

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011320\
 Data File : VX014587.D
 Acq On : 13 Jan 2020 15:21
 Operator : JC/SP
 Sample : L1106-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CIY1-WC-SB-02-03

Quant Time: Jan 14 14:08:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

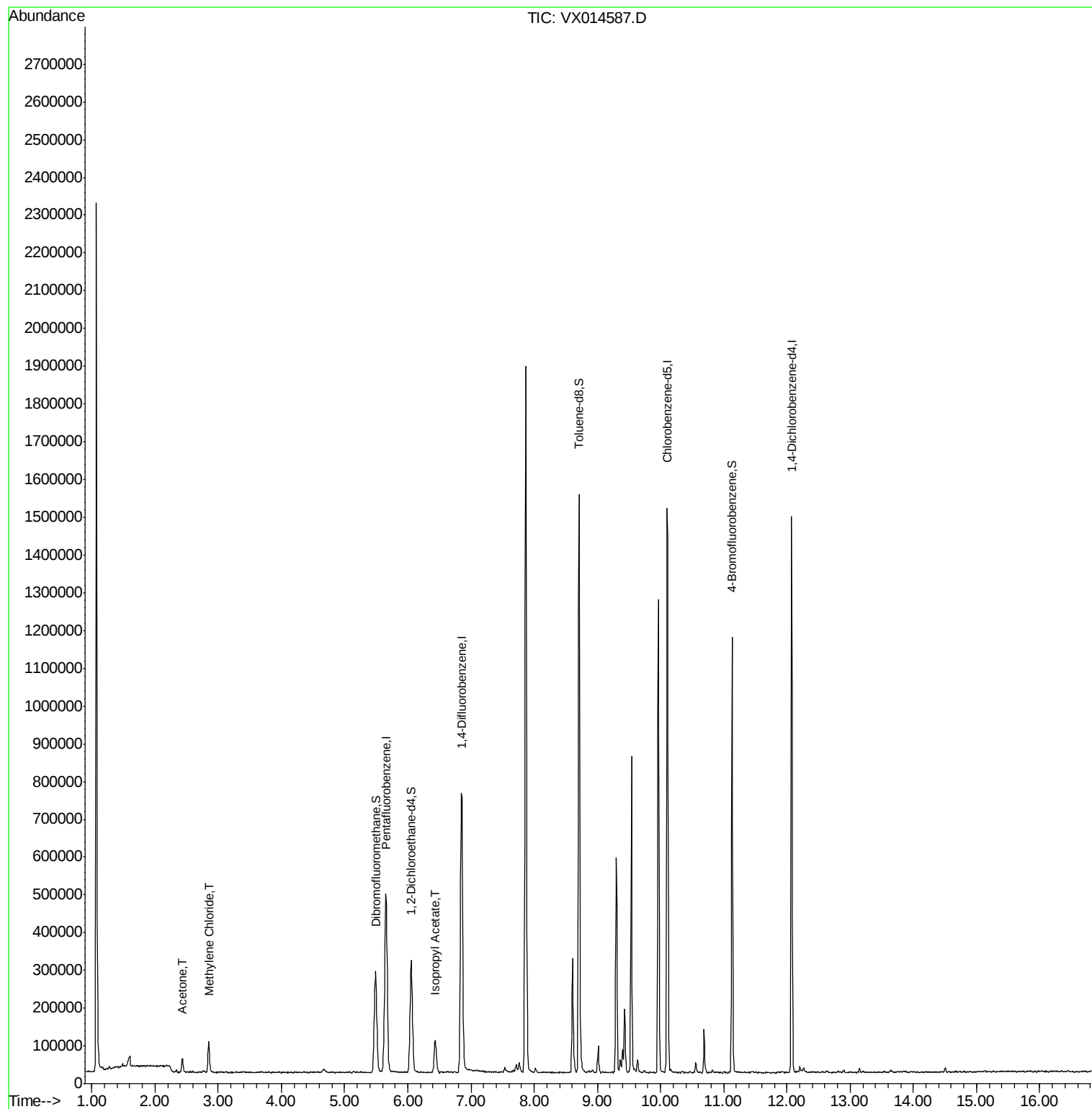
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	494660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	772813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	697003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	303918	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	277024	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
35) Dibromofluoromethane	5.49	113	229871	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
50) Toluene-d8	8.71	98	925213	50.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.92%	
62) 4-Bromofluorobenzene	11.13	95	305479	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
Target Compounds						
16) Acetone	2.43	43	41344	10.936	ug/l	93
20) Methylene Chloride	2.85	84	39962	7.194	ug/l	95
43) Isopropyl Acetate	6.43	43	115626	9.067	ug/l	100

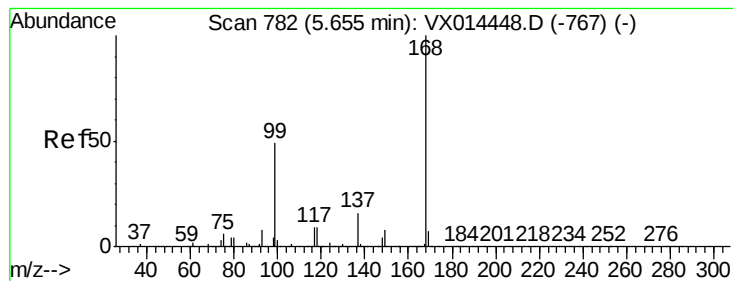
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX014587.D

Acq: 13 Jan 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

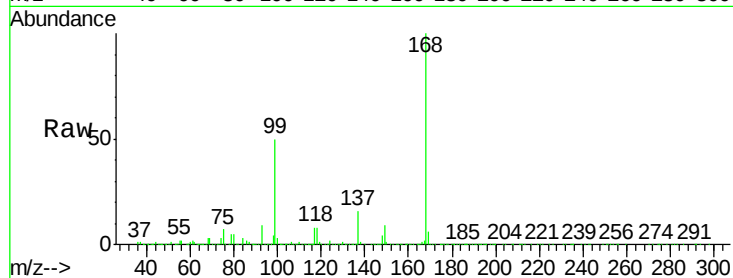
CIY1-WC-SB-02-03

Tot Ion:168 Resp: 494660

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

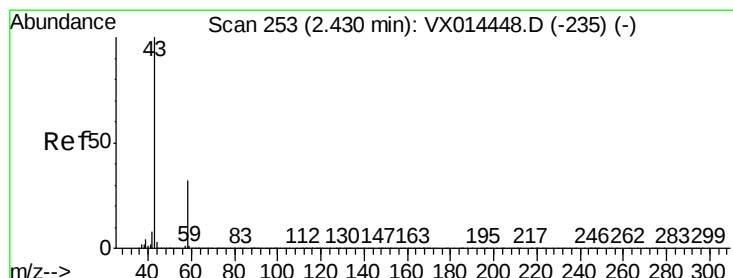
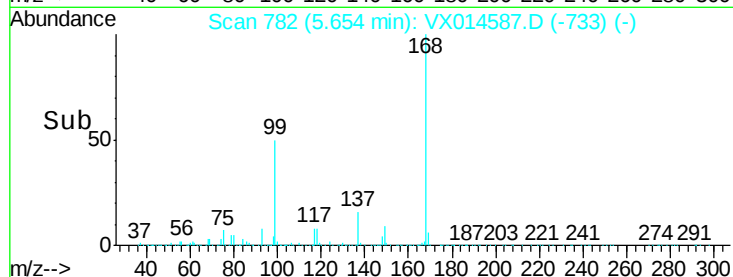
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 10.936 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014587.D

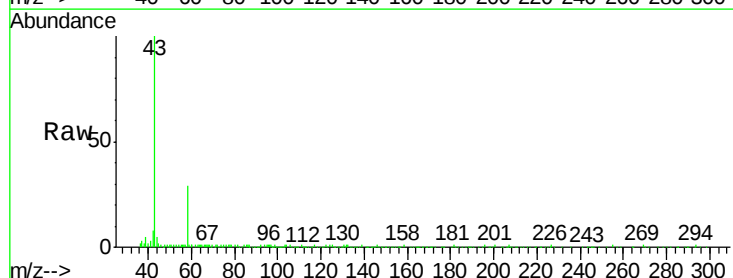
Acq: 13 Jan 2020 15:21

Tgt Ion: 43 Resp: 41344

Ion Ratio Lower Upper

43 100

58 27.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

30000

25000

20000

15000

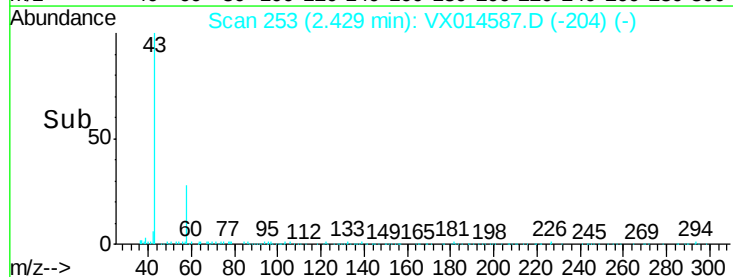
10000

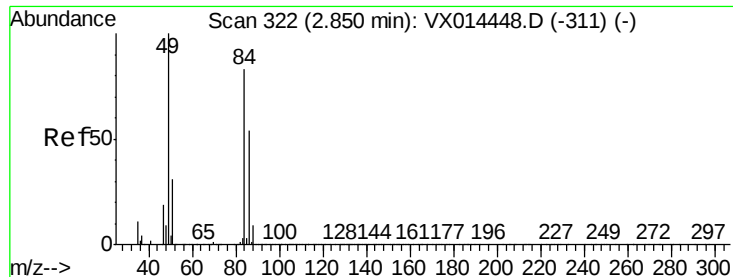
5000

0

Time-->

2.35 2.40 2.45 2.50

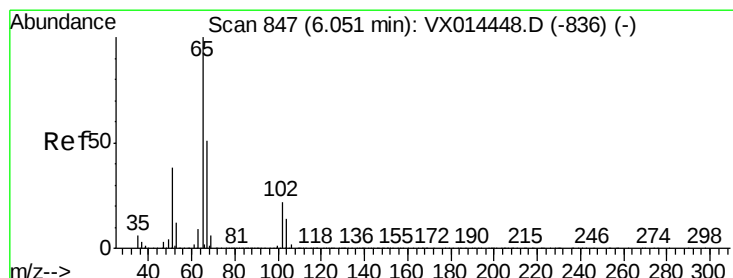
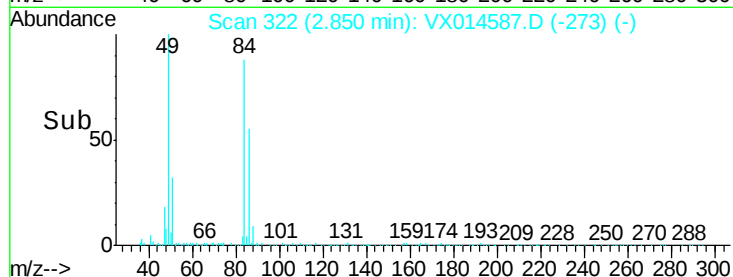
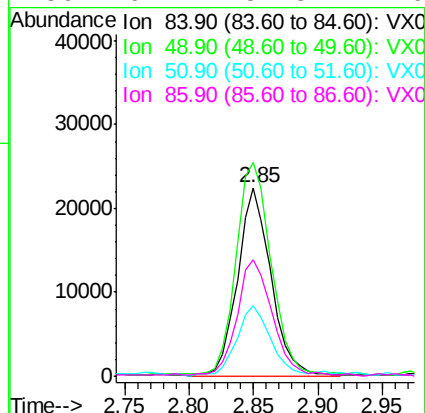
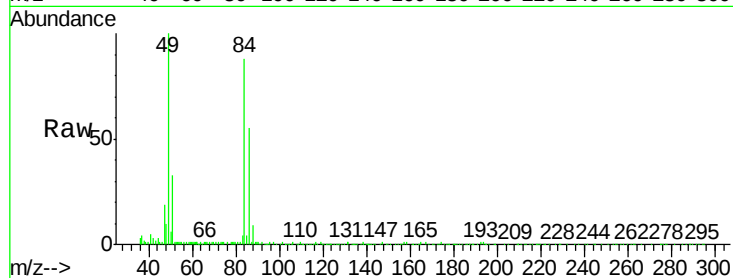




#20
Methvlene Chloride
Concen: 7.194 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014587.D
Acq: 13 Jan 2020 15:21

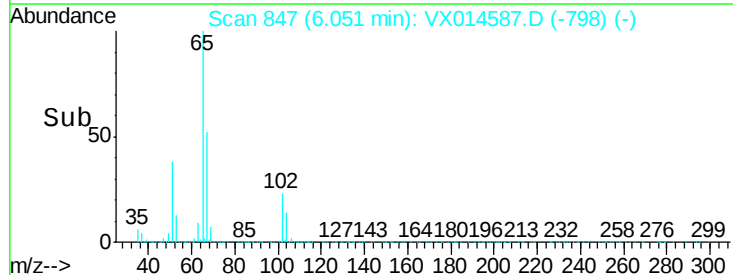
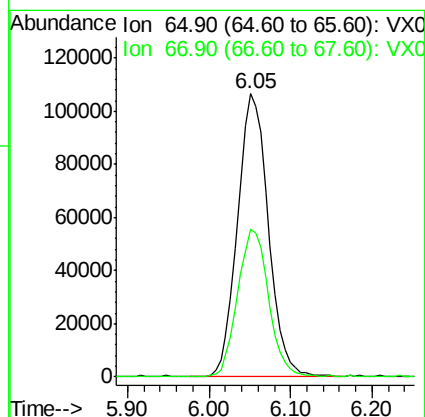
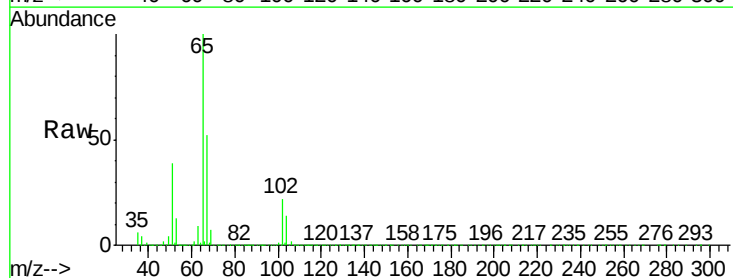
Instrument :
MSVOA_X
ClientSampleId :
CIY1-WC-SB-02-03

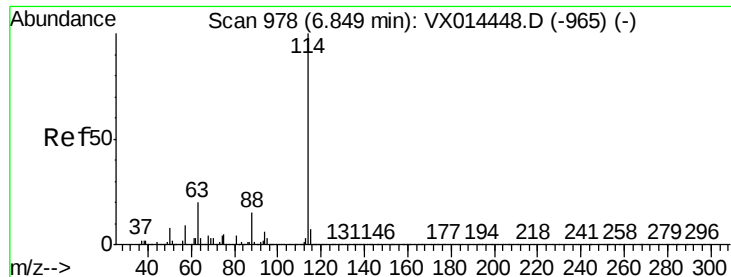
Tot Ion:	84	Resp:	39962
Ion	Ratio	Lower	Upper
84	100		
49	112.5	95.8	143.8
51	36.0	30.2	45.4
86	61.2	51.8	77.6



#33
1,2-Dichloroethane-d4
Concen: 50.167 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX014587.D
Acq: 13 Jan 2020 15:21

Tgt Ion:	65	Resp:	277024
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014587.D

Acq: 13 Jan 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

CIY1-WC-SB-02-03

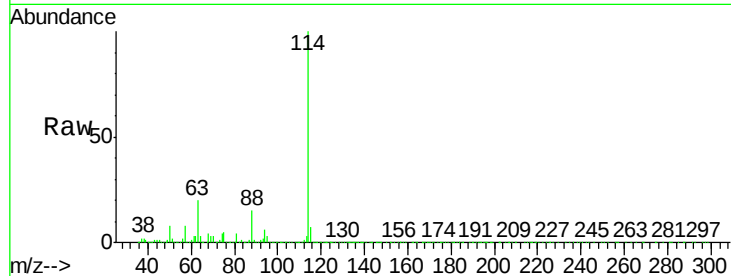
Tot Ion:114 Resp: 772813

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

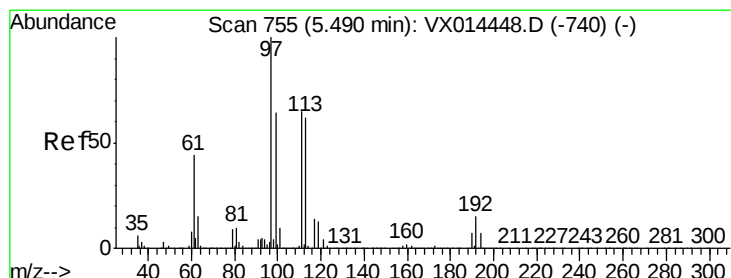
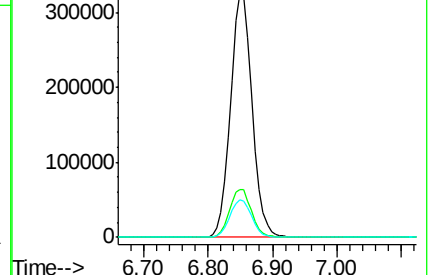
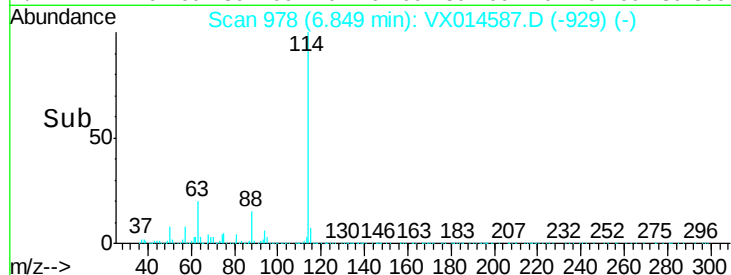
88 15.4 0.0 30.8



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: 49.137 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014587.D

Acq: 13 Jan 2020 15:21

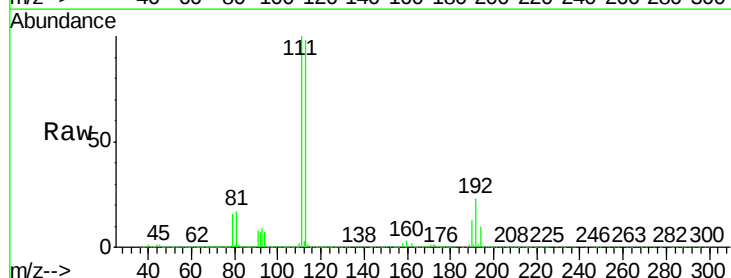
Tgt Ion:113 Resp: 229871

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

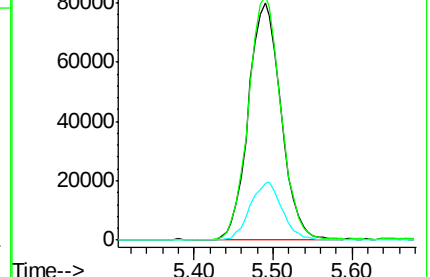
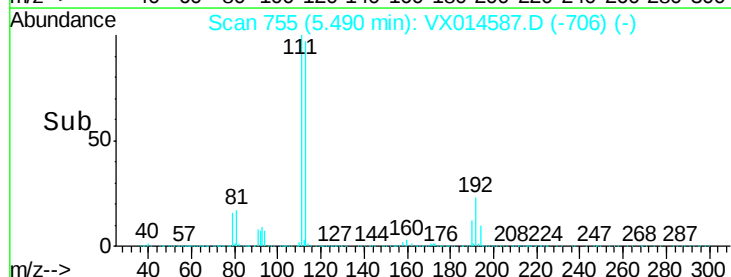
192 23.8 19.2 28.8

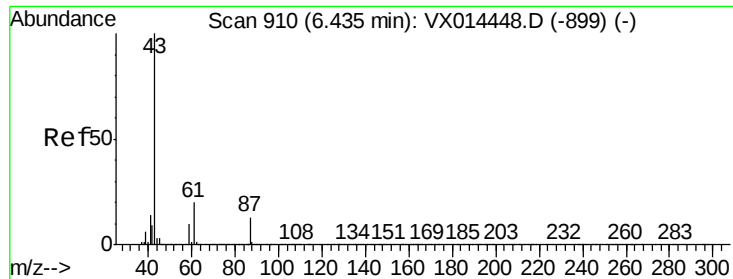


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.067 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014587.D

Acq: 13 Jan 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

CIY1-WC-SB-02-03

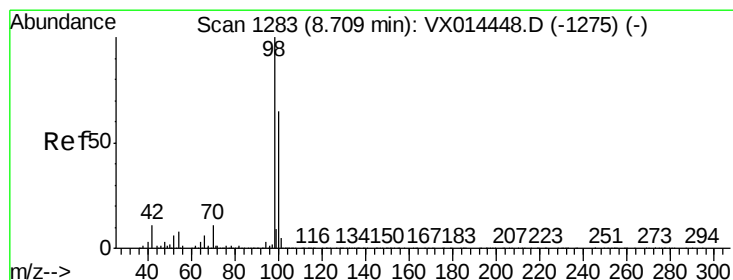
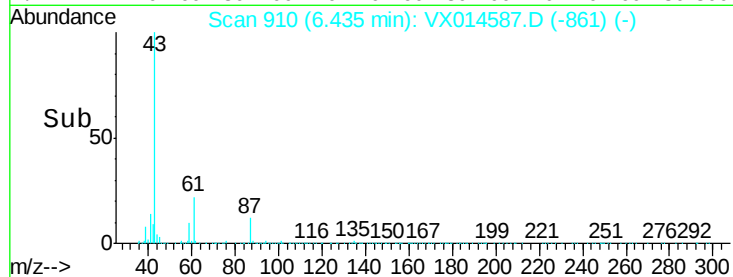
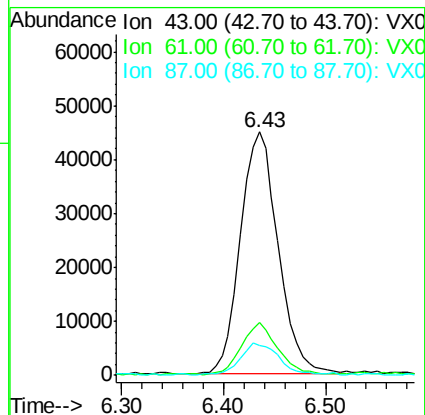
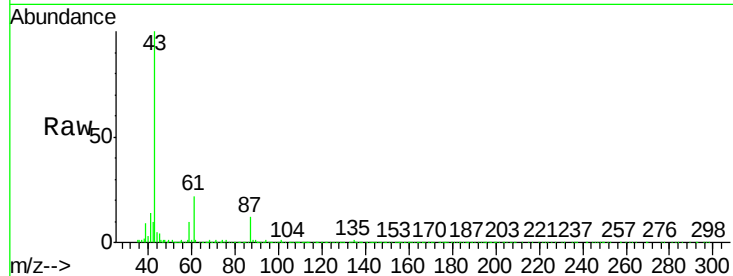
Tot Ion: 43 Resp: 115626

Ion Ratio Lower Upper

43 100

61 20.4 16.6 24.8

87 13.6 10.8 16.2



#50

Toluene-d8

Concen: 50.964 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014587.D

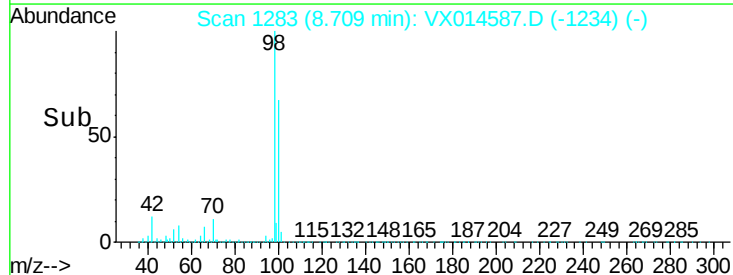
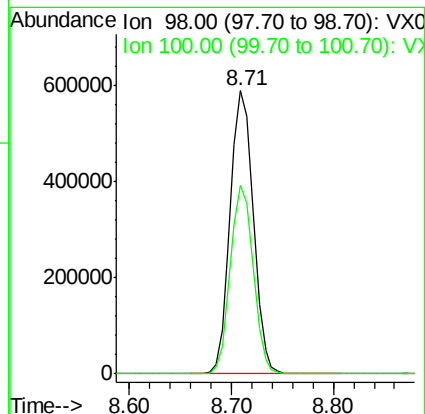
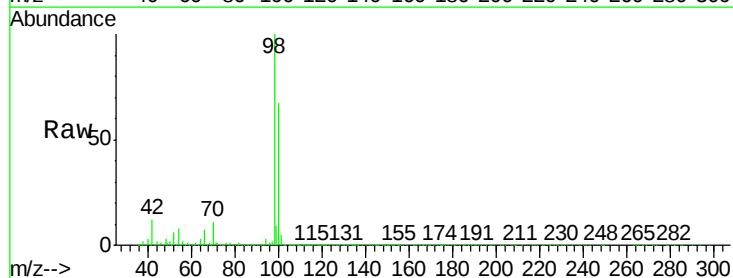
Acq: 13 Jan 2020 15:21

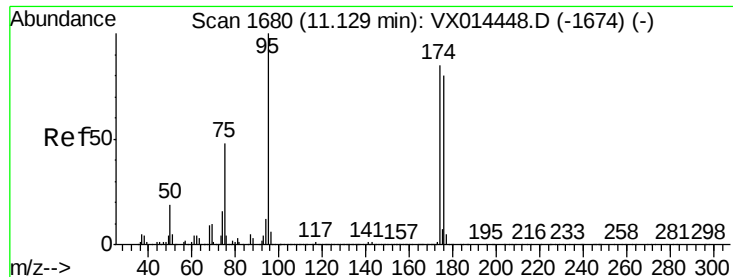
Tgt Ion: 98 Resp: 925213

Ion Ratio Lower Upper

98 100

100 65.4 53.2 79.8

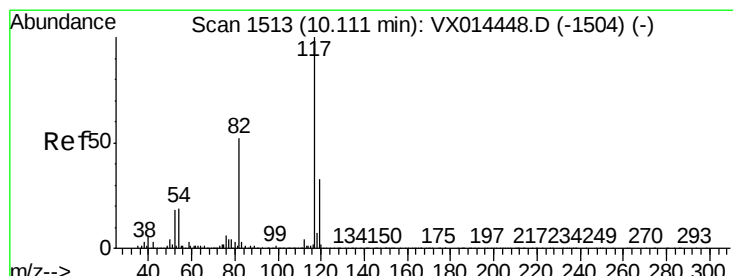
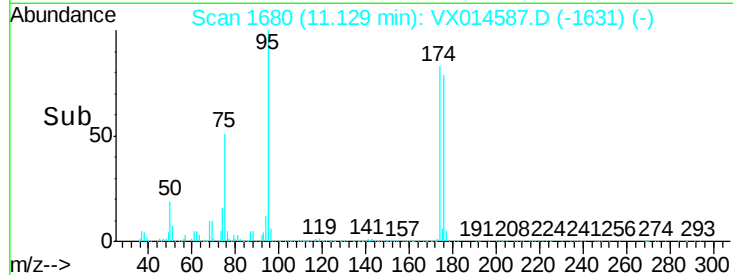
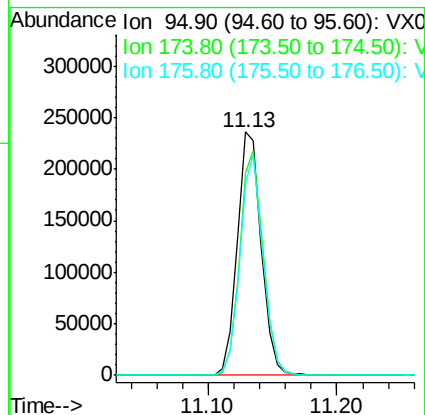
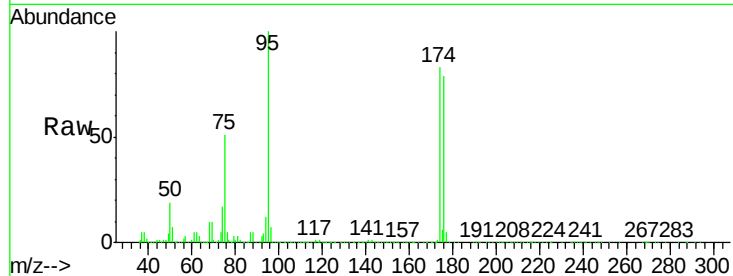




#62
4-Bromofluorobenzene
Concen: 45.835 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014587.D
Acq: 13 Jan 2020 15:21

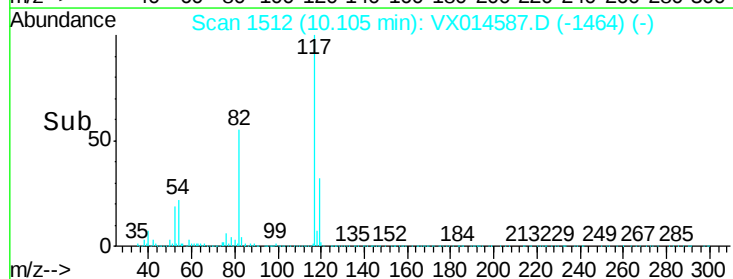
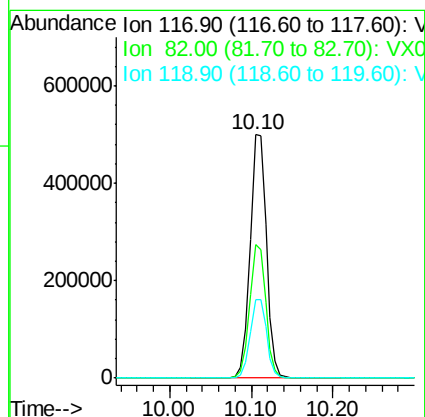
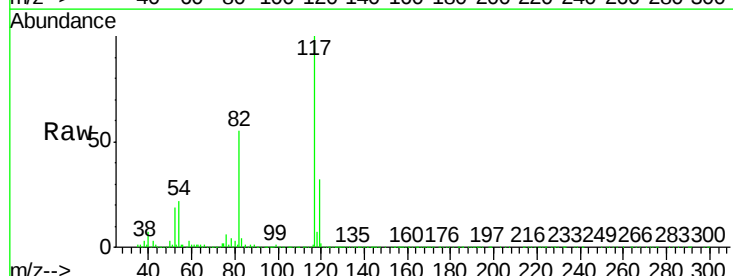
Instrument :
MSVOA_X
ClientSampleId :
CIY1-WC-SB-02-03

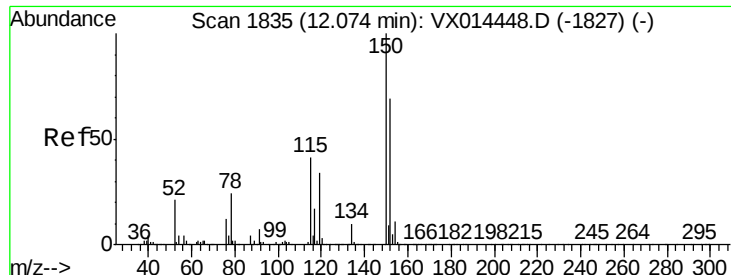
Tot Ion: 95 Resp: 305479
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.8
176 86.6 0.0 172.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014587.D
Acq: 13 Jan 2020 15:21

Tgt Ion: 117 Resp: 697003
Ion Ratio Lower Upper
117 100
82 54.9 41.8 62.6
119 32.2 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014587.D

Acq: 13 Jan 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

CIY1-WC-SB-02-03

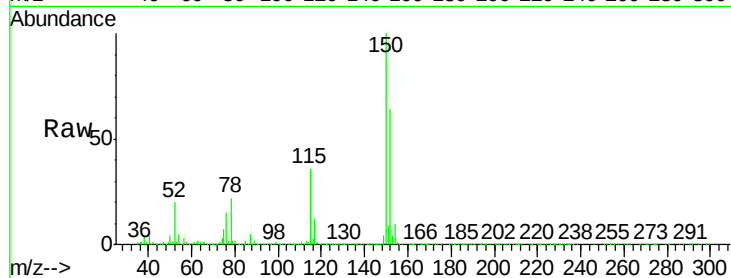
Tot Ion:152 Resp: 303918

Ion Ratio Lower Upper

152 100

115 55.4 39.5 118.3

150 157.0 0.0 350.2



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

