

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017053.D
 Acq On : 30 Jun 2020 18:18
 Operator : JC/SP
 Sample : L3123-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:49:32 AM

Quant Time: Jul 01 09:33:26 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	230947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	399791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	411351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	212796	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	156710	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.08%	
35) Dibromofluoromethane	5.47	113	134183	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
50) Toluene-d8	8.70	98	486899	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	11.12	95	203216	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
Target Compounds						
12) 1,1-Dichloroethene	2.36	96	1940	0.849	ug/l	83
24) 1,1-Dichloroethane	3.67	63	3202	0.720	ug/l #	87
27) cis-1,2-Dichloroethene	4.56	96	2349m	0.818	ug/l	
49) 1,4-Dioxane	7.72	88	1687	24.604	ug/l #	91

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

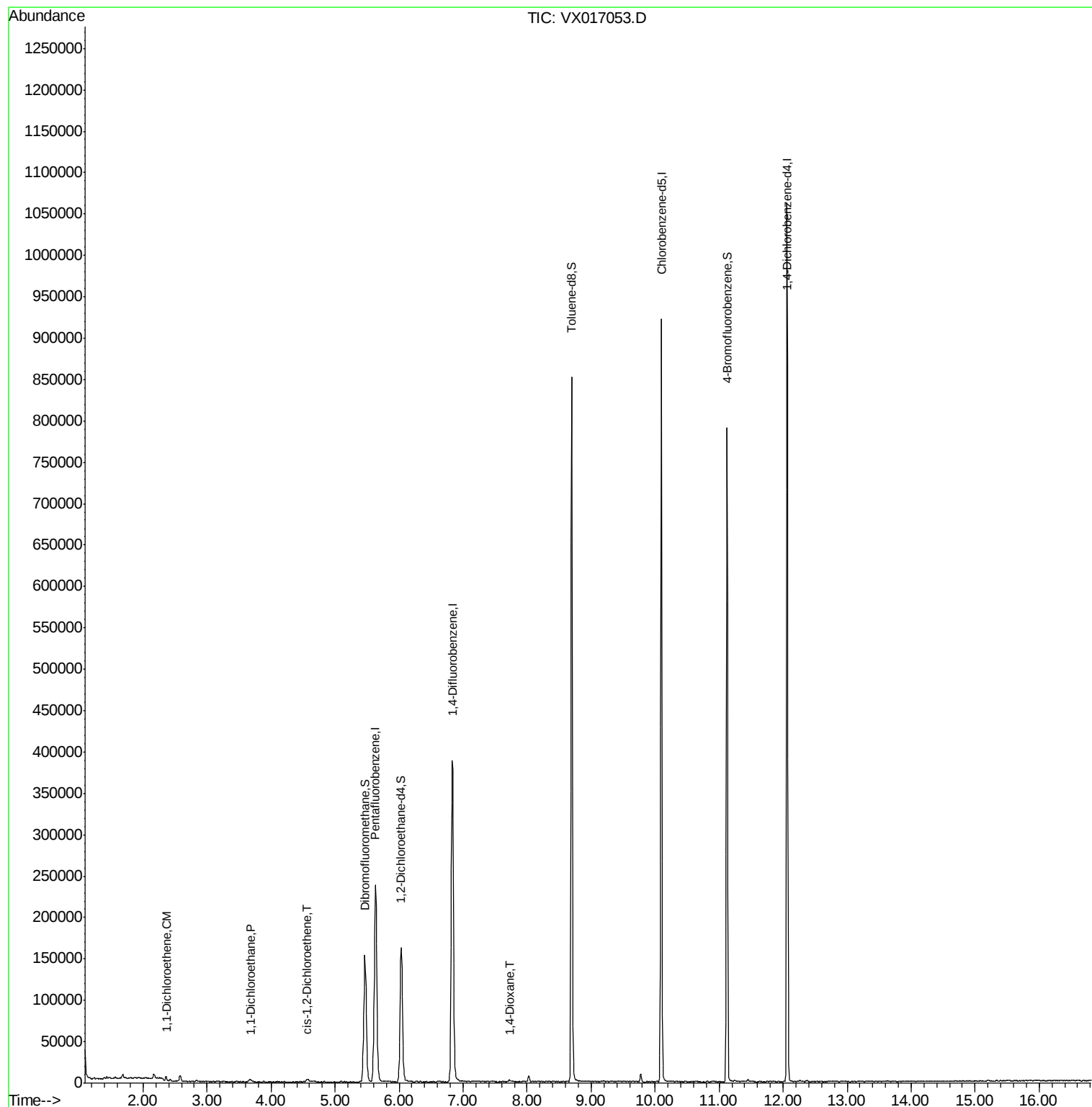
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX063020\
Data File : VX017053.D
Acq On : 30 Jun 2020 18:18
Operator : JC/SP
Sample : L3123-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:49:32 AM

Quant Time: Jul 01 09:33:26 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: VX017053.D

Acq: 30 Jun 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

MW-4

Tot Ion:168 Resp: 230947

Ion Ratio Lower Upper

168 100

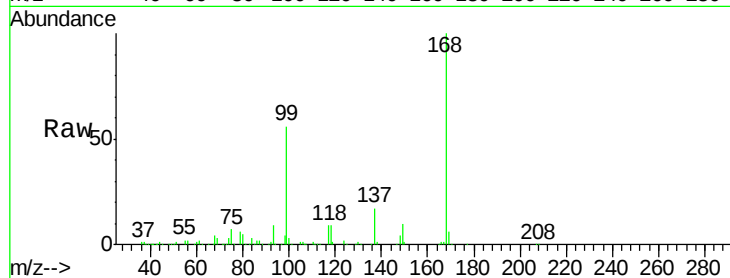
99 55.9 42.6 64.0

Manual Integrations

APPROVED

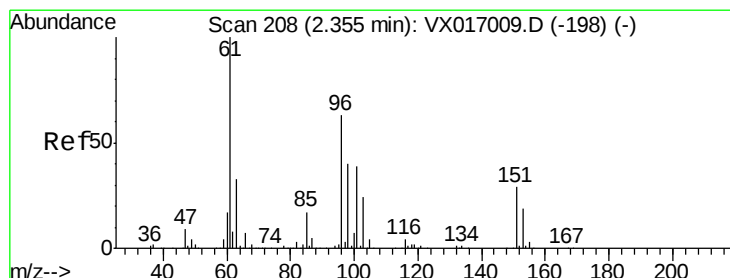
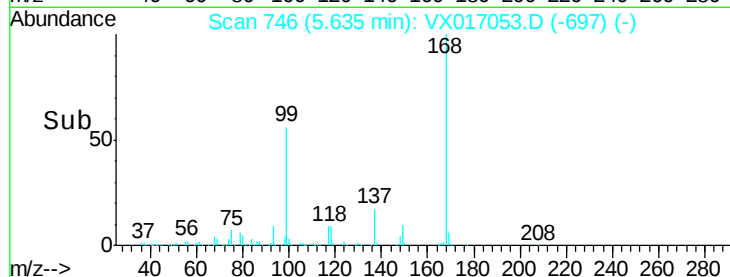
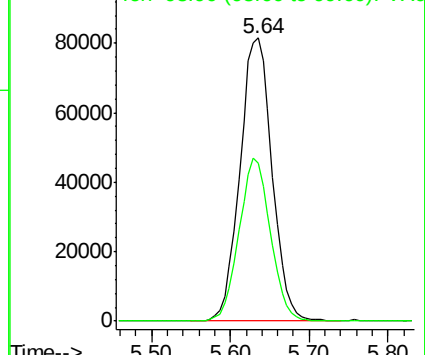
MMDadoda

7/1/2020 10:49:32 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 0.849 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX017053.D

Acq: 30 Jun 2020 18:18

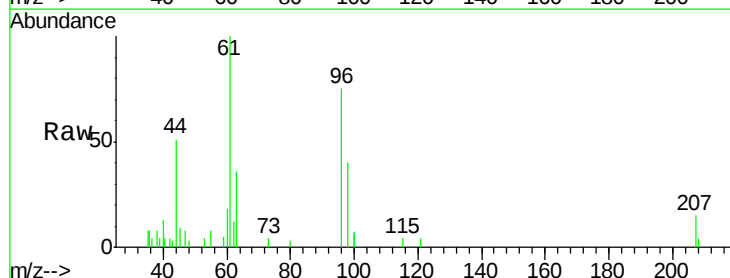
Tgt Ion: 96 Resp: 1940

Ion Ratio Lower Upper

96 100

61 133.7 126.3 189.5

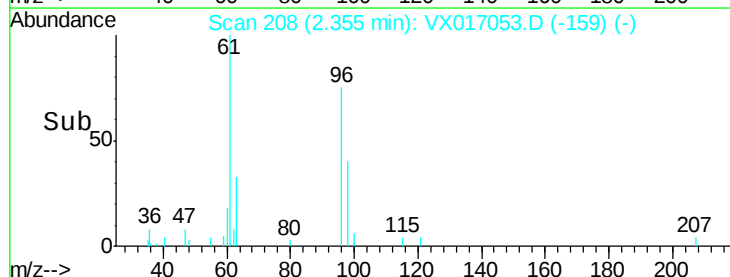
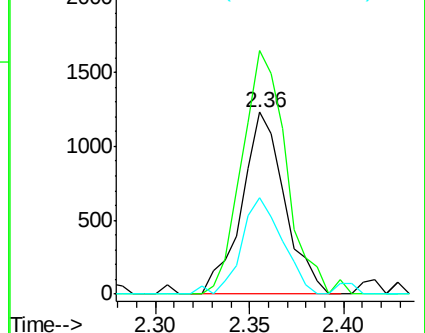
98 52.9 51.0 76.6

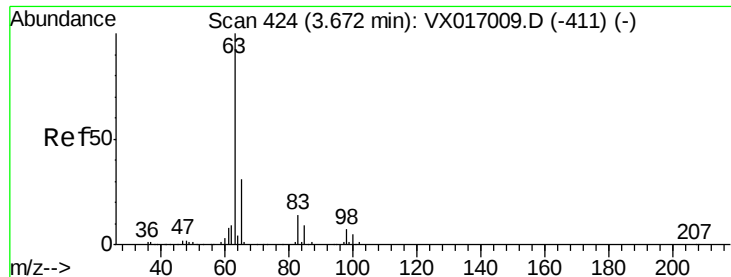


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#24

1,1-Dichloroethane

Concen: 0.720 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017053.D

Acq: 30 Jun 2020 18:18

Instrument :

MSVOA_X

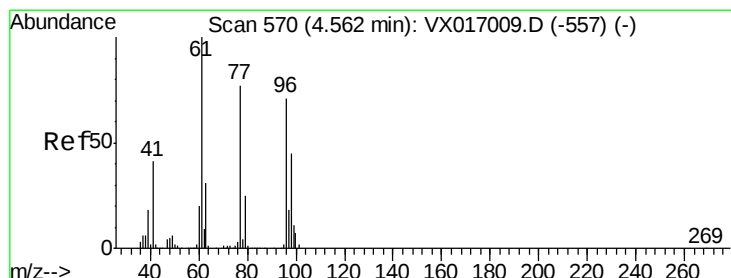
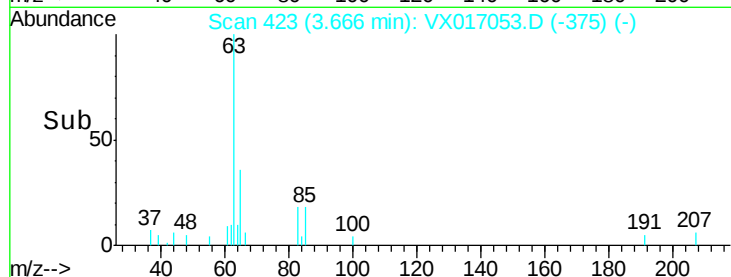
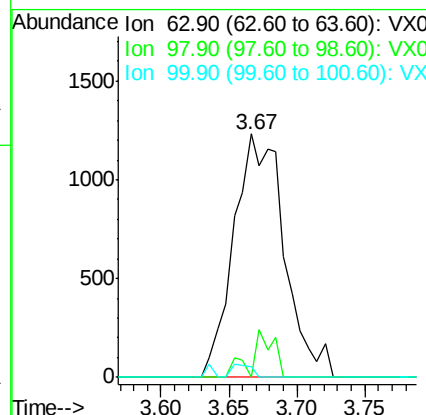
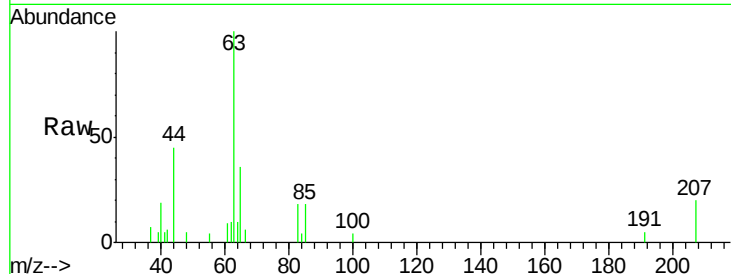
ClientSampleId :

MW-4

Tot Ion:	63	Resp:	3202
Ion Ratio	Lower	Upper	
63	100		
98	0.0	3.6	10.8#
100	4.4	2.4	7.1

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:49:32 AM



#27

cis-1,2-Dichloroethene

Concen: 0.818 ug/l m

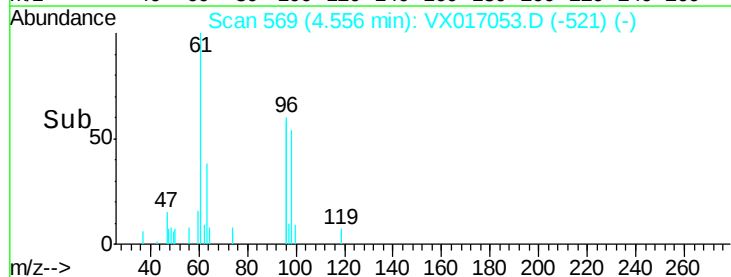
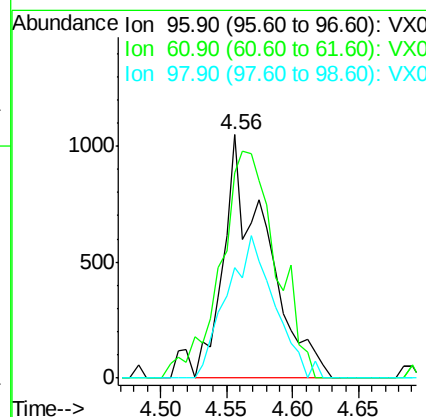
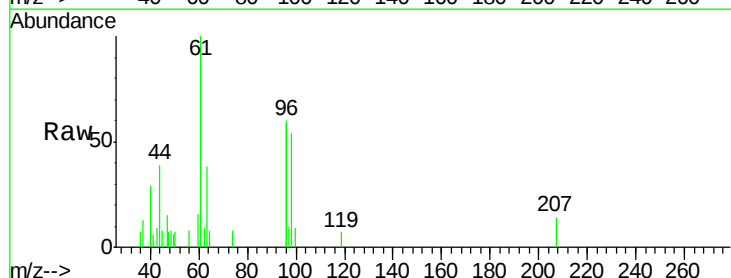
RT: 4.56 min Scan# 569

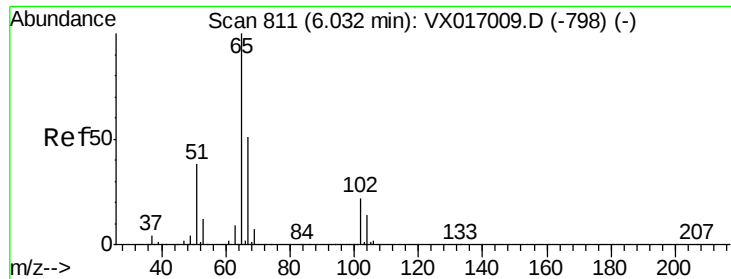
Delta R.T. -0.01 min

Lab File: VX017053.D

Acq: 30 Jun 2020 18:18

Tgt Ion:	96	Resp:	2349
Ion Ratio	Lower	Upper	
96	100		
61	121.8	0.0	282.8
98	65.3	0.0	127.6





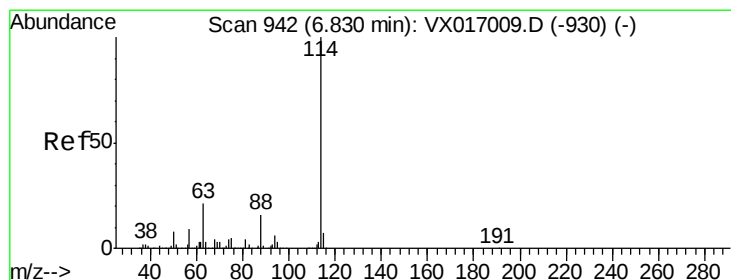
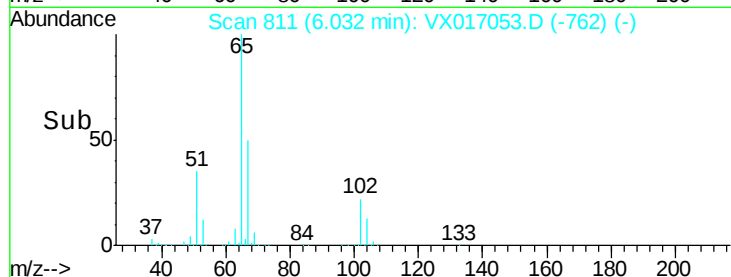
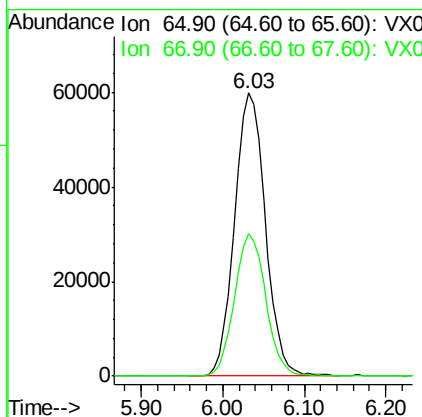
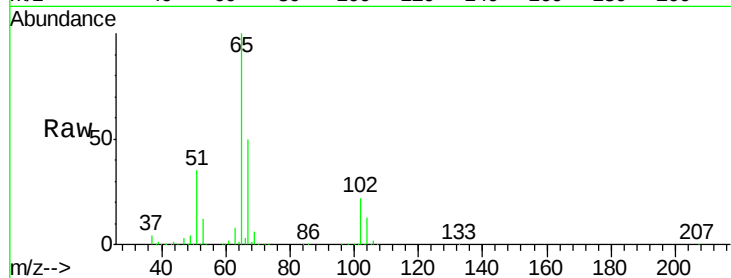
#33
 1,2-Dichloroethane-d4
 Concen: 55.042 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017053.D
 Acq: 30 Jun 2020 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.0	0.0	103.8	

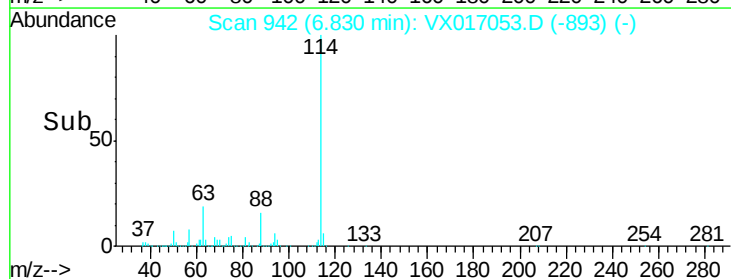
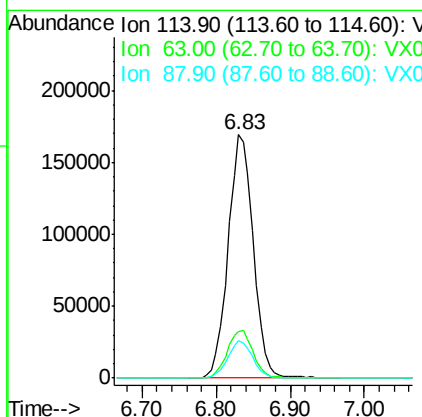
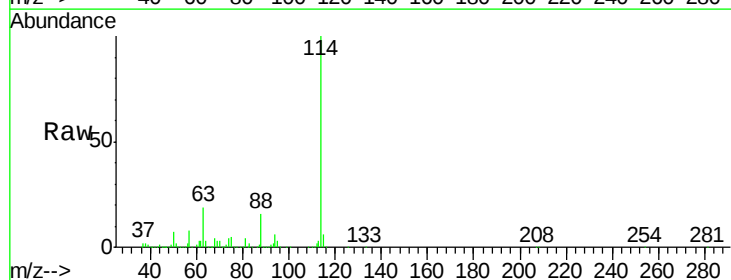
Manual Integrations
 APPROVED

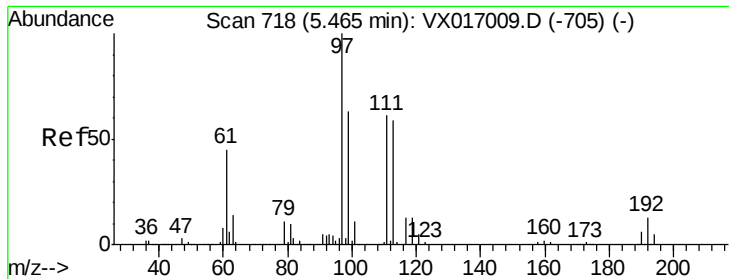
MMDadoda
 7/1/2020 10:49:32 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017053.D
 Acq: 30 Jun 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.3	0.0	41.4	
88	15.6	0.0	32.4	





#35

Dibromofluoromethane

Concen: 53.059 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX017053.D

Acq: 30 Jun 2020 18:18

Instrument :

MSVOA_X

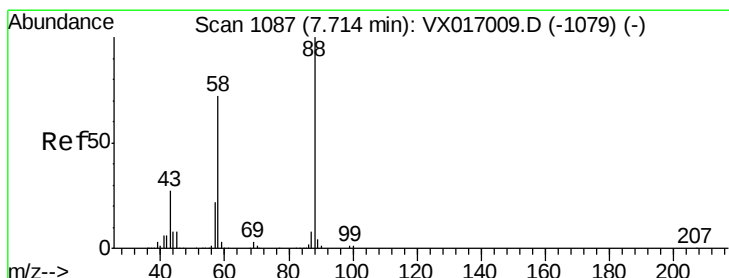
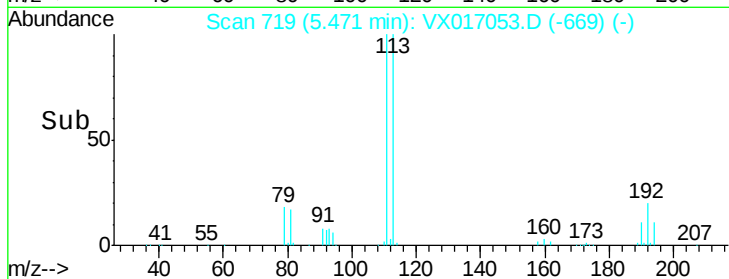
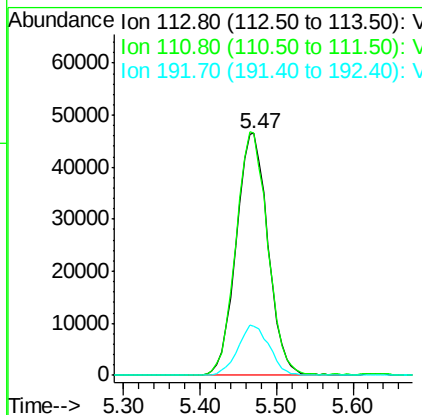
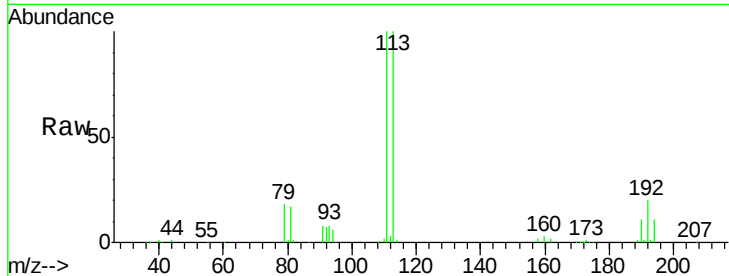
ClientSampleId :

MW-4

Tot Ion:	113	Resp:	134183
Ion Ratio	Lower	Upper	
113	100		
111	100.5	81.9	122.9
192	20.5	16.7	25.1

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:49:32 AM



#49

1,4-Dioxane

Concen: 24.604 ug/l

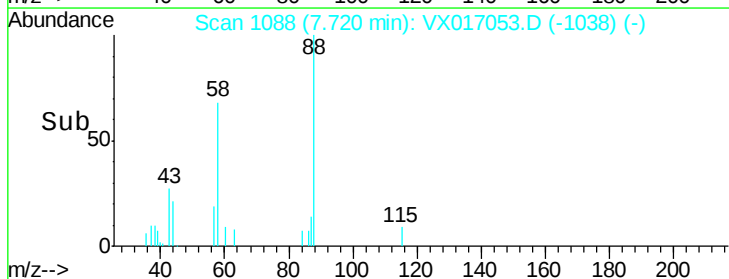
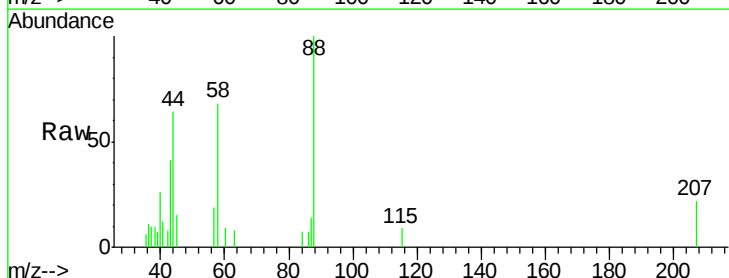
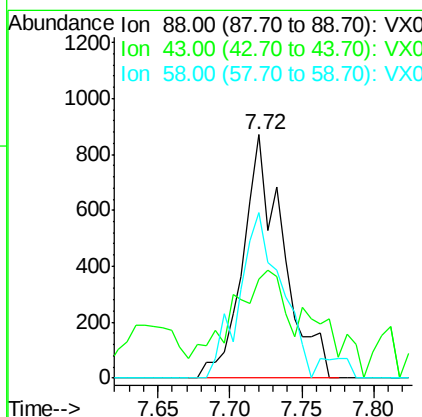
RT: 7.72 min Scan# 1088

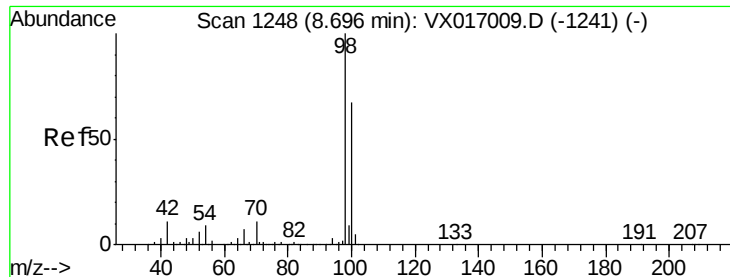
Delta R.T. 0.01 min

Lab File: VX017053.D

Acq: 30 Jun 2020 18:18

Tgt Ion:	88	Resp:	1687
Ion Ratio	Lower	Upper	
88	100		
43	44.2	25.8	38.8#
58	71.2	54.8	82.2





#50

Toluene-d8

Concen: 52.066 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017053.D

Acq: 30 Jun 2020 18:18

Instrument :

MSVOA_X

ClientSampled :

MW-4

Tot Ion: 98 Resp: 486899

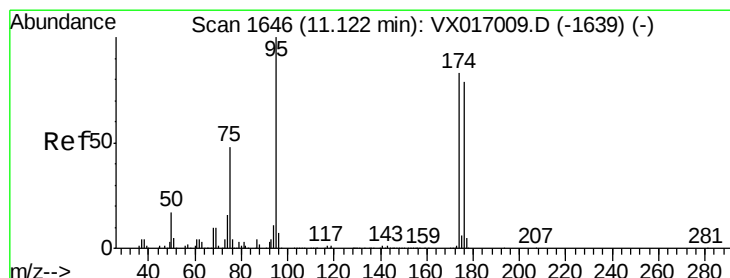
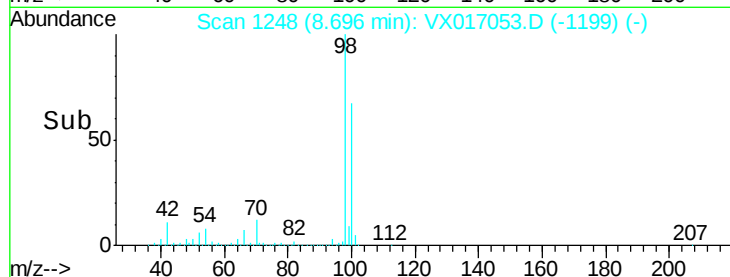
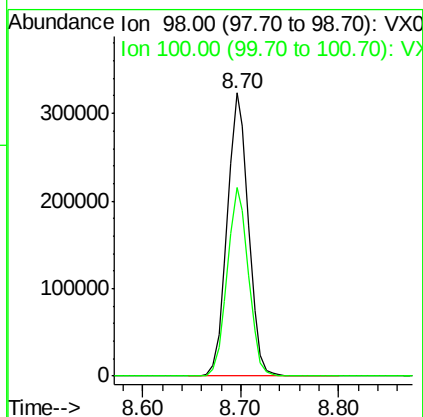
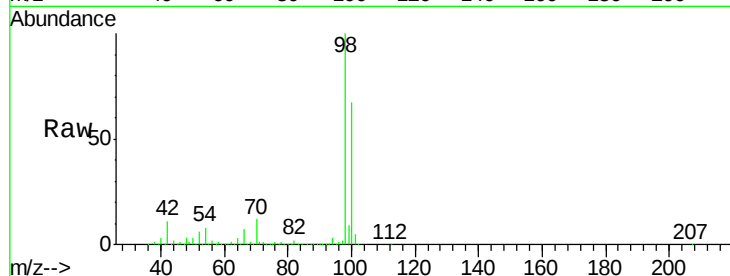
Ion Ratio Lower Upper

98 100

100 66.7 53.8 80.6

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:49:32 AM



#62

4-Bromofluorobenzene

Concen: 55.590 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017053.D

Acq: 30 Jun 2020 18:18

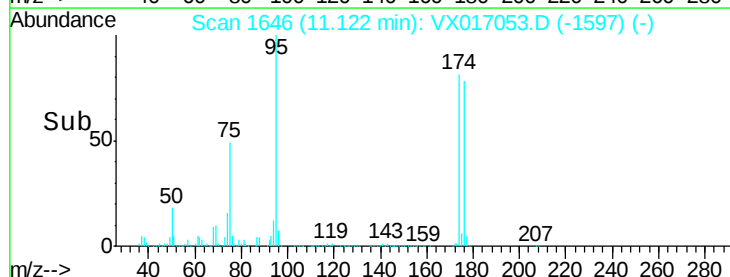
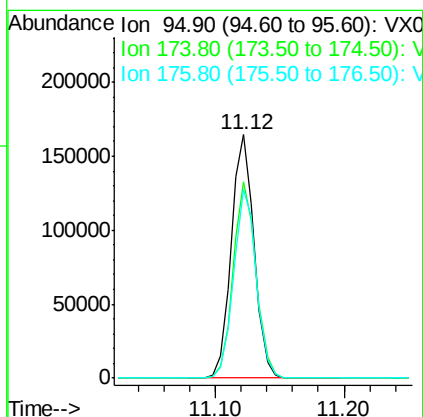
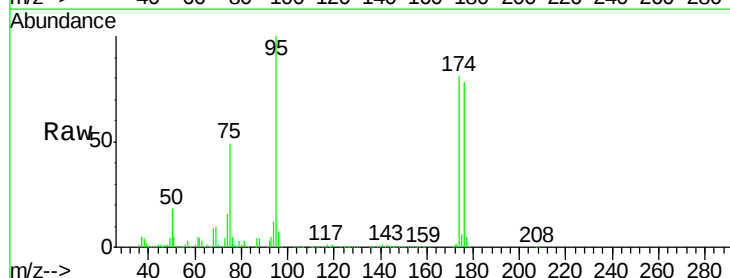
Tgt Ion: 95 Resp: 203216

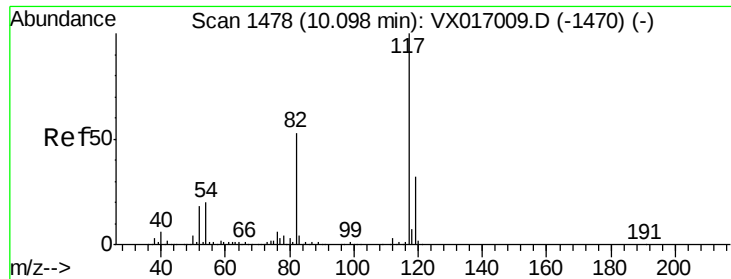
Ion Ratio Lower Upper

95 100

174 80.7 0.0 164.0

176 77.2 0.0 157.6





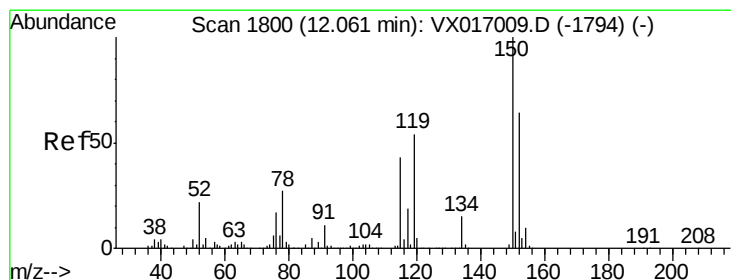
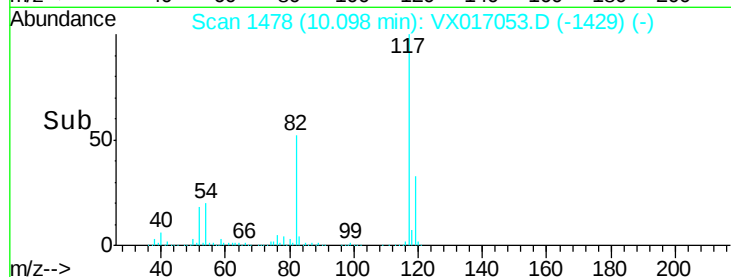
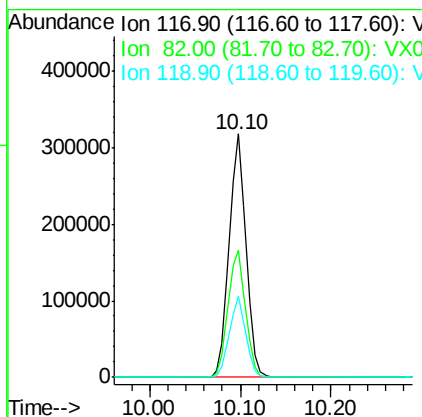
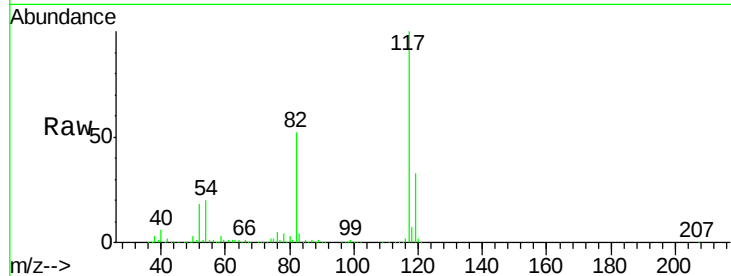
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017053.D
Acq: 30 Jun 2020 18:18

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tot Ion	Ratio	Resp	Lower	Upper
117	100	411351		
82	52.1	42.6	63.8	
119	33.4	25.4	38.2	

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:49:32 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017053.D
Acq: 30 Jun 2020 18:18

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	212796		
115	57.8	40.9	122.7	
150	157.0	0.0	351.6	

