

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031319\
 Data File : VX008043.D
 Acq On : 13 Mar 2019 12:38
 Operator : JC/SP
 Sample : K1840-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-DUP-20190308

Quant Time: Mar 13 13:01:49 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

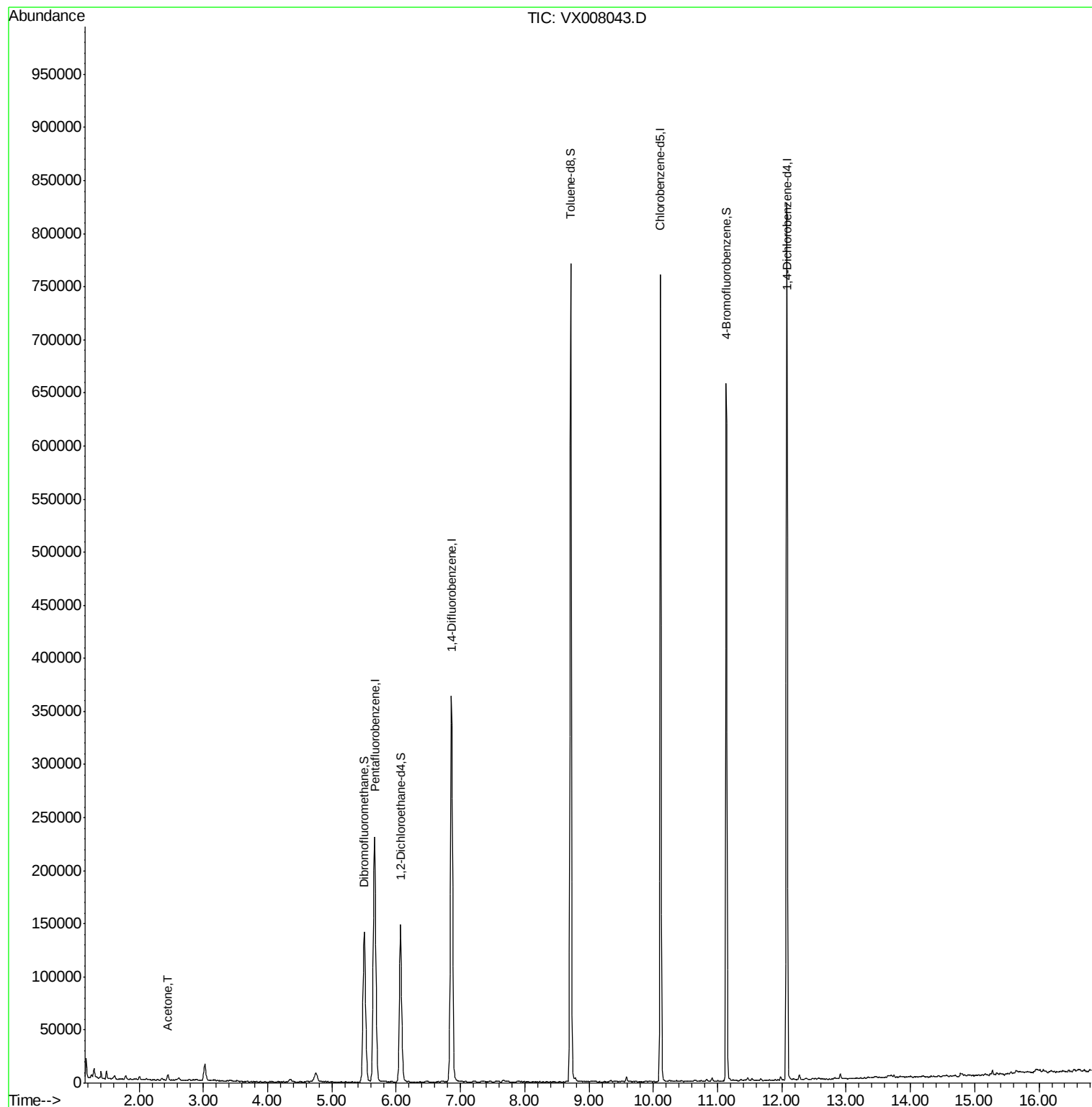
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249259	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	387675	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	368729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	183739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	131904	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
35) Dibromofluoromethane	5.50	113	124032	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
50) Toluene-d8	8.71	98	472193	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	11.13	95	177496	55.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.18%	
Target Compounds						
16) Acetone	2.45	43	5630	3.699	ug/l	Qvalue 98

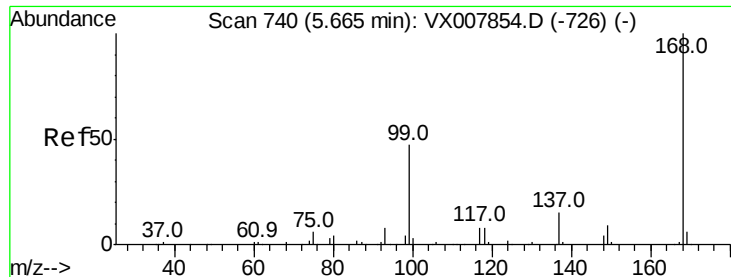
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008043.D

Acq: 13 Mar 2019 12:38

Instrument :

MSVOA_X

ClientSampleId :

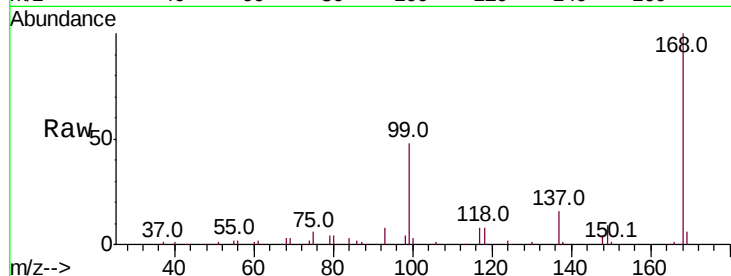
BP-VPB201-DUP-20190308

Tot Ion:168 Resp: 249259

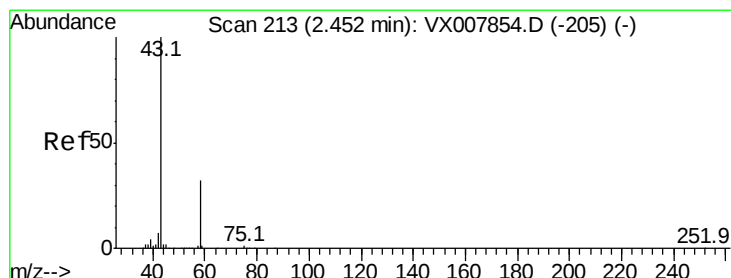
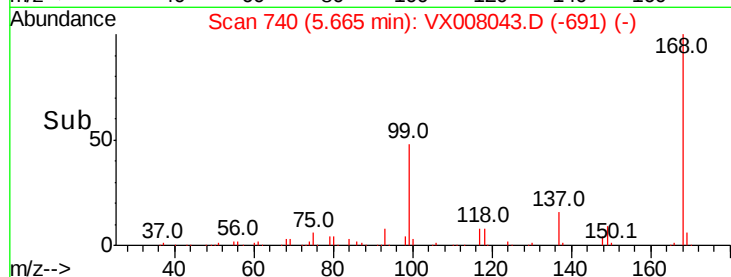
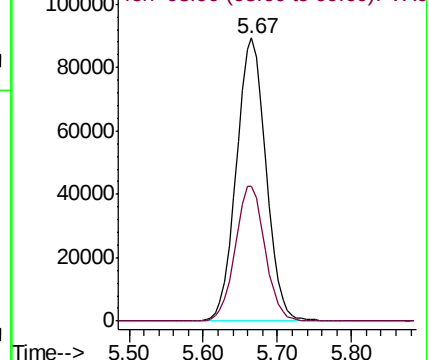
Ion Ratio Lower Upper

168 100

99 47.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX007854.D (-726) (-)



#16

Acetone

Concen: 3.699 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008043.D

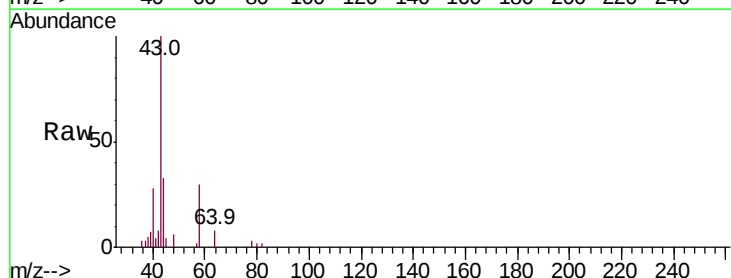
Acq: 13 Mar 2019 12:38

Tgt Ion: 43 Resp: 5630

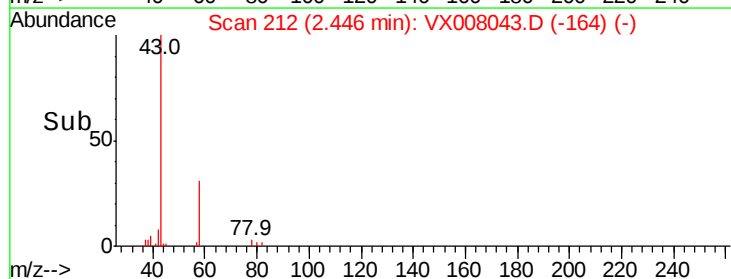
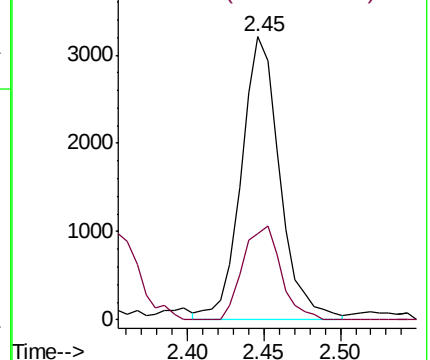
Ion Ratio Lower Upper

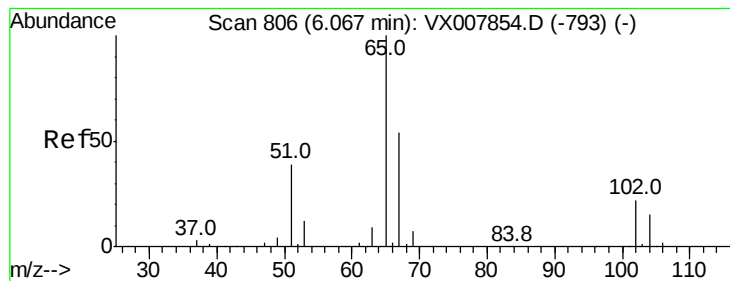
43 100

58 30.9 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX007854.D (-205) (-)





#33

1,2-Dichloroethane-d4

Concen: 50.164 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008043.D

Acq: 13 Mar 2019 12:38

Instrument :

MSVOA_X

ClientSampleId :

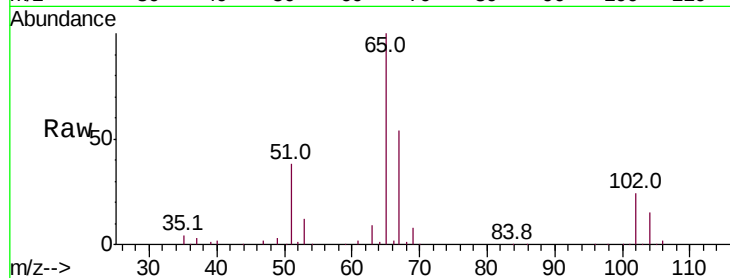
BP-VPB201-DUP-20190308

Tot Ion: 65 Resp: 131904

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX007854.D (-793) (-)

Ion 66.90 (66.60 to 67.60): VX007854.D (-793) (-)

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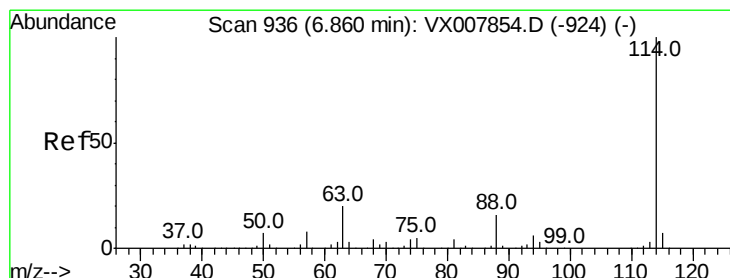
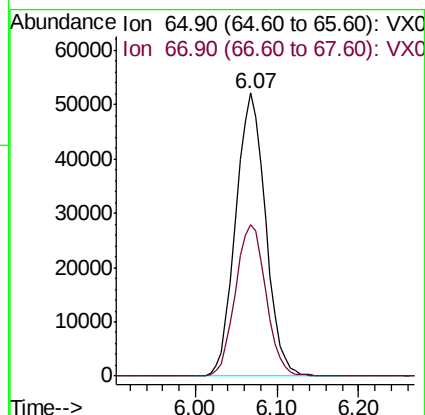
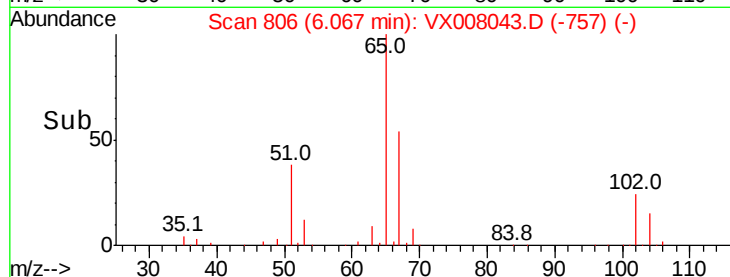
6.07

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6.07



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX008043.D

Acq: 13 Mar 2019 12:38

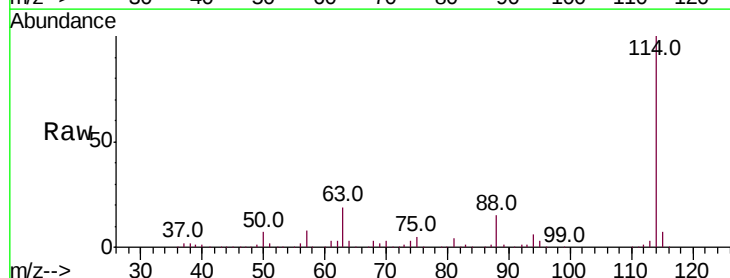
Tgt Ion:114 Resp: 387675

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.8

88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VX007854.D (-924) (-)

Ion 63.00 (62.70 to 63.70): VX007854.D (-924) (-)

Ion 87.90 (87.60 to 88.60): VX007854.D (-924) (-)

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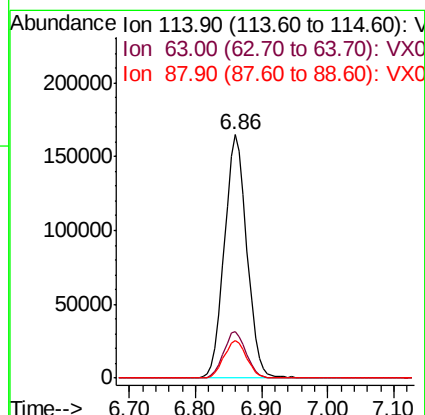
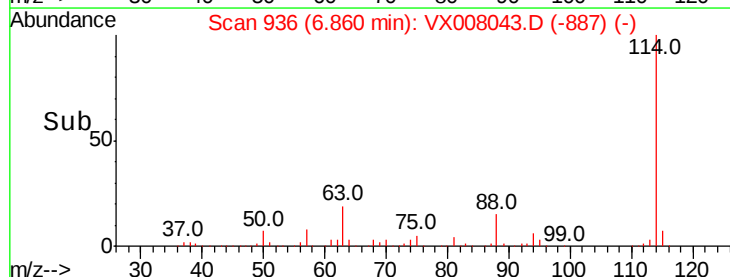
6.86

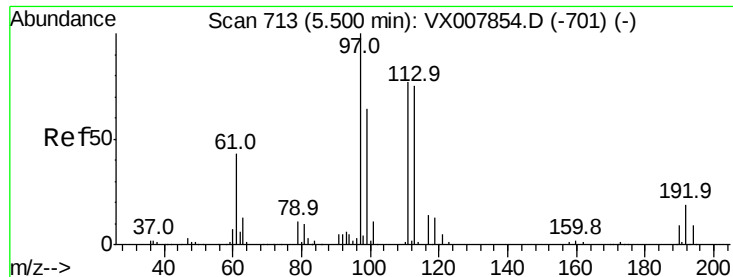
6.86

6.86

6.86

6.86

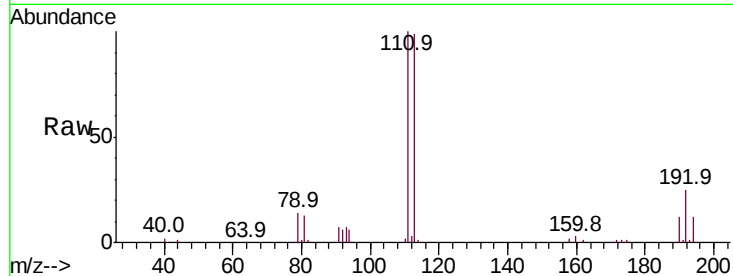




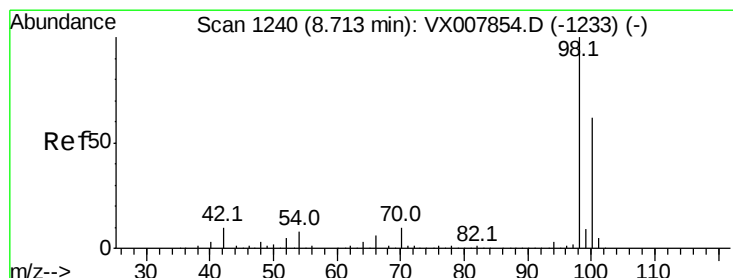
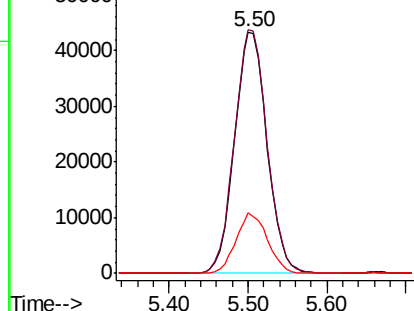
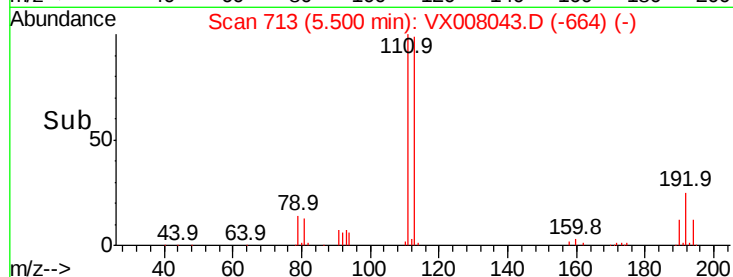
#35
Dibromofluoromethane
Concen: 50.016 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX008043.D
Acq: 13 Mar 2019 12:38

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-DUP-20190308

Tot Ion:113 Resp: 124032
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 24.4 19.4 29.0

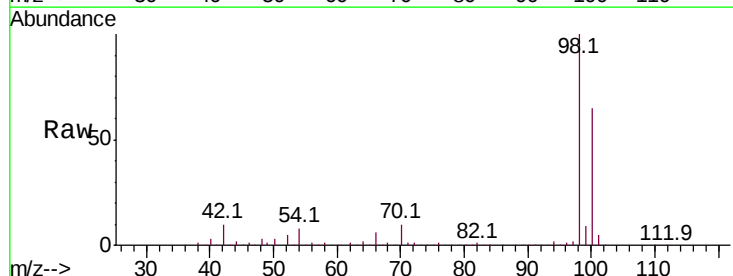


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

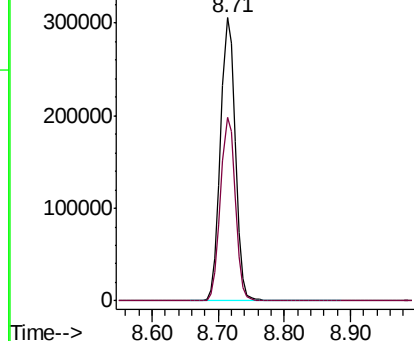
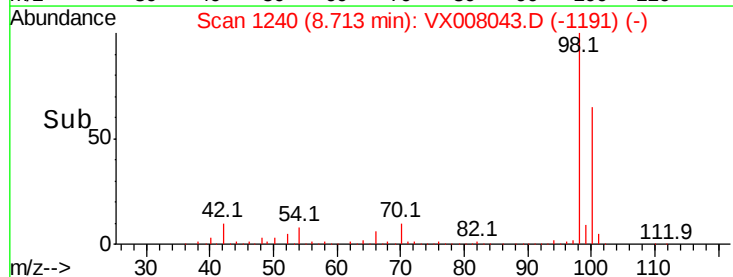


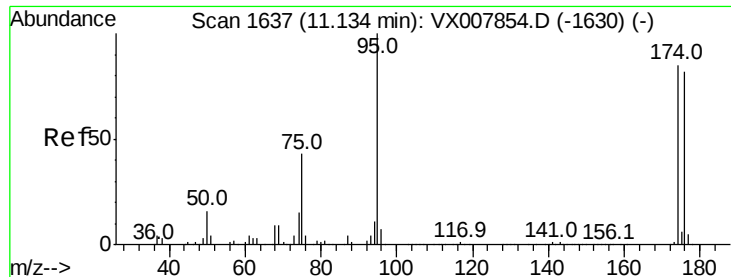
#50
Toluene-d8
Concen: 51.848 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008043.D
Acq: 13 Mar 2019 12:38

Tgt Ion: 98 Resp: 472193
Ion Ratio Lower Upper
98 100
100 64.7 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: 55.588 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008043.D

Acq: 13 Mar 2019 12:38

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-DUP-20190308

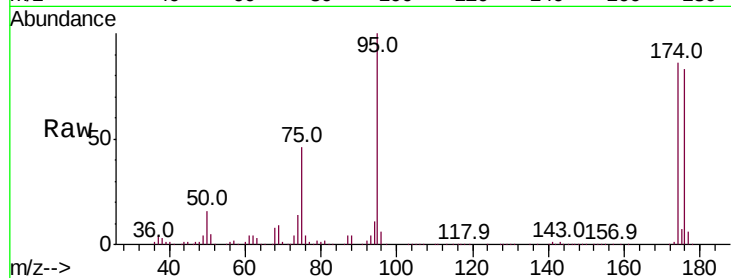
Tot Ion: 95 Resp: 177496

Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.8

176 89.2 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)

11.13

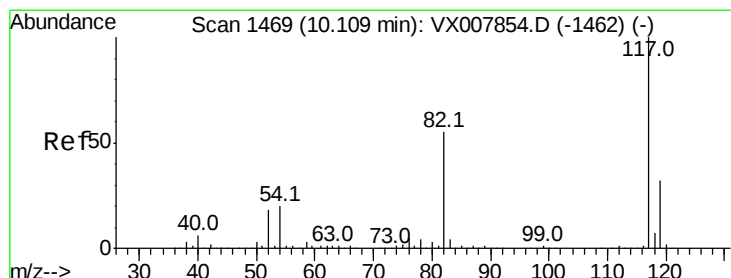
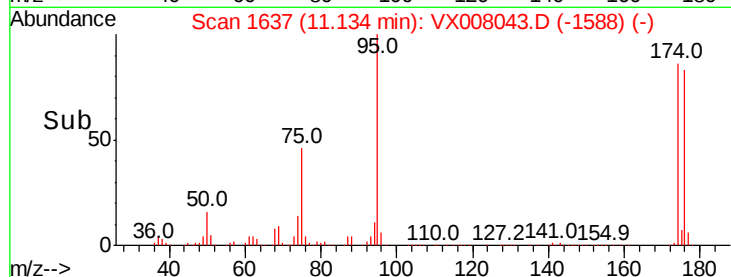
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX008043.D

Acq: 13 Mar 2019 12:38

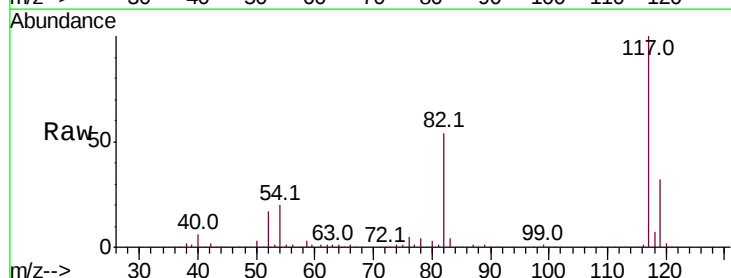
Tgt Ion: 117 Resp: 368729

Ion Ratio Lower Upper

117 100

82 54.4 44.3 66.5

119 32.3 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)

10.11

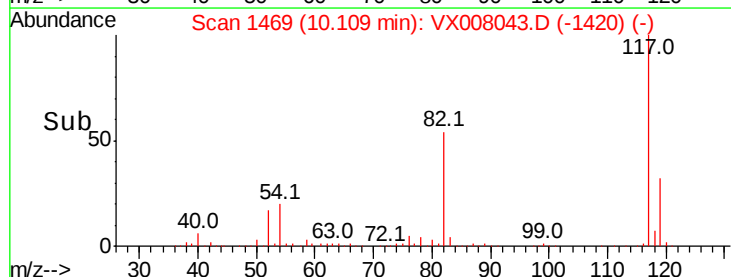
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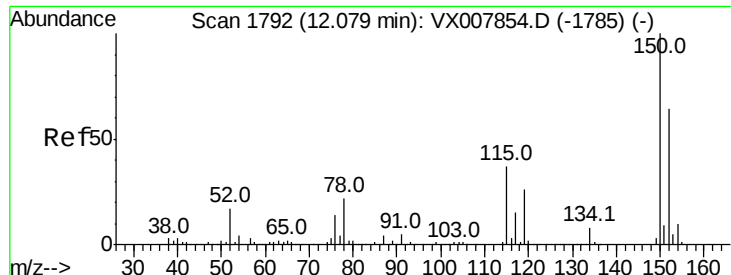
200000

100000

0

Time-->

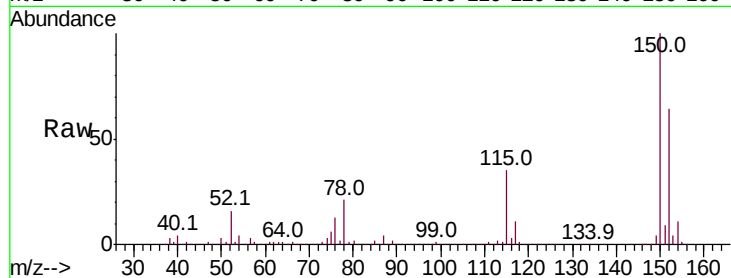




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX008043.D
 Acq: 13 Mar 2019 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-DUP-20190308

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.6	115.7
150	156.3	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

