

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062419\
 Data File : VX010413.D
 Acq On : 24 Jun 2019 15:51
 Operator : JC/SP
 Sample : K3164-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B08

Quant Time: Jun 25 04:18:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

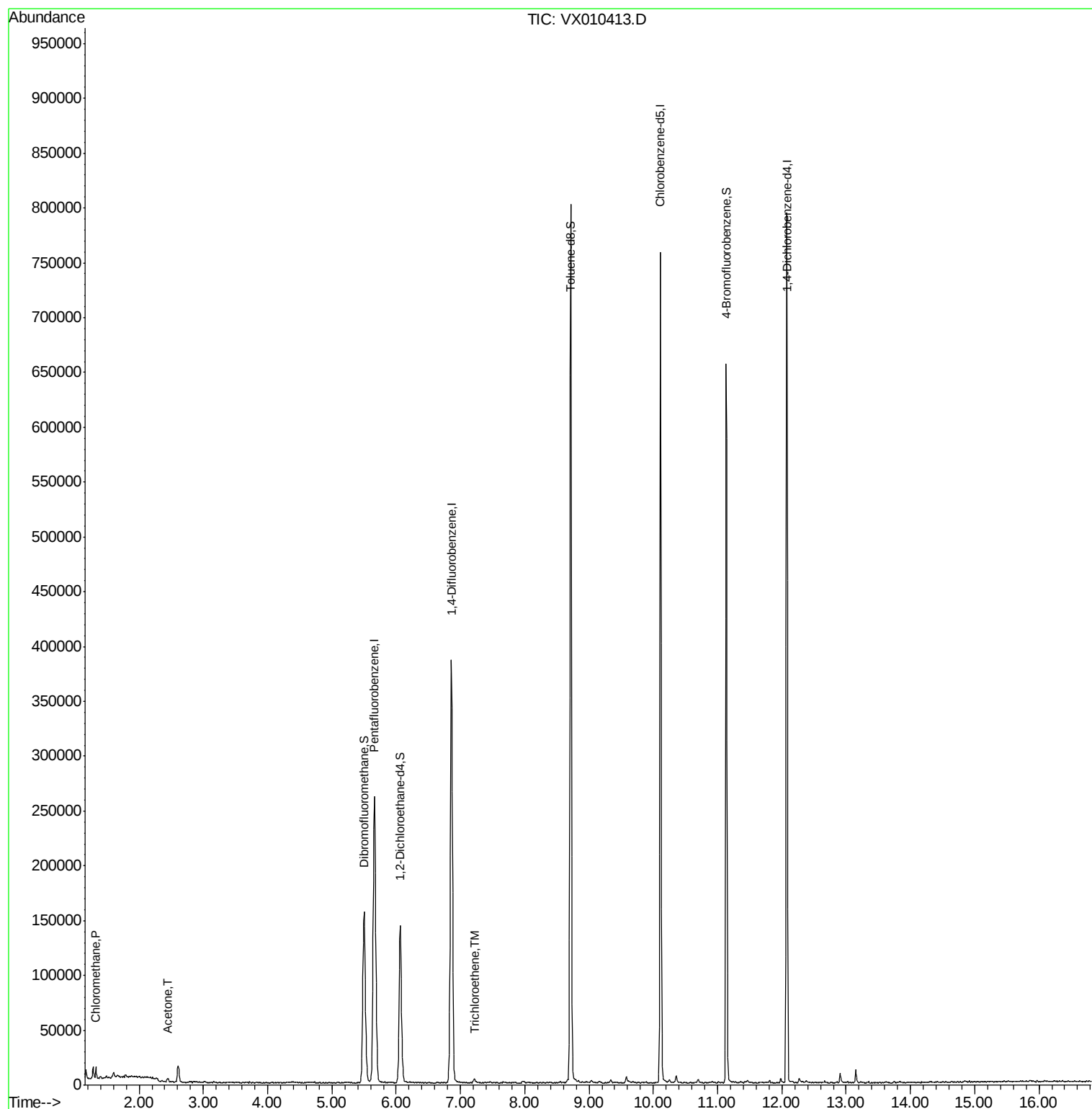
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	274797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	426145	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	375792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175859	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	130837	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
35) Dibromofluoromethane	5.50	113	131719	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	8.71	98	502978	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.13	95	165539	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
Target Compounds						
3) Chloromethane	1.33	50	7373	3.314	ug/l	91
16) Acetone	2.45	43	3892	3.014	ug/l	93
44) Trichloroethene	7.21	130	1485	0.470	ug/l	92

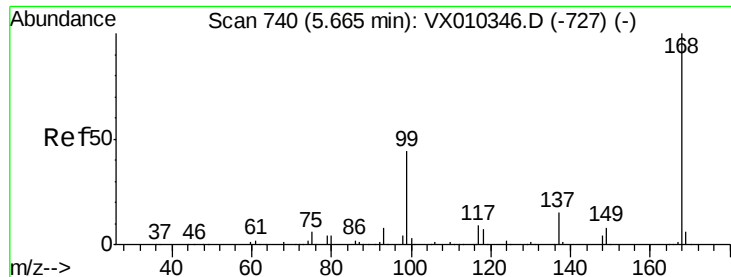
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010413.D

Acq: 24 Jun 2019 15:51

Instrument :

MSVOA_X

ClientSampled :

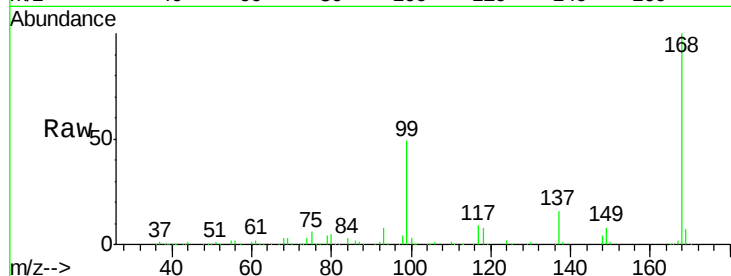
BAT-B08

Tot Ion:168 Resp: 274797

Ion Ratio Lower Upper

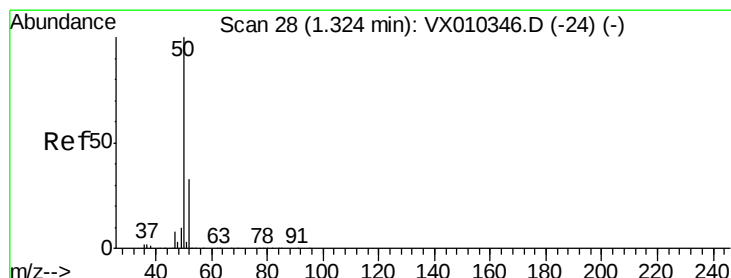
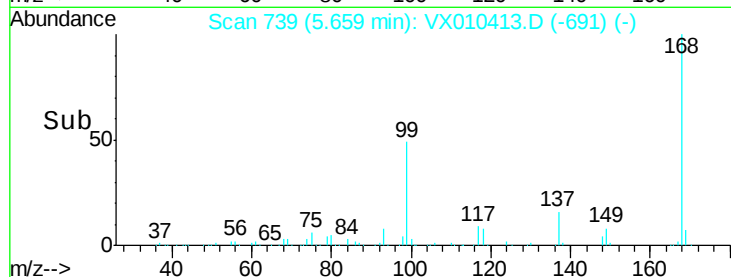
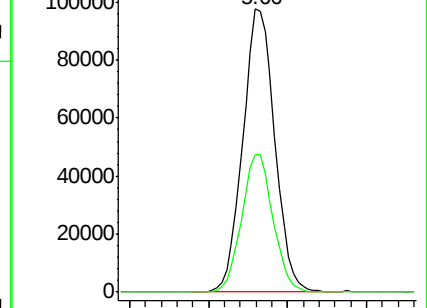
168 100

99 48.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 3.314 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX010413.D

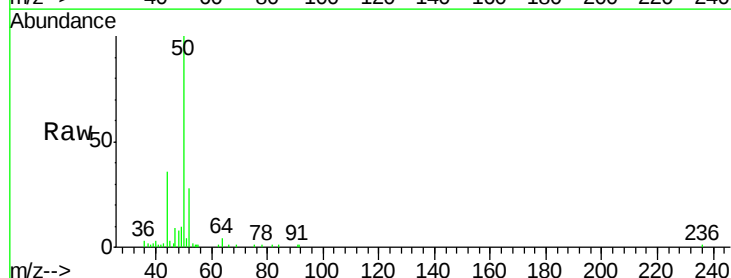
Acq: 24 Jun 2019 15:51

Tgt Ion: 50 Resp: 7373

Ion Ratio Lower Upper

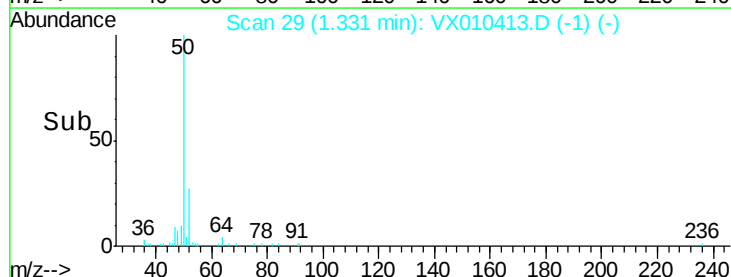
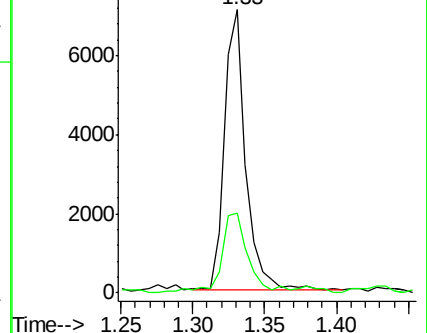
50 100

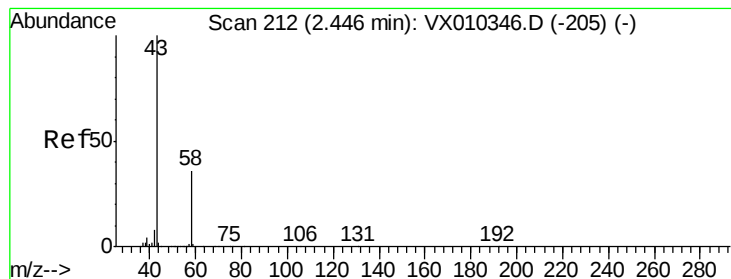
52 28.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 3.014 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010413.D

Acq: 24 Jun 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

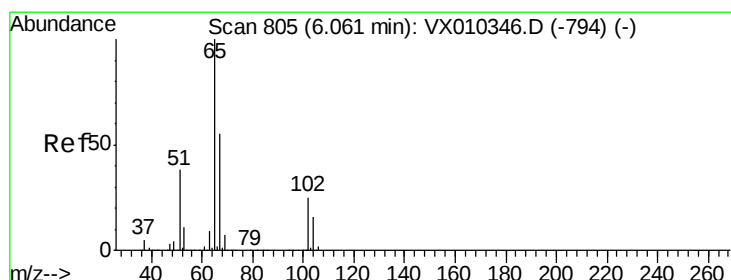
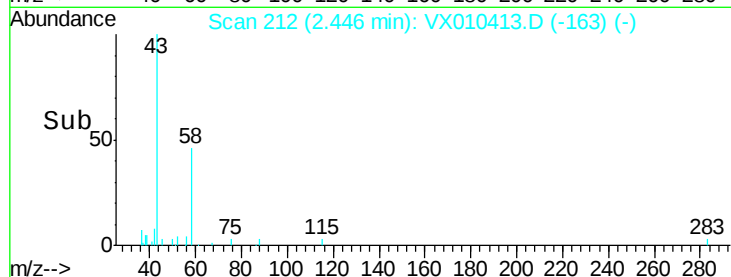
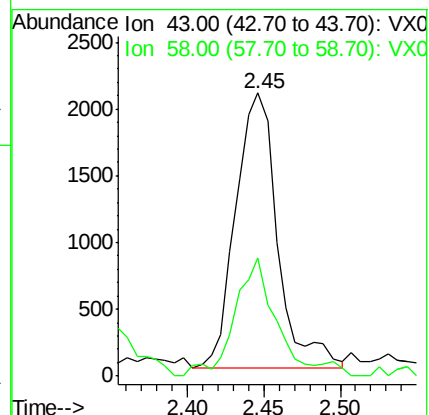
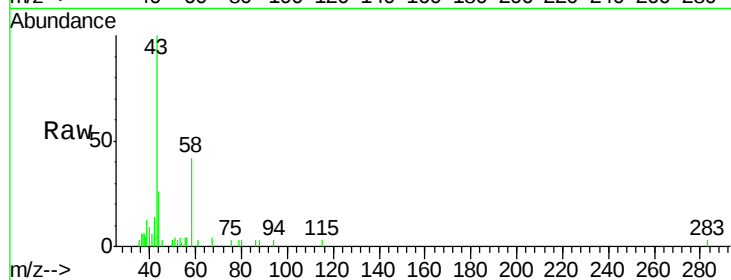
BAT-B08

Tot Ion: 43 Resp: 3892

Ion Ratio Lower Upper

43 100

58 40.4 28.9 43.3



#33

1,2-Dichloroethane-d4

Concen: 50.781 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010413.D

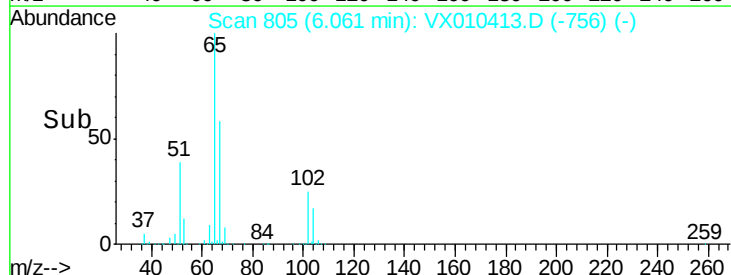
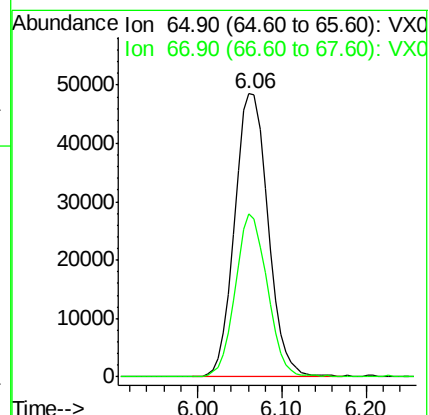
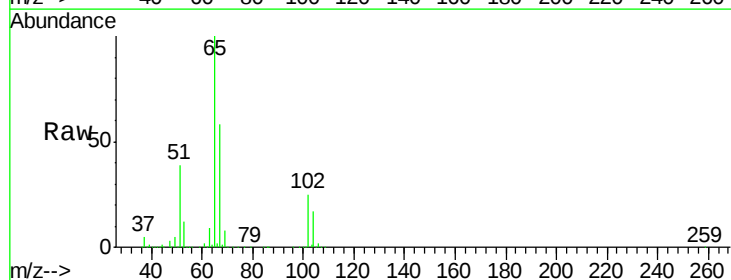
Acq: 24 Jun 2019 15:51

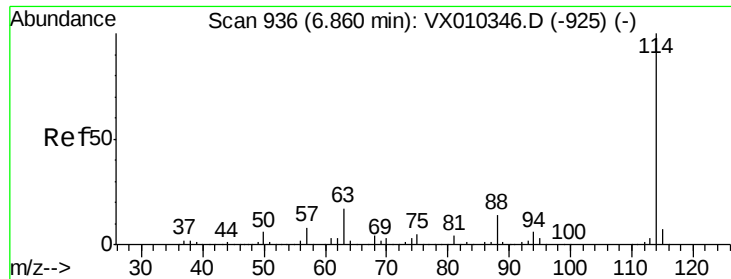
Tgt Ion: 65 Resp: 130837

Ion Ratio Lower Upper

65 100

67 55.1 0.0 110.2

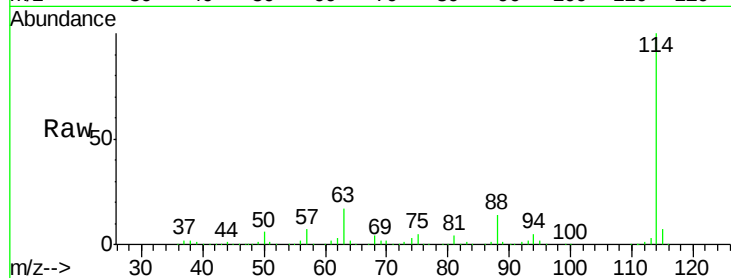




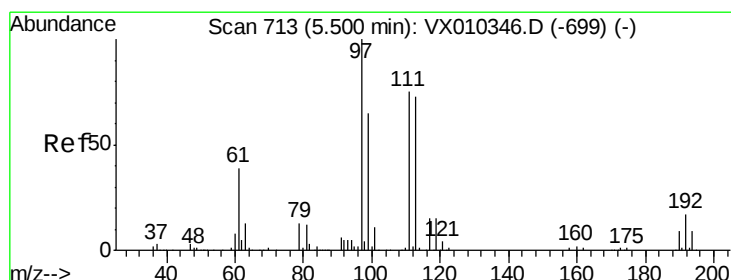
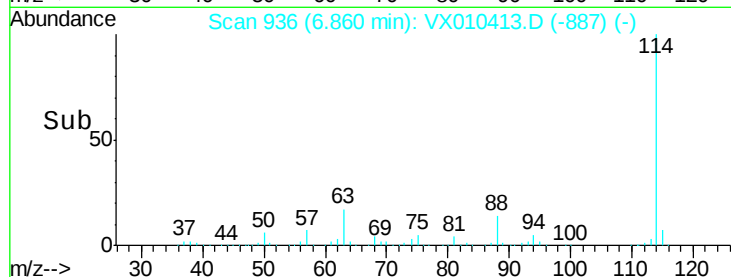
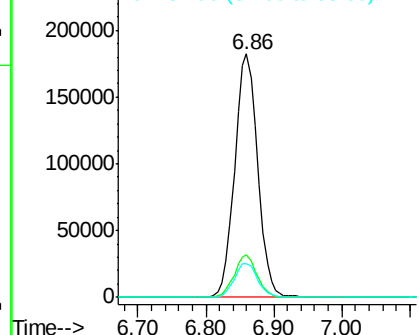
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010413.D
 Acq: 24 Jun 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B08

Tot Ion:114 Resp: 426145
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 33.8
 88 13.9 0.0 27.6

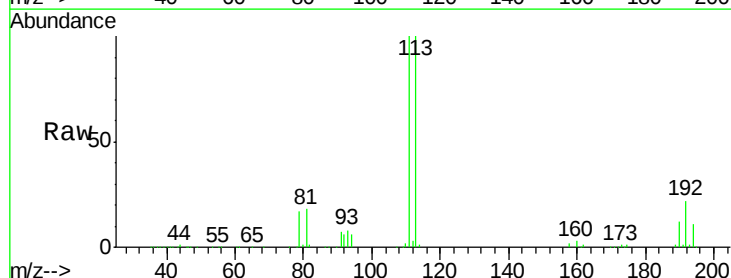


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

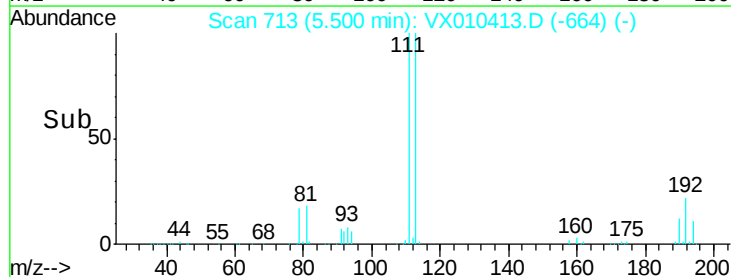
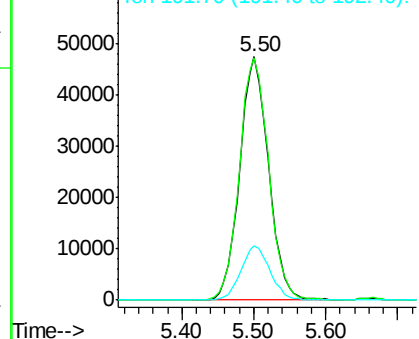


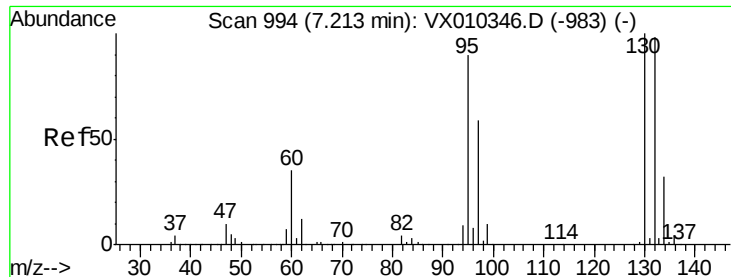
#35
 Dibromofluoromethane
 Concen: 50.519 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX010413.D
 Acq: 24 Jun 2019 15:51

Tgt Ion:113 Resp: 131719
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.2 121.8
 192 22.5 18.6 27.8



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





#44

Trichloroethene

Concen: 0.470 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010413.D

Acq: 24 Jun 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

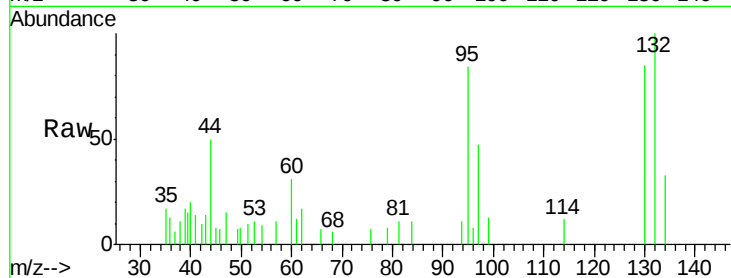
BAT-B08

Tot Ion:130 Resp: 1485

Ion Ratio Lower Upper

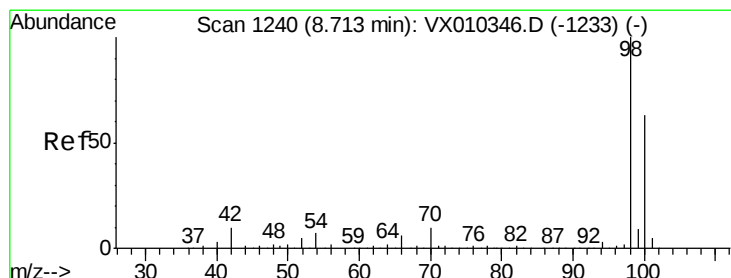
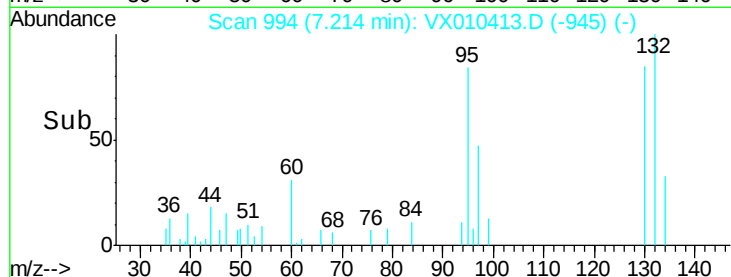
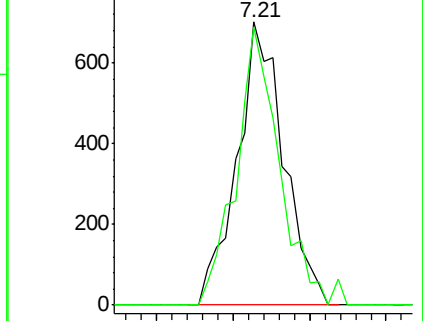
130 100

95 98.3 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.424 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010413.D

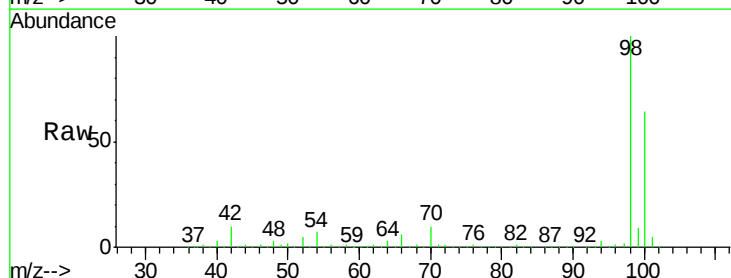
Acq: 24 Jun 2019 15:51

Tgt Ion: 98 Resp: 502978

Ion Ratio Lower Upper

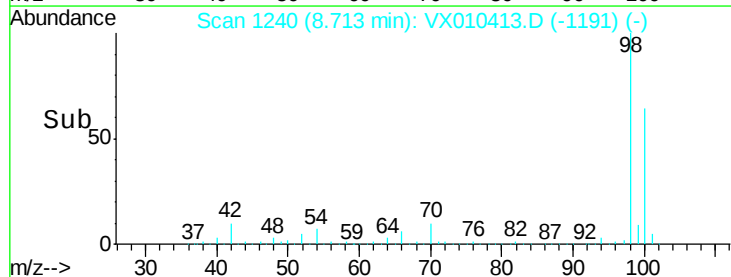
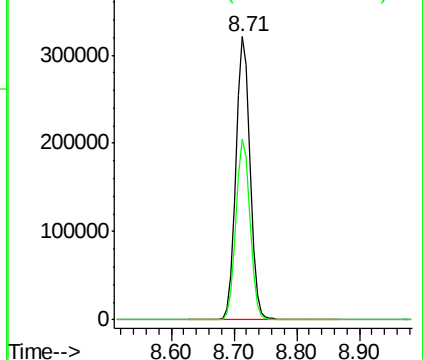
98 100

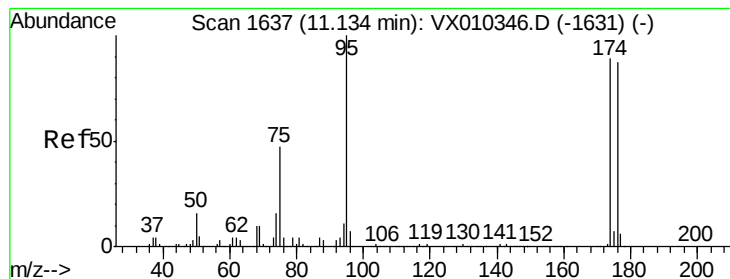
100 63.8 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.967 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010413.D

Acq: 24 Jun 2019 15:51

Instrument :

MSVOA_X

ClientSampleId :

BAT-B08

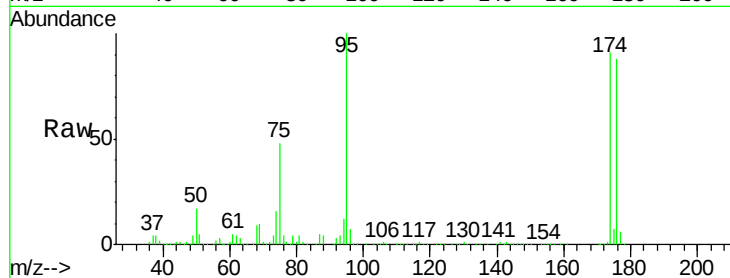
Tot Ion: 95 Resp: 165539

Ion Ratio Lower Upper

95 100

174 95.9 0.0 187.6

176 92.7 0.0 184.0

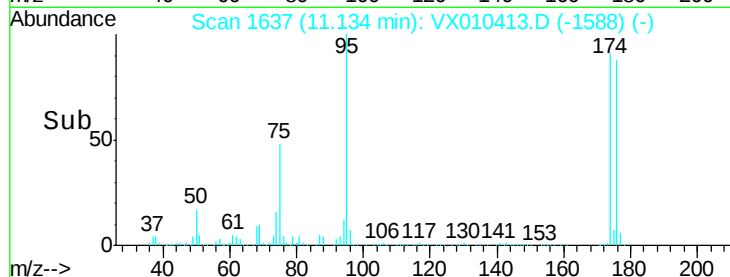


Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

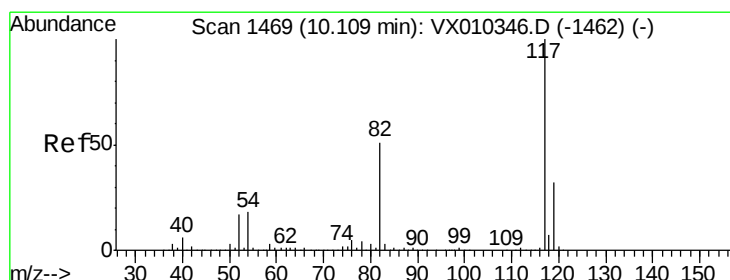
Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010413.D

Acq: 24 Jun 2019 15:51

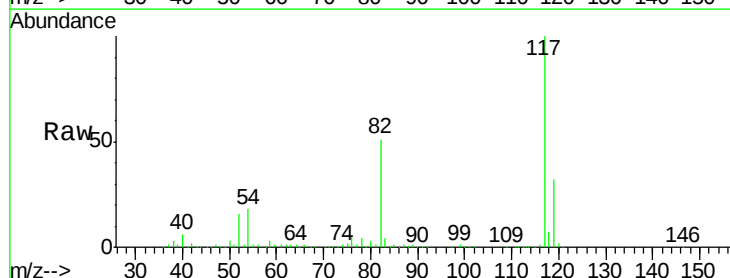
Tgt Ion: 117 Resp: 375792

Ion Ratio Lower Upper

117 100

82 51.0 41.2 61.8

119 32.4 25.5 38.3

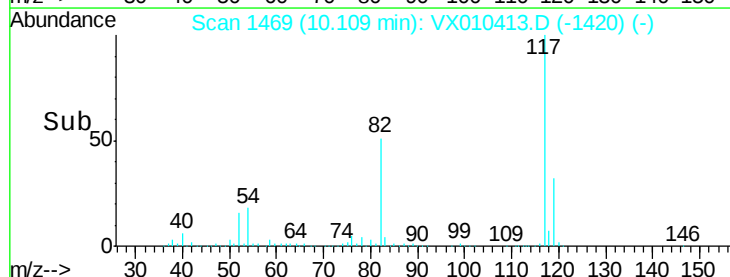


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

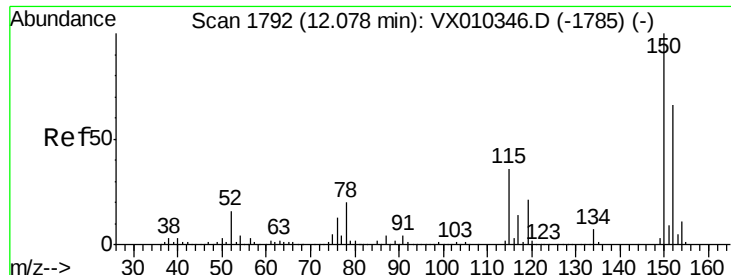
Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

Time-->



Time-->



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX010413.D
 Acq: 24 Jun 2019 15:51

Instrument :
 MSVOA_X
 ClientSampleId :
 BAT-B08

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	38.6	115.7
150	157.7	0.0	347.4

