

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012919\
 Data File : VX007281.D
 Acq On : 29 Jan 2019 12:09
 Operator : JC/SP
 Sample : K1251-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 01:21:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X012519W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 28 10:35:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	78389	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	417766	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	361209	30.00	ug/l	0.00

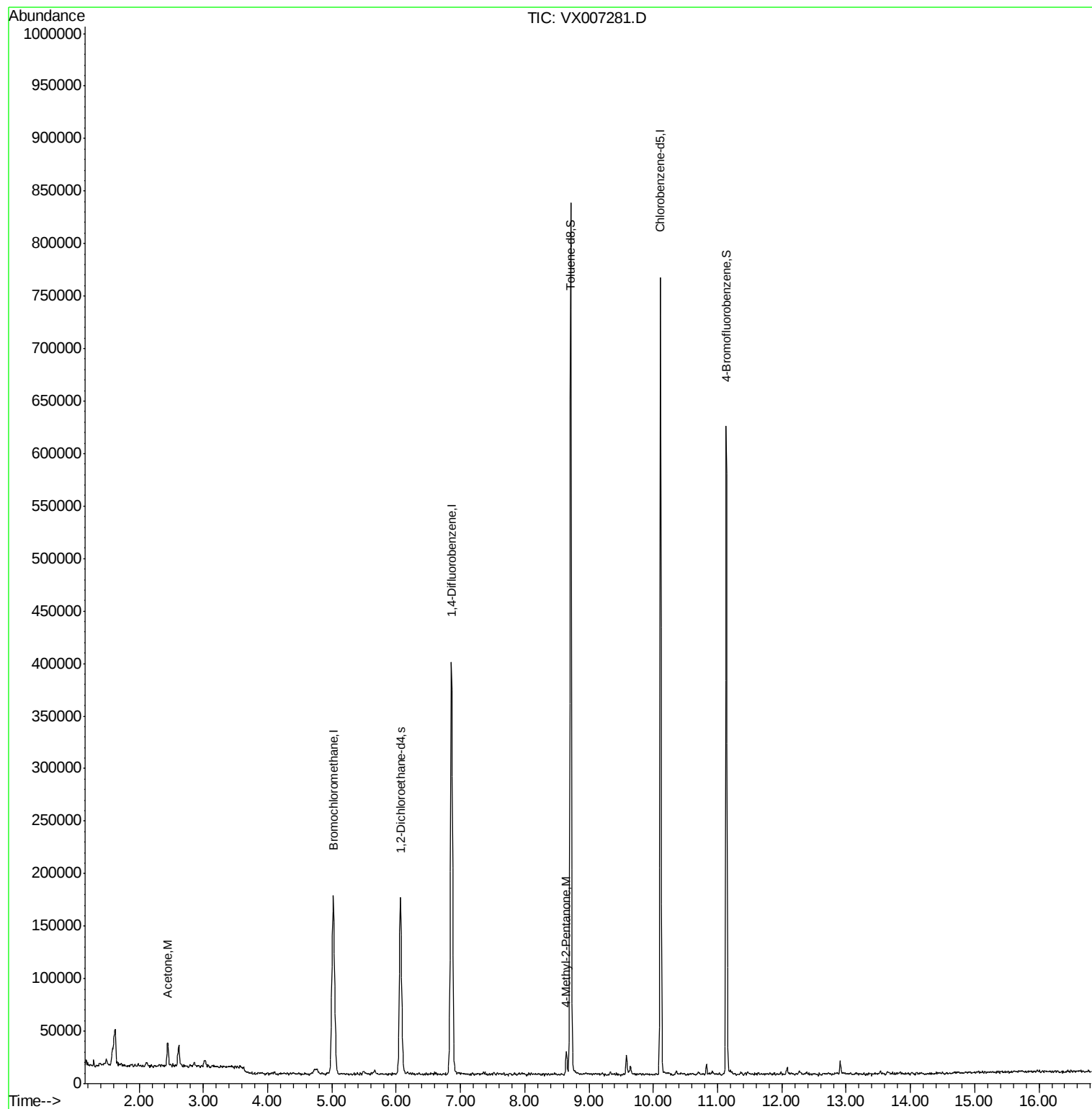
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.07	65	158951	30.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.97%
60) 4-Bromofluorobenzene	11.13	95	156891	28.14	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.80%
63) Toluene-d8	8.71	98	491181	30.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.57%

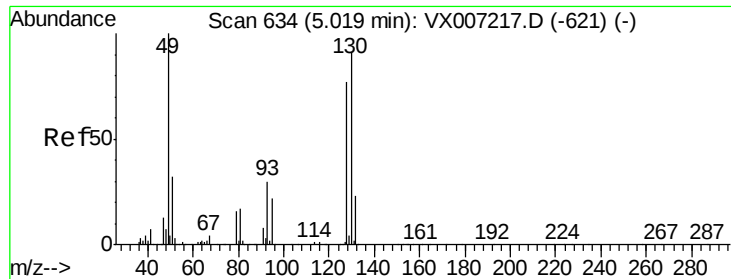
Target Compounds					Ovalue
15) Acetone	2.45	58	7770	10.597 ug/l	93
58) 4-Methyl-2-Pentanone	8.64	43	13853	2.294 ug/l	95

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

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX007281.D

Acq: 29 Jan 2019 12:09

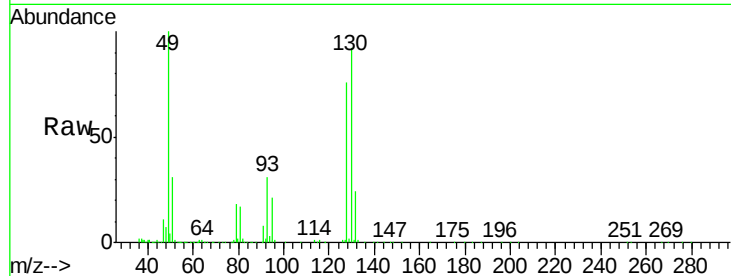
Tot Ion:128 Resp: 78389

Ion Ratio Lower Upper

128 100

49 138.1 0.0 345.5

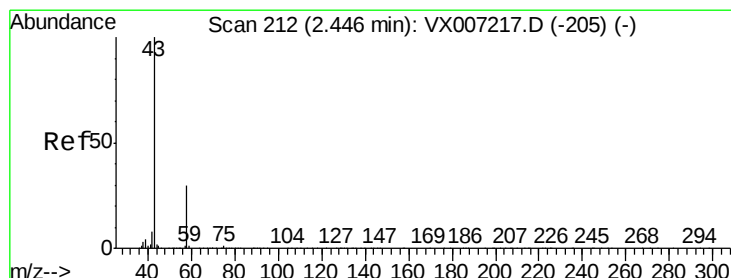
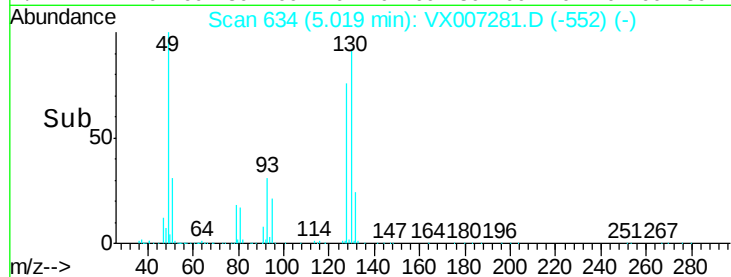
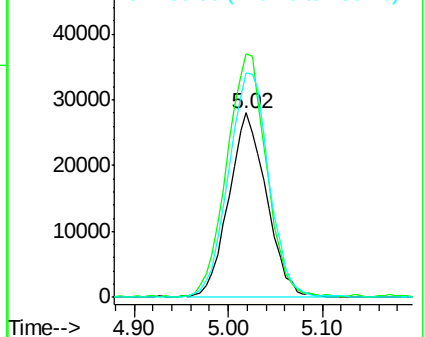
130 130.4 0.0 320.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#15

Acetone

Concen: 10.597 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007281.D

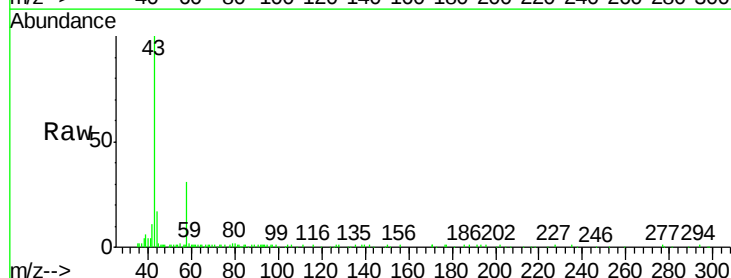
Acq: 29 Jan 2019 12:09

Tgt Ion: 58 Resp: 7770

Ion Ratio Lower Upper

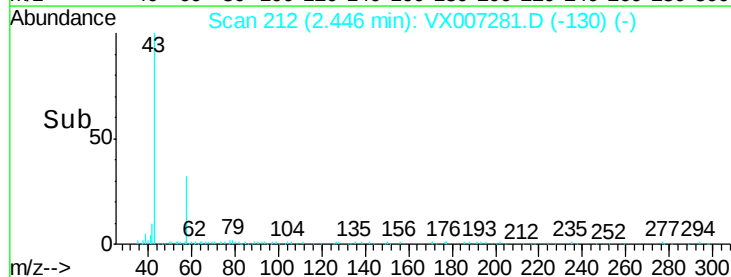
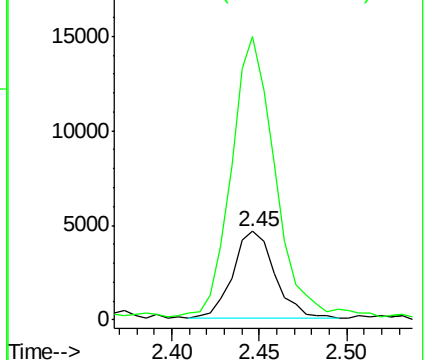
58 100

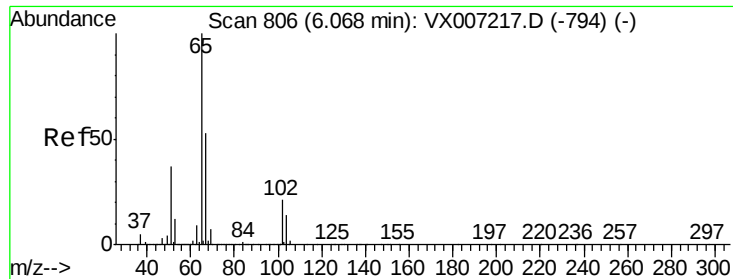
43 317.2 265.9 398.9



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.890 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007281.D

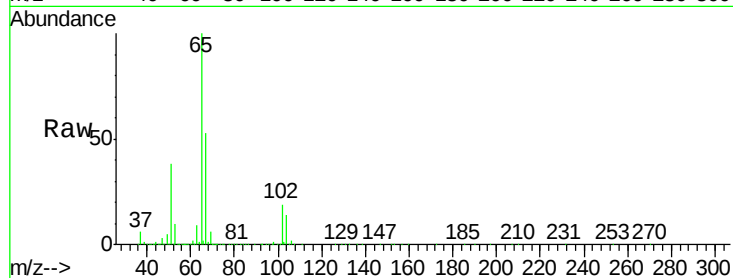
Acq: 29 Jan 2019 12:09

Tot Ion: 65 Resp: 158951

Ion Ratio Lower Upper

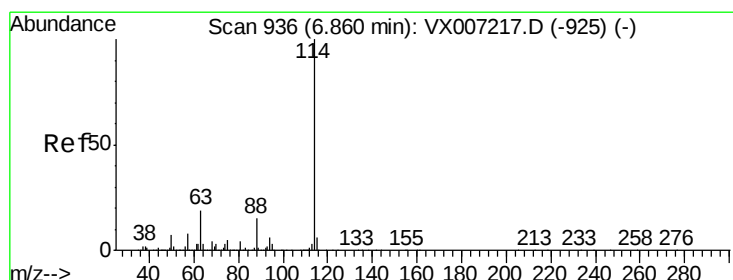
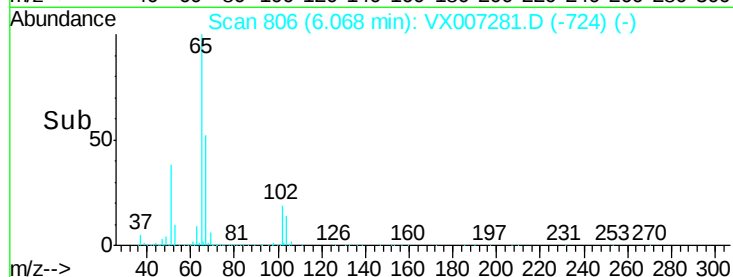
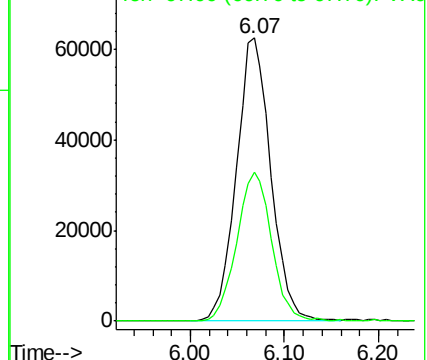
65 100

67 53.0 42.0 63.0



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007281.D

Acq: 29 Jan 2019 12:09

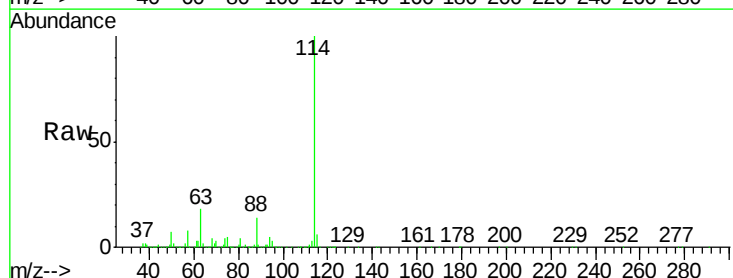
Tgt Ion: 114 Resp: 417766

Ion Ratio Lower Upper

114 100

63 18.3 14.6 21.8

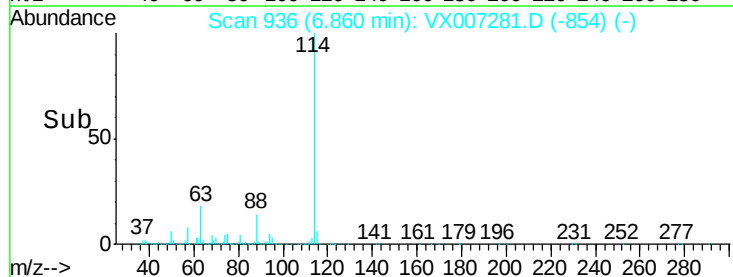
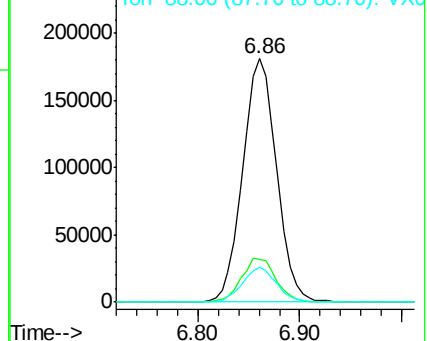
88 14.3 11.8 17.6

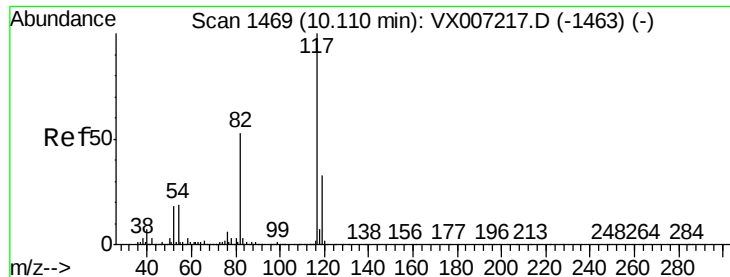


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007281.D

Acq: 29 Jan 2019 12:09

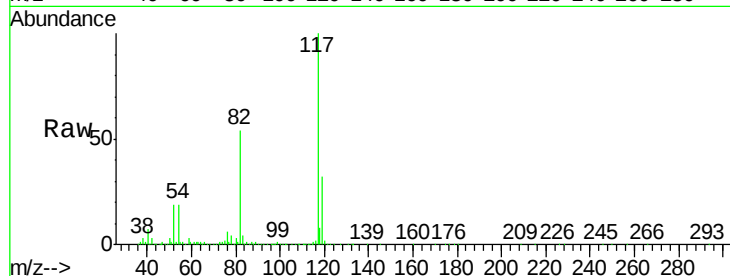
Tot Ion:117 Resp: 361209

Ion Ratio Lower Upper

117 100

82 52.9 41.4 62.0

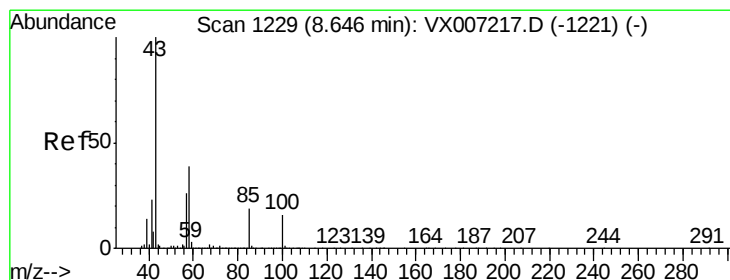
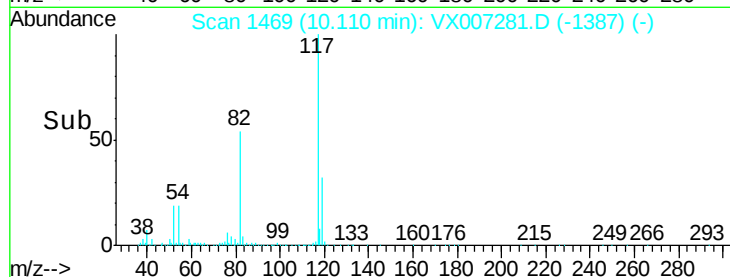
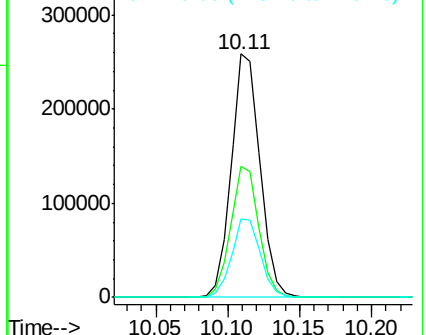
119 32.4 25.7 38.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V



#58

4-Methyl-2-Pentanone

Concen: 2.294 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.01 min

Lab File: VX007281.D

Acq: 29 Jan 2019 12:09

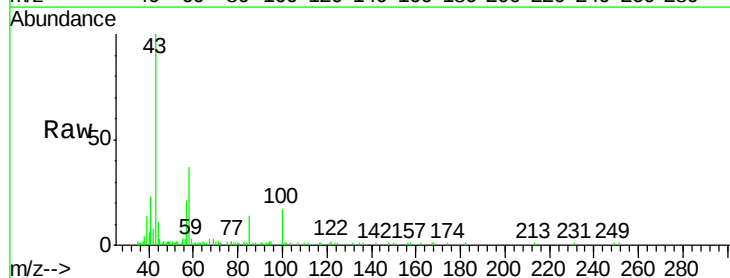
Tgt Ion: 43 Resp: 13853

Ion Ratio Lower Upper

43 100

58 42.8 31.6 47.4

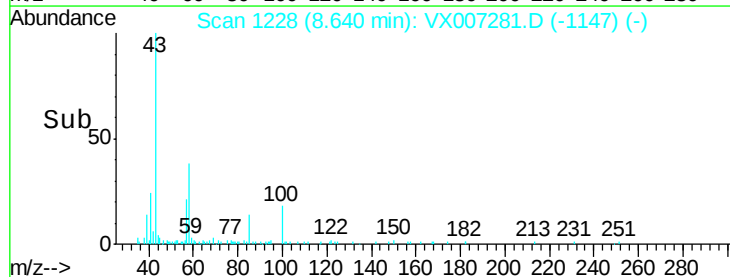
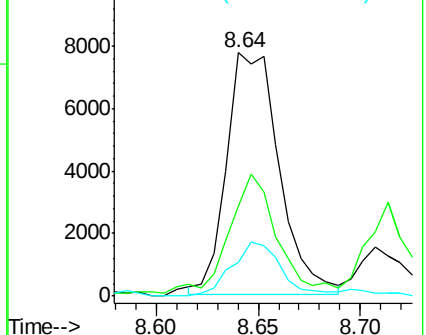
85 20.8 14.9 22.3

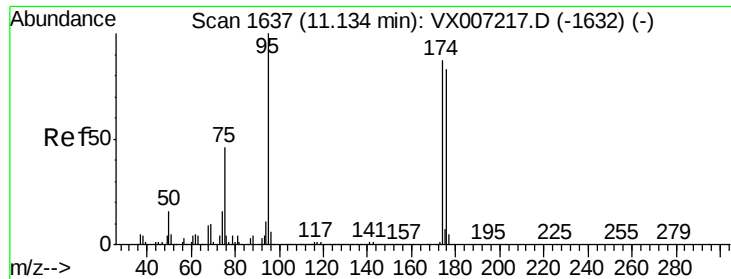


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Ion 85.00 (84.70 to 85.70): VX0





#60

4-Bromofluorobenzene

Concen: 28.142 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007281.D

Acq: 29 Jan 2019 12:09

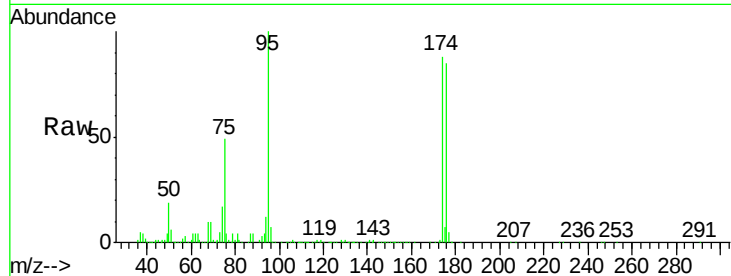
Tot Ion: 95 Resp: 156891

Ion Ratio Lower Upper

95 100

174 93.1 74.8 112.2

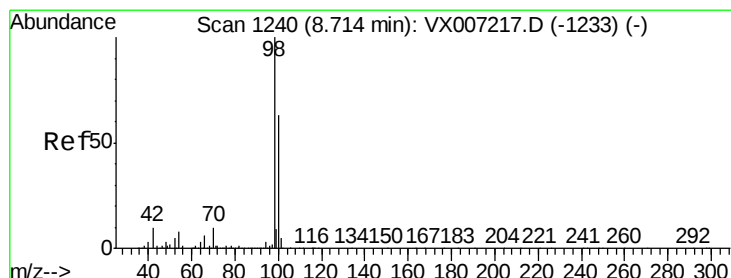
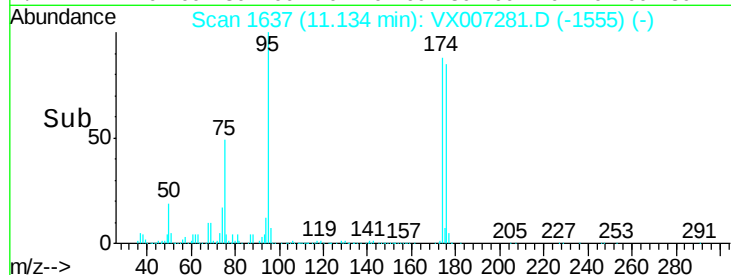
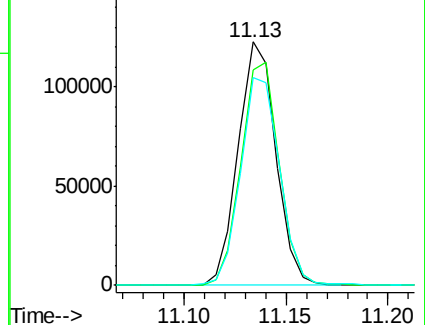
176 88.9 72.5 108.7



Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Toluene-d8

Concen: 30.168 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007281.D

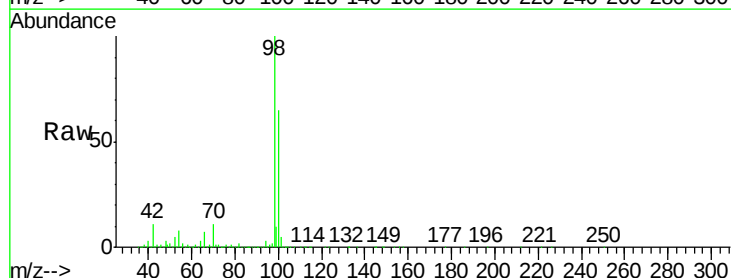
Acq: 29 Jan 2019 12:09

Tgt Ion: 98 Resp: 491181

Ion Ratio Lower Upper

98 100

100 64.5 49.9 74.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

