

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031219\
 Data File : VX008029.D
 Acq On : 12 Mar 2019 21:00
 Operator : JC/SP
 Sample : K1840-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-685-687

Quant Time: Mar 13 06:46:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

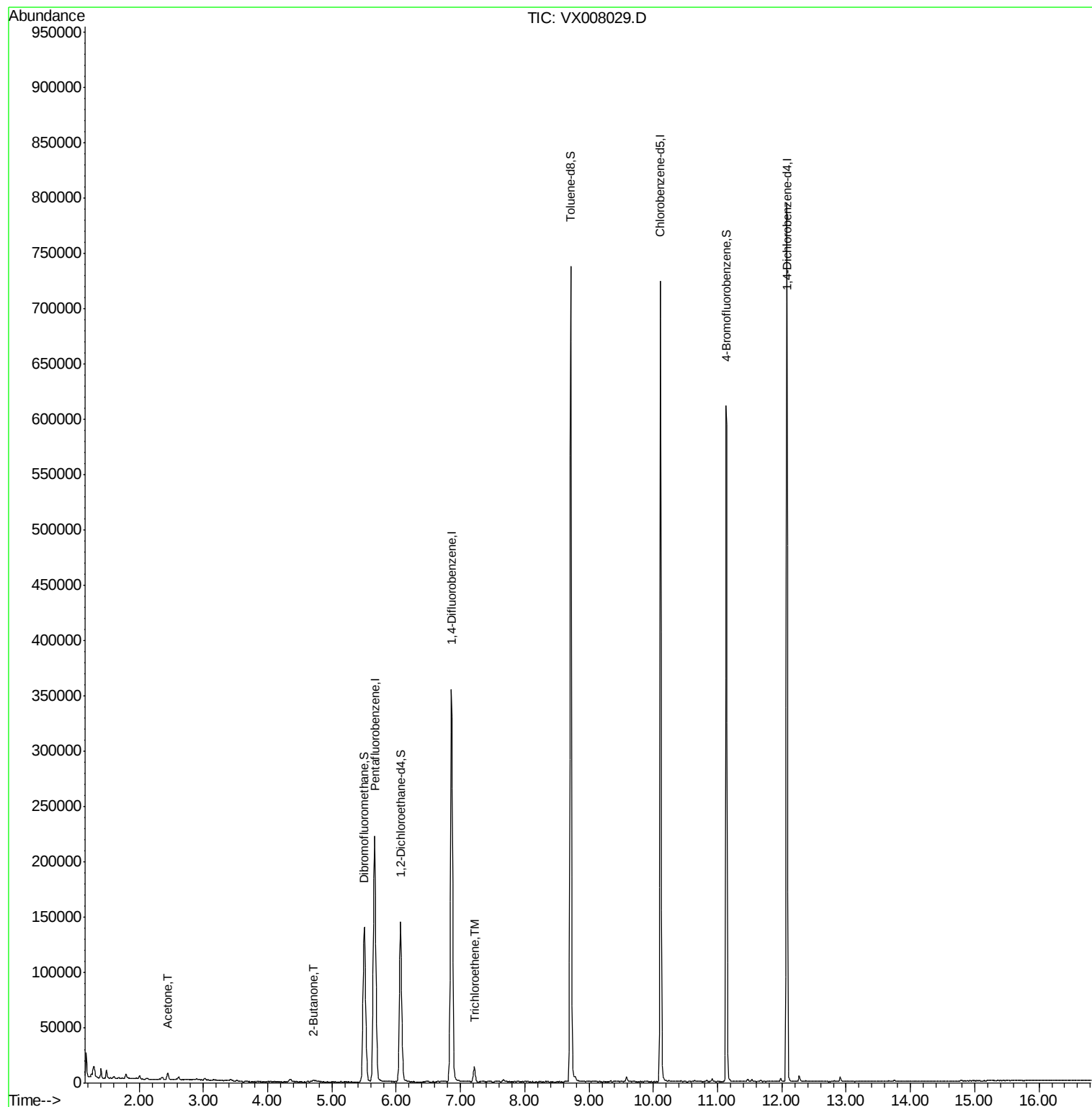
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	232471	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367526	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	353103	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	132586	54.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.12%	
35) Dibromofluoromethane	5.51	113	121846	51.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.66%	
50) Toluene-d8	8.71	98	450246	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	11.13	95	166289	54.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.86%	
Target Compounds						
16) Acetone	2.45	43	6871	4.841	ug/l	94
25) 2-Butanone	4.71	43	2072	1.031	ug/l	100
44) Trichloroethene	7.21	130	5692	2.085	ug/l	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008029.D

Acq: 12 Mar 2019 21:00

Instrument :

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ClientSampleId :

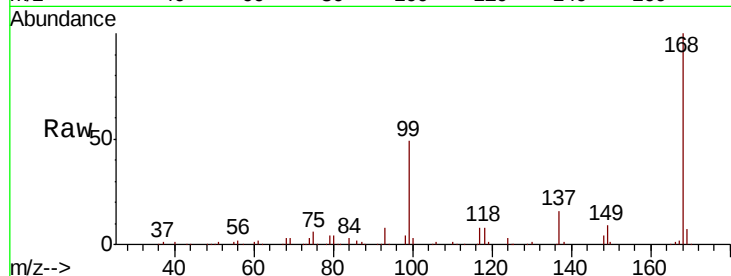
BP-VPB201-GW-685-687

Tgt Ion:168 Resp: 232471

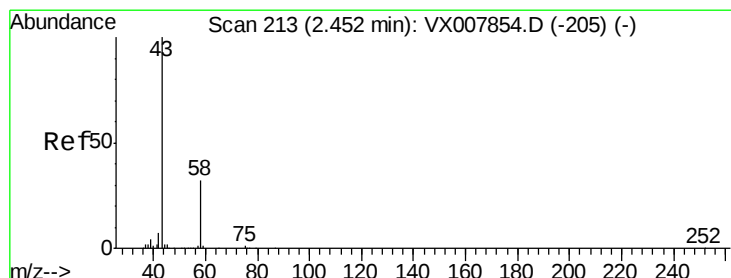
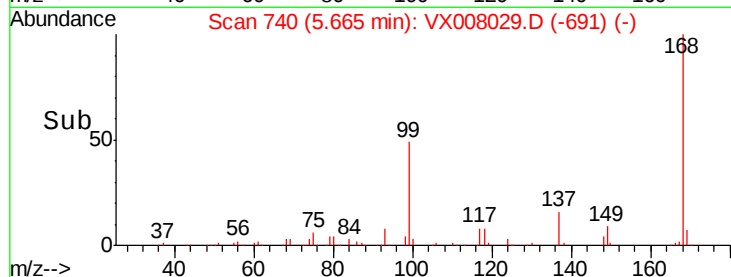
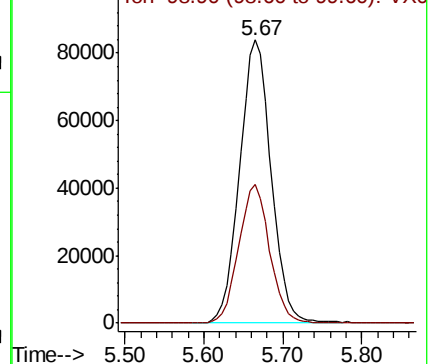
Ion Ratio Lower Upper

168 100

99 48.9 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX008029.D (-691) (-)



#16

Acetone

Concen: 4.841 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008029.D

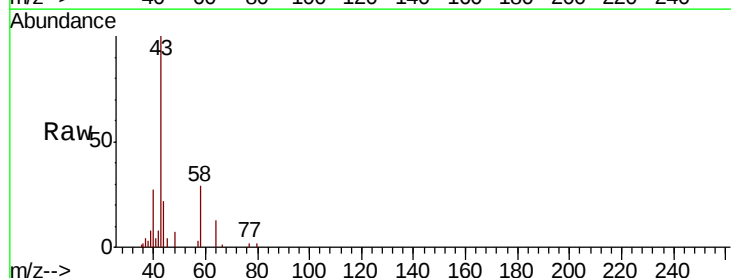
Acq: 12 Mar 2019 21:00

Tgt Ion: 43 Resp: 6871

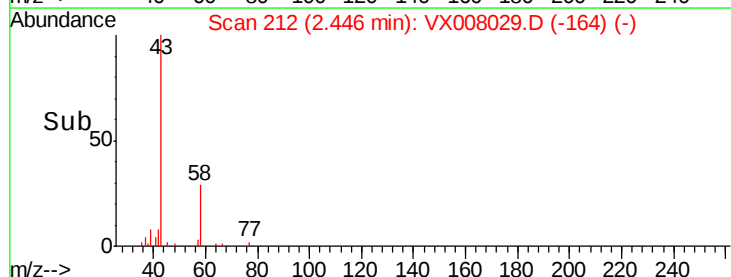
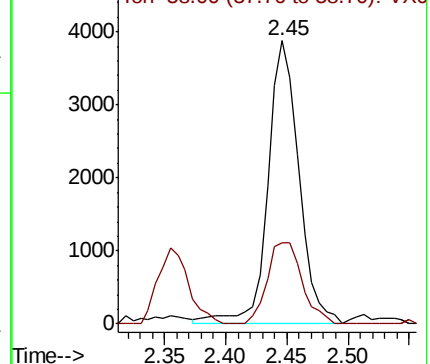
Ion Ratio Lower Upper

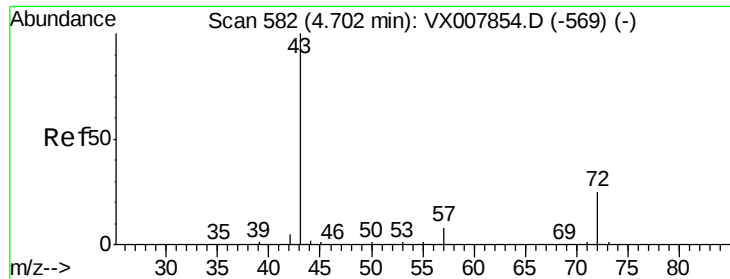
43 100

58 28.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX008029.D (-164) (-)





#25

2-Butanone

Concen: 1.031 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX008029.D

Acq: 12 Mar 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

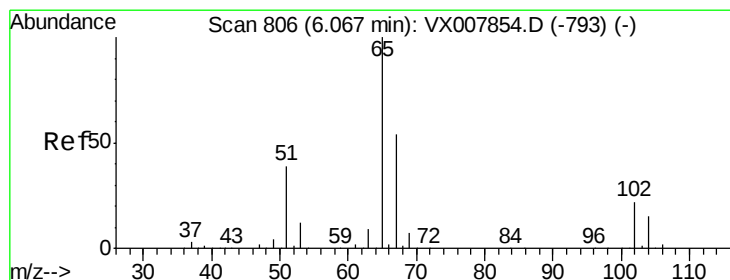
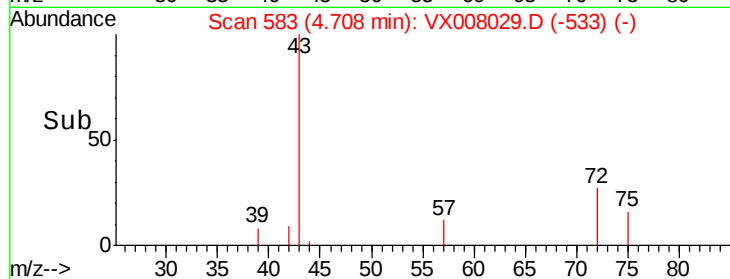
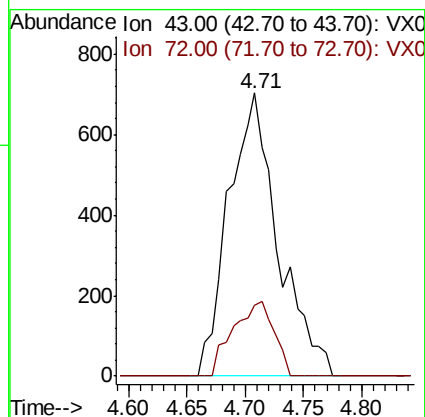
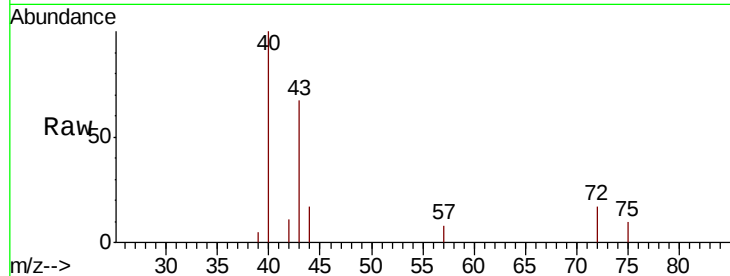
BP-VPB201-GW-685-687

Tgt Ion: 43 Resp: 2072

Ion Ratio Lower Upper

43 100

72 24.9 19.9 29.9



#33

1,2-Dichloroethane-d4

Concen: 54.065 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008029.D

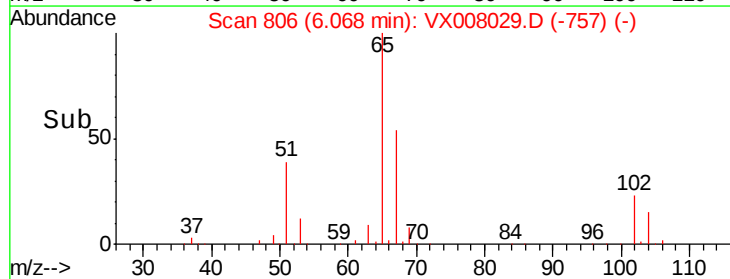
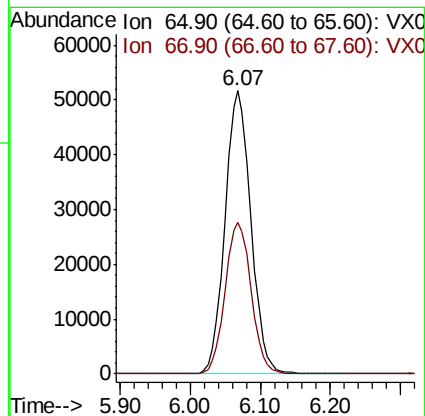
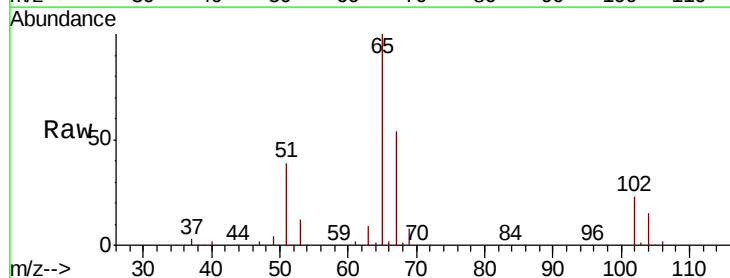
Acq: 12 Mar 2019 21:00

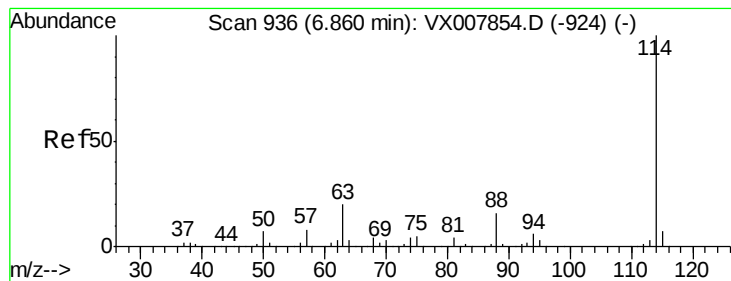
Tgt Ion: 65 Resp: 132586

Ion Ratio Lower Upper

65 100

67 54.1 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008029.D

Acq: 12 Mar 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-GW-685-687

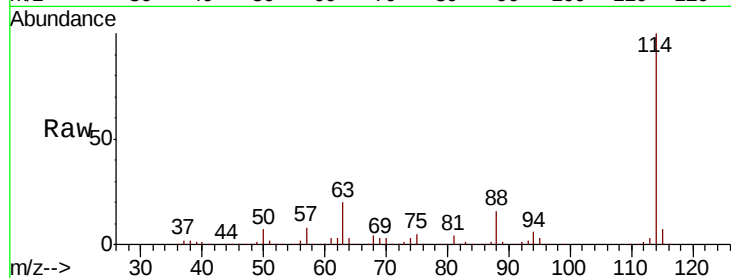
Tgt Ion:114 Resp: 367526

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

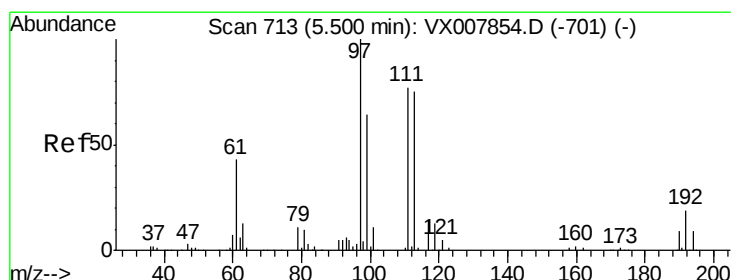
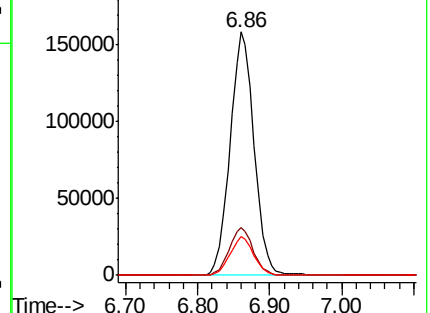
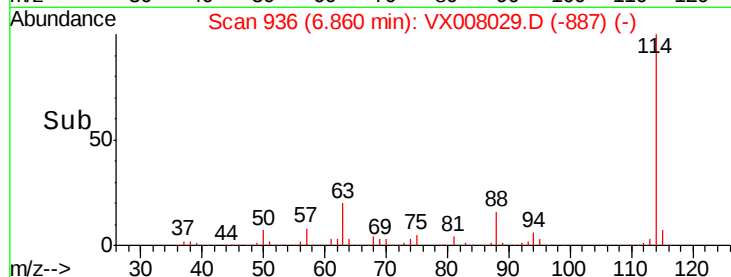
88 15.9 0.0 31.4



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: 51.829 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX008029.D

Acq: 12 Mar 2019 21:00

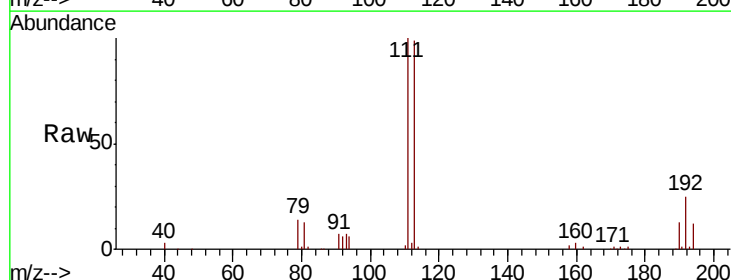
Tgt Ion:113 Resp: 121846

Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

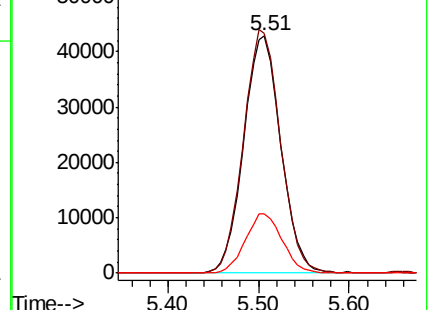
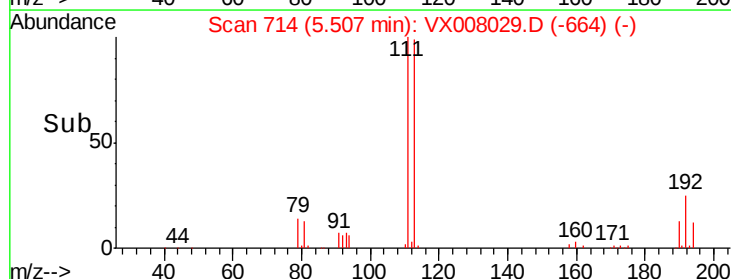
192 24.8 19.4 29.0

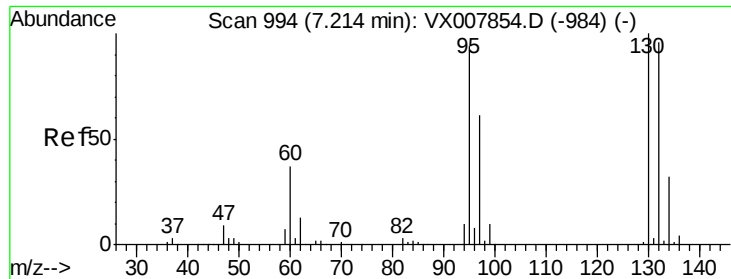


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.085 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX008029.D

Acq: 12 Mar 2019 21:00

Instrument :

MSVOA_X

ClientSampleId :

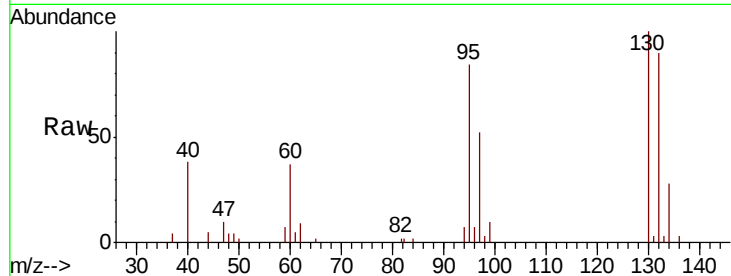
BP-VPB201-GW-685-687

Tgt Ion:130 Resp: 5692

Ion Ratio Lower Upper

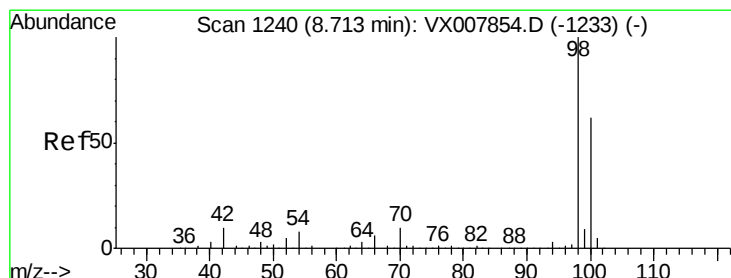
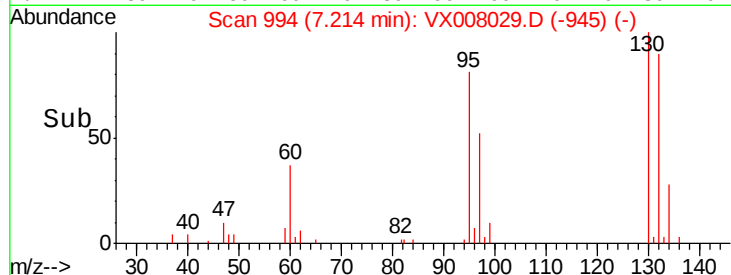
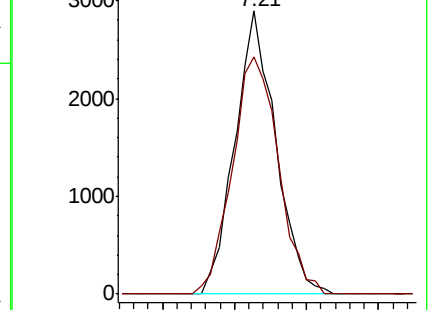
130 100

95 83.9 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 52.148 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX008029.D

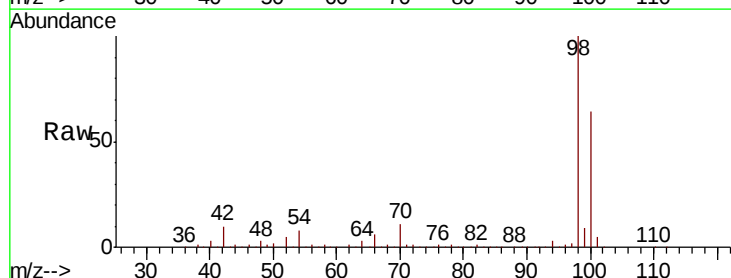
Acq: 12 Mar 2019 21:00

Tgt Ion: 98 Resp: 450246

Ion Ratio Lower Upper

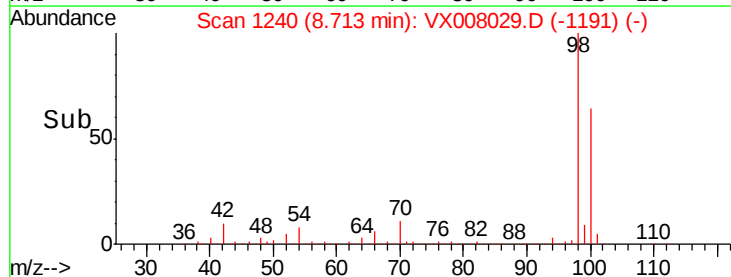
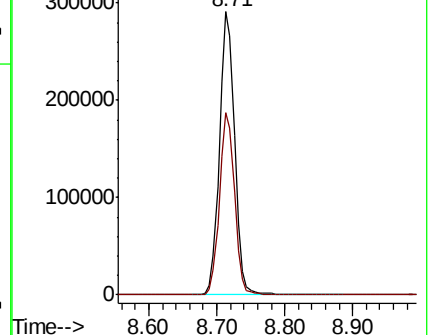
98 100

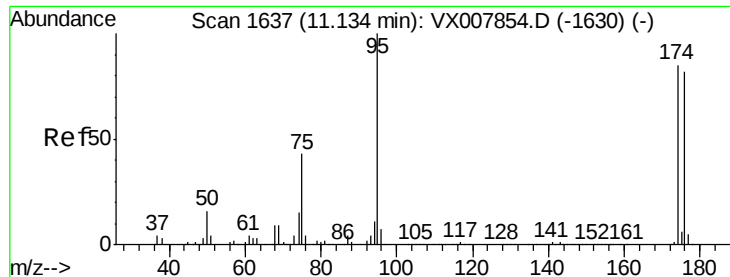
100 64.4 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

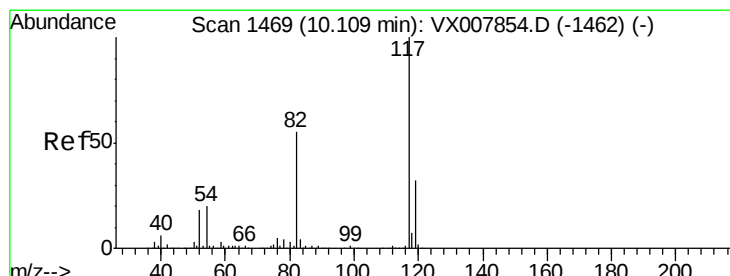
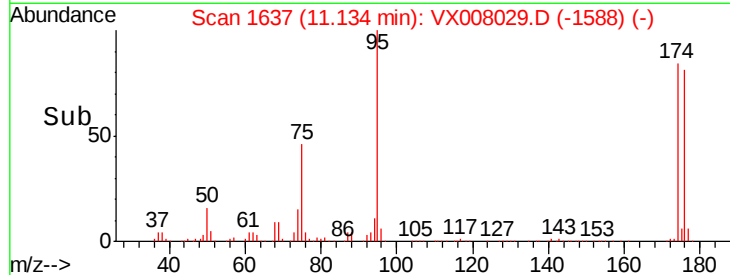
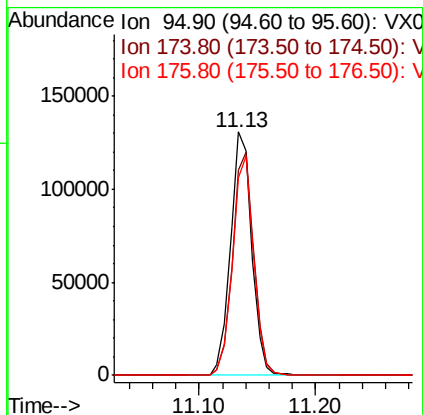
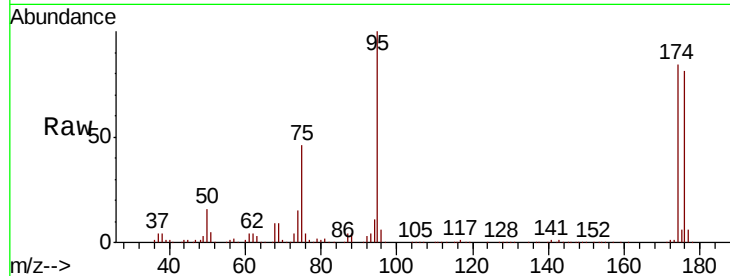




#62
 4-Bromofluorobenzene
 Concen: 54.934 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX008029.D
 Acq: 12 Mar 2019 21:00

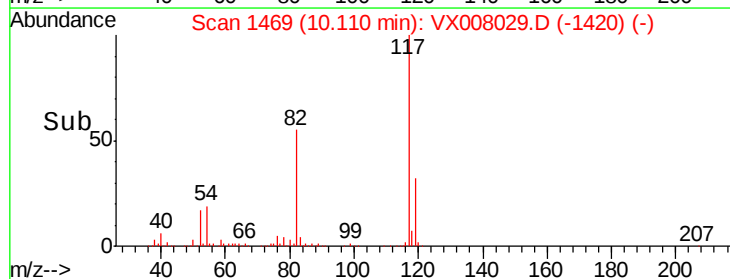
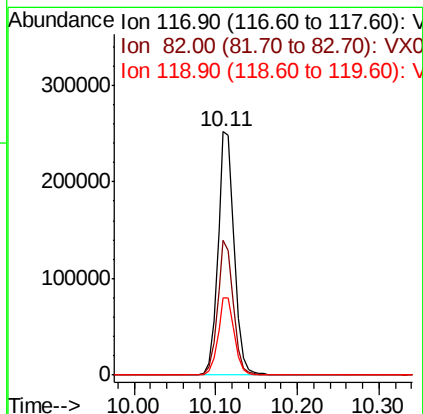
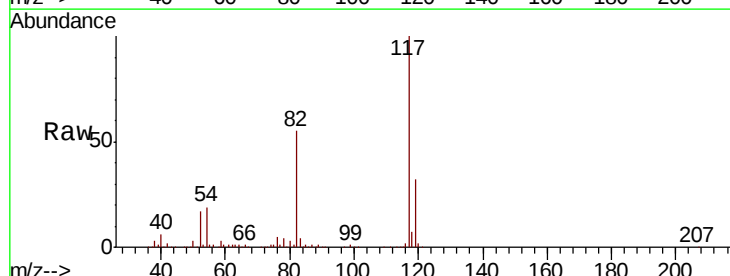
Instrument :
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 BP-VPB201-GW-685-687

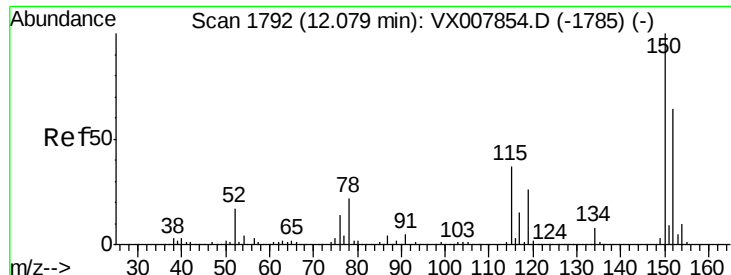
Tgt Ion: 95 Resp: 166289
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 182.8
 176 89.5 0.0 178.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VX008029.D
 Acq: 12 Mar 2019 21:00

Tgt Ion: 117 Resp: 353103
 Ion Ratio Lower Upper
 117 100
 82 55.2 44.3 66.5
 119 31.8 25.3 37.9

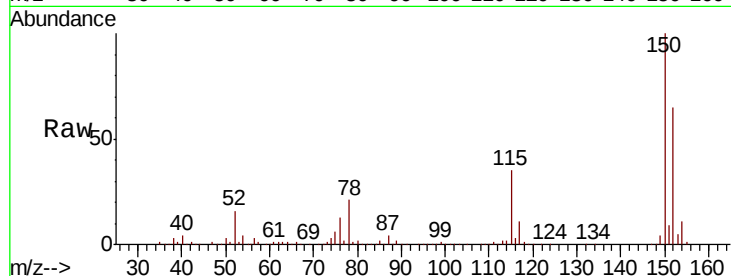




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008029.D
 Acq: 12 Mar 2019 21:00

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-GW-685-687

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	38.6	115.7
150	156.8	0.0	348.4



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

