

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123119\
 Data File : VX014384.D
 Acq On : 31 Dec 2019 16:50
 Operator : JC/SP
 Sample : K6472-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 K309-WC-01

Quant Time: Jan 01 04:57:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

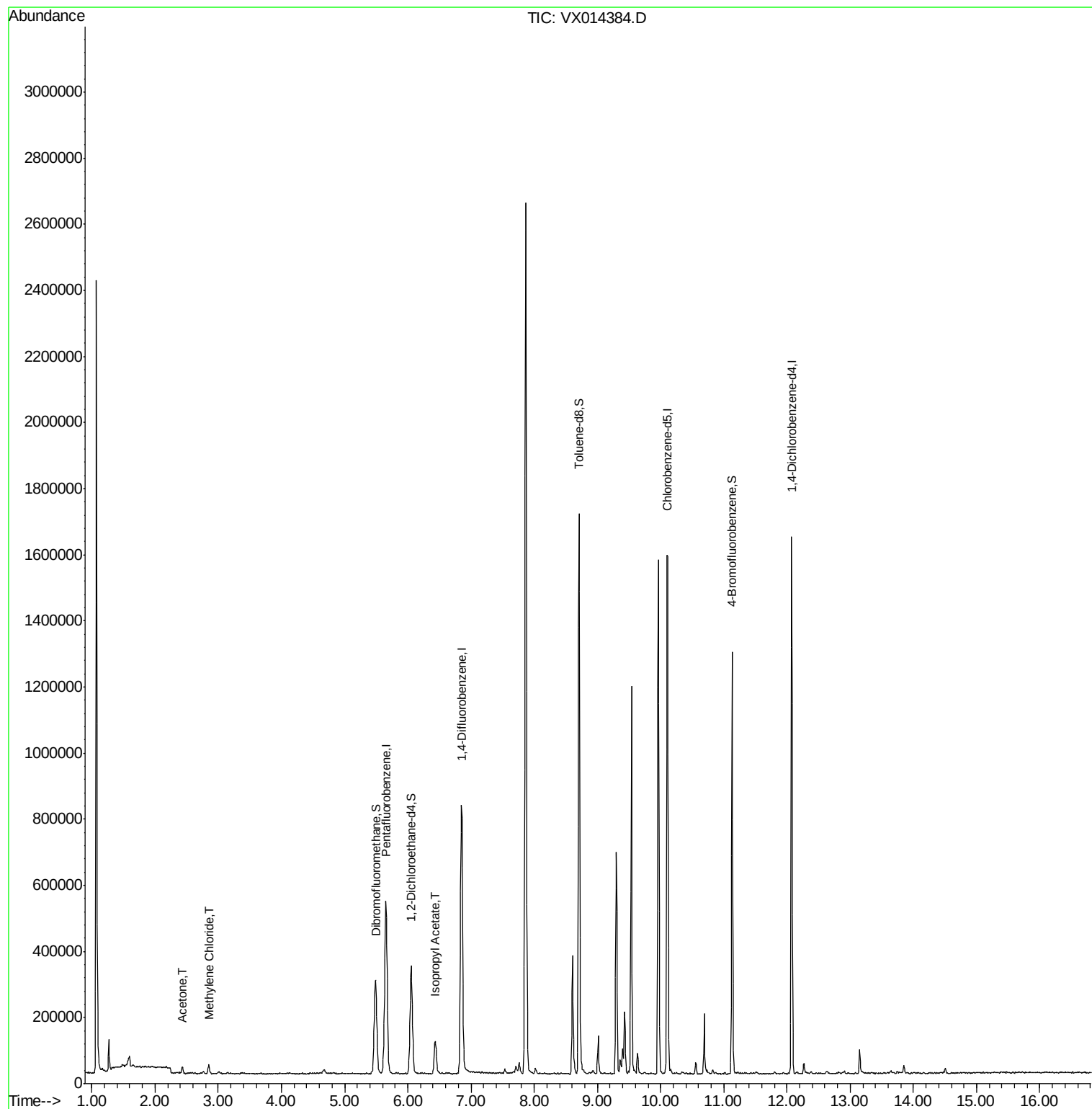
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	535055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	835441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	755267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	295428	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
35) Dibromofluoromethane	5.49	113	249146	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
50) Toluene-d8	8.71	98	1000502	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.13	95	342421	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
Target Compounds						
16) Acetone	2.44	43	21587	5.483	ug/l	94
20) Methylene Chloride	2.85	84	12478	2.013	ug/l	96
43) Isopropyl Acetate	6.43	43	139467	9.955	ug/l	99

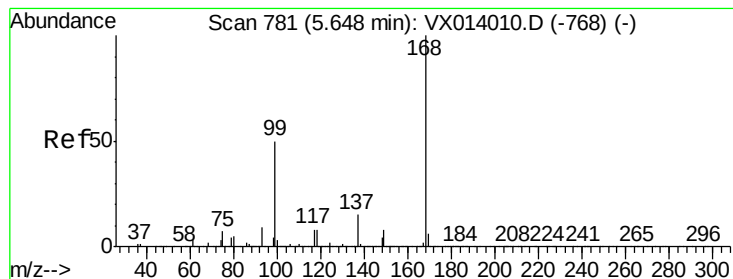
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 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: VX014384.D

Acq: 31 Dec 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

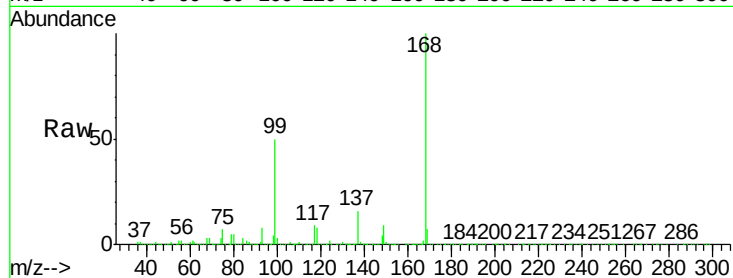
K309-WC-01

Tot Ion:168 Resp: 535055

Ion Ratio Lower Upper

168 100

99 50.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

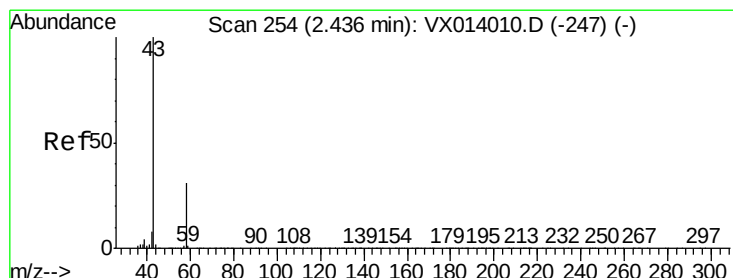
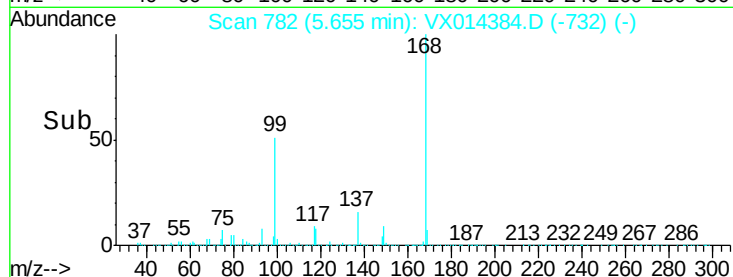
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.483 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX014384.D

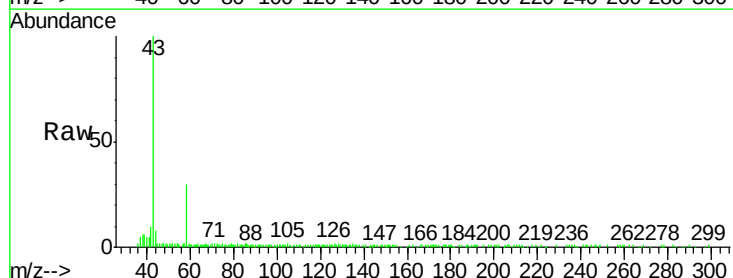
Acq: 31 Dec 2019 16:50

Tgt Ion: 43 Resp: 21587

Ion Ratio Lower Upper

43 100

58 28.0 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

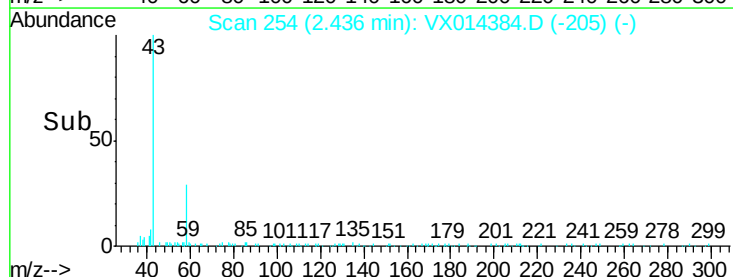
15000

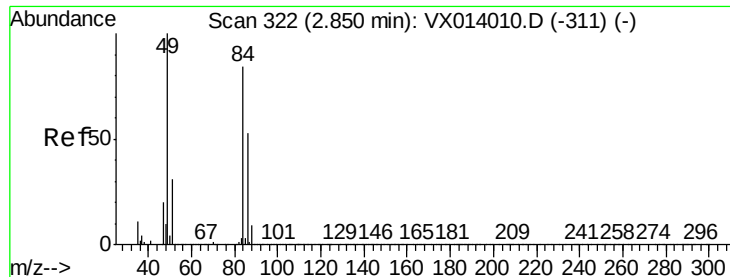
10000

5000

0

Time-->

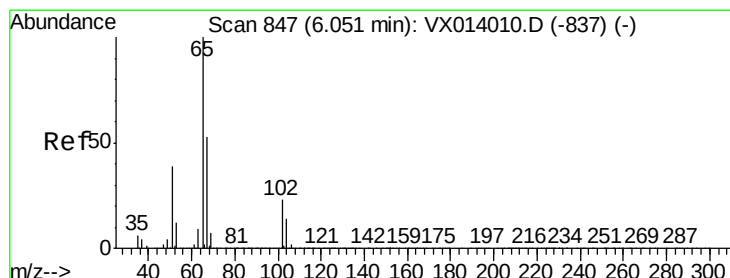
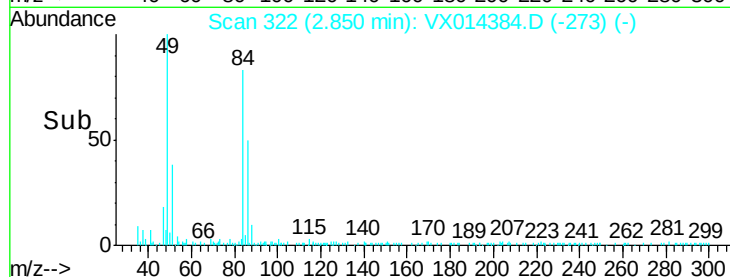
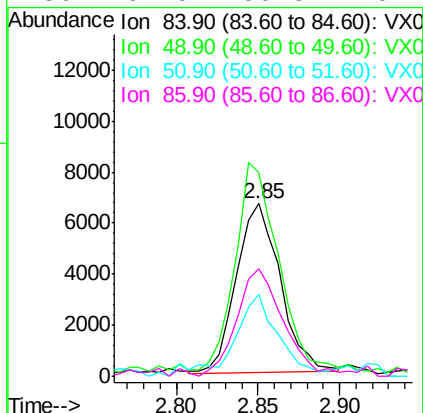
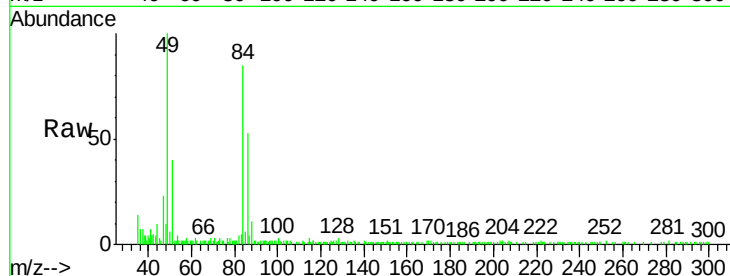




#20
Methylene Chloride
Concen: 2.013 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014384.D
Acq: 31 Dec 2019 16:50

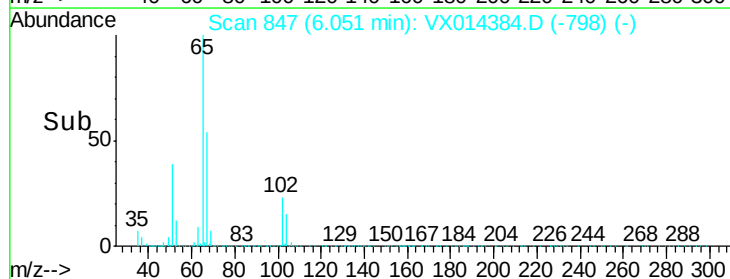
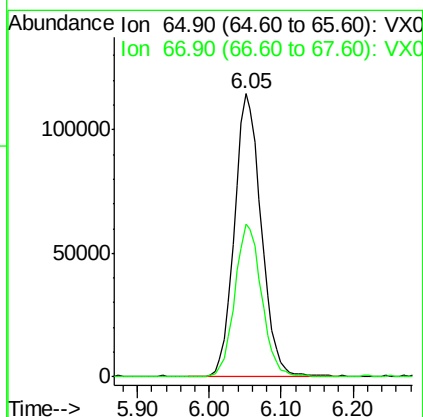
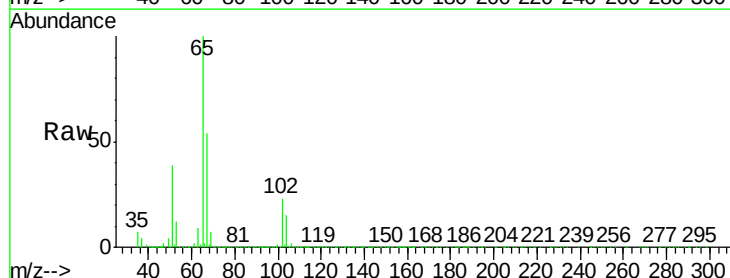
Instrument :
MSVOA_X
ClientSampleId :
K309-WC-01

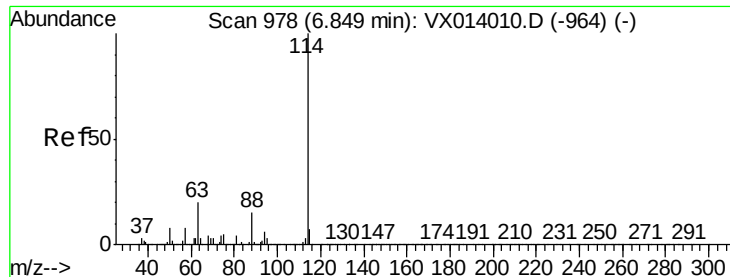
Tot Ion:	84	Resp:	12478
Ion	Ratio	Lower	Upper
84	100		
49	116.8	95.8	143.6
51	41.8	29.8	44.8
86	61.0	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 48.717 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014384.D
Acq: 31 Dec 2019 16:50

Tgt Ion:	65	Resp:	295428
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014384.D

Acq: 31 Dec 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

K309-WC-01

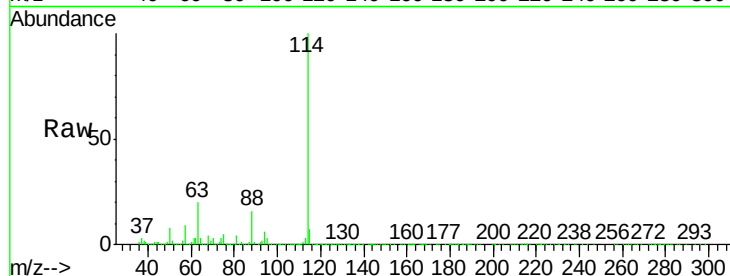
Tot Ion:114 Resp: 835441

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

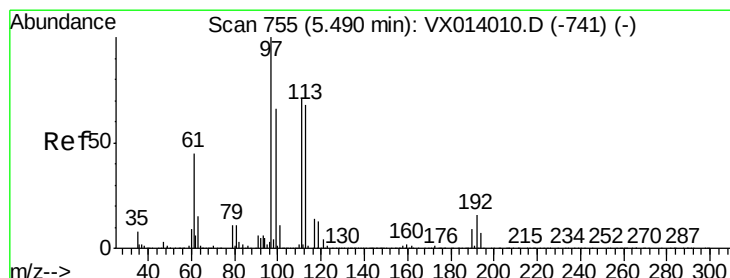
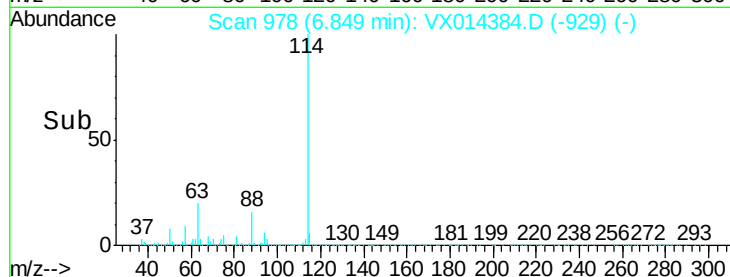
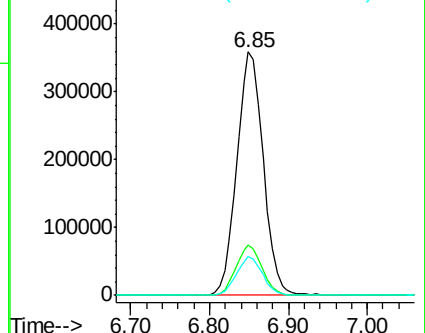
88 16.1 0.0 30.4



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: 49.058 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014384.D

Acq: 31 Dec 2019 16:50

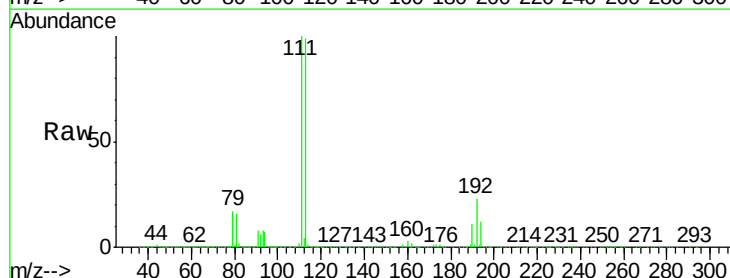
Tgt Ion:113 Resp: 249146

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

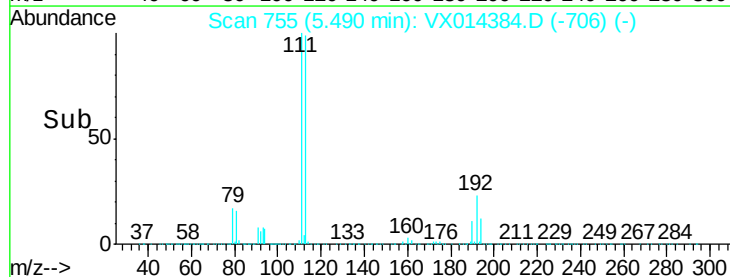
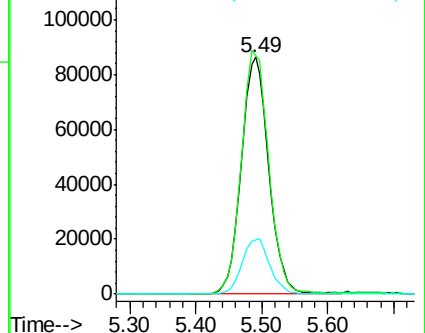
192 23.5 19.3 28.9

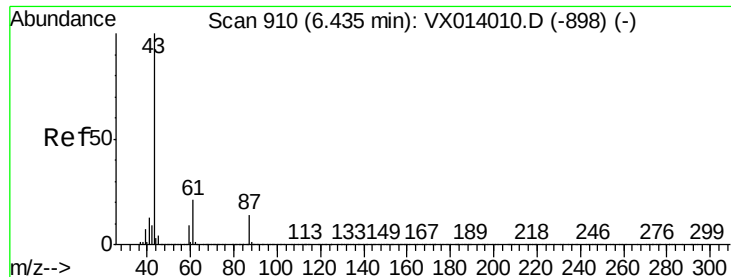


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.955 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX014384.D

Acq: 31 Dec 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

K309-WC-01

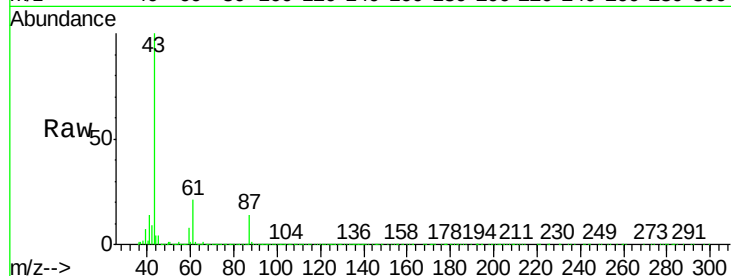
Tot Ion: 43 Resp: 139467

Ion Ratio Lower Upper

43 100

61 19.8 16.4 24.6

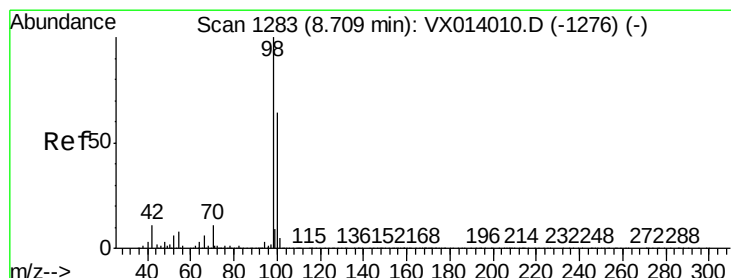
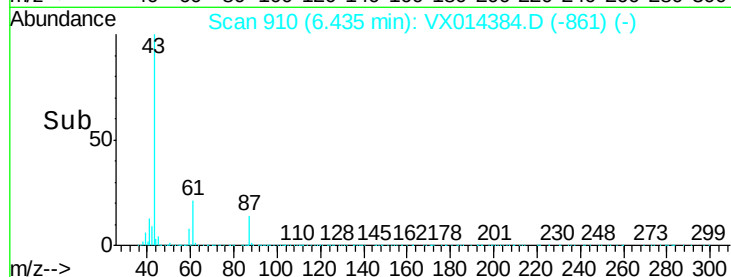
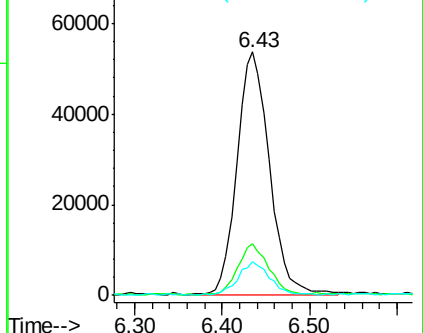
87 12.9 10.7 16.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.602 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014384.D

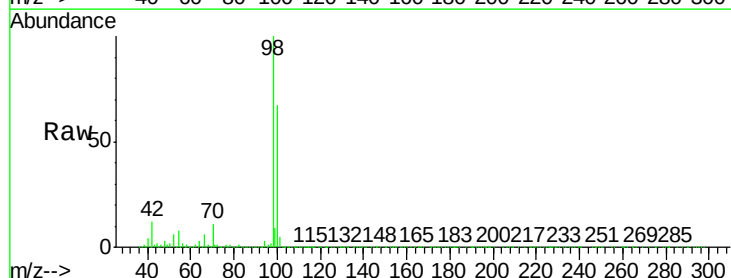
Acq: 31 Dec 2019 16:50

Tgt Ion: 98 Resp: 1000502

Ion Ratio Lower Upper

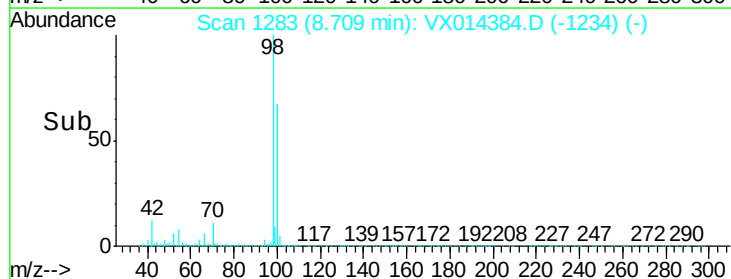
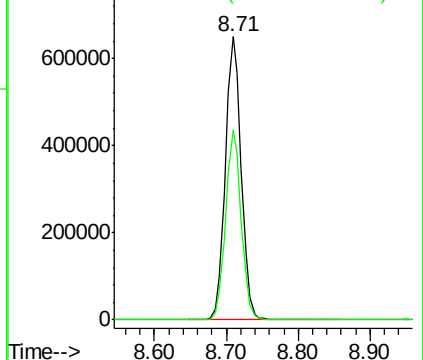
98 100

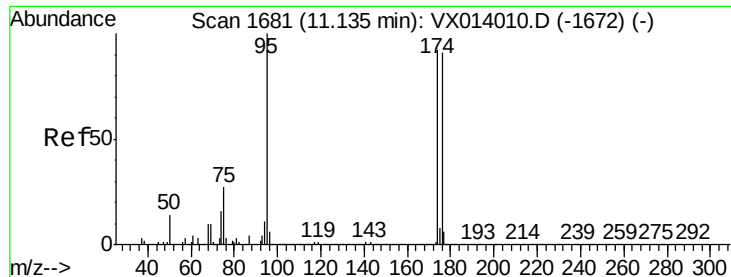
100 65.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 47.377 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014384.D

Acq: 31 Dec 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

K309-WC-01

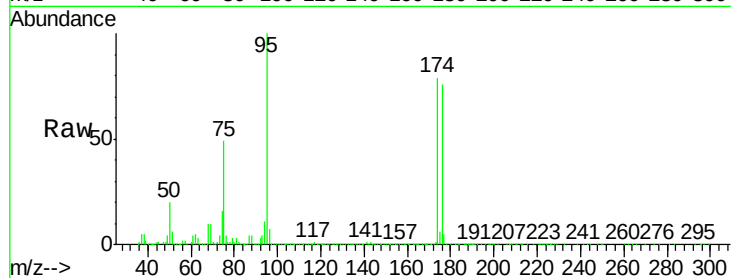
Tot Ion: 95 Resp: 342421

Ion Ratio Lower Upper

95 100

174 88.0 0.0 175.8

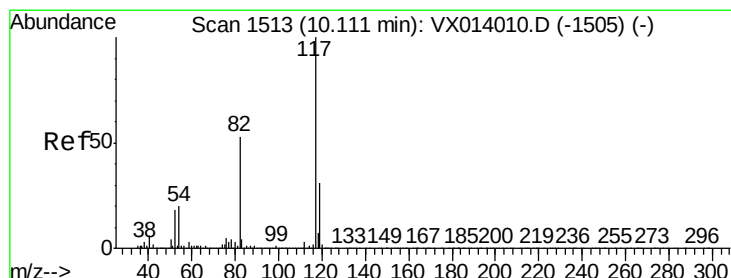
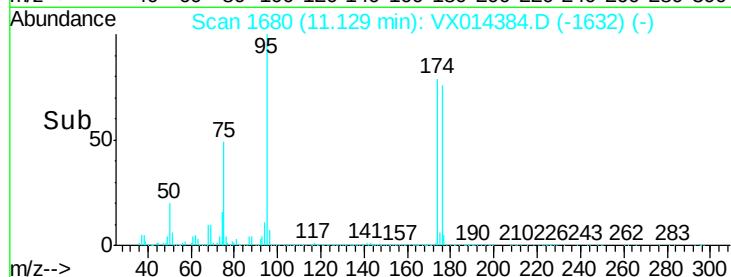
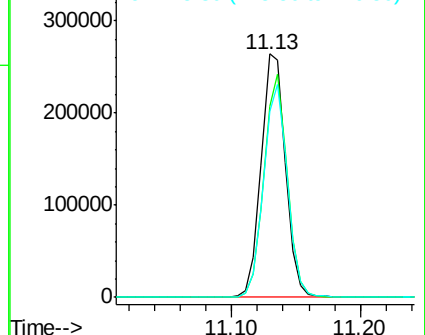
176 85.8 0.0 173.0



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: VX014384.D

Acq: 31 Dec 2019 16:50

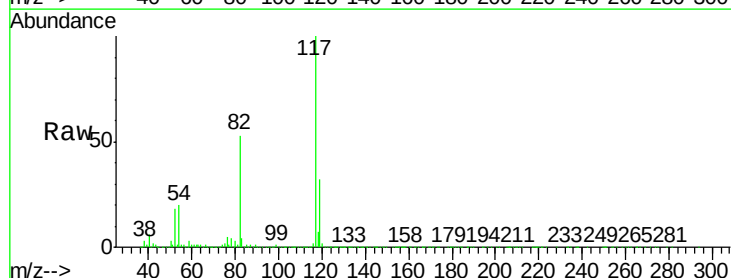
Tgt Ion: 117 Resp: 755267

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.4

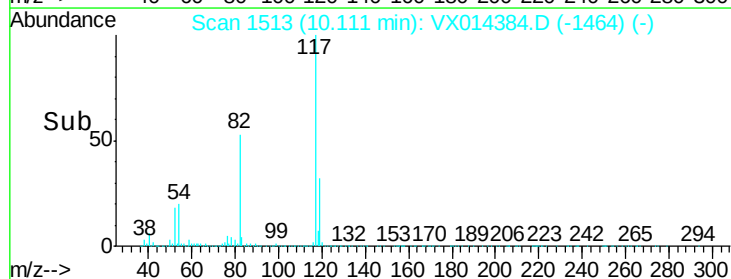
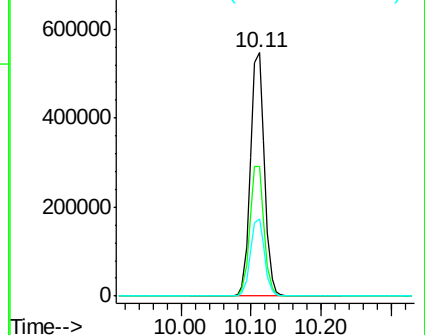
119 31.8 25.1 37.7

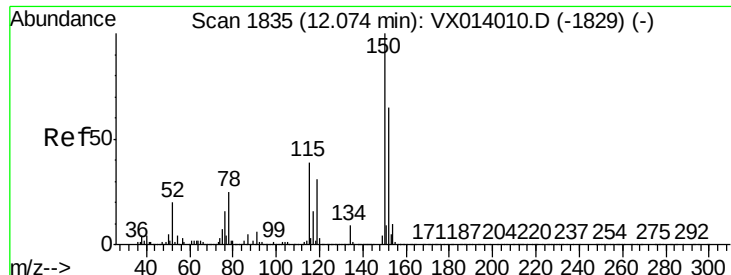


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX014384.D

Acq: 31 Dec 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

K309-WC-01

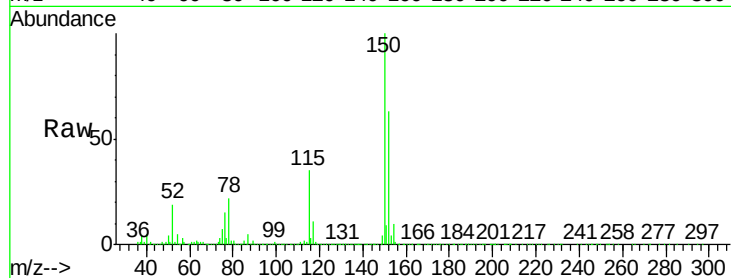
Tot Ion:152 Resp: 340611

Ion Ratio Lower Upper

152 100

115 56.3 38.3 114.9

150 156.5 0.0 345.4



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

