

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018607.D
 Acq On : 25 Sep 2020 19:39
 Operator : JC/SP
 Sample : L4140-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2

Quant Time: Sep 28 09:38:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

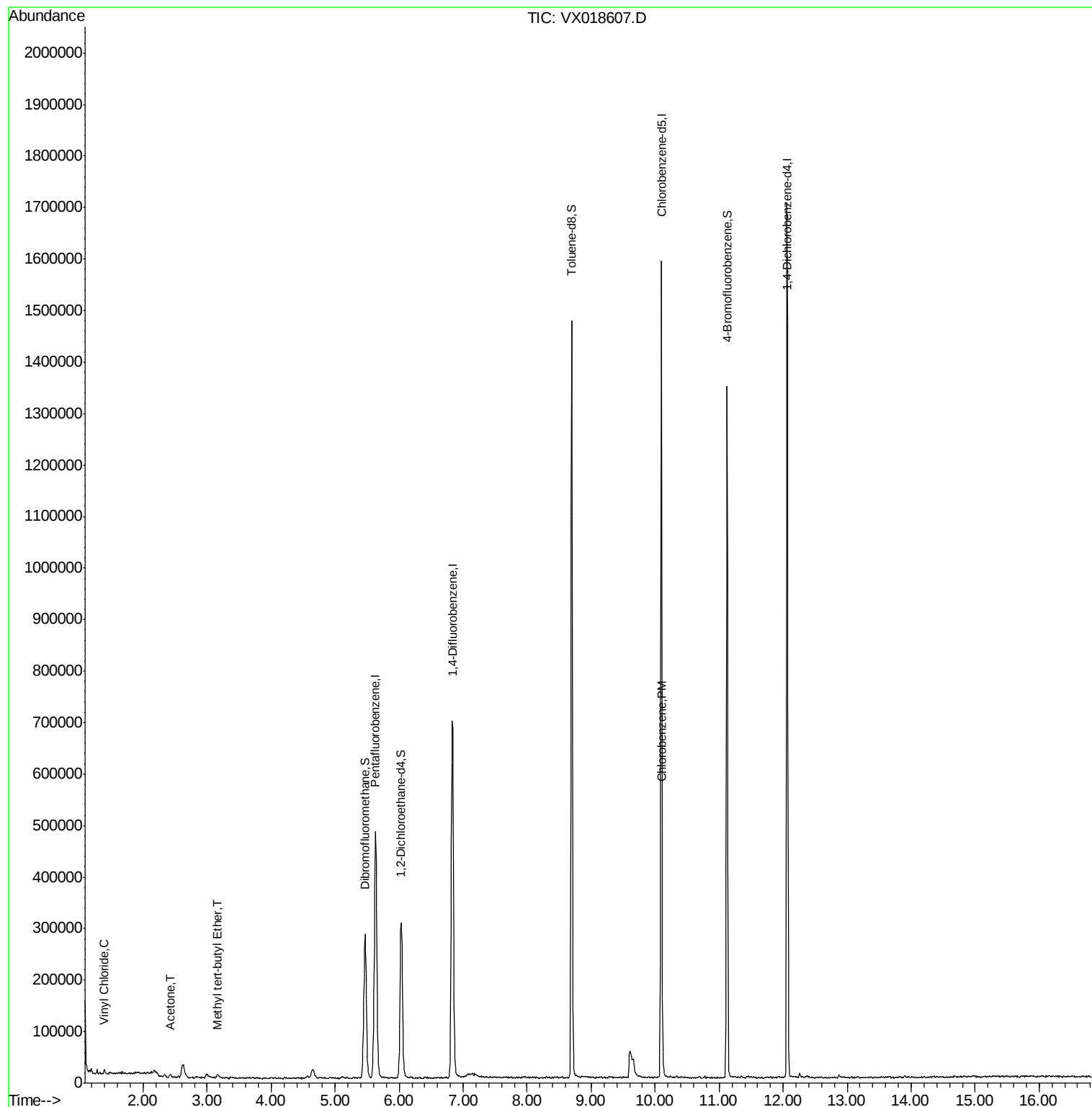
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	440348	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	692571	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	684519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	340218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	316678	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
35) Dibromofluoromethane	5.47	113	240270	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	8.70	98	849160	48.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.62%	
62) 4-Bromofluorobenzene	11.12	95	323171	46.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.40%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	3739	0.723	ug/l #	70
16) Acetone	2.43	43	6156	2.584	ug/l #	88
19) Methyl tert-butyl Ether	3.17	73	6590	0.440	ug/l #	82
65) Chlorobenzene	10.12	112	8701	0.617	ug/l #	86

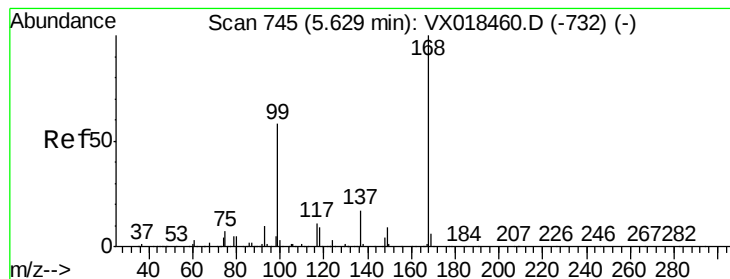
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018607.D

Acq: 25 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

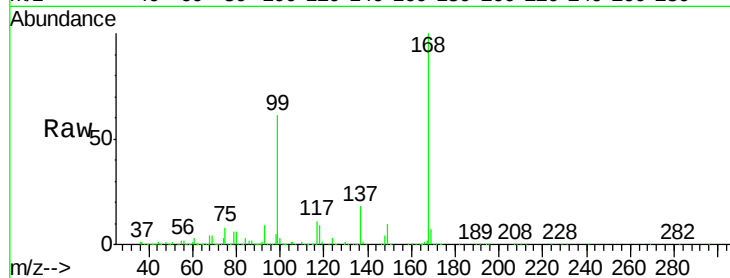
MW-2

Tot Ion:168 Resp: 440348

Ion Ratio Lower Upper

168 100

99 60.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

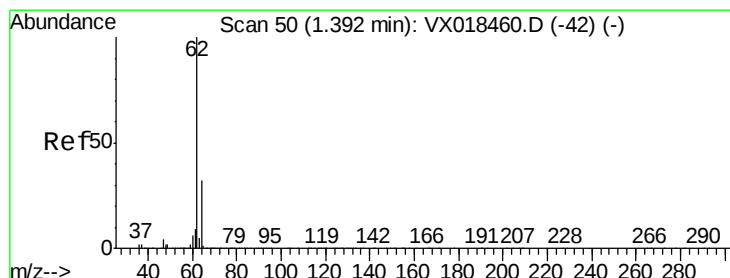
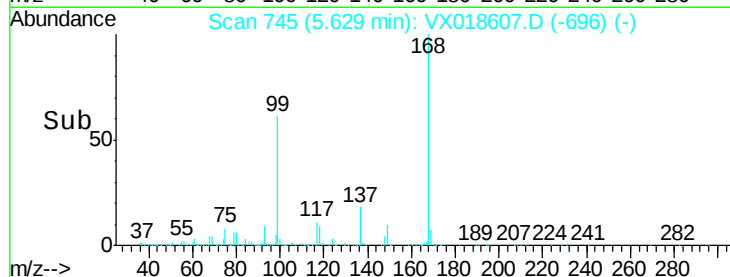
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 0.723 ug/l

RT: 1.40 min Scan# 51

Delta R.T. 0.01 min

Lab File: VX018607.D

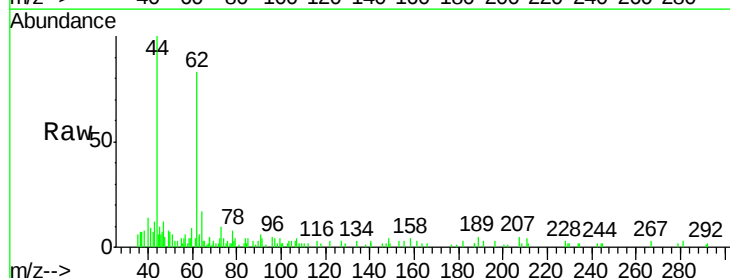
Acq: 25 Sep 2020 19:39

Tgt Ion: 62 Resp: 3739

Ion Ratio Lower Upper

62 100

64 15.2 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

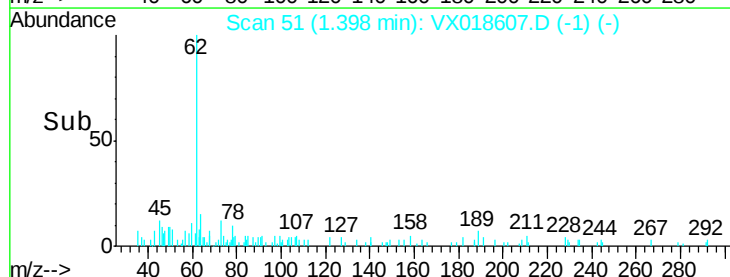
3000

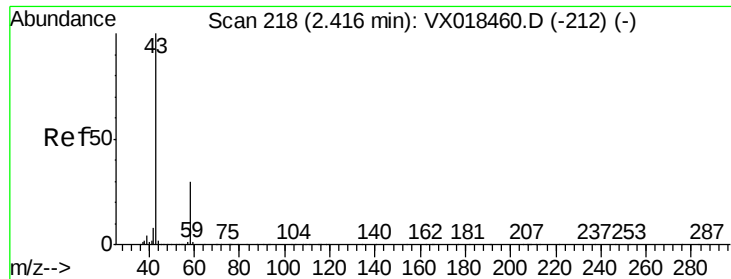
2000

1000

0

Time-->





#16

Acetone

Concen: 2.584 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018607.D

Acq: 25 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

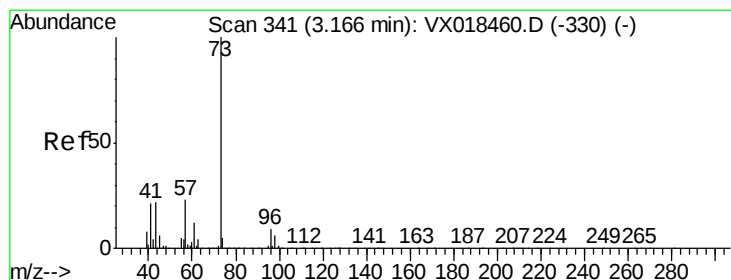
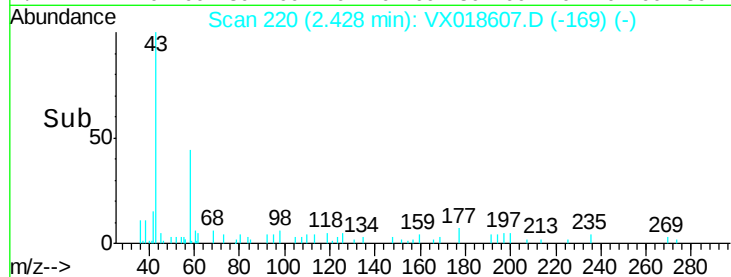
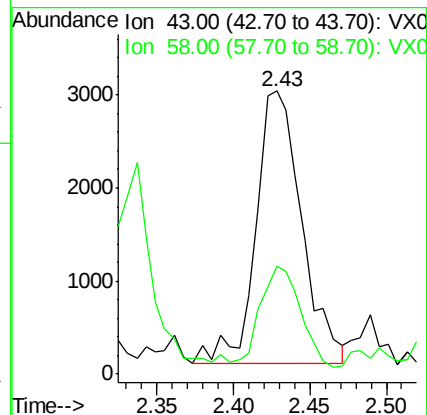
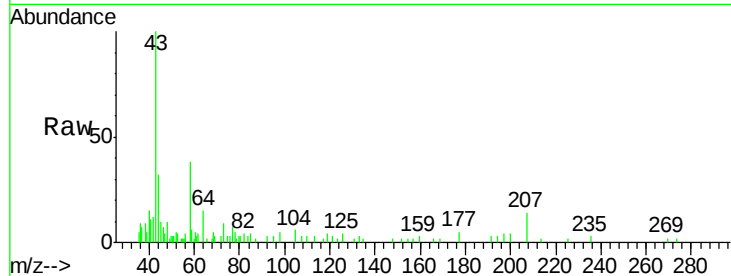
MW-2

Tot Ion: 43 Resp: 6156

Ion Ratio Lower Upper

43 100

58 36.5 24.0 36.0#



#19

Methyl tert-butyl Ether

Concen: 0.440 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX018607.D

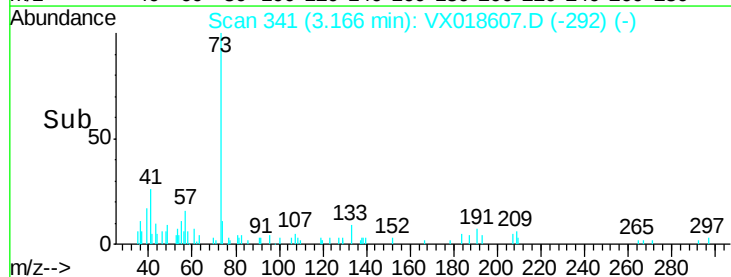
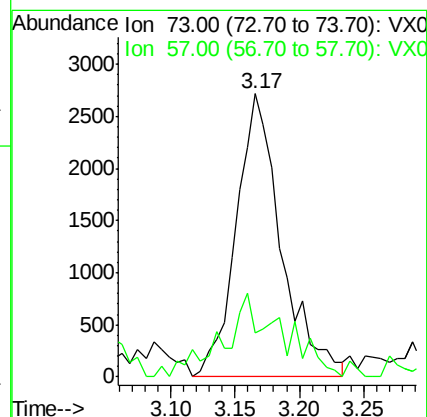
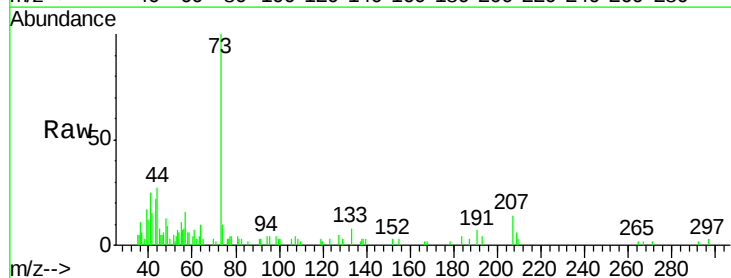
Acq: 25 Sep 2020 19:39

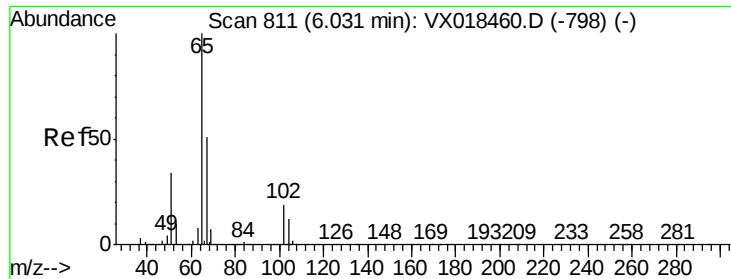
Tgt Ion: 73 Resp: 6590

Ion Ratio Lower Upper

73 100

57 13.8 18.0 27.0#





#33

1,2-Dichloroethane-d4

Concen: 50.836 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018607.D

Acq: 25 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampled :

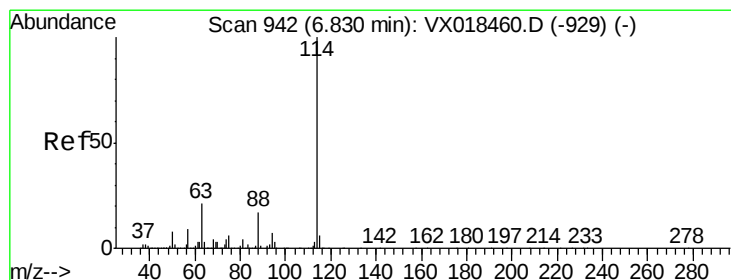
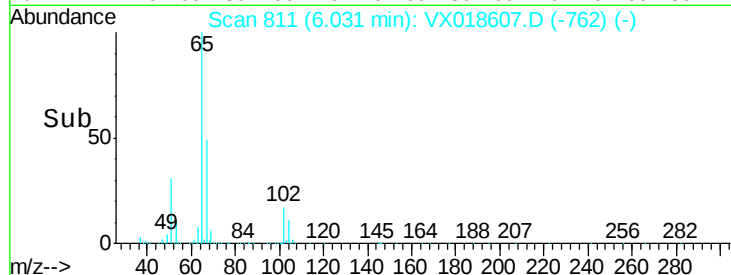
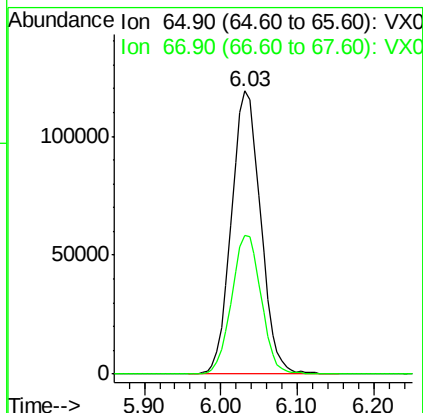
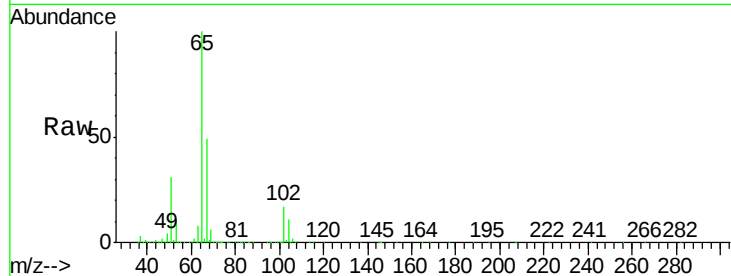
MW-2

Tot Ion: 65 Resp: 316678

Ion Ratio Lower Upper

65 100

67 49.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018607.D

Acq: 25 Sep 2020 19:39

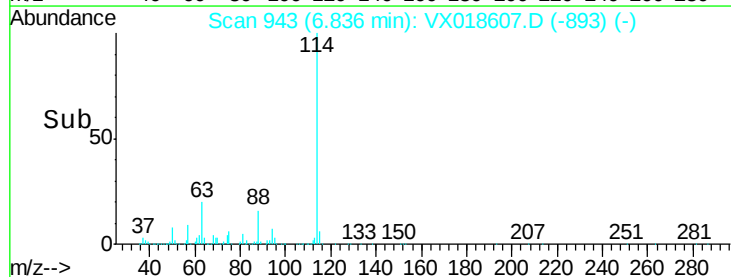
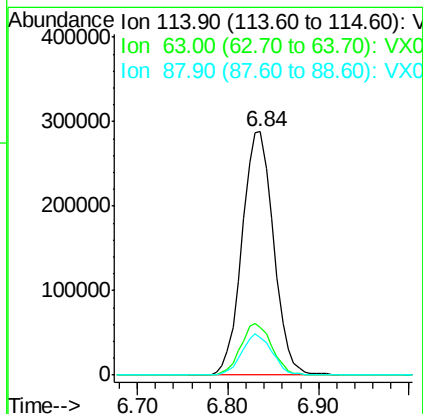
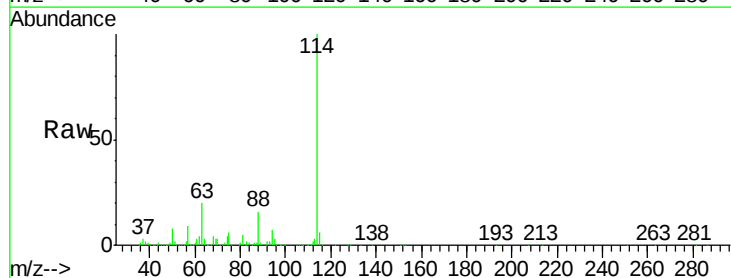
Tgt Ion: 114 Resp: 692571

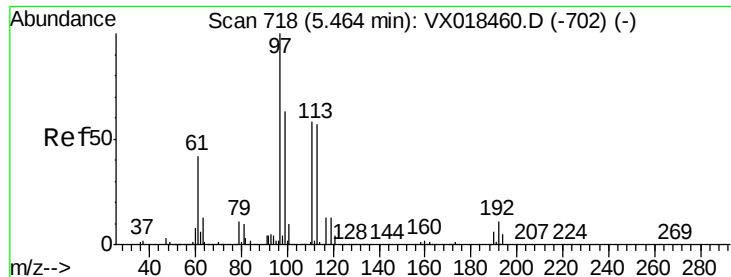
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

88 15.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.183 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018607.D

Acq: 25 Sep 2020 19:39

Instrument :

MSVOA_X

ClientSampleId :

MW-2

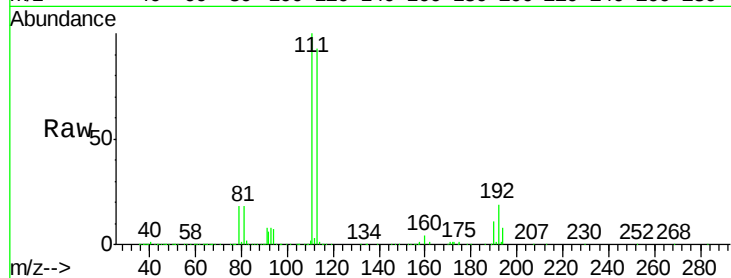
Tot Ion:113 Resp: 240270

Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.2

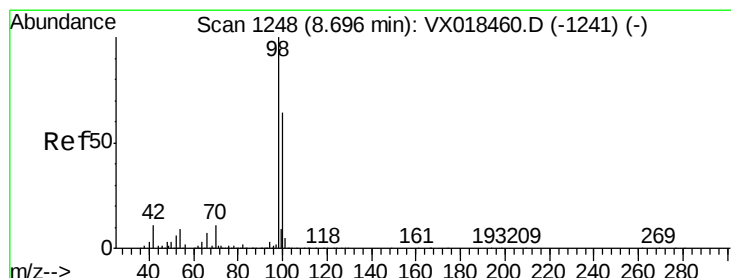
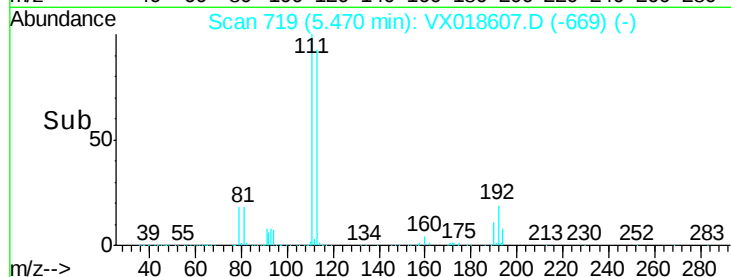
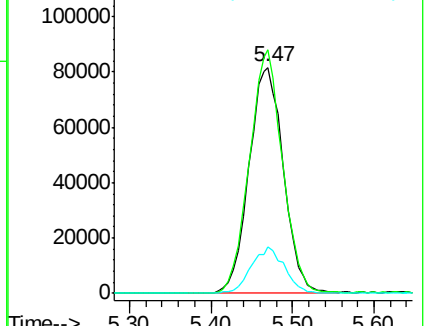
192 19.8 16.6 24.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 48.814 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018607.D

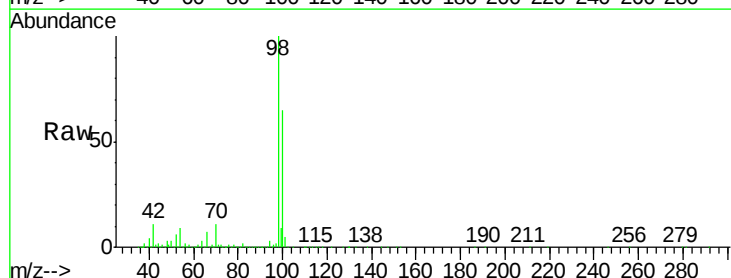
Acq: 25 Sep 2020 19:39

Tgt Ion: 98 Resp: 849160

Ion Ratio Lower Upper

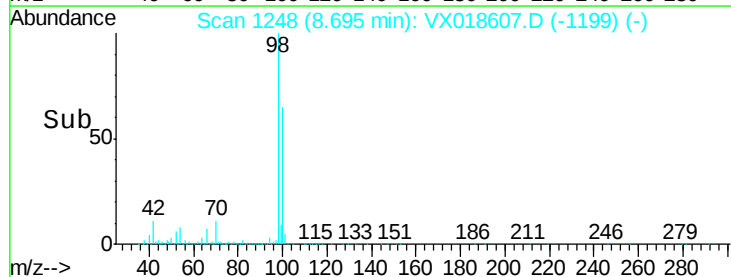
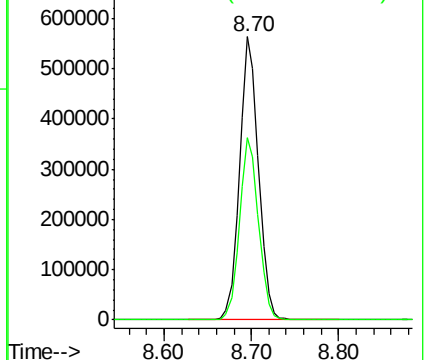
98 100

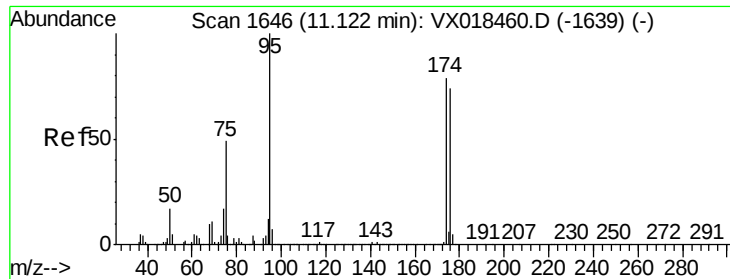
100 64.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

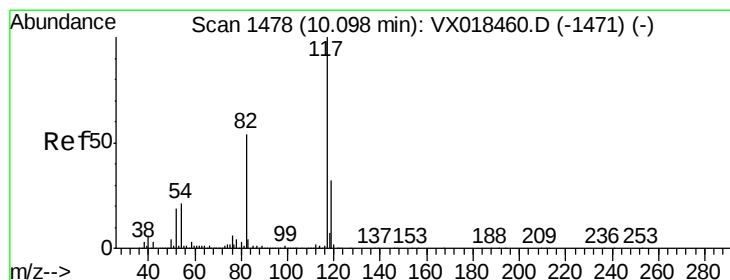
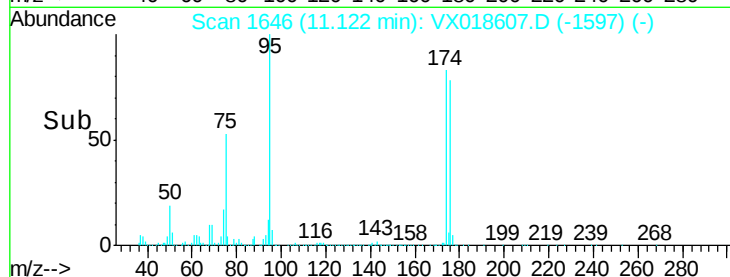
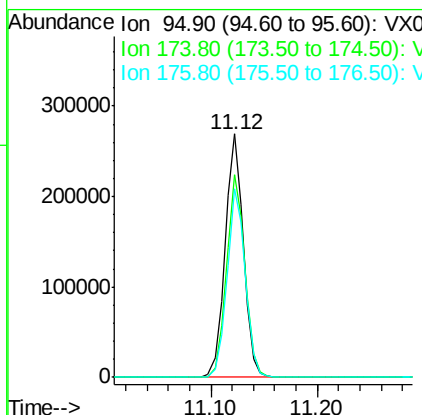
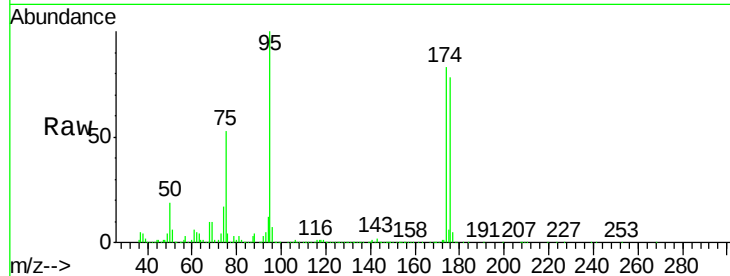




#62
4-Bromofluorobenzene
Concen: 46.703 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

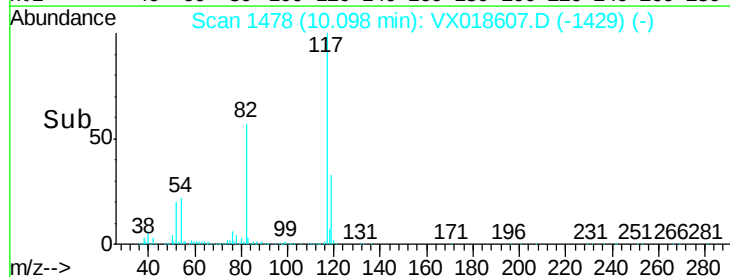
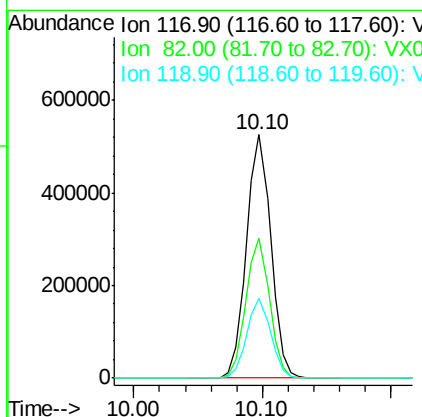
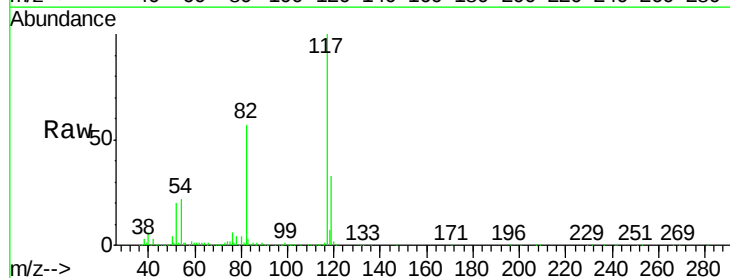
Instrument :
MSVOA_X
ClientSampleId :
MW-2

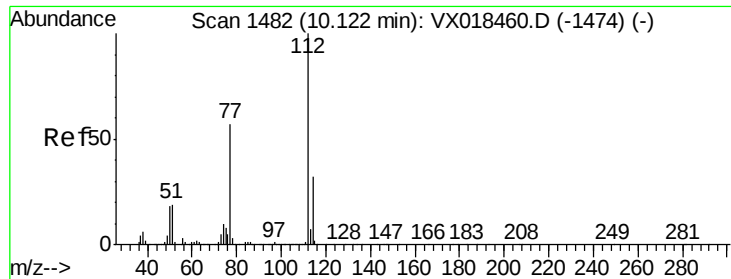
Tot Ion: 95 Resp: 323171
Ion Ratio Lower Upper
95 100
174 83.8 0.0 161.4
176 77.4 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion: 117 Resp: 684519
Ion Ratio Lower Upper
117 100
82 57.4 43.3 64.9
119 32.6 25.9 38.9

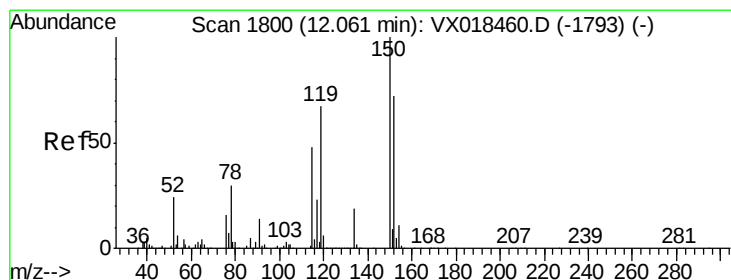
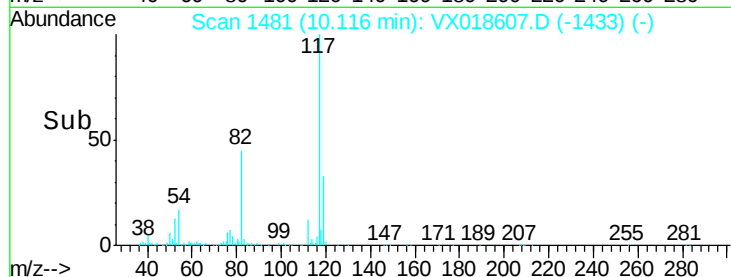
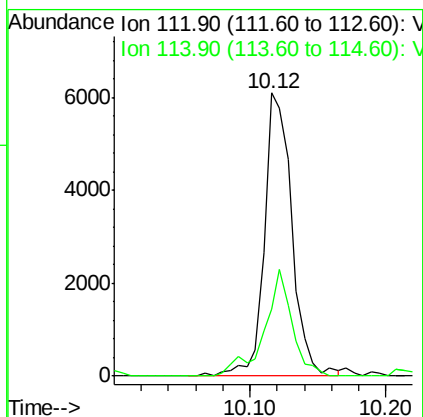
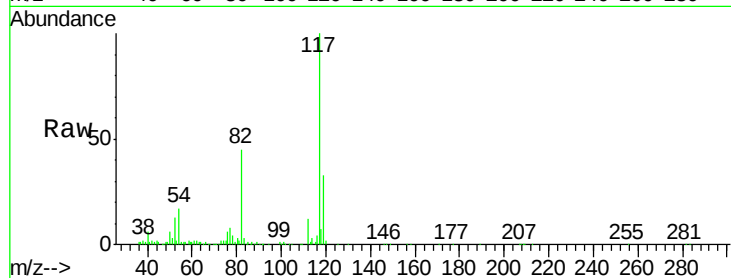




#65
Chlorobenzene
Concen: 0.617 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Instrument :
MSVOA_X
ClientSampleId :
MW-2

Tot Ion:112 Resp: 8701
Ion Ratio Lower Upper
112 100
114 23.7 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018607.D
Acq: 25 Sep 2020 19:39

Tgt Ion:152 Resp: 340218
Ion Ratio Lower Upper
152 100
115 60.9 41.8 125.4
150 156.5 0.0 342.4

