

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082719\
 Data File : VX011859.D
 Acq On : 27 Aug 2019 18:48
 Operator : JC/SP
 Sample : K4525-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-A3(0)

Quant Time: Aug 28 04:06:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 01:48:12 2019
 Response via : Initial Calibration

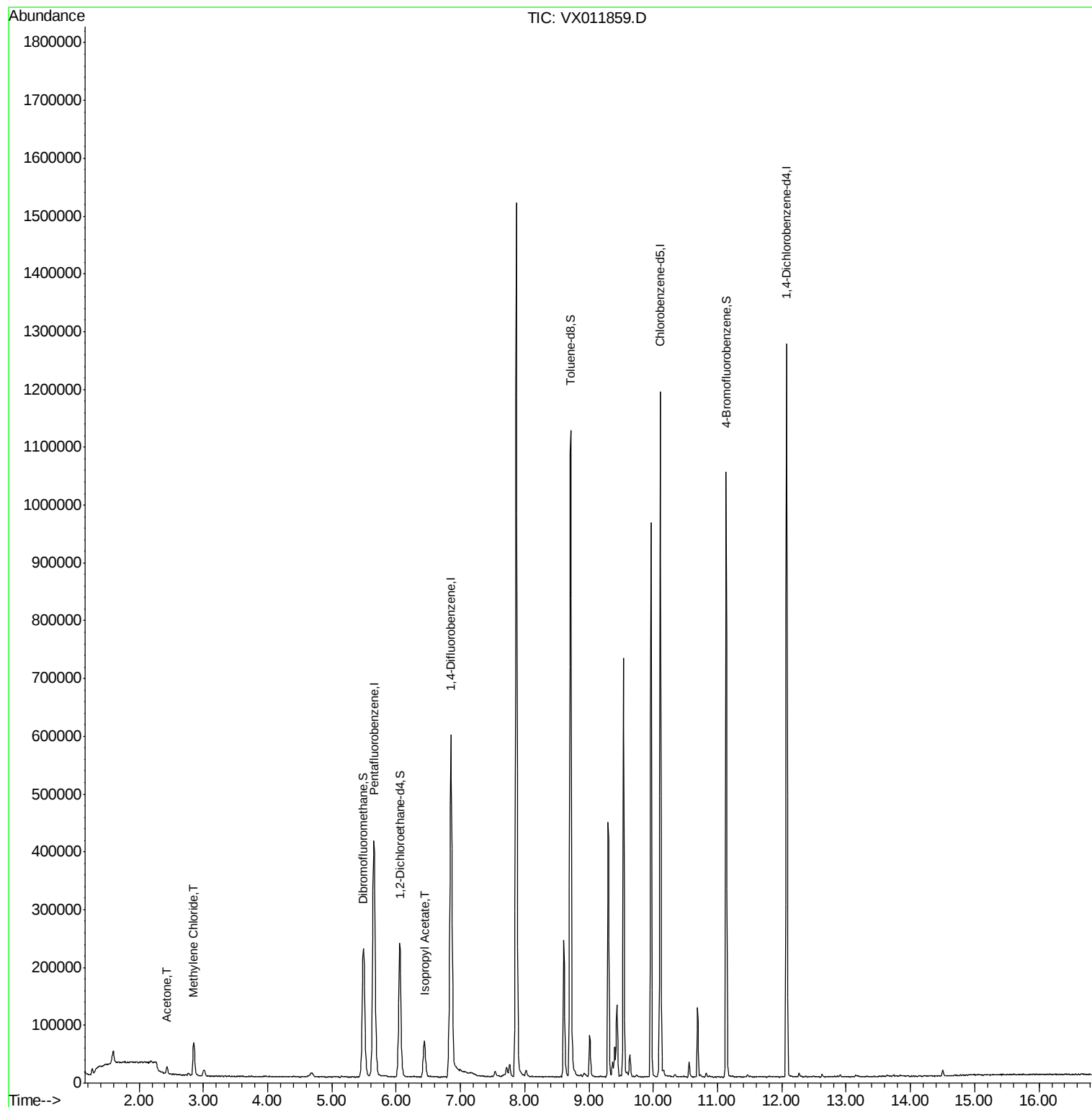
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	430976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	596344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	526175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	217101	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
35) Dibromofluoromethane	5.49	113	185861	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
50) Toluene-d8	8.71	98	680736	50.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.22%	
62) 4-Bromofluorobenzene	11.13	95	252830	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
Target Compounds						
16) Acetone	2.43	43	13972	7.419	ug/l	99
20) Methylene Chloride	2.85	84	28081	7.293	ug/l #	88
43) Isopropyl Acetate	6.44	43	91056	11.368	ug/l	99

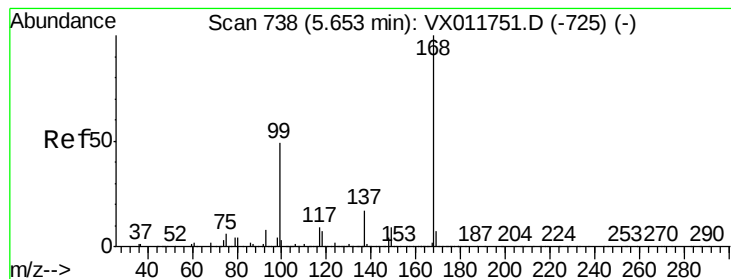
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 01:48:12 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.00 min

Lab File: VX011859.D

Acq: 27 Aug 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

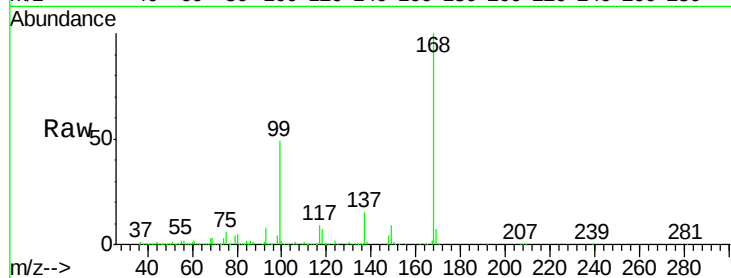
T9-12-13-A3(0)

Tot Ion:168 Resp: 430976

Ion Ratio Lower Upper

168 100

99 48.5 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

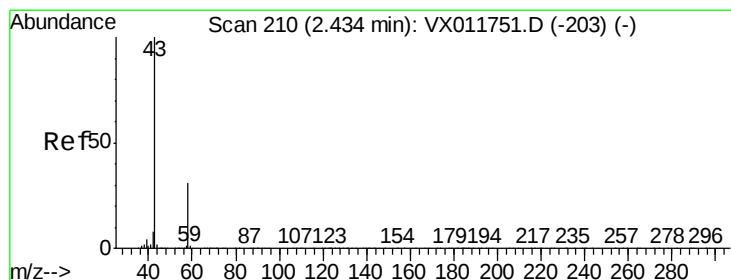
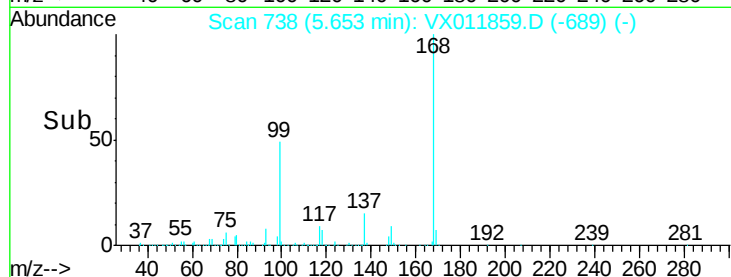
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 7.419 ug/l

RT: 2.43 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX011859.D

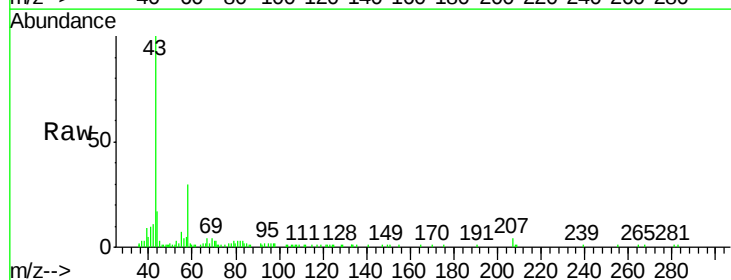
Acq: 27 Aug 2019 18:48

Tgt Ion: 43 Resp: 13972

Ion Ratio Lower Upper

43 100

58 29.7 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

10000

8000

6000

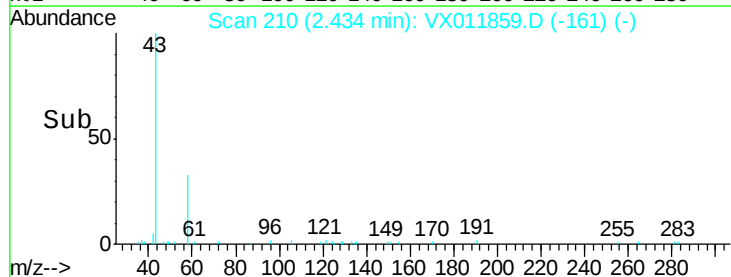
4000

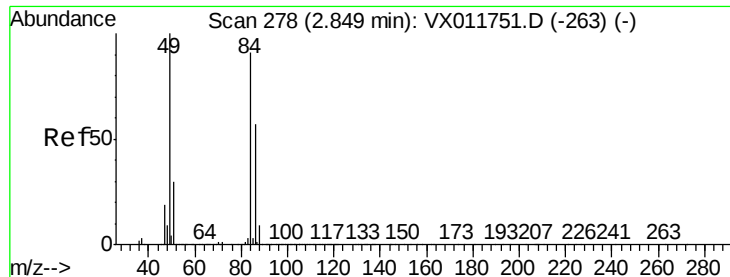
2000

0

2.40 2.50

Time-->





#20

Methylene Chloride

Concen: 7.293 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.00 min

Lab File: VX011859.D

Acq: 27 Aug 2019 18:48

Instrument :
MSVOA_X
ClientSampled :
T9-12-13-A3(0)

Tot Ion: 84 Resp: 28081

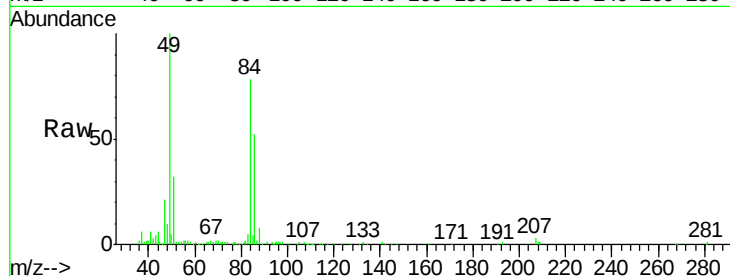
Ion Ratio Lower Upper

84 100

49 128.6 88.3 132.5

51 39.8 26.2 39.2#

86 66.1 50.6 76.0

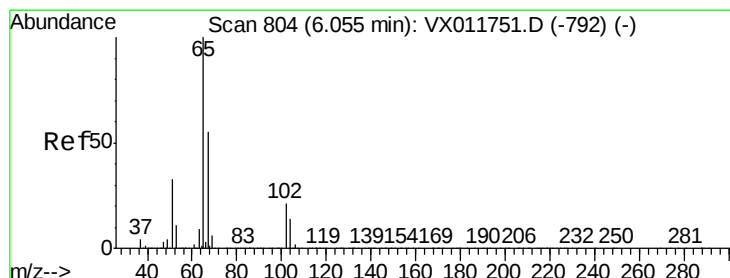
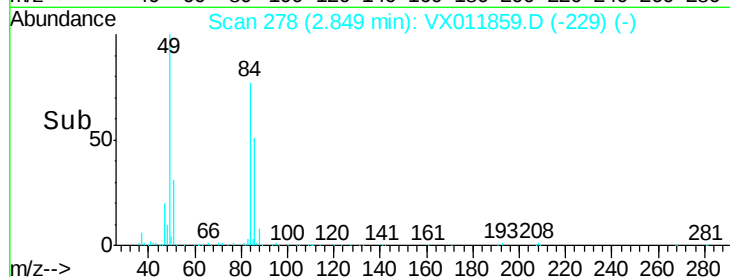
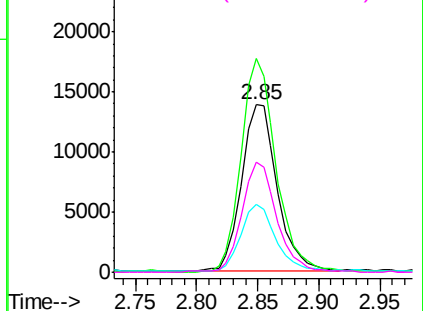


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.146 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX011859.D

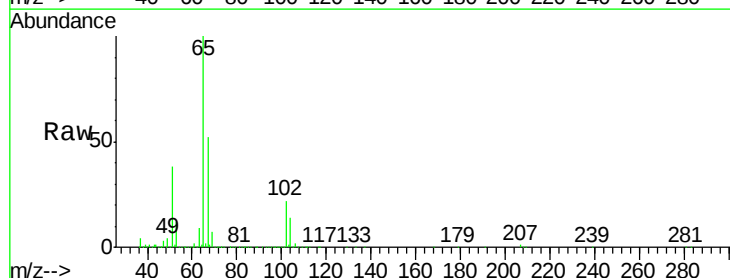
Acq: 27 Aug 2019 18:48

Tgt Ion: 65 Resp: 217101

Ion Ratio Lower Upper

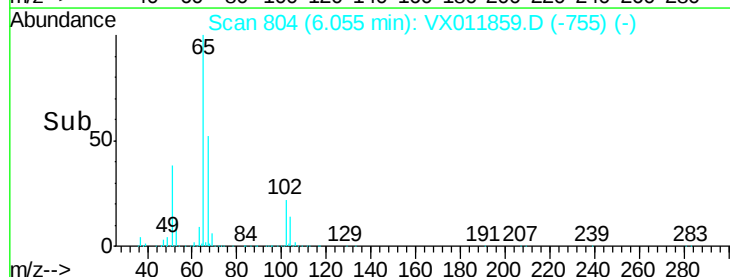
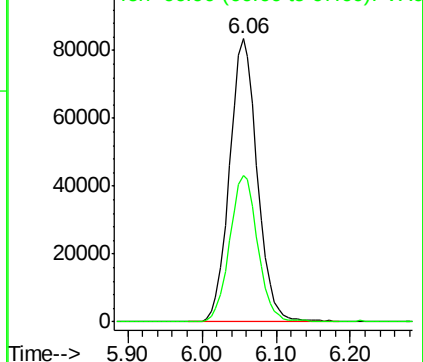
65 100

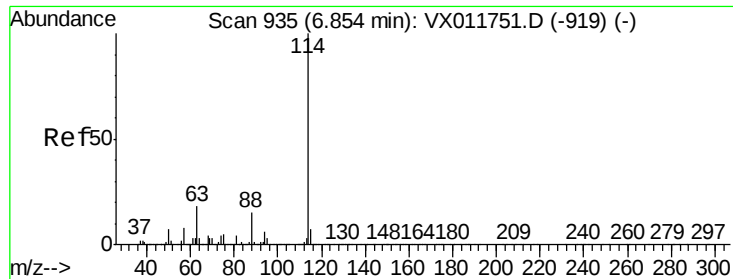
67 52.1 0.0 107.8



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: VX011859.D

Acq: 27 Aug 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-A3(0)

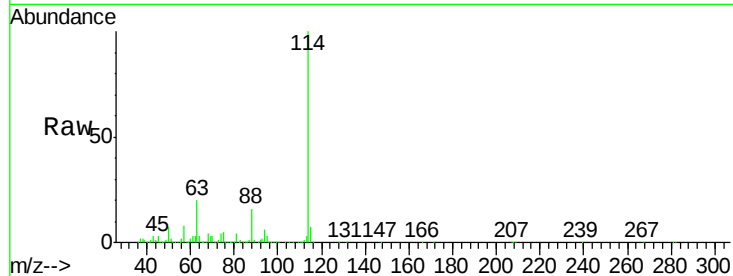
Tot Ion:114 Resp: 596344

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.8

88 15.5 0.0 30.2



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

300000

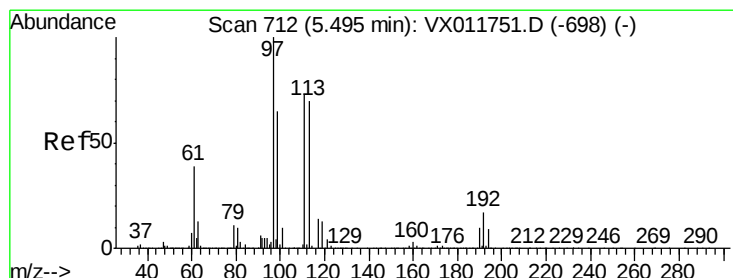
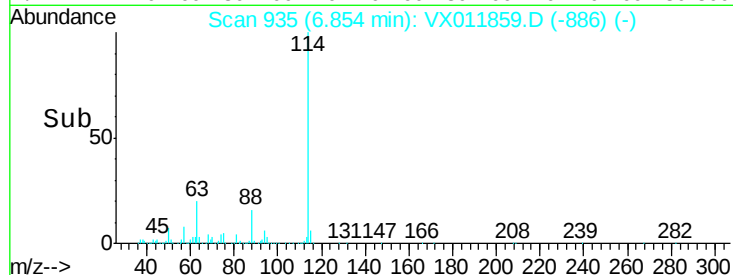
200000

100000

0

6.85

Time-->



#35

Dibromofluoromethane

Concen: 48.198 ug/l

RT: 5.49 min Scan# 711

Delta R.T. -0.01 min

Lab File: VX011859.D

Acq: 27 Aug 2019 18:48

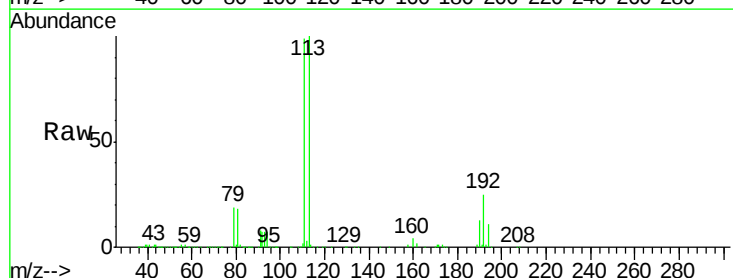
Tgt Ion:113 Resp: 185861

Ion Ratio Lower Upper

113 100

111 102.9 81.0 121.4

192 25.9 19.9 29.9



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

80000

60000

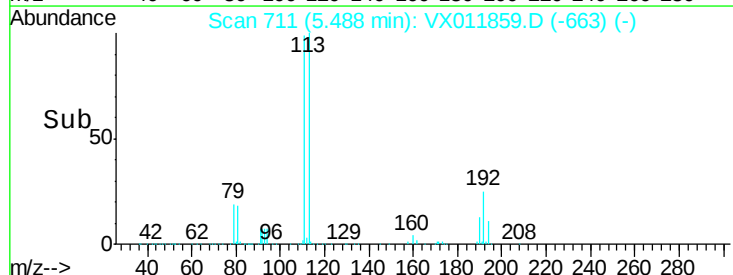
40000

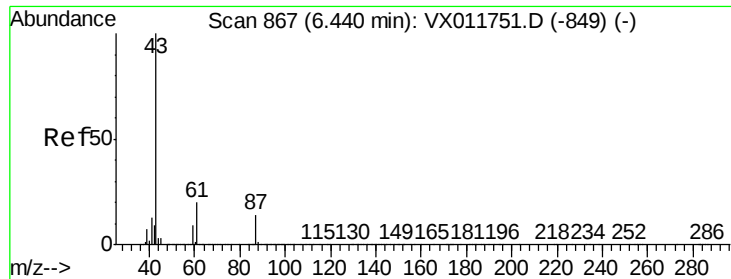
20000

0

5.49

Time-->



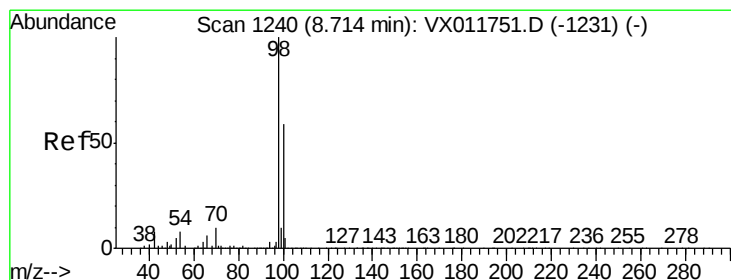
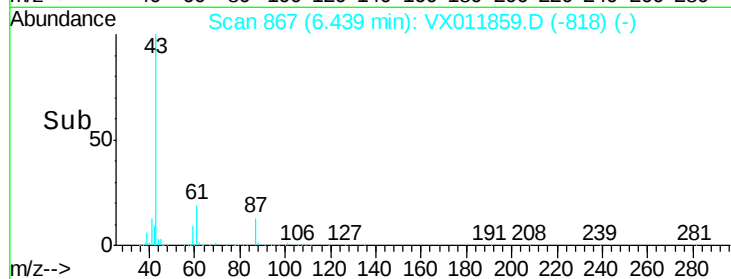
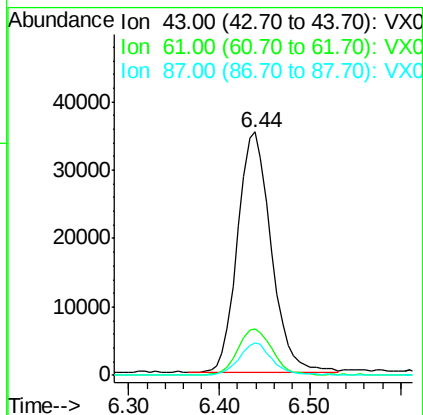
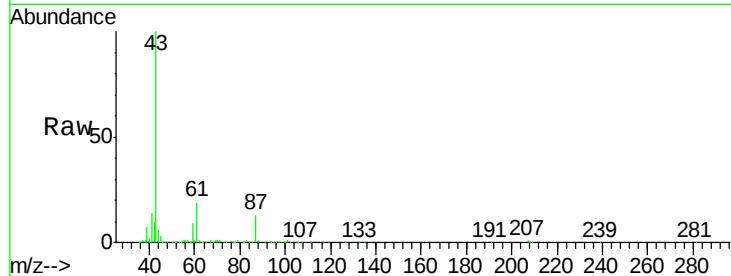


#43

Isopropyl Acetate
 Concen: 11.368 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.00 min
 Lab File: VX011859.D
 Acq: 27 Aug 2019 18:48

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-A3(0)

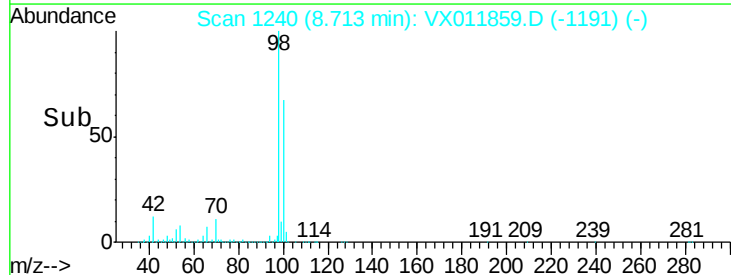
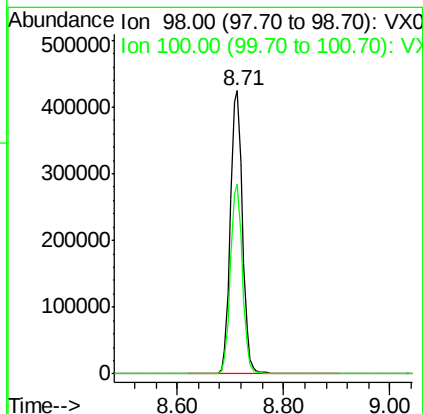
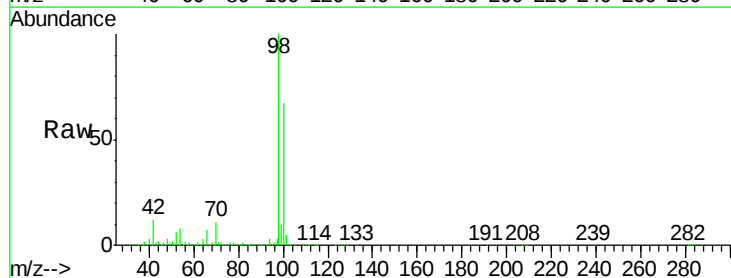
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.0	16.2	24.2
87	13.3	11.6	17.4

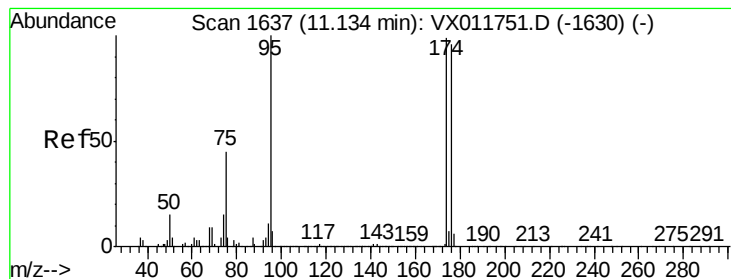


#50

Toluene-d8
 Concen: 50.611 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX011859.D
 Acq: 27 Aug 2019 18:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.1	78.1





#62

4-Bromofluorobenzene

Concen: 47.556 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011859.D

Acq: 27 Aug 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-A3(0)

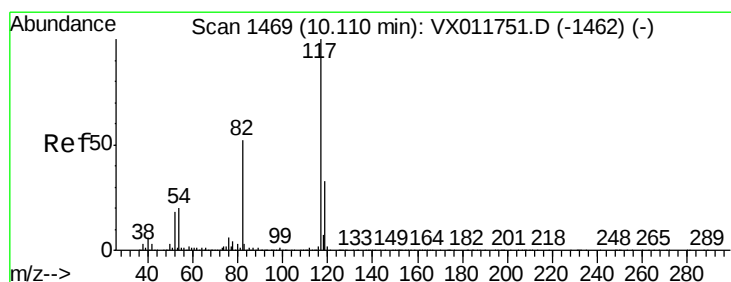
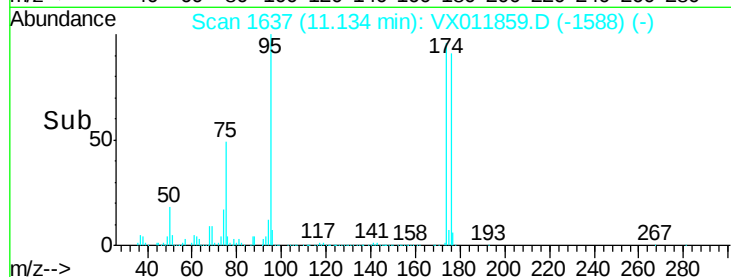
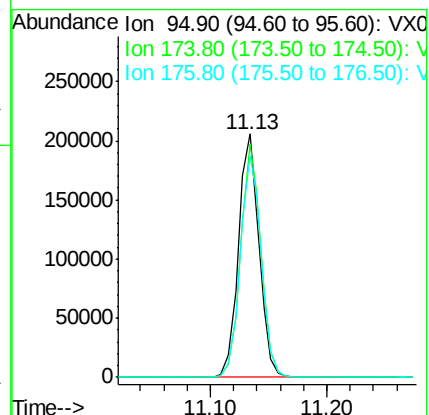
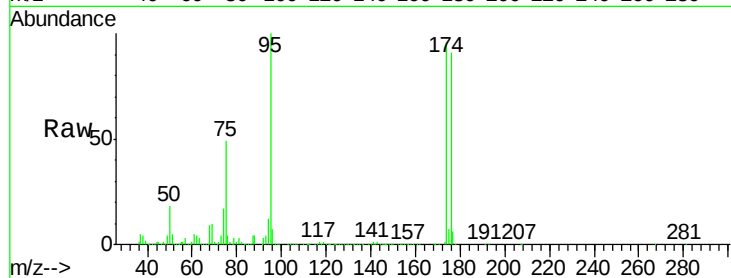
Tot Ion: 95 Resp: 252830

Ion Ratio Lower Upper

95 100

174 94.5 0.0 197.4

176 92.8 0.0 194.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011859.D

Acq: 27 Aug 2019 18:48

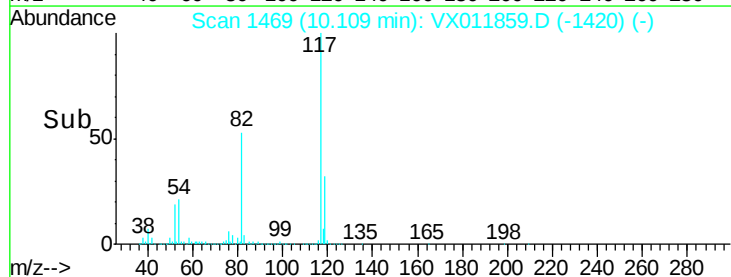
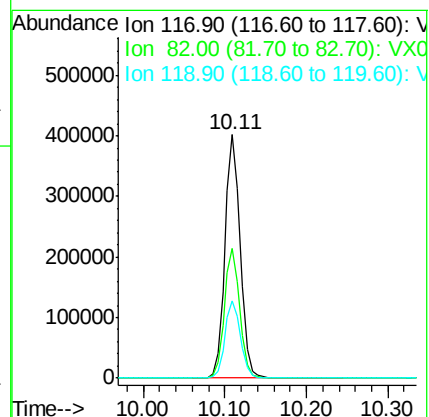
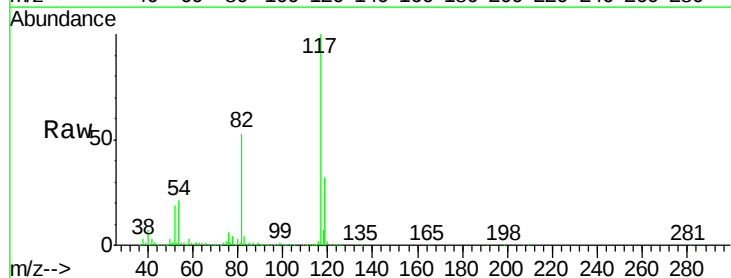
Tgt Ion: 117 Resp: 526175

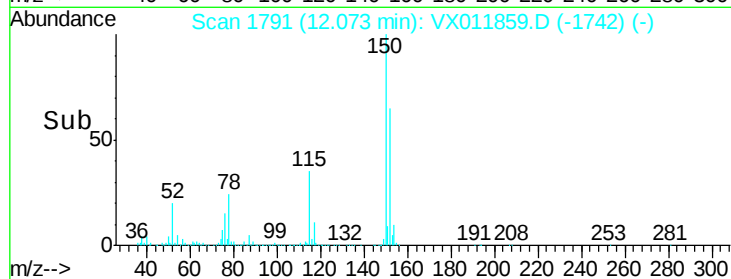
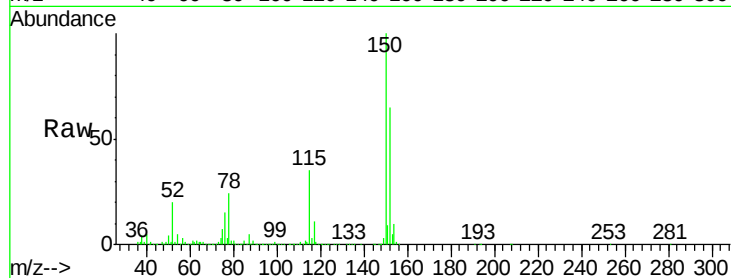
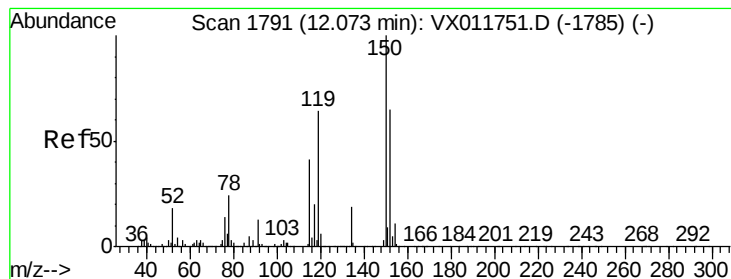
Ion Ratio Lower Upper

117 100

82 53.4 41.7 62.5

119 31.8 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX011859.D

Acq: 27 Aug 2019 18:48

Instrument :

MSVOA_X

ClientSampleId :

T9-12-13-A3(0)

Tot Ion:152 Resp: 265347

Ion Ratio Lower Upper

152 100

115 53.7 37.3 111.8

150 155.2 0.0 343.0

