

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014340.D
 Acq On : 28 Dec 2019 04:33
 Operator : JC/SP
 Sample : K6442-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 K615-WC-1

Quant Time: Dec 30 07:09:07 2019
 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

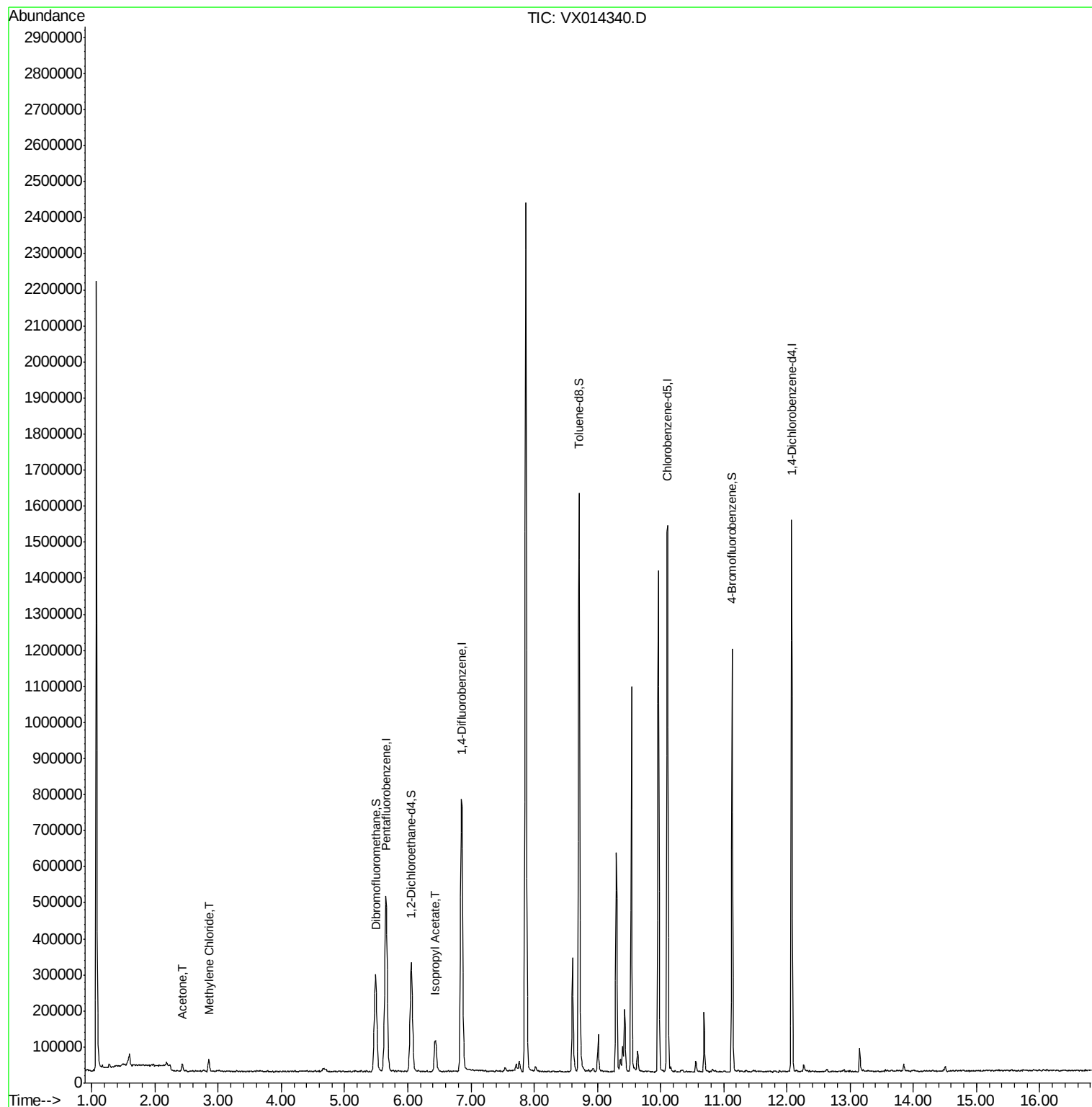
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	506081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	782182	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	710983	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	313314	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	280851	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
35) Dibromofluoromethane	5.49	113	231442	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	8.71	98	936357	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	316618	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
16) Acetone	2.44	43	21845	5.866	ug/l	99
20) Methylene Chloride	2.85	84	17286	2.948	ug/l	97
43) Isopropyl Acetate	6.43	43	123858	9.443	ug/l	99

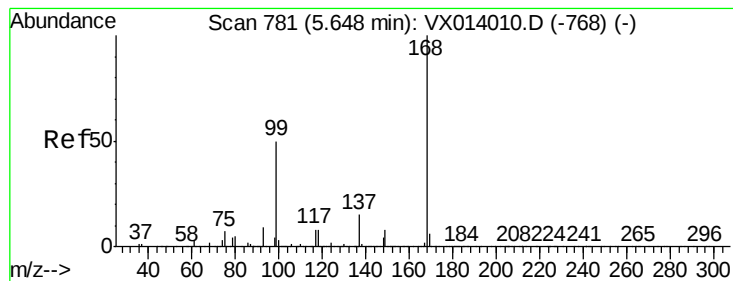
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX014340.D

Acq: 28 Dec 2019 04:33

Instrument :

MSVOA_X

ClientSampleId :

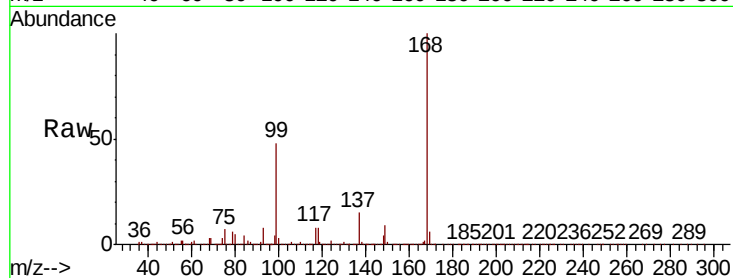
K615-WC-1

Tot Ion:168 Resp: 506081

Ion Ratio Lower Upper

168 100

99 47.9 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

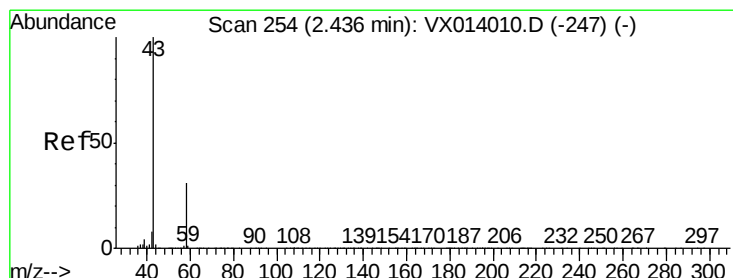
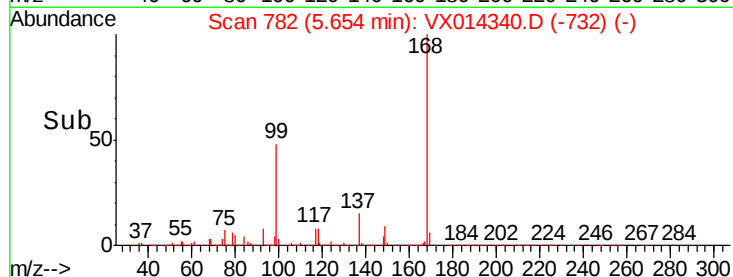
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.866 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX014340.D

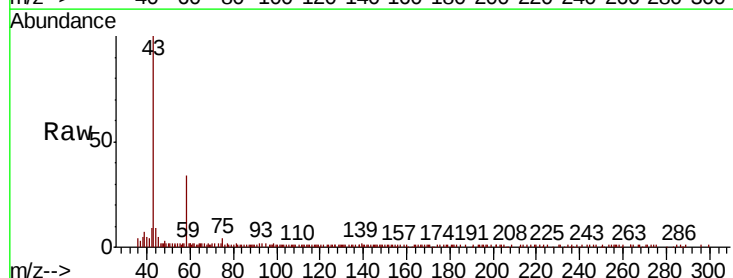
Acq: 28 Dec 2019 04:33

Tgt Ion: 43 Resp: 21845

Ion Ratio Lower Upper

43 100

58 31.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

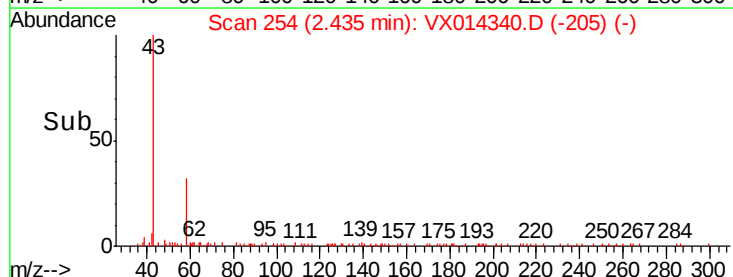
2.44

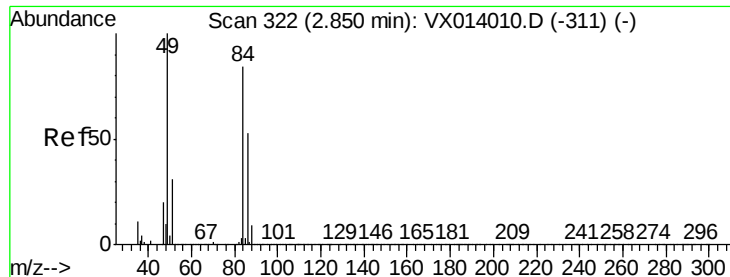
10000

5000

0

Time-->

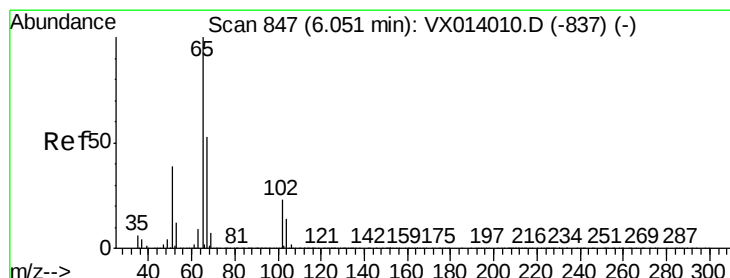
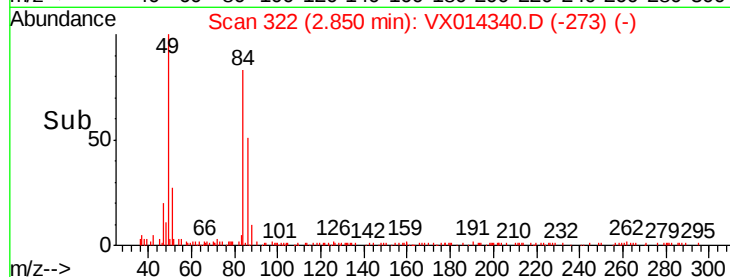
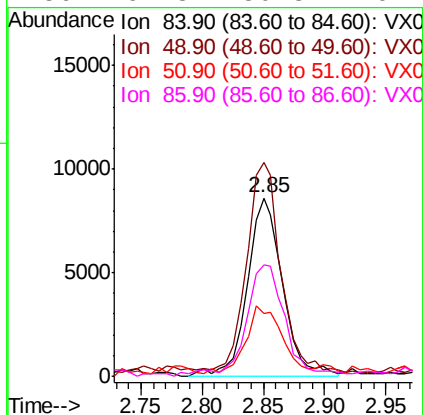
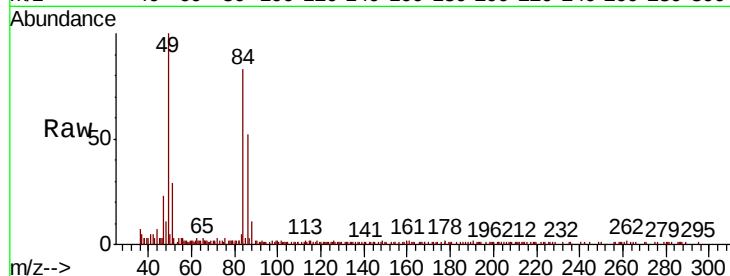




#20
Methvlene Chloride
Concen: 2.948 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

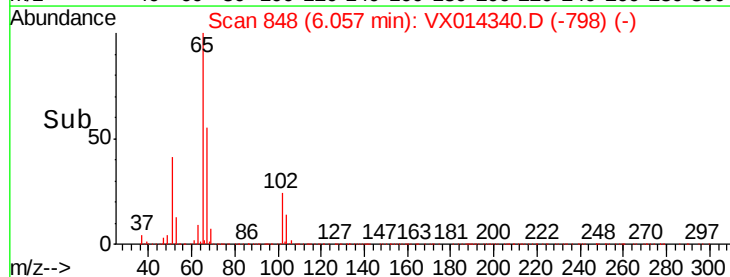
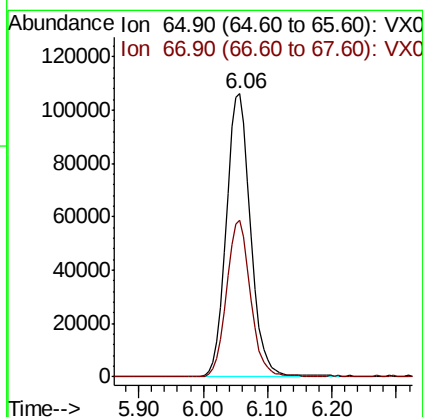
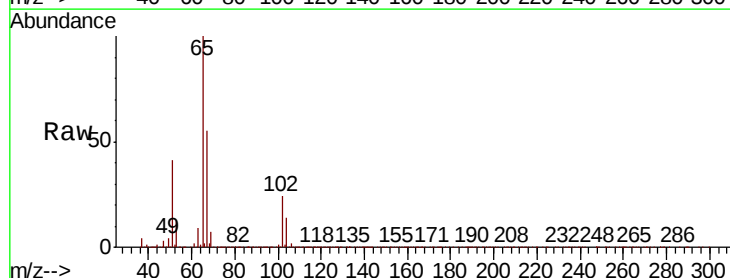
Instrument :
MSVOA_X
ClientSampleId :
K615-WC-1

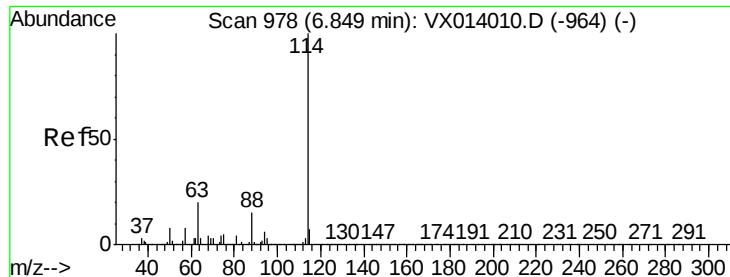
Tot Ion:	84	Resp:	17286
Ion	Ratio	Lower	Upper
84	100		
49	118.2	95.8	143.6
51	32.5	29.8	44.8
86	62.3	50.8	76.2



#33
1,2-Dichloroethane-d4
Concen: 48.965 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX014340.D
Acq: 28 Dec 2019 04:33

Tgt Ion:	65	Resp:	280851
Ion	Ratio	Lower	Upper
65	100		
67	54.2	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: VX014340.D

Acq: 28 Dec 2019 04:33

Instrument :

MSVOA_X

ClientSampleId :

K615-WC-1

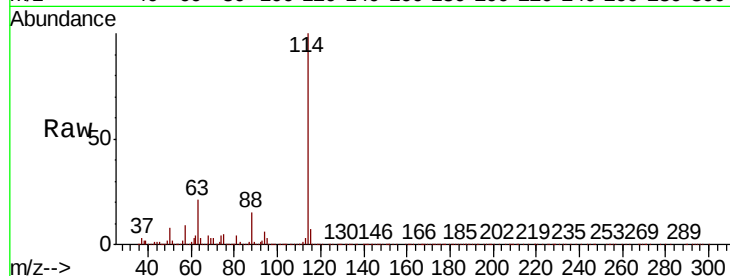
Tot Ion:114 Resp: 782182

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

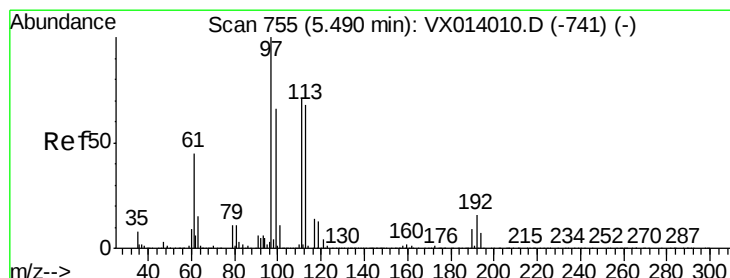
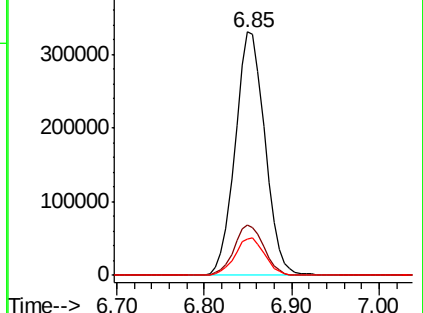
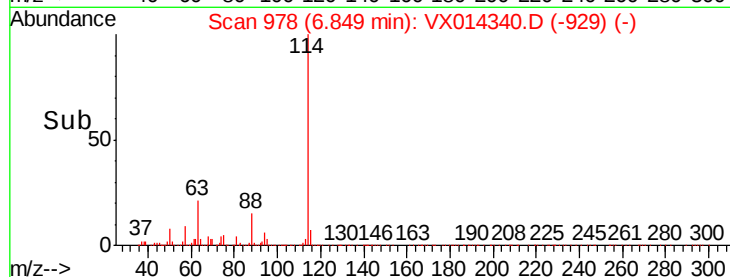
88 14.7 0.0 30.4



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: 48.675 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014340.D

Acq: 28 Dec 2019 04:33

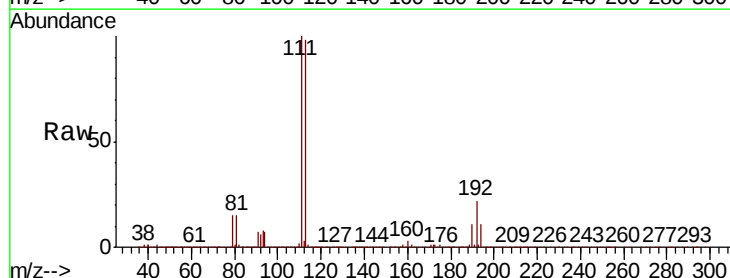
Tgt Ion:113 Resp: 231442

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

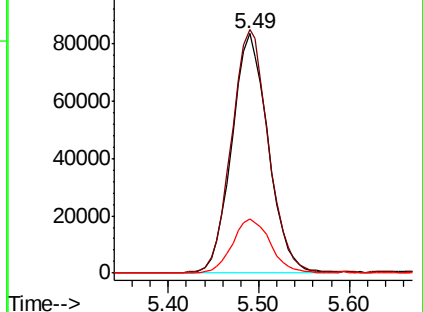
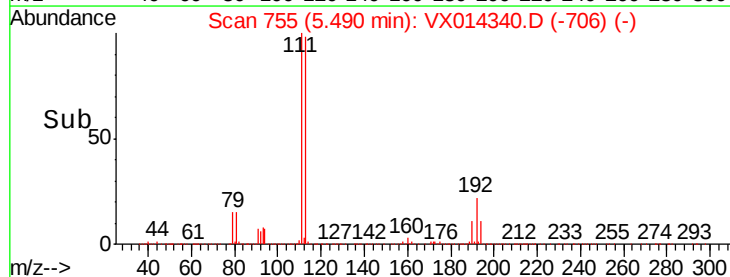
192 23.8 19.3 28.9

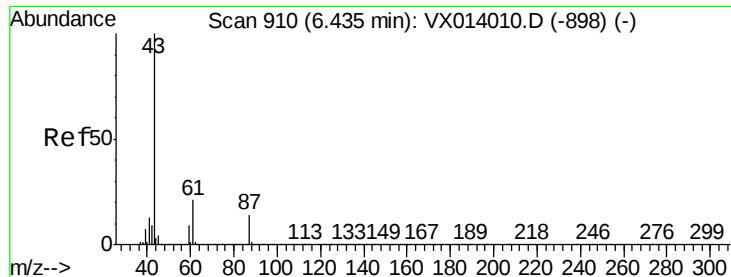


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.443 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX014340.D

Acq: 28 Dec 2019 04:33

Instrument :

MSVOA_X

ClientSampleId :

K615-WC-1

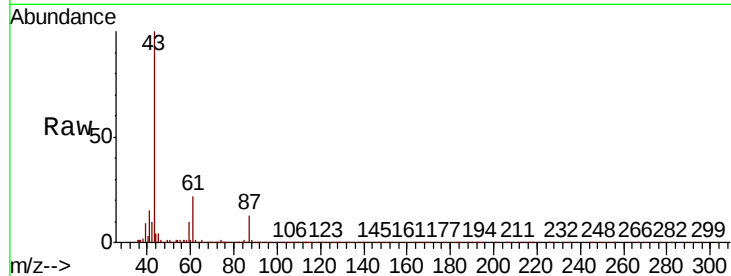
Tot Ion: 43 Resp: 123858

Ion Ratio Lower Upper

43 100

61 20.4 16.4 24.6

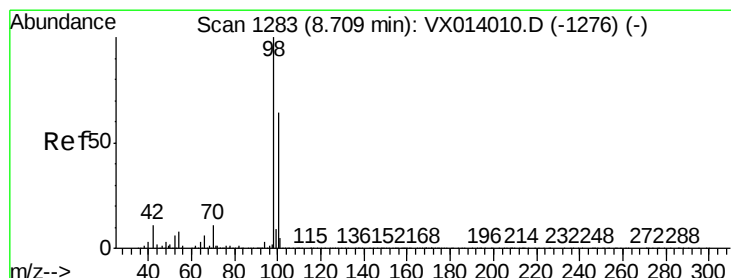
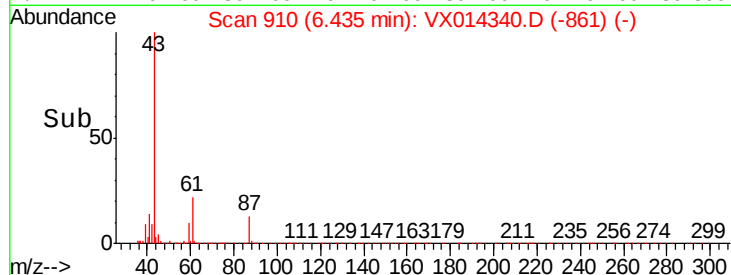
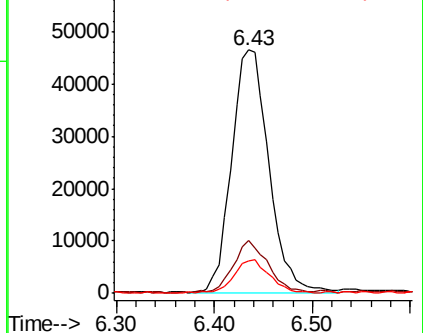
87 12.7 10.7 16.1



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: 50.582 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014340.D

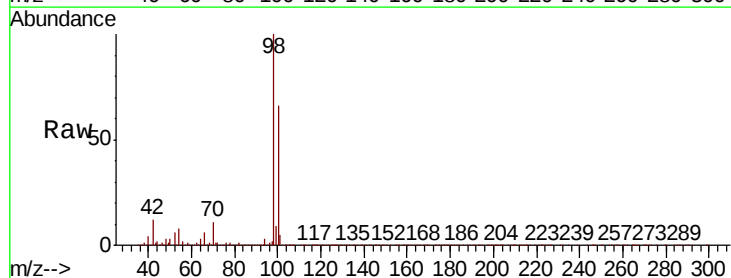
Acq: 28 Dec 2019 04:33

Tgt Ion: 98 Resp: 936357

Ion Ratio Lower Upper

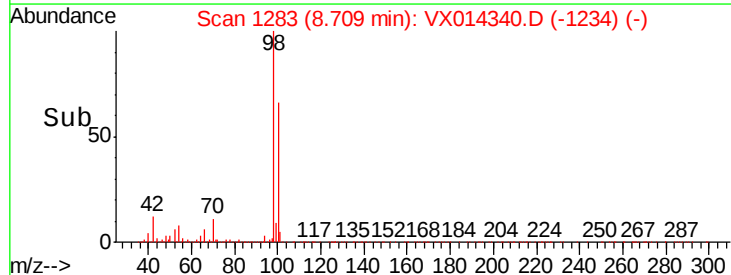
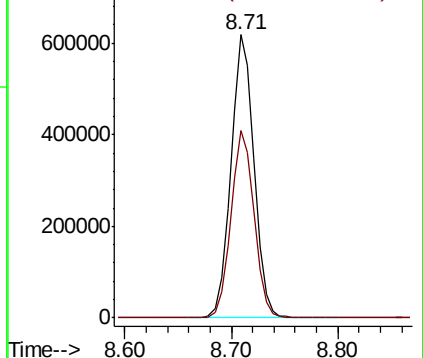
98 100

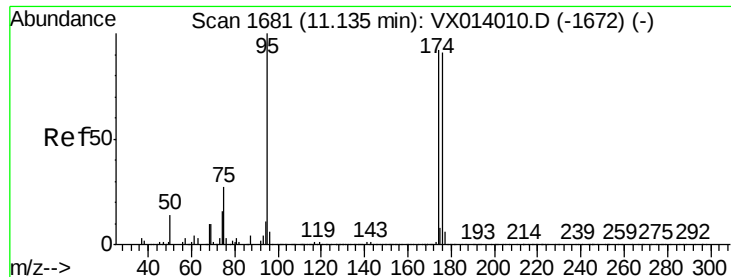
100 66.4 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.790 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014340.D

Acq: 28 Dec 2019 04:33

Instrument :

MSVOA_X

ClientSampleId :

K615-WC-1

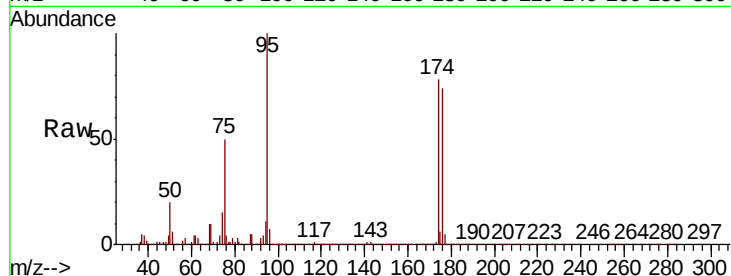
Tot Ion: 95 Resp: 316618

Ion Ratio Lower Upper

95 100

174 88.6 0.0 175.8

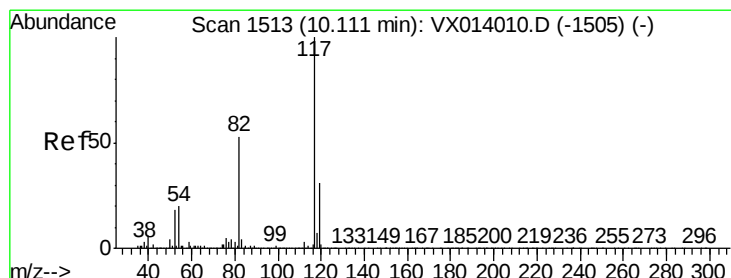
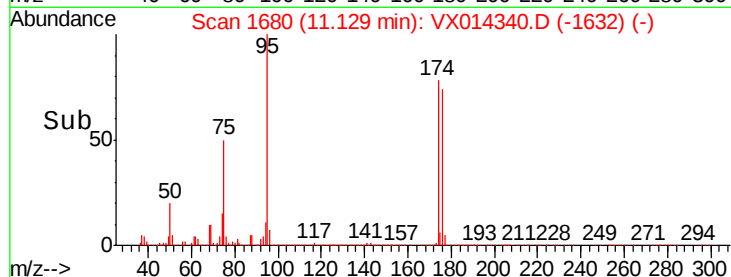
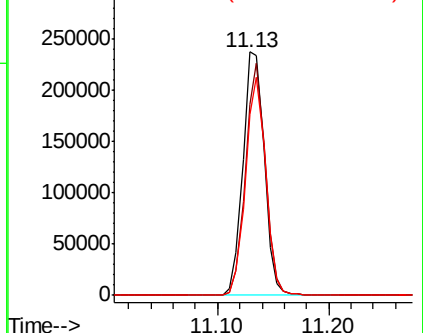
176 84.8 0.0 173.0



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: VX014340.D

Acq: 28 Dec 2019 04:33

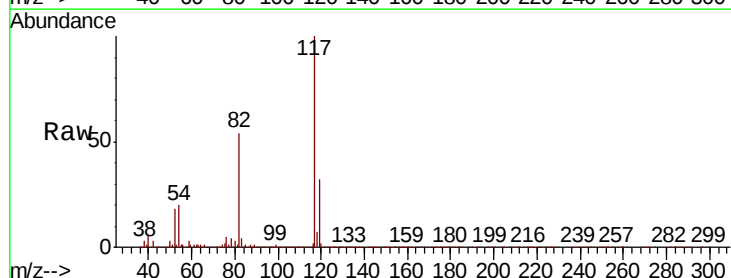
Tgt Ion: 117 Resp: 710983

Ion Ratio Lower Upper

117 100

82 54.4 42.2 63.4

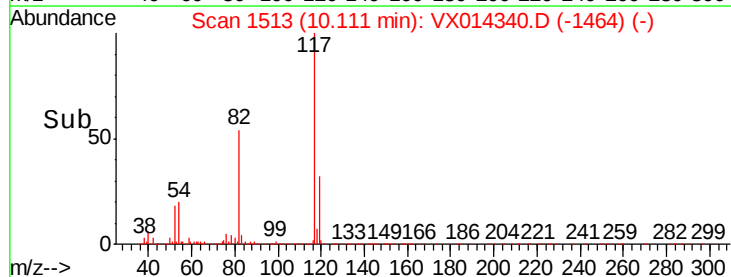
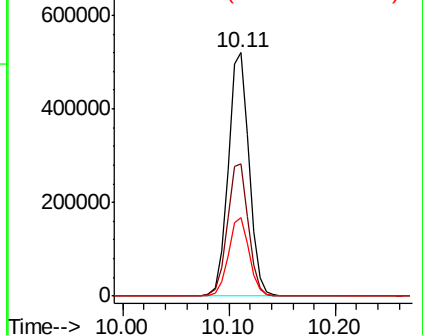
119 32.4 25.1 37.7

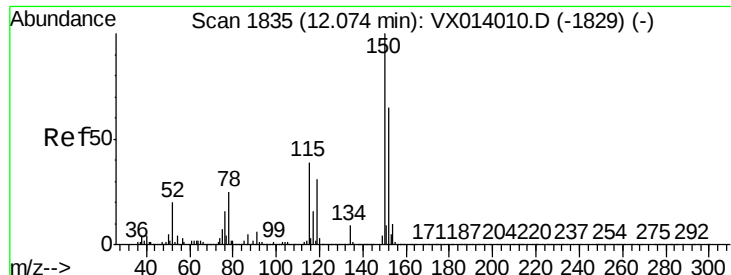


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX014340.D

Acq: 28 Dec 2019 04:33

Instrument :

MSVOA_X

ClientSampleId :

K615-WC-1

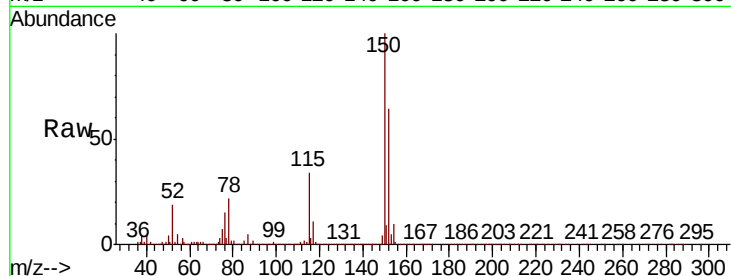
Tot Ion:152 Resp: 313314

Ion Ratio Lower Upper

152 100

115 55.4 38.3 114.9

150 156.0 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

