

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030419\
 Data File : VX007812.D
 Acq On : 04 Mar 2019 15:55
 Operator : JC/SP
 Sample : K1719-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB201-EB-20190301

Quant Time: Mar 04 22:13:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	354713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	544438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	506218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	248803	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	191370	43.55	ug/l	0.00
Spiked Amount			Recovery	=	87.10%	
35) Dibromofluoromethane	5.51	113	173467	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
50) Toluene-d8	8.71	98	659167	47.31	ug/l	0.00
Spiked Amount			Recovery	=	94.62%	
62) 4-Bromofluorobenzene	11.13	95	240526	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	

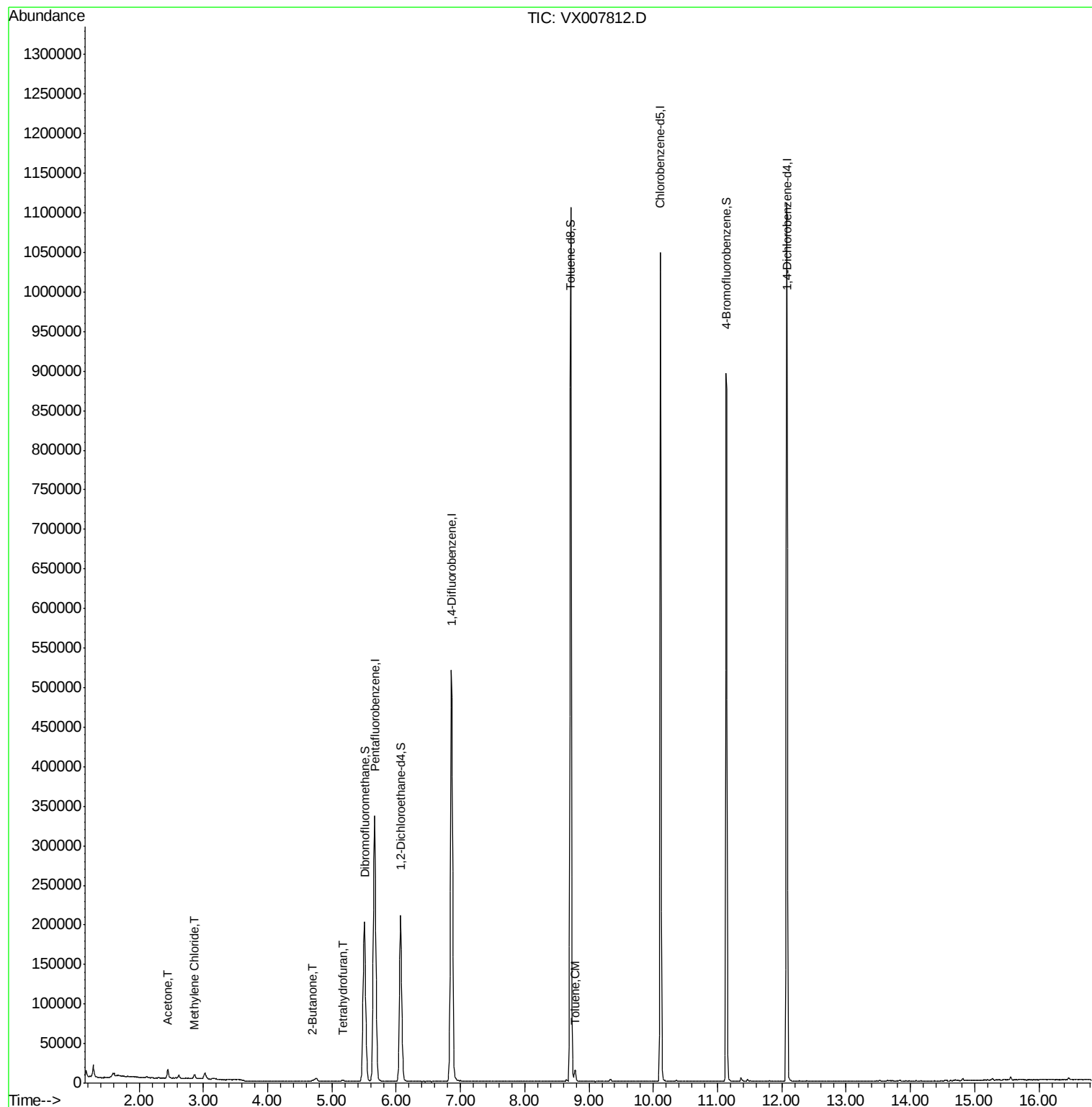
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	12361	6.326	ug/l	97
20) Methylene Chloride	2.86	84	2575	0.714	ug/l	95
25) 2-Butanone	4.70	43	3579	1.202	ug/l	91
29) Tetrahydrofuran	5.17	42	1752	0.893	ug/l	95
52) Toluene	8.79	92	5014	0.526	ug/l	96

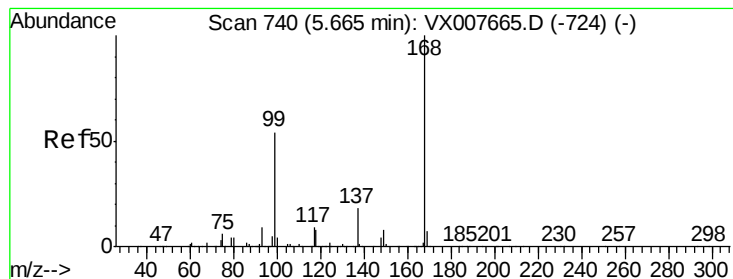
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
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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: VX007812.D

Acq: 04 Mar 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

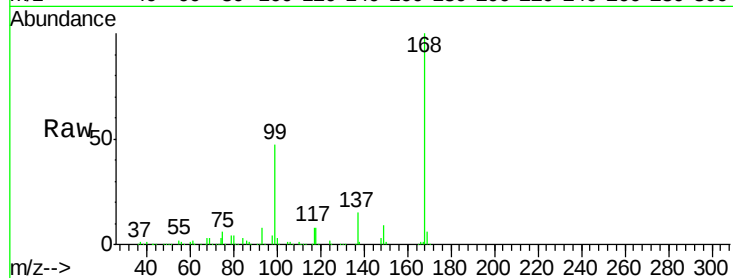
BP-VPB201-EB-20190301

Tot Ion:168 Resp: 354713

Ion Ratio Lower Upper

168 100

99 46.5 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

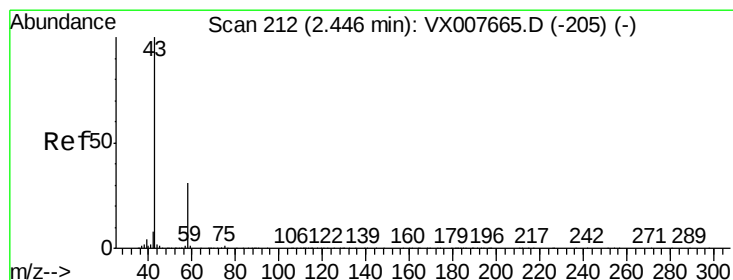
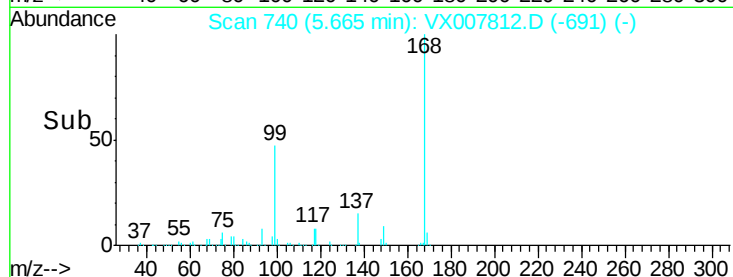
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.326 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007812.D

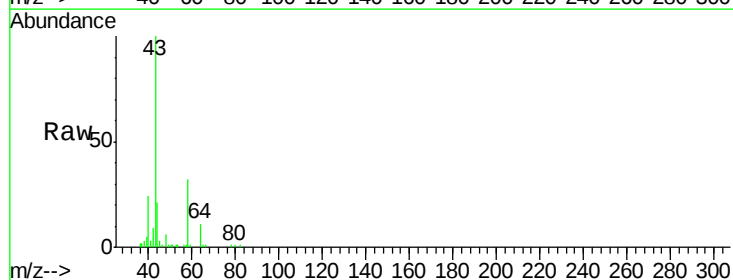
Acq: 04 Mar 2019 15:55

Tgt Ion: 43 Resp: 12361

Ion Ratio Lower Upper

43 100

58 32.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

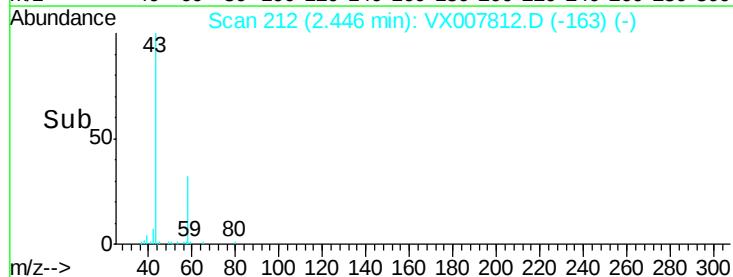
6000

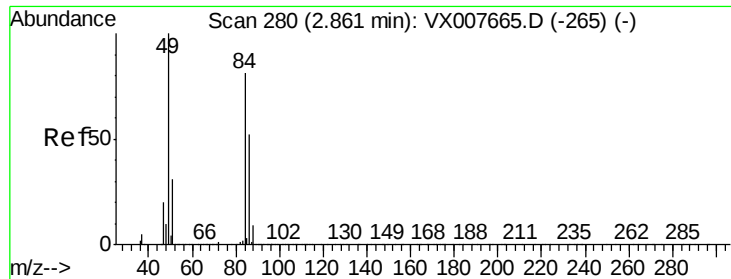
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

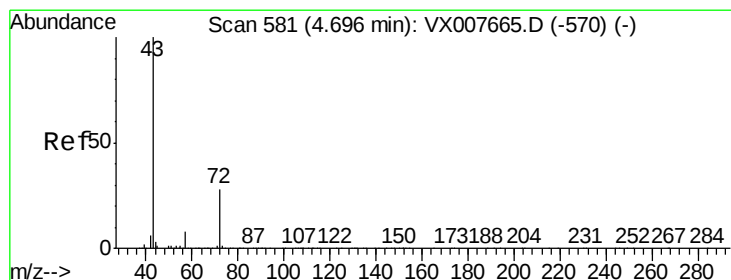
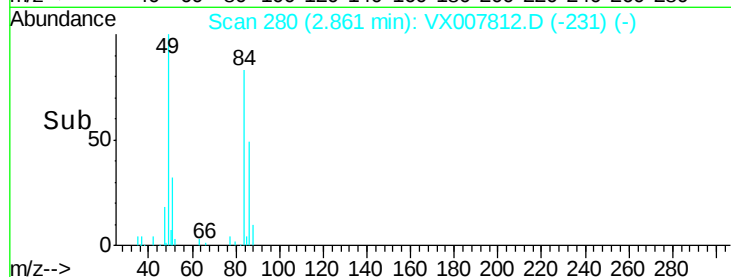
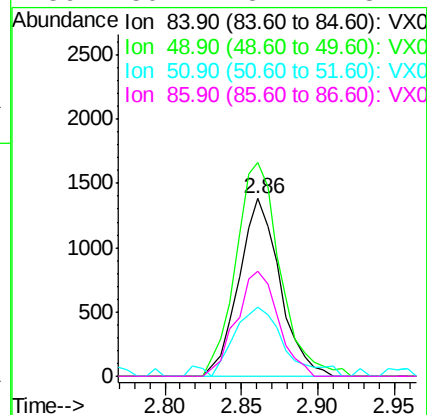
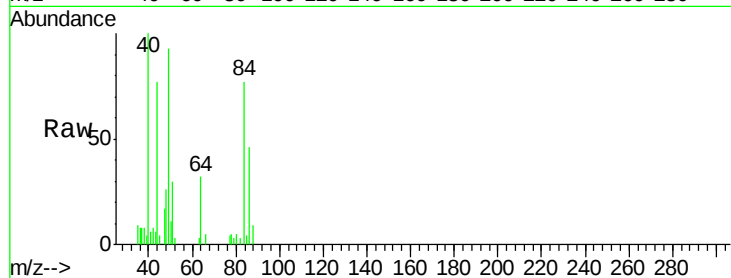




#20
Methvlene Chloride
Concen: 0.714 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007812.D
Acq: 04 Mar 2019 15:55

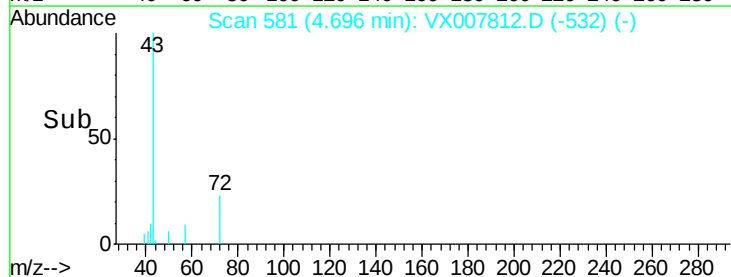
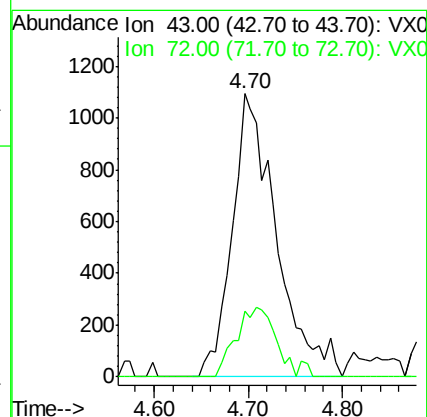
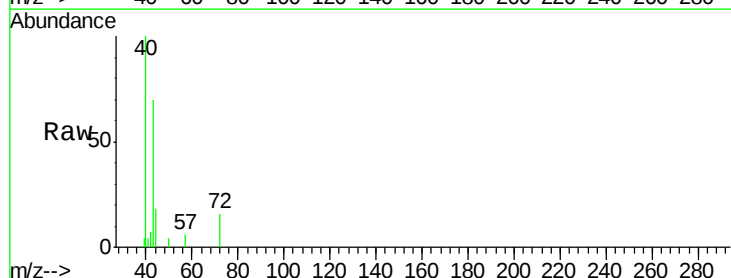
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB201-EB-20190301

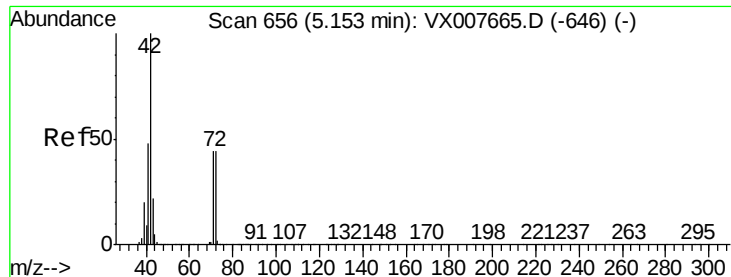
Tot Ion:	84	Resp:	2575
Ion	Ratio	Lower	Upper
84	100		
49	120.4	94.8	142.2
51	39.1	29.8	44.8
86	59.1	54.1	81.1



#25
2-Butanone
Concen: 1.202 ug/l
RT: 4.70 min Scan# 581
Delta R.T. 0.00 min
Lab File: VX007812.D
Acq: 04 Mar 2019 15:55

Tgt Ion:	43	Resp:	3579
Ion	Ratio	Lower	Upper
43	100		
72	23.2	22.2	33.2





#29

Tetrahydrofuran

Concen: 0.893 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX007812.D

Acq: 04 Mar 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190301

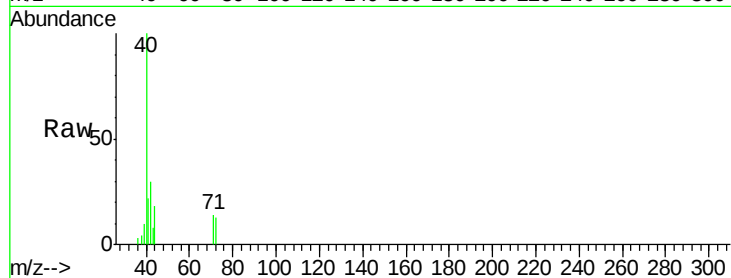
Tot Ion: 42 Resp: 1752

Ion Ratio Lower Upper

42 100

72 44.3 37.6 56.4

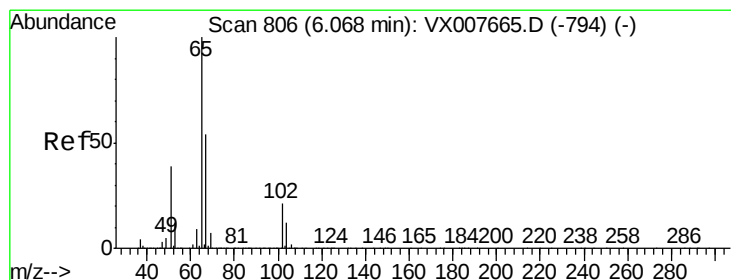
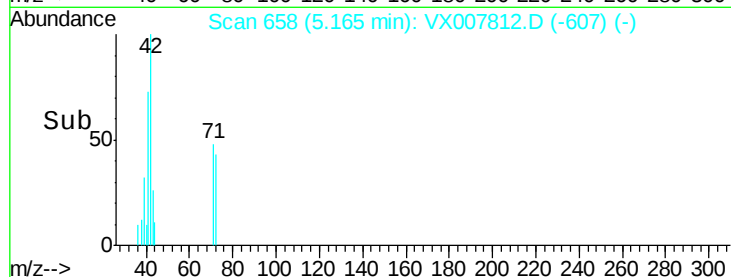
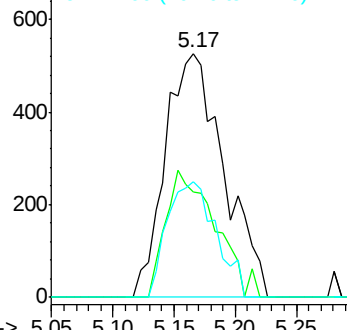
71 39.4 34.6 51.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 43.555 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007812.D

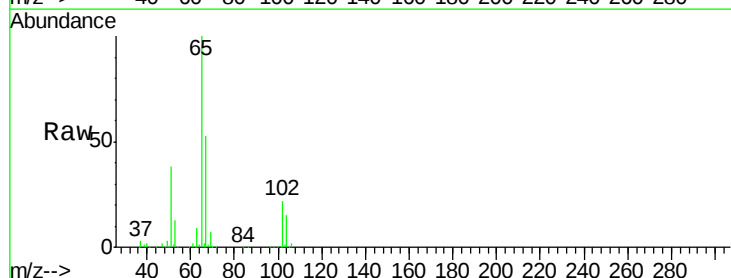
Acq: 04 Mar 2019 15:55

Tgt Ion: 65 Resp: 191370

Ion Ratio Lower Upper

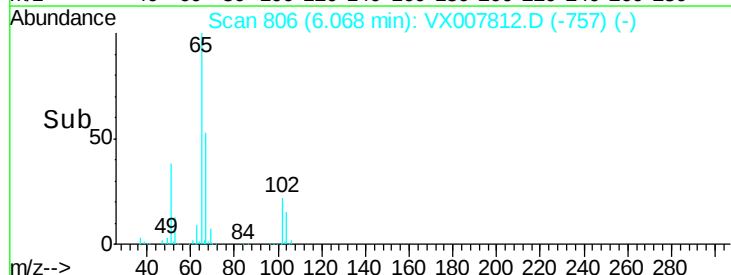
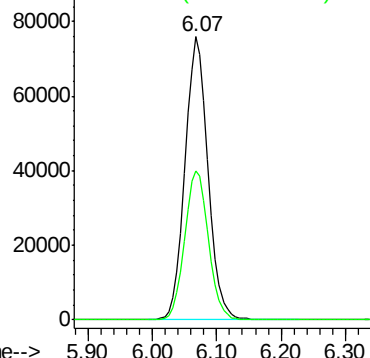
65 100

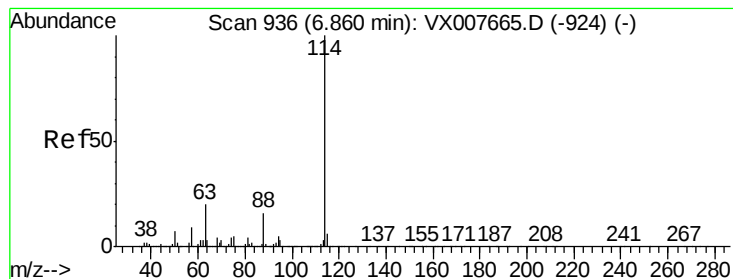
67 54.3 0.0 108.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007812.D

Acq: 04 Mar 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190301

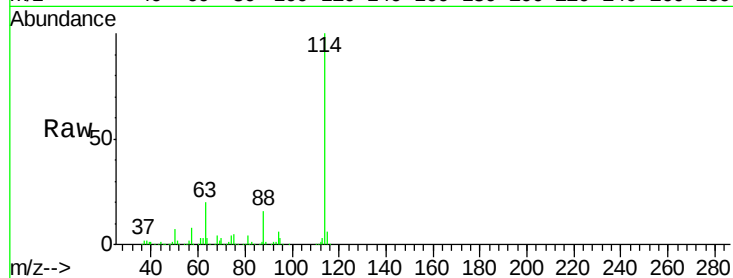
Tot Ion:114 Resp: 544438

Ion Ratio Lower Upper

114 100

63 20.2 0.0 35.6

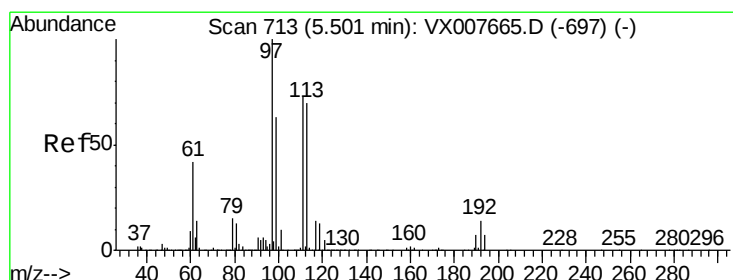
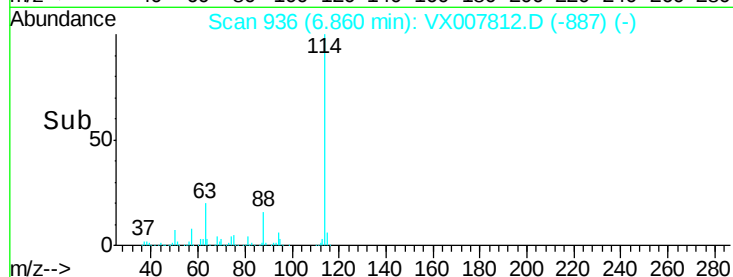
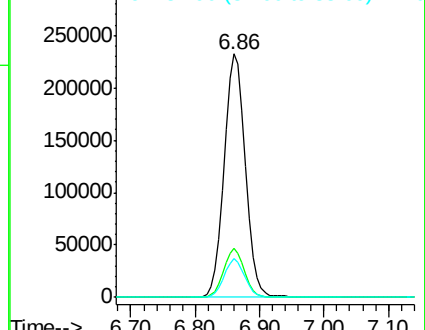
88 15.8 0.0 29.6



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: 47.664 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007812.D

Acq: 04 Mar 2019 15:55

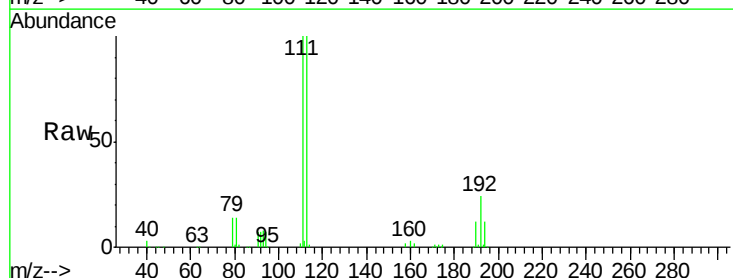
Tgt Ion:113 Resp: 173467

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

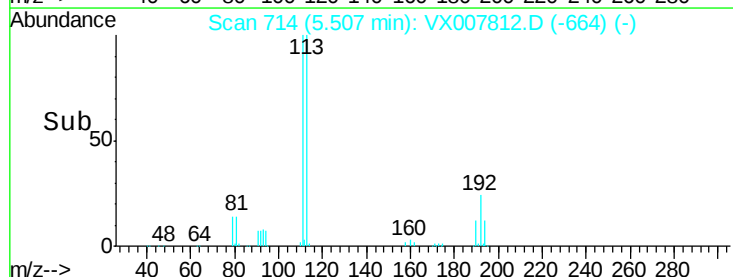
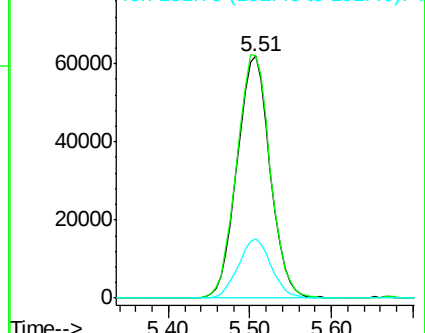
192 24.5 18.5 27.7

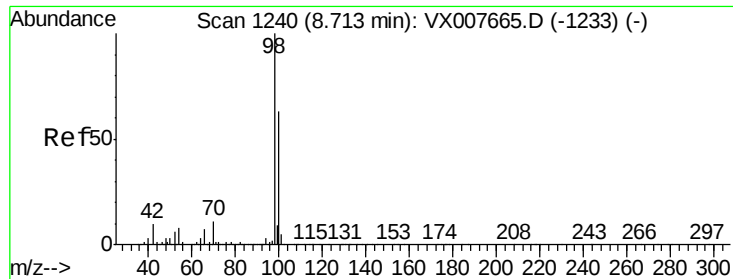


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

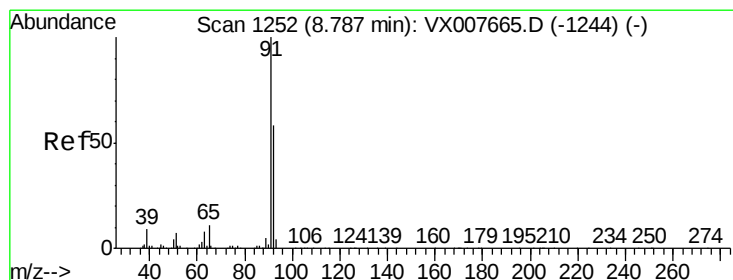
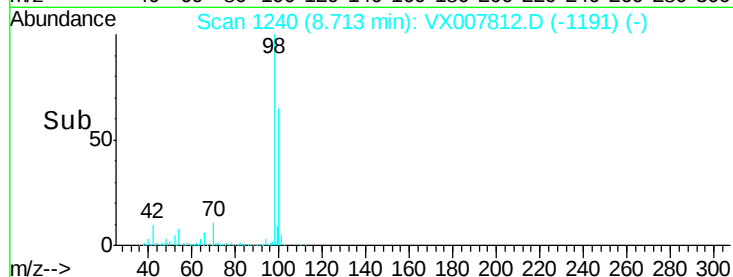
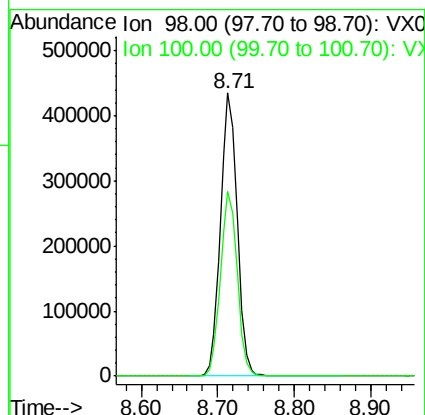
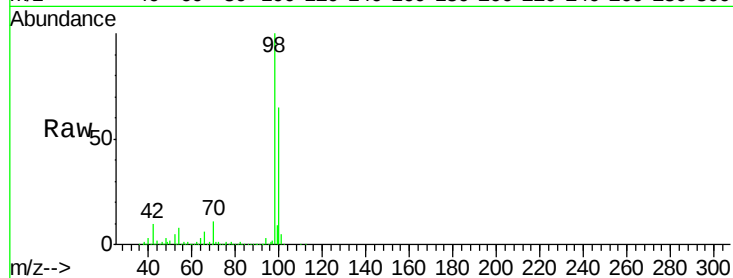




#50
Toluene-d8
Concen: 47.310 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007812.D
Acq: 04 Mar 2019 15:55

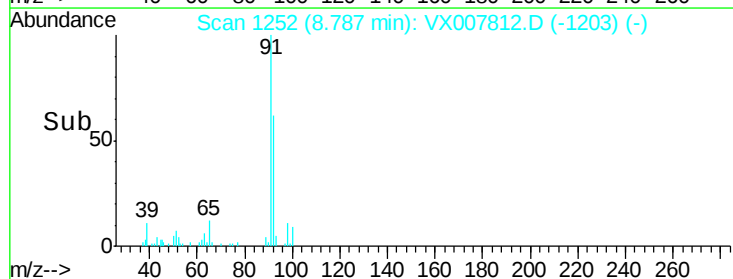
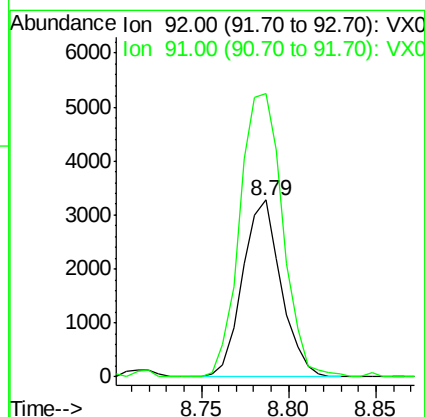
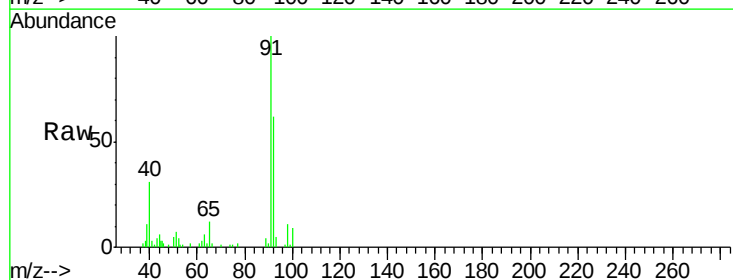
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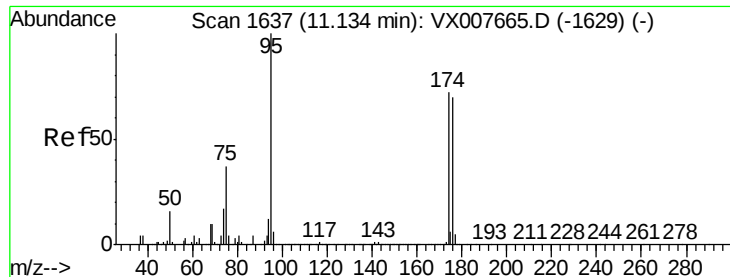
Tot Ion: 98 Resp: 659167
Ion Ratio Lower Upper
98 100
100 65.3 51.6 77.4



#52
Toluene
Concen: 0.526 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX007812.D
Acq: 04 Mar 2019 15:55

Tgt Ion: 92 Resp: 5014
Ion Ratio Lower Upper
92 100
91 178.8 139.1 208.7





#62

4-Bromofluorobenzene

Concen: 47.034 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007812.D

Acq: 04 Mar 2019 15:55

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB201-EB-20190301

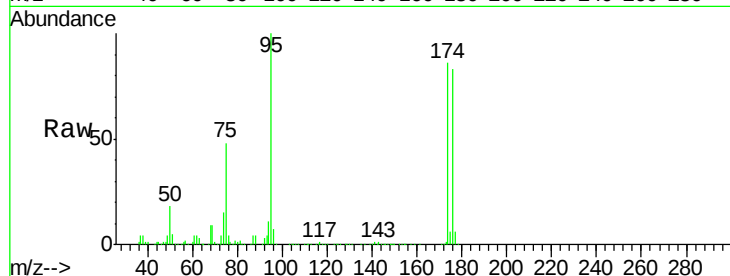
Tot Ion: 95 Resp: 240526

Ion Ratio Lower Upper

95 100

174 92.3 0.0 189.2

176 89.8 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX007665.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX007665.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX007665.D (-1629) (-)

11.13

250000

200000

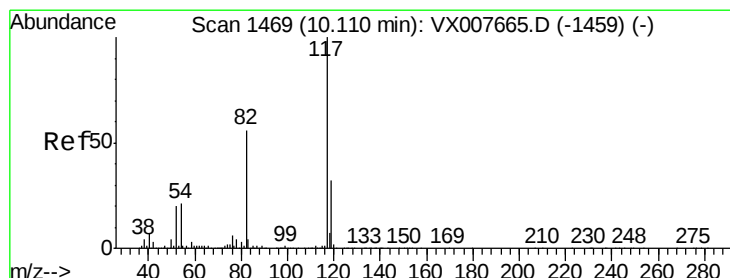
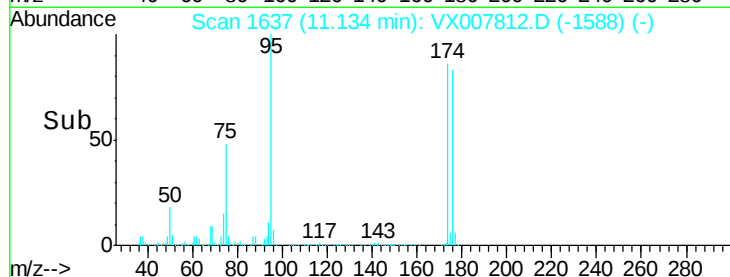
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007812.D

Acq: 04 Mar 2019 15:55

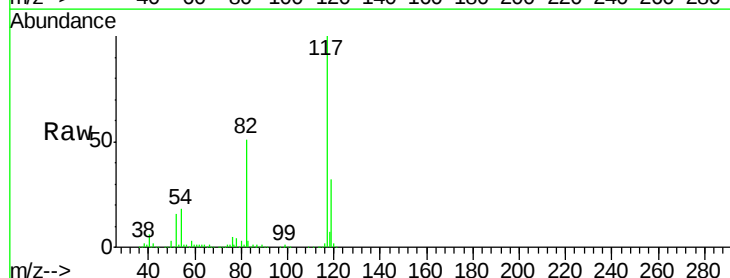
Tgt Ion: 117 Resp: 506218

Ion Ratio Lower Upper

117 100

82 51.5 42.1 63.1

119 32.3 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): VX007665.D (-1459) (-)

Ion 82.00 (81.70 to 82.70): VX007665.D (-1459) (-)

Ion 118.90 (118.60 to 119.60): VX007665.D (-1459) (-)

10.12

500000

400000

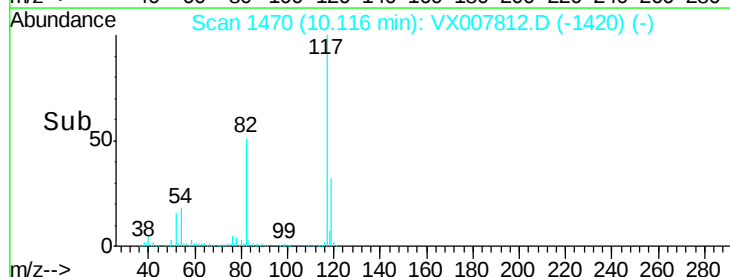
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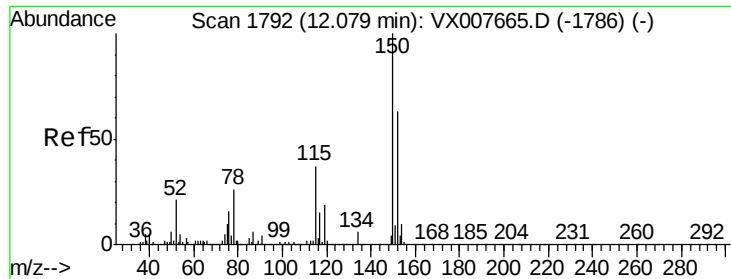
200000

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: VX007812.D

Acq: 04 Mar 2019 15:55

Instrument :

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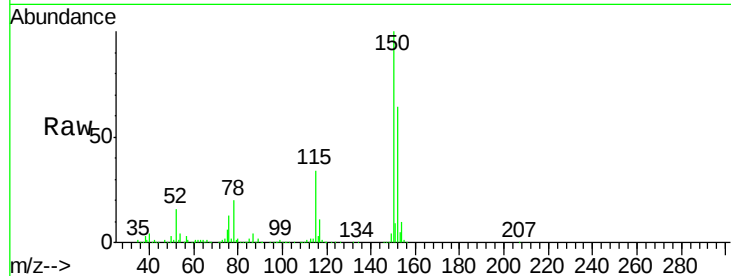
Tot Ion:152 Resp: 248803

Ion Ratio Lower Upper

152 100

115 55.0 38.0 114.0

150 156.1 0.0 346.4



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

