

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
 Data File : VX012864.D
 Acq On : 08 Oct 2019 02:29
 Operator : JC/SP
 Sample : K5232-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-056MW04-9001

Quant Time: Oct 08 13:05:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

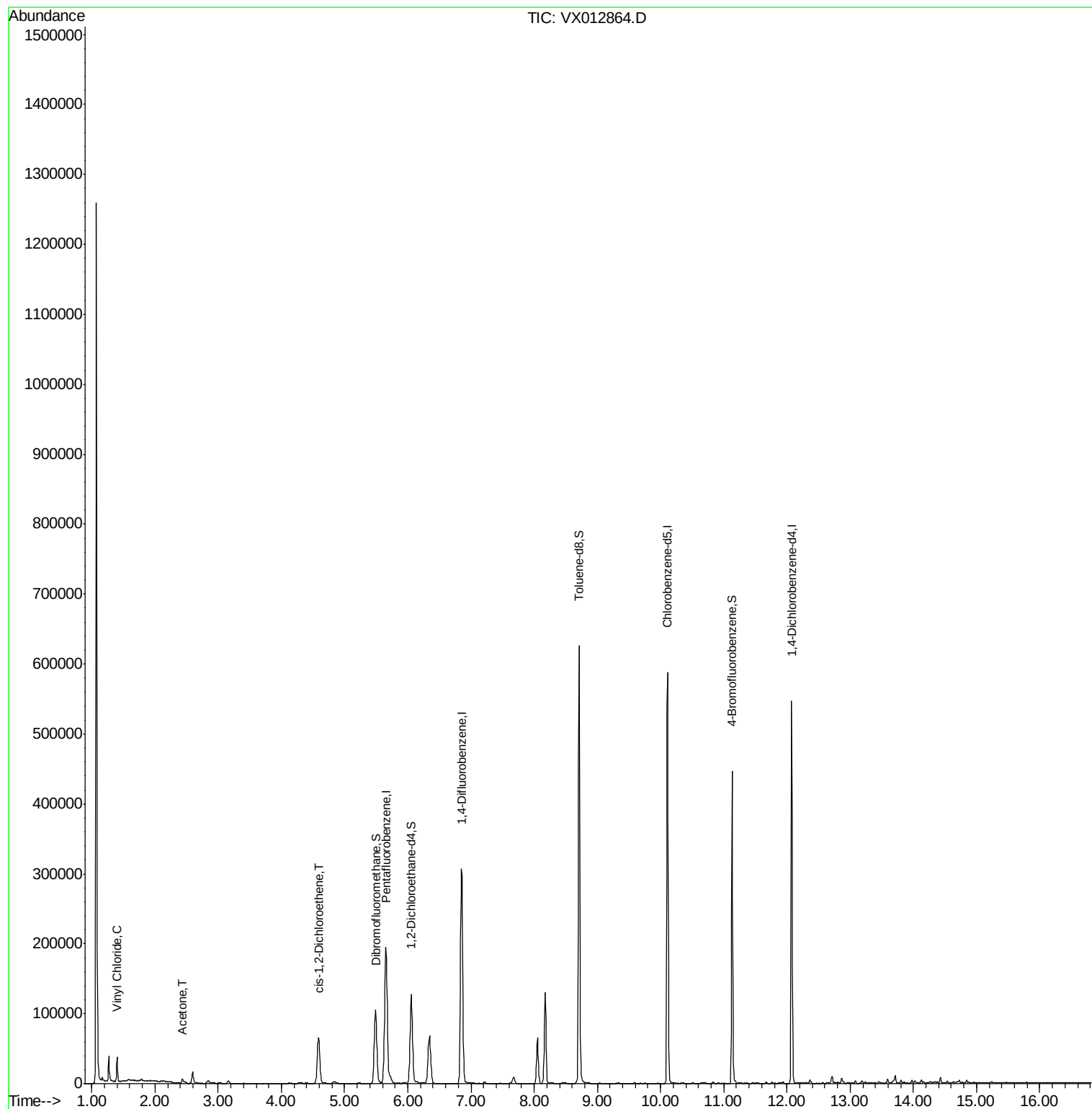
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	182936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	310184	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	107919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	121408	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
35) Dibromofluoromethane	5.49	113	91542	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
50) Toluene-d8	8.71	98	365378	51.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	11.14	95	129841	46.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.84%	
Target Compounds						
4) Vinyl Chloride	1.40	62	20457	8.709	ug/l	93
16) Acetone	2.44	43	6316	4.476	ug/l	93
27) cis-1,2-Dichloroethene	4.59	96	42378	16.761	ug/l	83

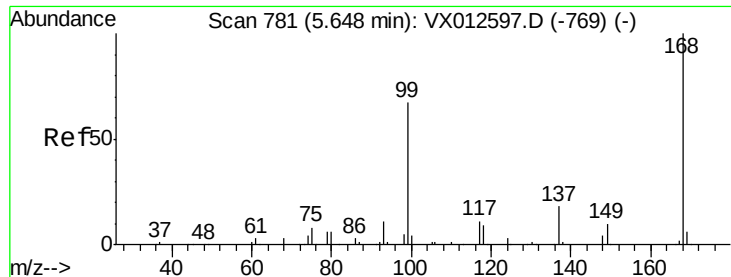
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012864.D

Acq: 08 Oct 2019 02:29

Instrument :

MSVOA_X

ClientSampleId :

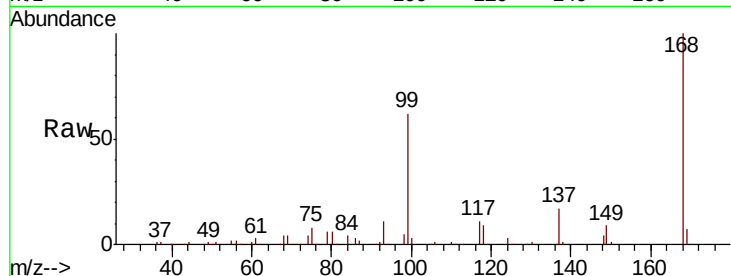
FA19-056MW04-9001

Tot Ion:168 Resp: 182936

Ion Ratio Lower Upper

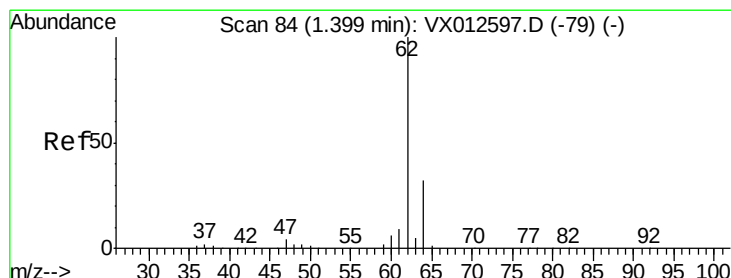
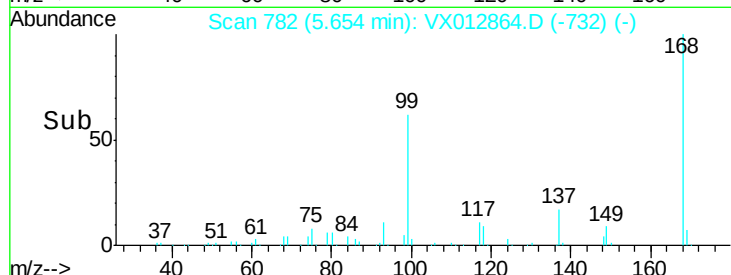
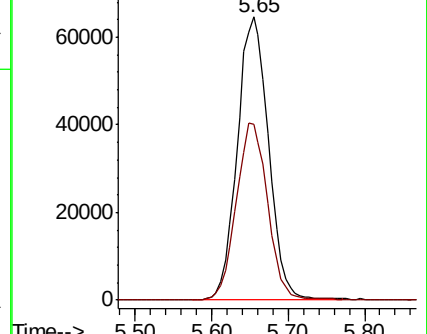
168 100

99 62.0 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 8.709 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012864.D

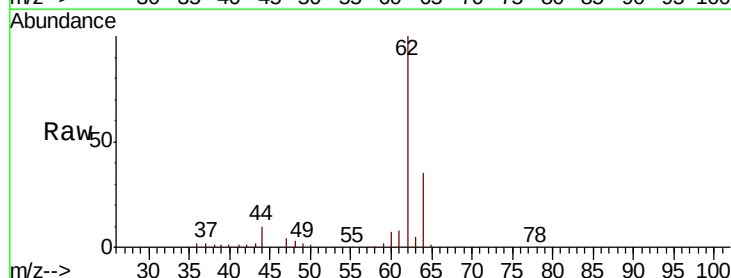
Acq: 08 Oct 2019 02:29

Tgt Ion: 62 Resp: 20457

Ion Ratio Lower Upper

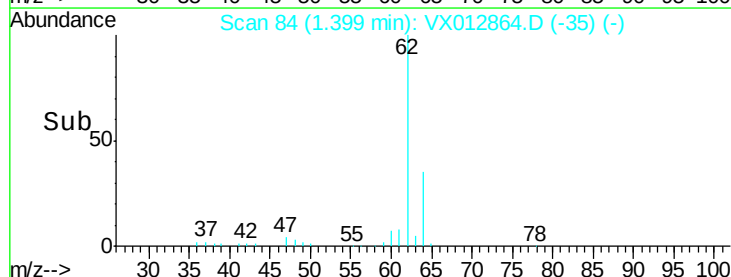
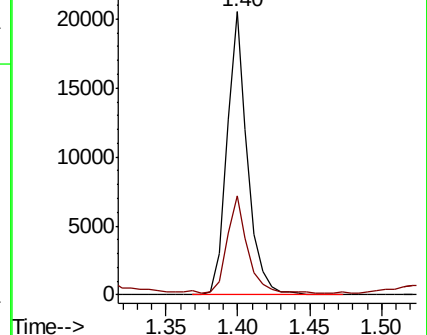
62 100

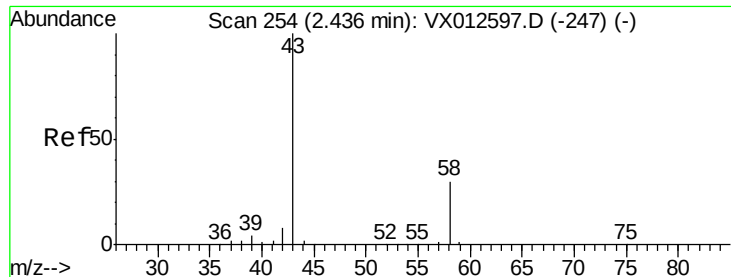
64 34.1 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 4.476 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012864.D

Acq: 08 Oct 2019 02:29

Instrument :

MSVOA_X

ClientSampleId :

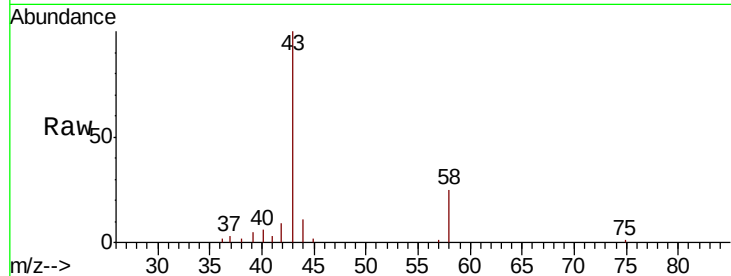
FA19-056MW04-9001

Tot Ion: 43 Resp: 6316

Ion Ratio Lower Upper

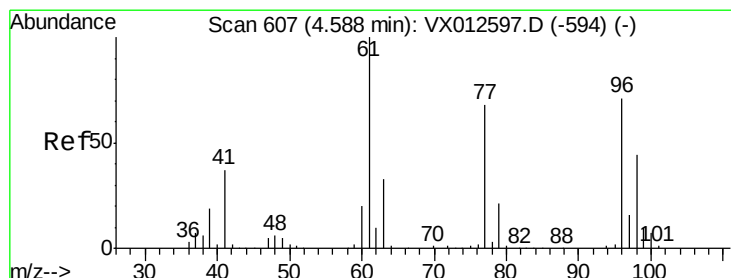
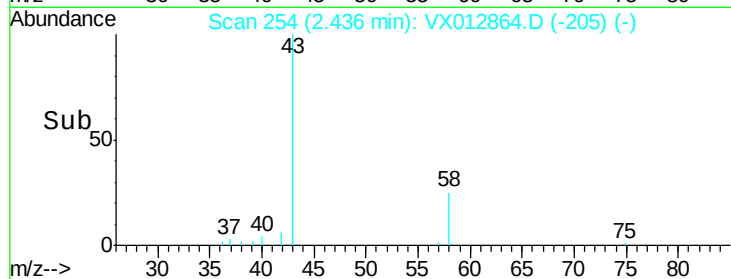
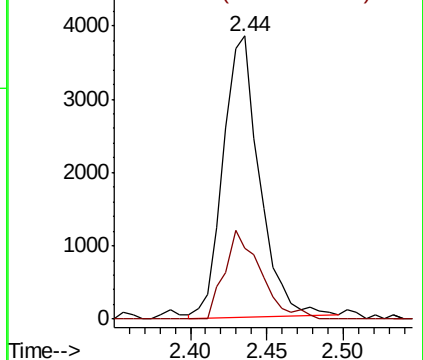
43 100

58 25.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 16.761 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012864.D

Acq: 08 Oct 2019 02:29

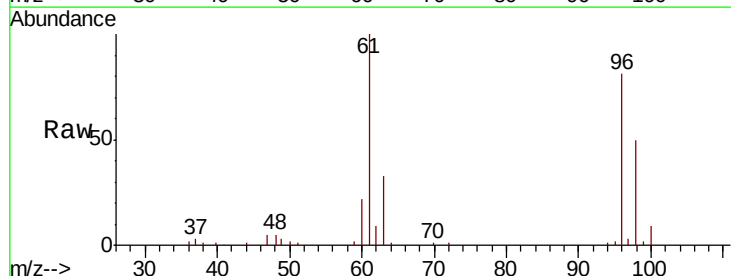
Tgt Ion: 96 Resp: 42378

Ion Ratio Lower Upper

96 100

61 127.9 0.0 319.4

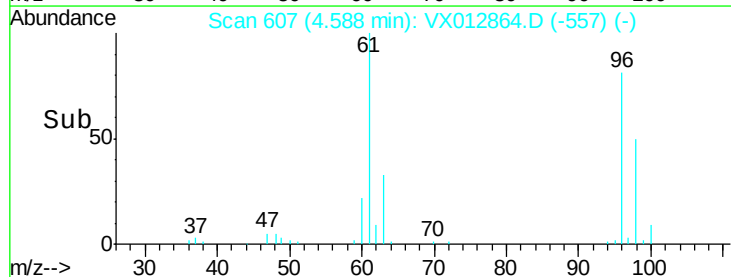
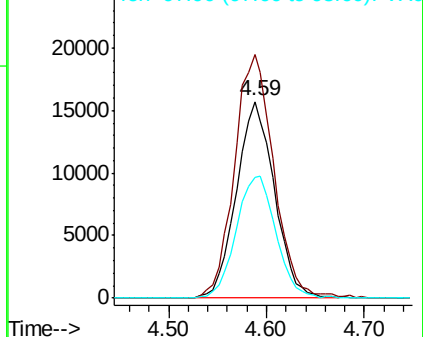
98 64.7 0.0 130.6

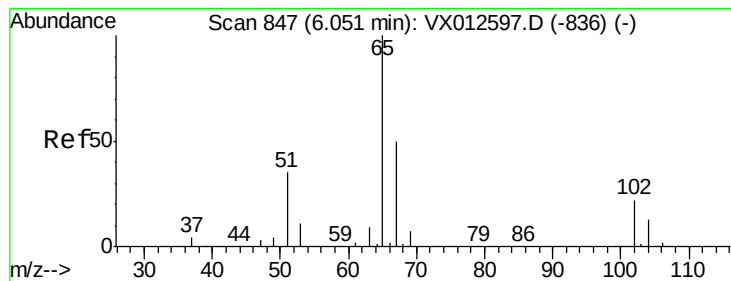


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.575 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012864.D

Acq: 08 Oct 2019 02:29

Instrument :

MSVOA_X

ClientSampleId :

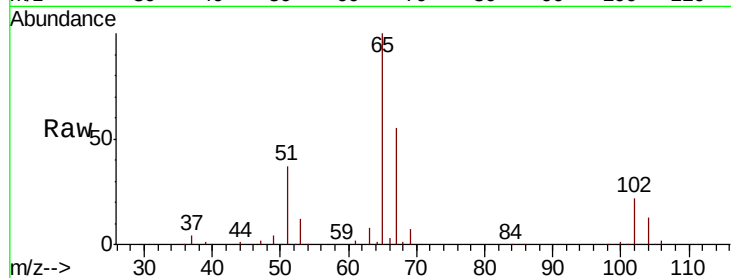
FA19-056MW04-9001

Tot Ion: 65 Resp: 121408

Ion Ratio Lower Upper

65 100

67 51.9 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

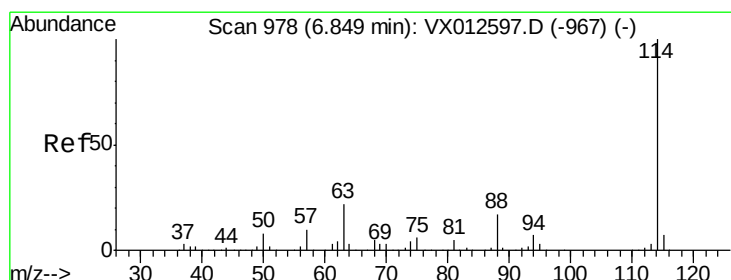
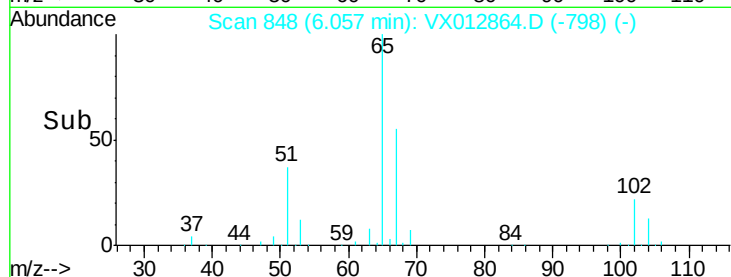
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012864.D

Acq: 08 Oct 2019 02:29

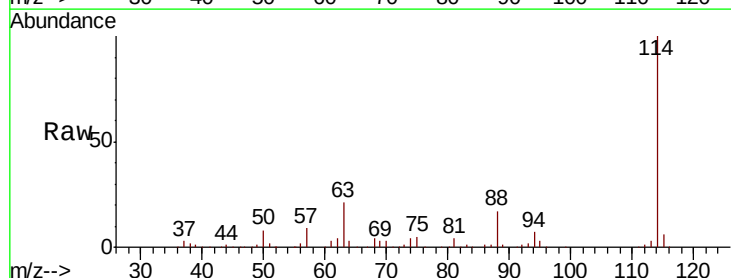
Tgt Ion: 114 Resp: 310184

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.2

88 17.1 0.0 33.2



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

6.85

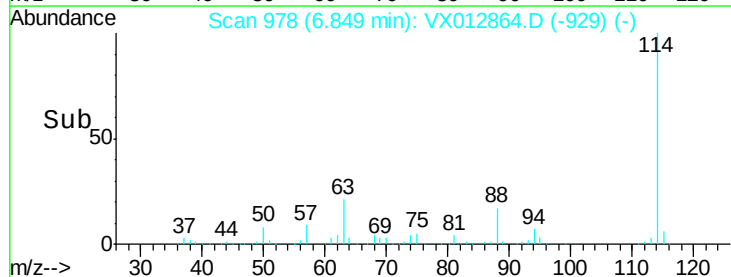
150000

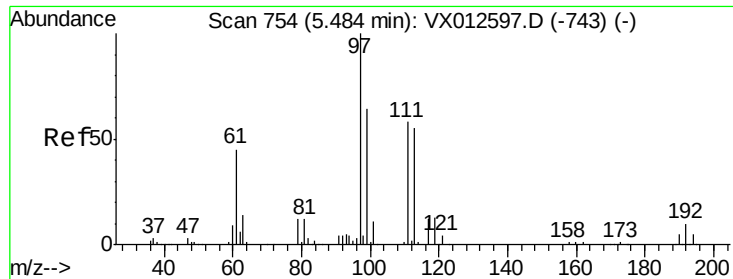
100000

50000

0

Time--> 6.70 6.80 6.90 7.00

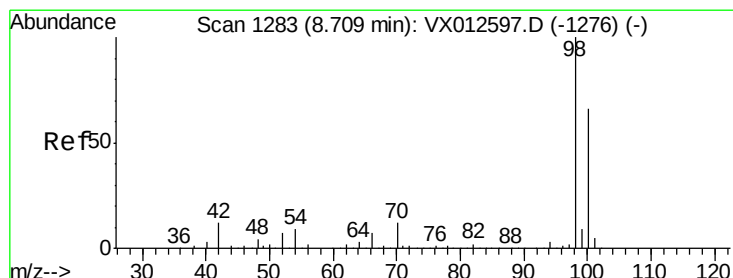
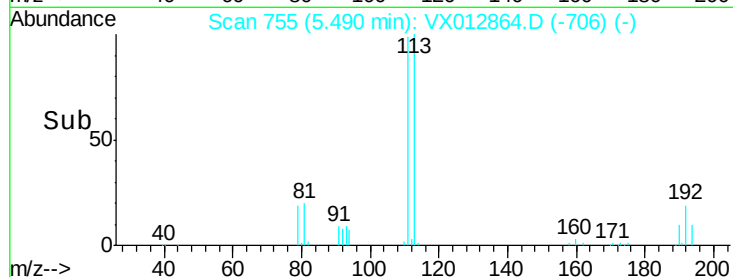
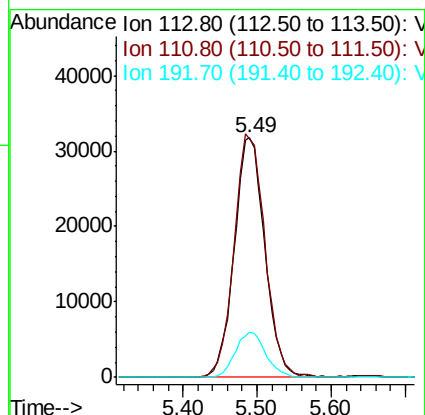
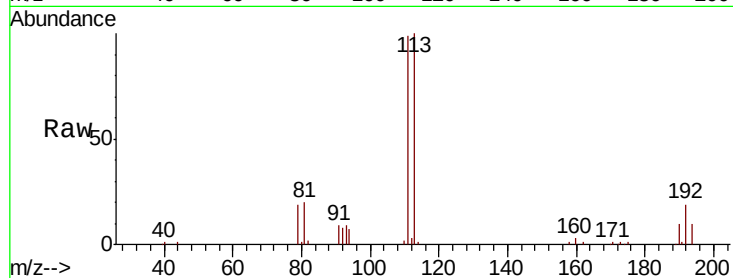




#35
Dibromofluoromethane
Concen: 49.555 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012864.D
Acq: 08 Oct 2019 02:29

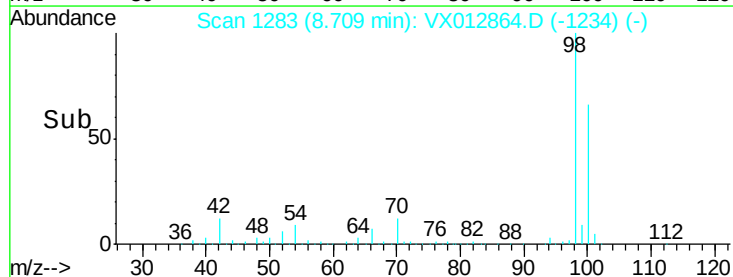
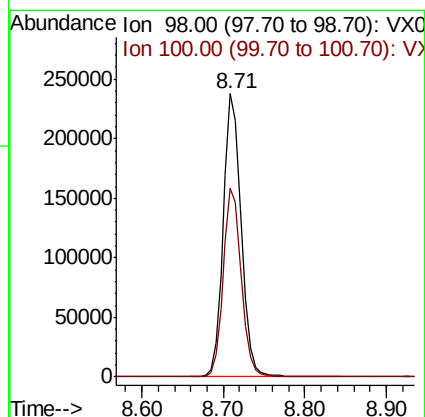
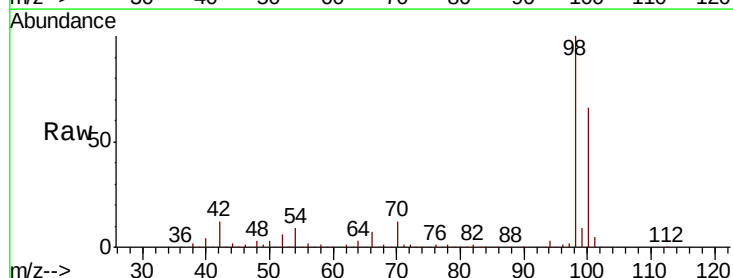
Instrument :
MSVOA_X
ClientSampleId :
FA19-056MW04-9001

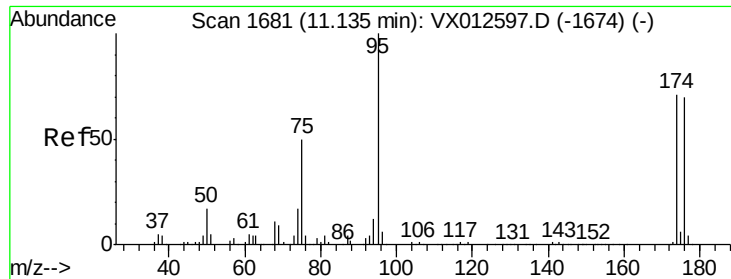
Tot Ion:113 Resp: 91542
Ion Ratio Lower Upper
113 100
111 102.2 83.4 125.2
192 18.8 14.4 21.6



#50
Toluene-d8
Concen: 51.360 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012864.D
Acq: 08 Oct 2019 02:29

Tgt Ion: 98 Resp: 365378
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 46.417 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012864.D

Acq: 08 Oct 2019 02:29

Instrument :

MSVOA_X

ClientSampleId :

FA19-056MW04-9001

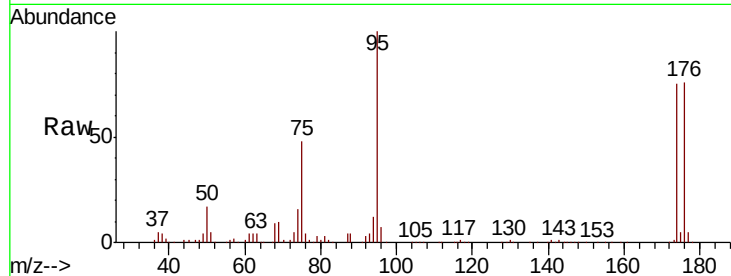
Tot Ion: 95 Resp: 129841

Ion Ratio Lower Upper

95 100

174 69.3 0.0 140.0

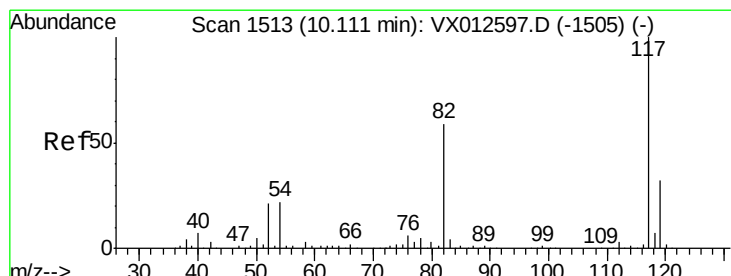
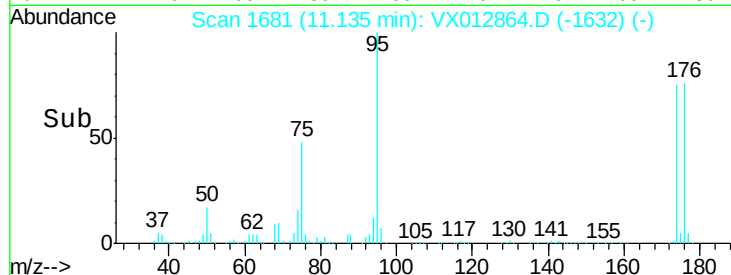
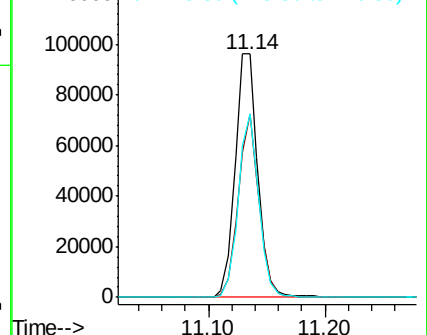
176 68.5 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012864.D

Acq: 08 Oct 2019 02:29

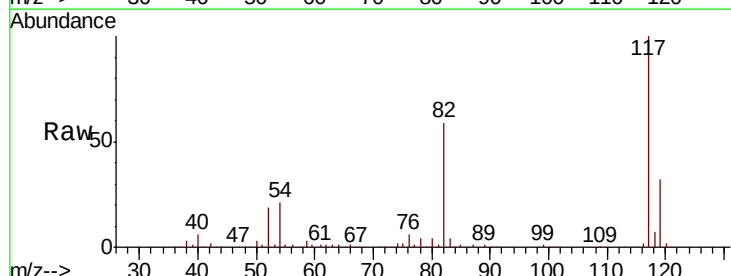
Tgt Ion: 117 Resp: 262535

Ion Ratio Lower Upper

117 100

82 58.8 45.9 68.9

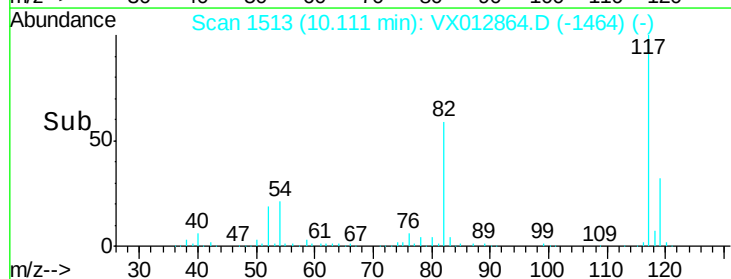
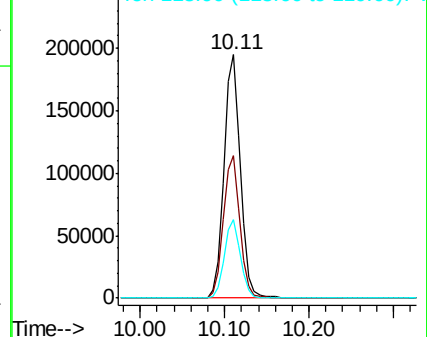
119 32.4 25.3 37.9

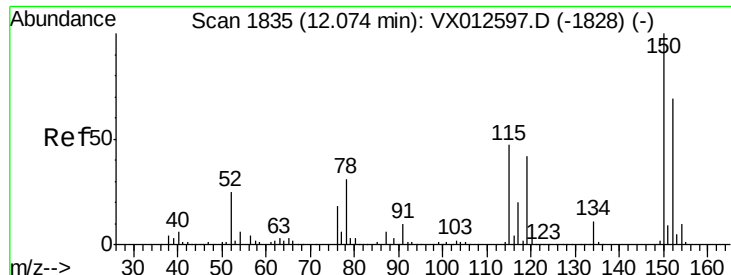


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

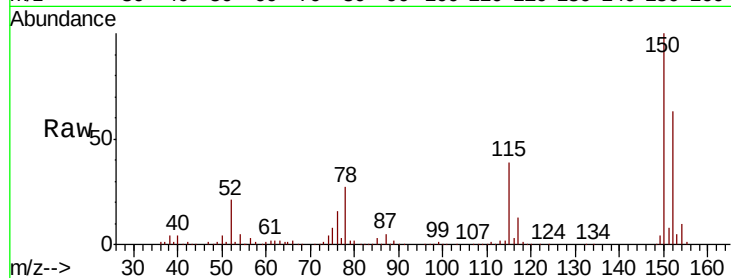




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012864.D
 Acq: 08 Oct 2019 02:29

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-056MW04-9001

Tot Ion	Ratio	Lower	Upper
152	100		
115	63.2	44.1	132.3
150	158.4	0.0	343.8



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

