d4

Concen: 52.537 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017052.D

Acq: 30 Jun 2020 17:56

Instrument :

MSVOA_X

ClientSampled :

MW-3

Tot Ion: 65 Resp: 151472

Ion Ratio Lower Upper

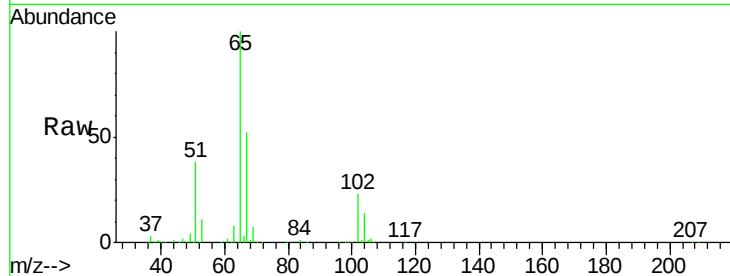
65 100

67 52.2 0.0 103.8

Manual Integrations
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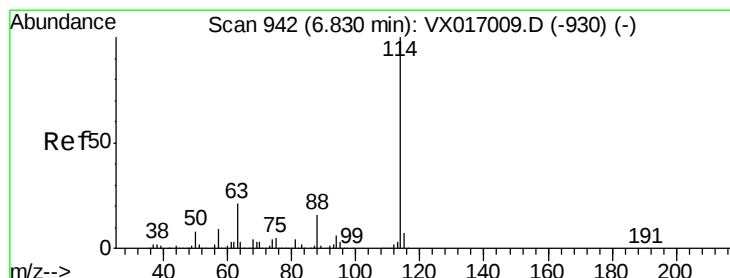
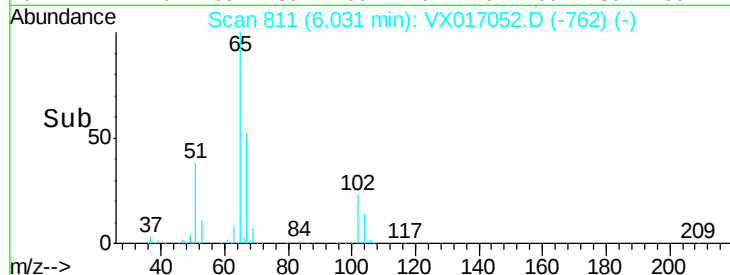
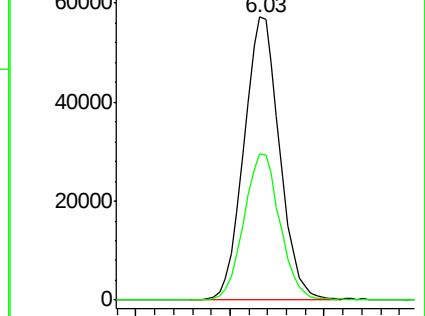
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017052.D

Acq: 30 Jun 2020 17:56

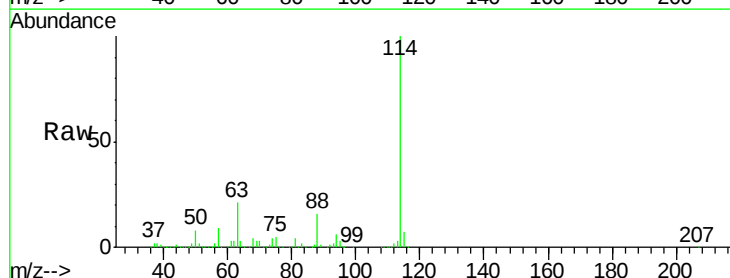
Tgt Ion: 114 Resp: 397628

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

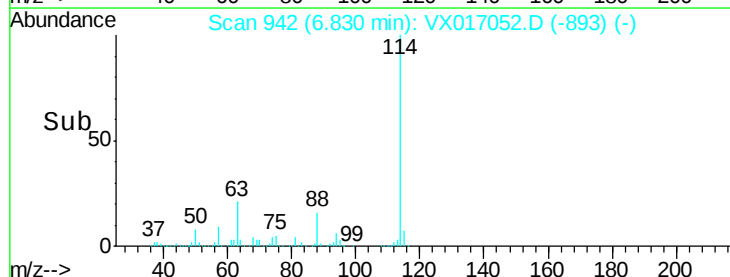
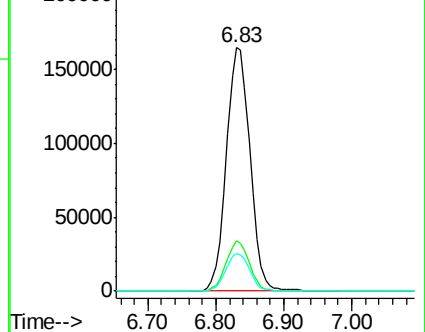
88 15.6 0.0 32.4

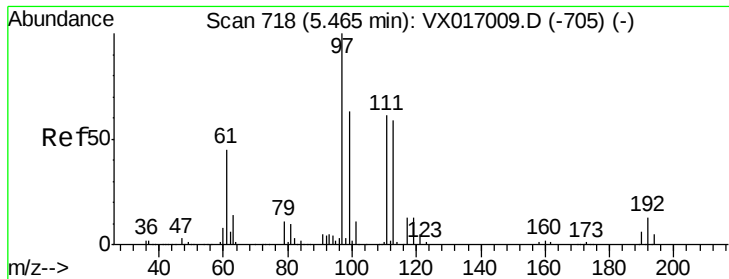


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.029 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017052.D

Acq: 30 Jun 2020 17:56

Instrument :

MSVOA_X

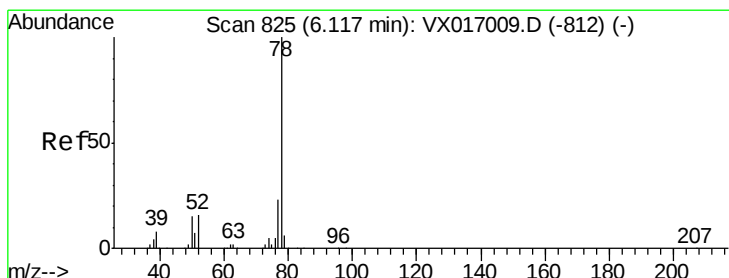
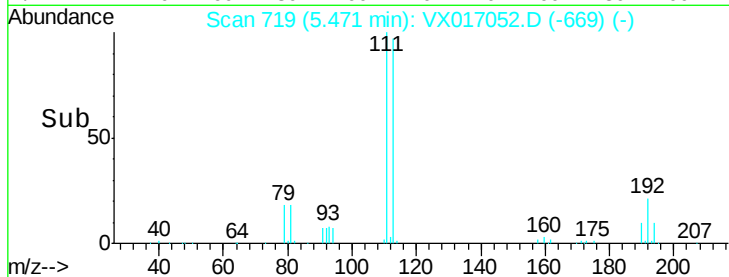
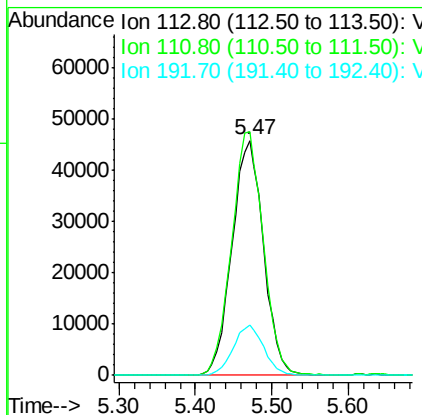
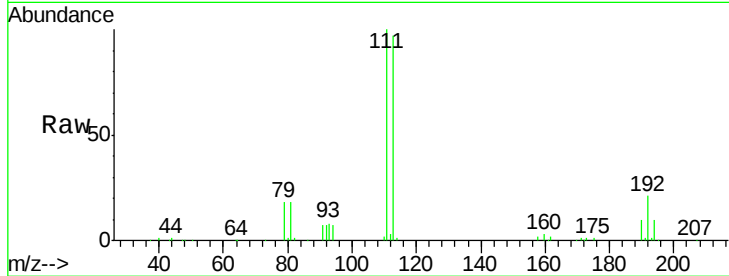
ClientSampled :

MW-3

Tot Ion:	113	Resp:	130867
Ion Ratio	Lower	Upper	
113	100		
111	103.7	81.9	122.9
192	20.7	16.7	25.1

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#40

Benzene

Concen: 0.415 ug/l

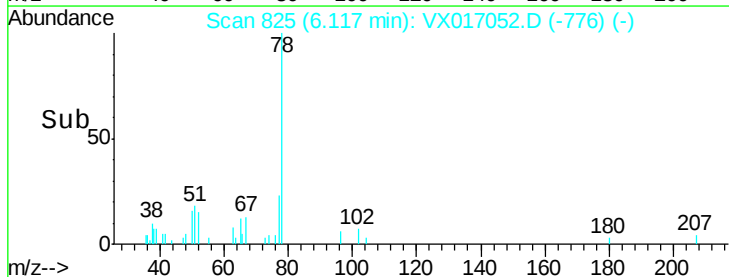
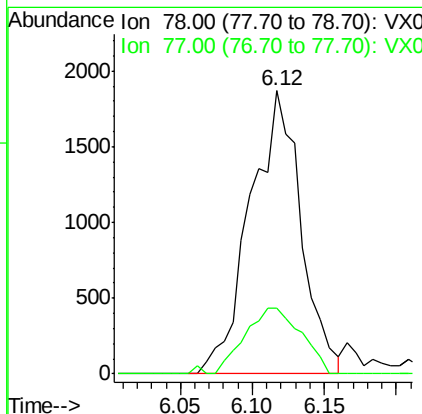
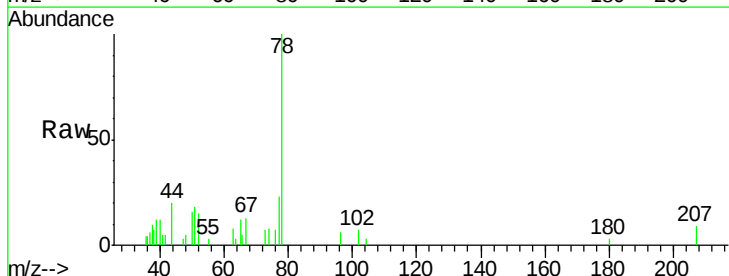
RT: 6.12 min Scan# 825

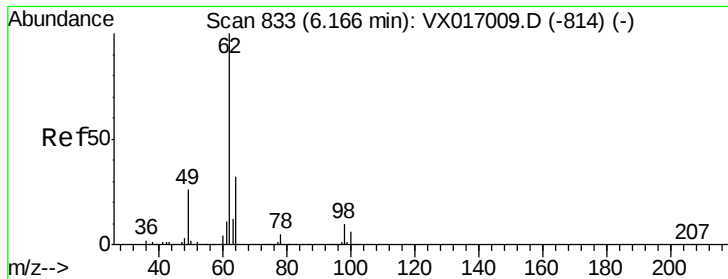
Delta R.T. -0.00 min

Lab File: VX017052.D

Acq: 30 Jun 2020 17:56

Tgt Ion:	78	Resp:	4581
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.3	27.5





#42

1,2-Dichloroethane

Concen: 0.537 ug/l m

RT: 6.17 min Scan# 833

Delta R.T. -0.00 min

Lab File: VX017052.D

Acq: 30 Jun 2020 17:56

Instrument :

MSVOA_X

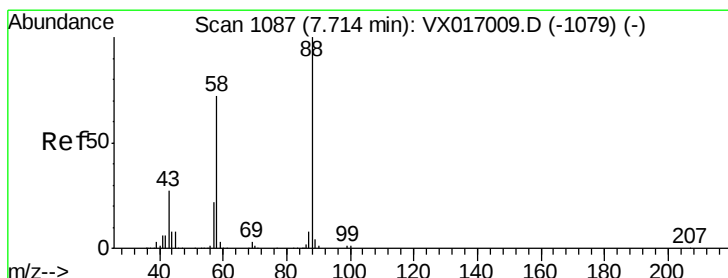
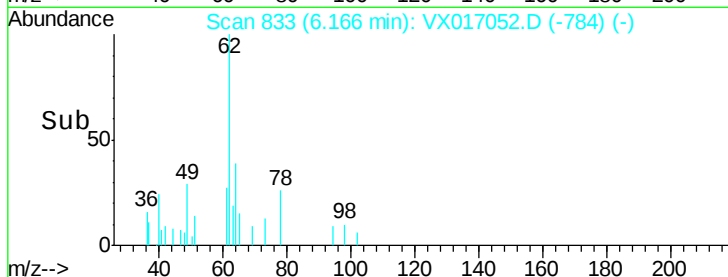
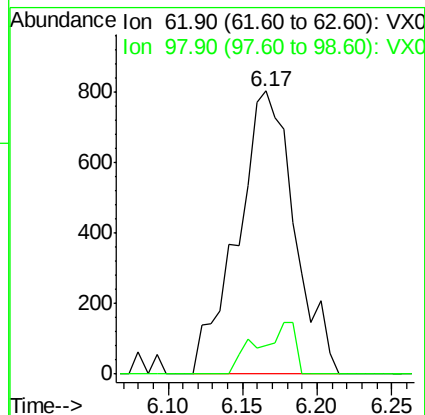
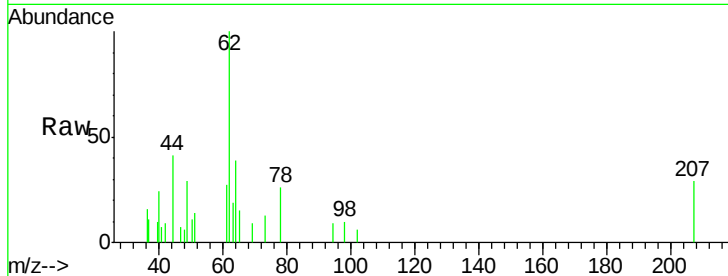
ClientSampleId :

MW-3

Tot Ion:	62	Resp:	2142
Ion Ratio	Lower	Upper	
62	100		
98	0.0	0.0	19.2

Manual Integrations
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#49

1,4-Dioxane

Concen: 24.826 ug/l

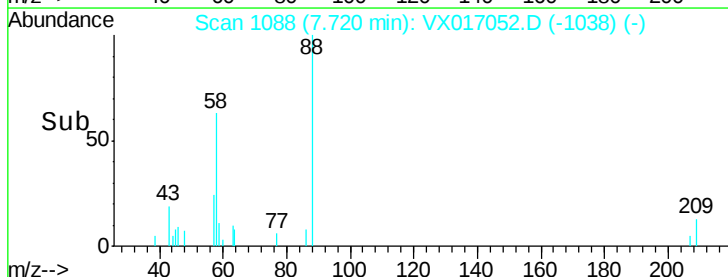
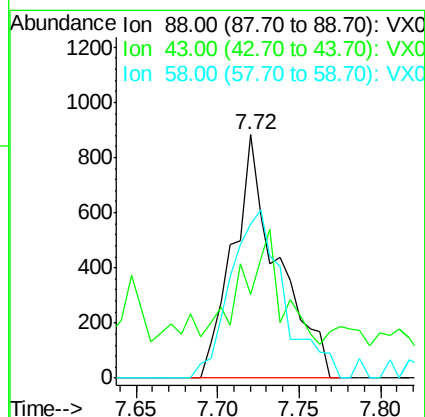
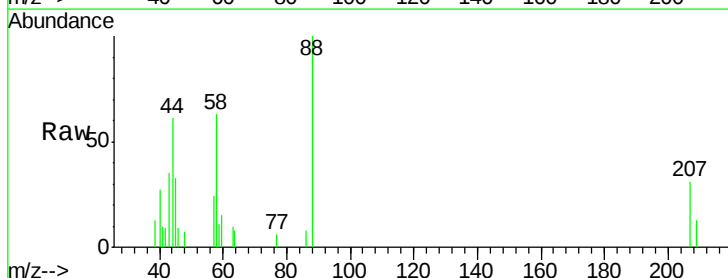
RT: 7.72 min Scan# 1088

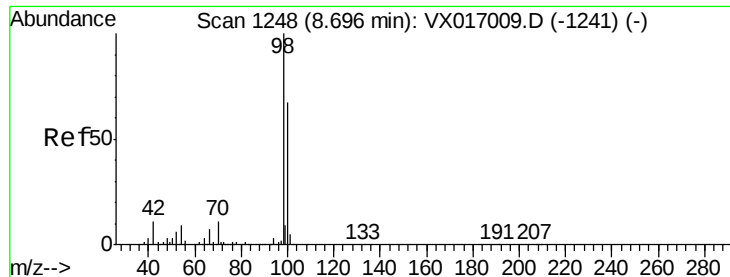
Delta R.T. 0.01 min

Lab File: VX017052.D

Acq: 30 Jun 2020 17:56

Tgt Ion:	88	Resp:	1693
Ion Ratio	Lower	Upper	
88	100		
43	40.5	25.8	38.8#
58	82.6	54.8	82.2#





#50

Toluene-d8

Concen: 52.824 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017052.D

Acq: 30 Jun 2020 17:56

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tot Ion: 98 Resp: 491315

Ion Ratio Lower Upper

98 100

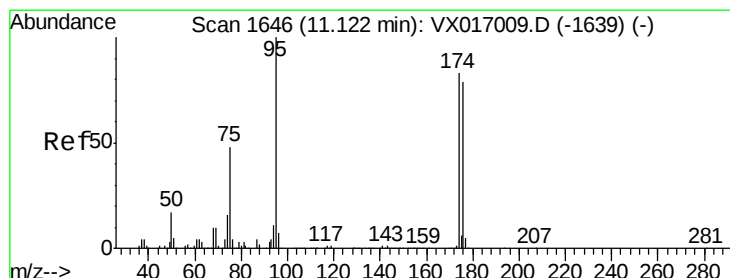
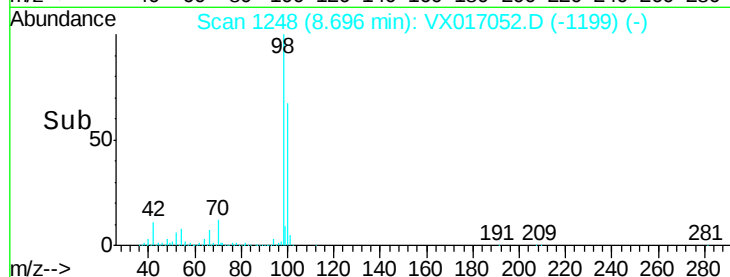
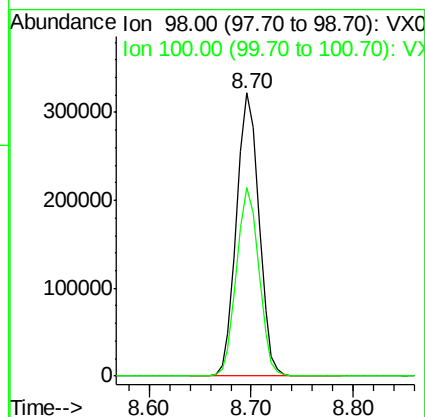
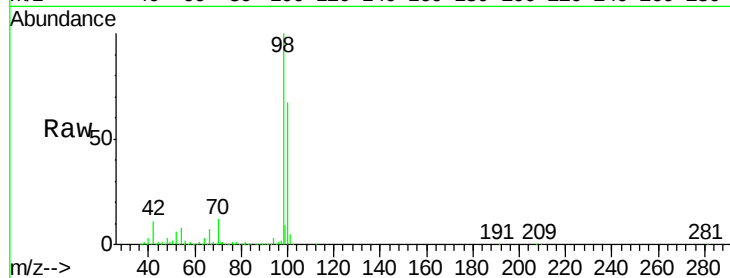
100 66.4 53.8 80.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 55.493 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017052.D

Acq: 30 Jun 2020 17:56

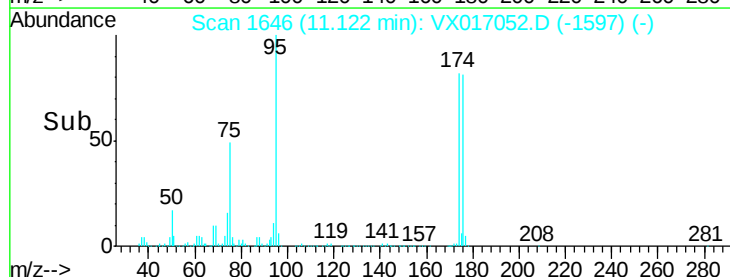
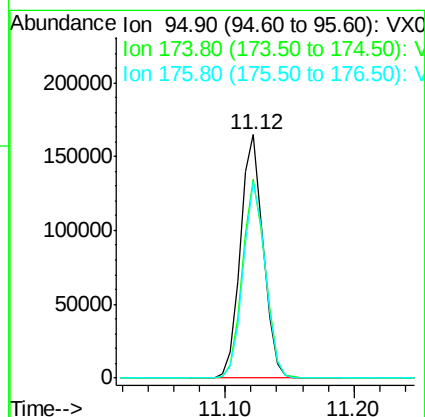
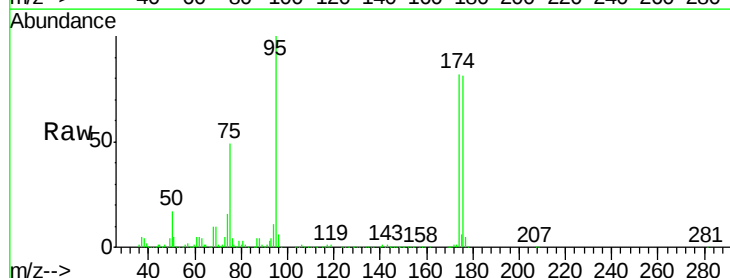
Tgt Ion: 95 Resp: 201765

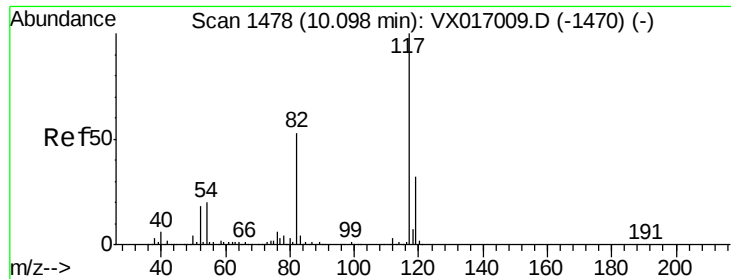
Ion Ratio Lower Upper

95 100

174 81.5 0.0 164.0

176 78.9 0.0 157.6





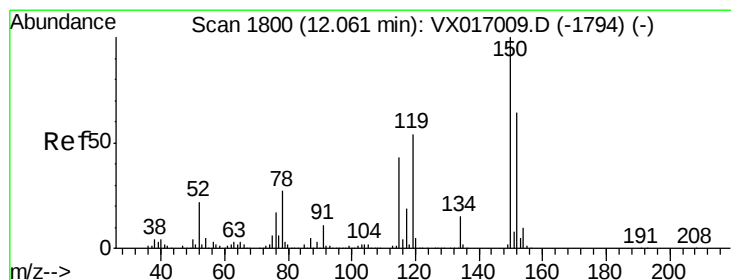
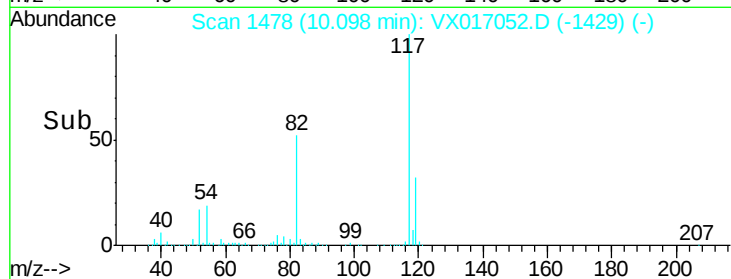
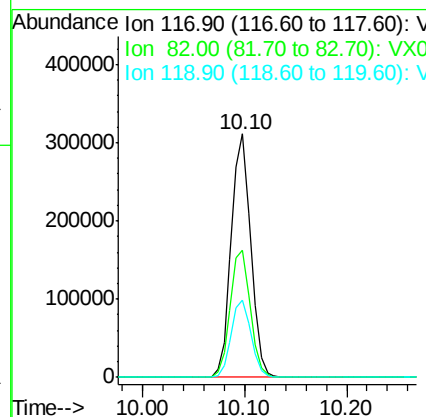
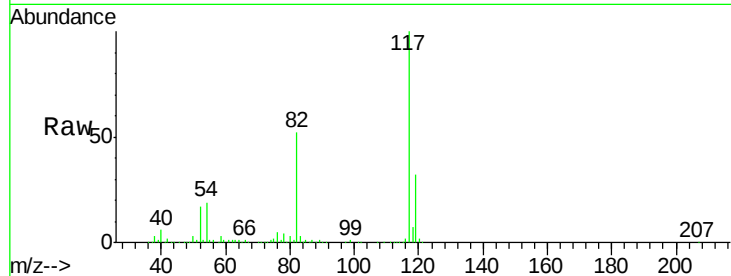
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017052.D
Acq: 30 Jun 2020 17:56

Instrument :
MSVOA_X
ClientSampleId :
MW-3

Tot Ion	Ratio	Resp	Lower	Upper
117	100	413249		
82	52.1	42.6	63.8	
119	31.9	25.4	38.2	

Manual Integrations
APPROVED

MMDadoda
7/6/2020 4:45:56 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017052.D
Acq: 30 Jun 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	211854		
115	57.6	40.9	122.7	
150	157.5	0.0	351.6	

