

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121818\
 Data File : VX006623.D
 Acq On : 19 Dec 2018 03:25
 Operator : JC/MD
 Sample : J6408-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ163I-20181208

Quant Time: Jan 02 05:38:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:23:17 2018
 Response via : Initial Calibration

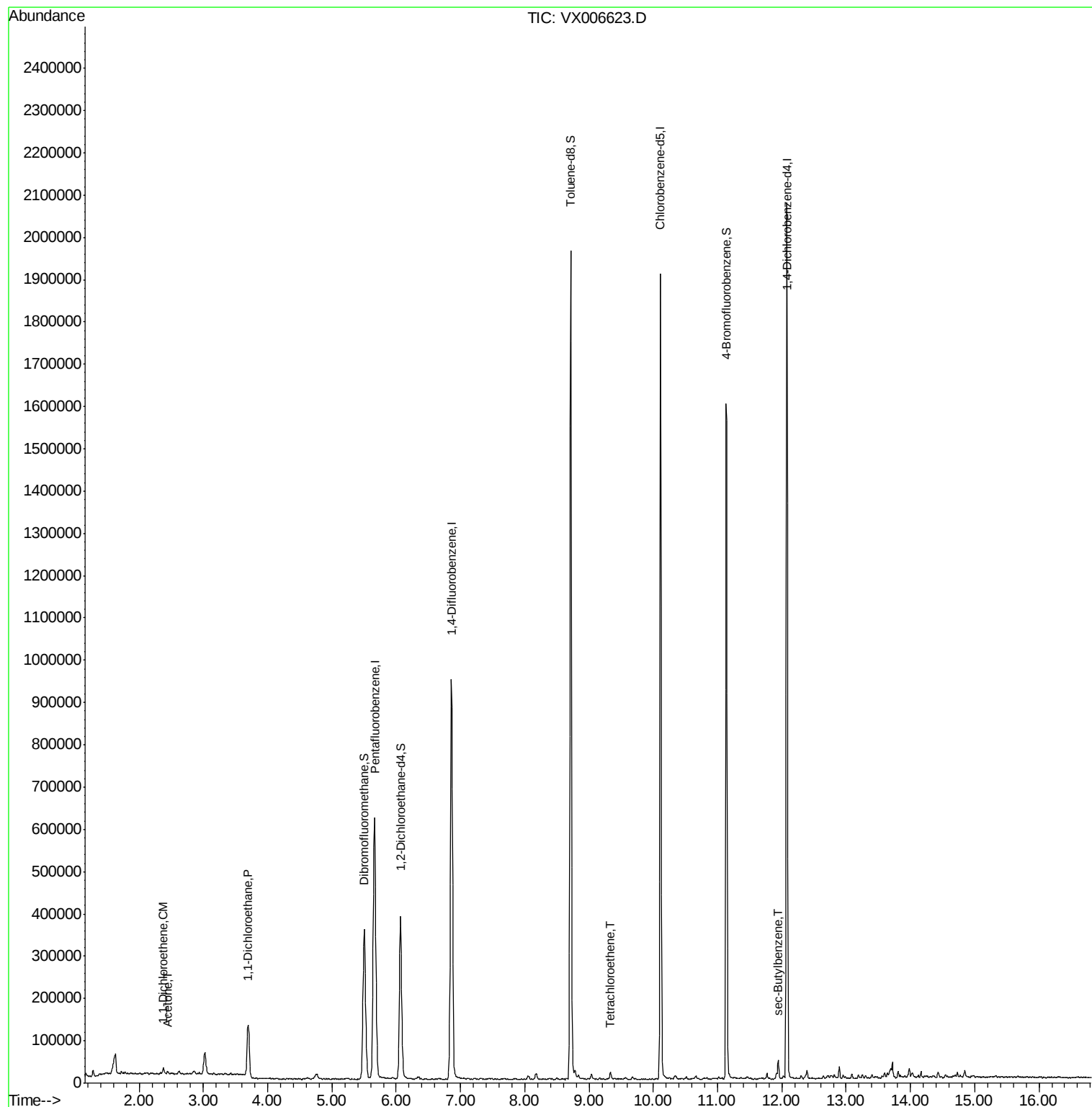
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	635579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1014519	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	935163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	444824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	355820	51.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.88%	
35) Dibromofluoromethane	5.50	113	301254	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
50) Toluene-d8	8.71	98	1214184	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	11.13	95	445726	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	5375	0.947	ug/l	85
16) Acetone	2.45	43	5243	1.666	ug/l	90
24) 1,1-Dichloroethane	3.70	63	144523	13.845	ug/l	99
64) Tetrachloroethene	9.34	164	3459	0.467	ug/l	95
85) sec-Butylbenzene	11.94	105	22761	0.740	ug/l	84

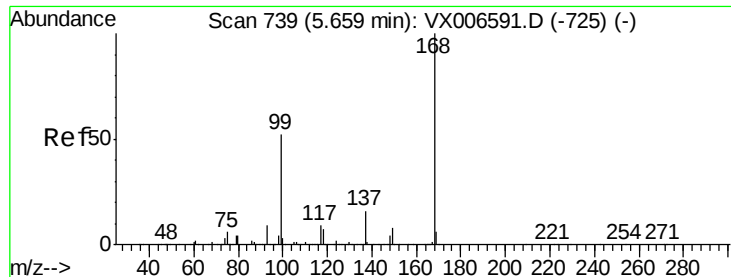
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:23:17 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006623.D

Acq: 19 Dec 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

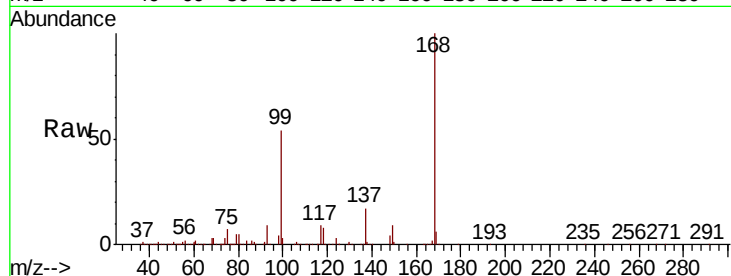
SA.PZ163I-20181208

Tgt Ion:168 Resp: 635579

Ion Ratio Lower Upper

168 100

99 54.4 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

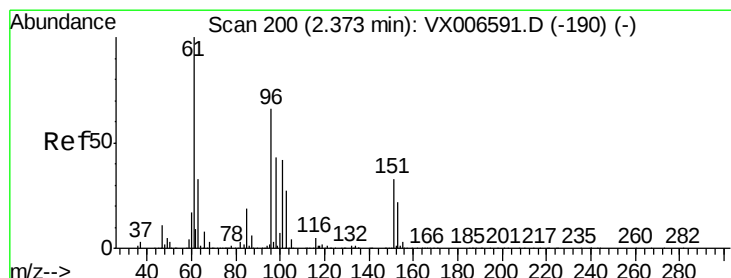
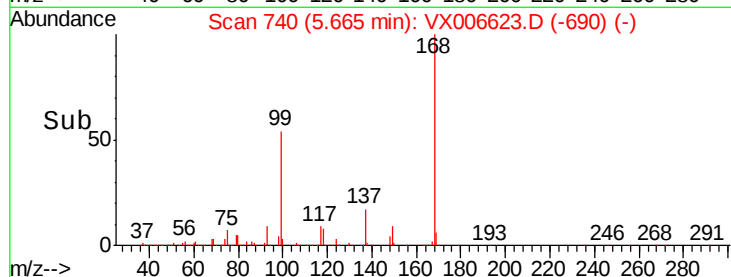
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#12

1,1-Dichloroethene

Concen: 0.947 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.00 min

Lab File: VX006623.D

Acq: 19 Dec 2018 03:25

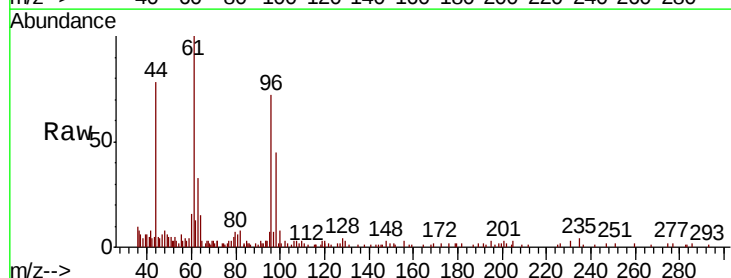
Tgt Ion: 96 Resp: 5375

Ion Ratio Lower Upper

96 100

61 138.5 131.7 197.5

98 61.8 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6000

5000

4000

3000

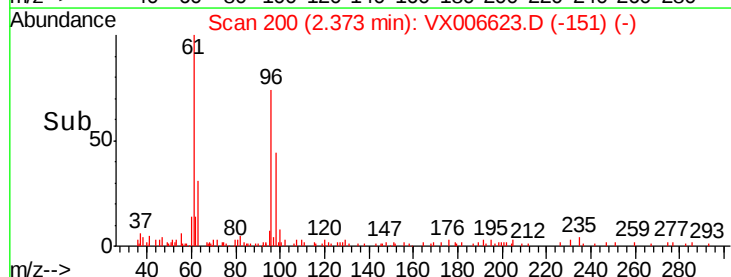
2000

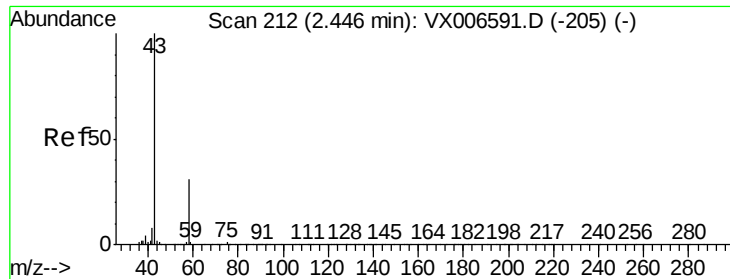
1000

0

Time-->

2.30 2.35 2.40 2.45





#16

Acetone

Concen: 1.666 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006623.D

Acq: 19 Dec 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

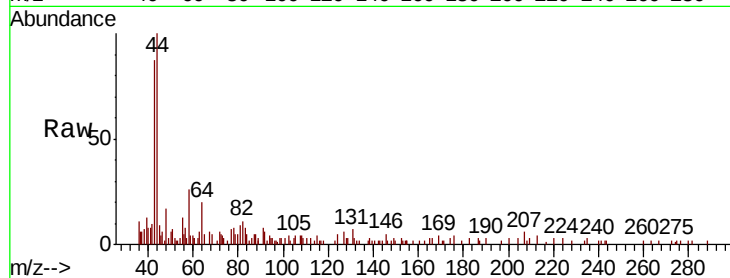
SA.PZ163I-20181208

Tgt Ion: 43 Resp: 5243

Ion Ratio Lower Upper

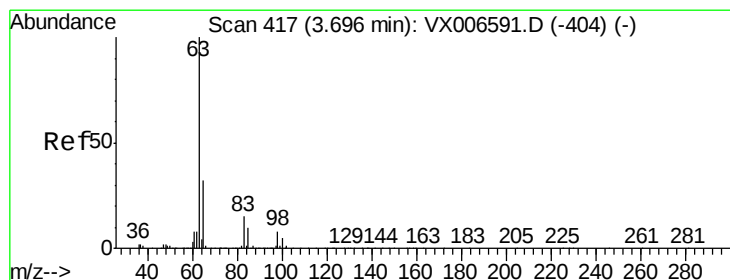
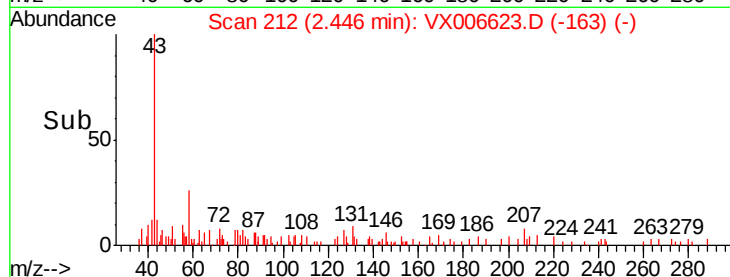
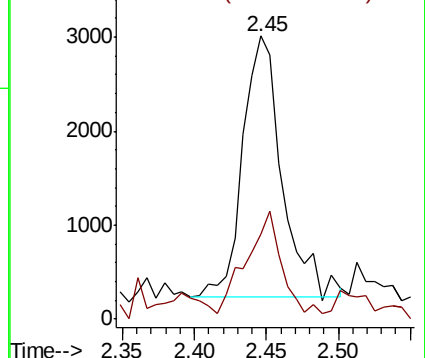
43 100

58 24.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#24

1,1-Dichloroethane

Concen: 13.845 ug/l

RT: 3.70 min Scan# 418

Delta R.T. 0.01 min

Lab File: VX006623.D

Acq: 19 Dec 2018 03:25

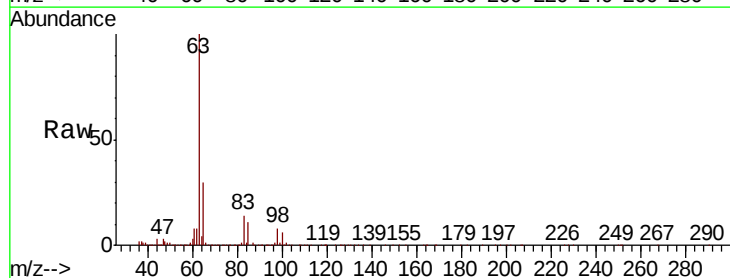
Tgt Ion: 63 Resp: 144523

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

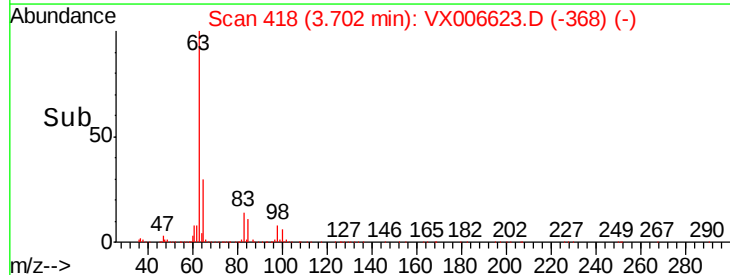
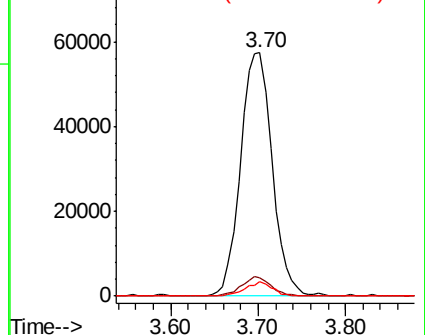
100 5.8 2.5 7.4

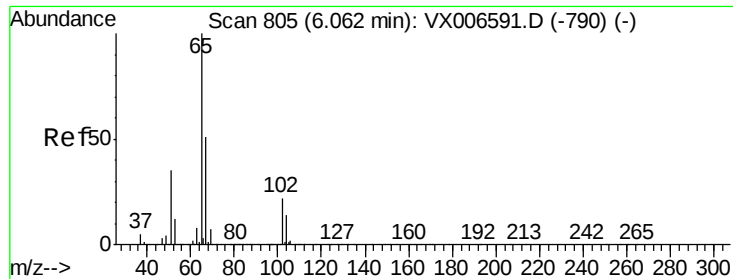


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 51.945 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006623.D

Acq: 19 Dec 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

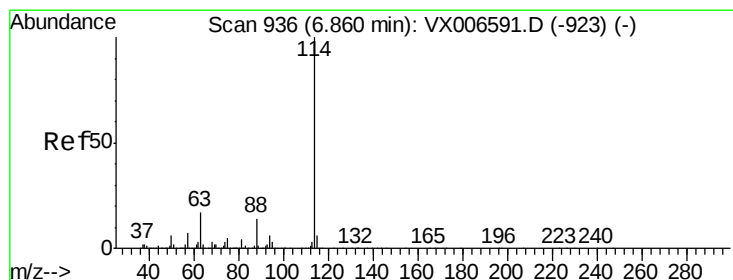
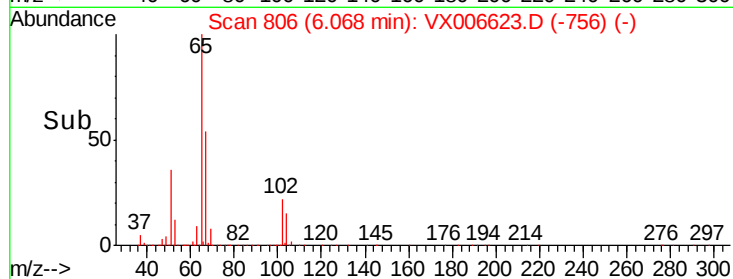
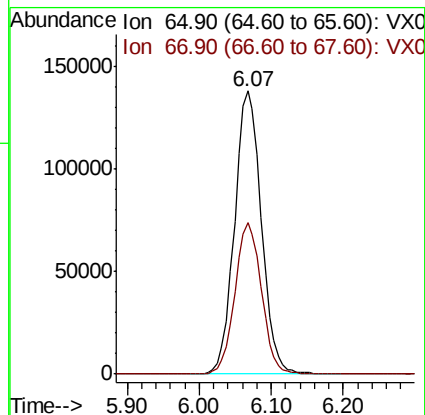
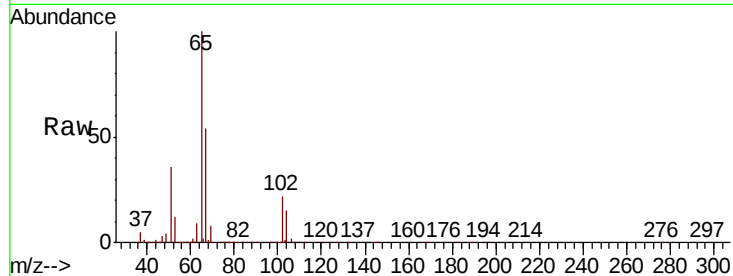
SA.PZ163I-20181208

Tgt Ion: 65 Resp: 355820

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006623.D

Acq: 19 Dec 2018 03:25

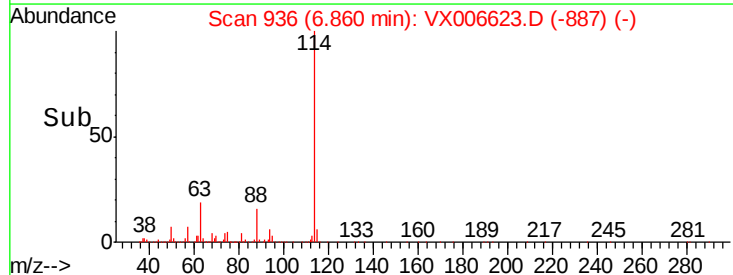
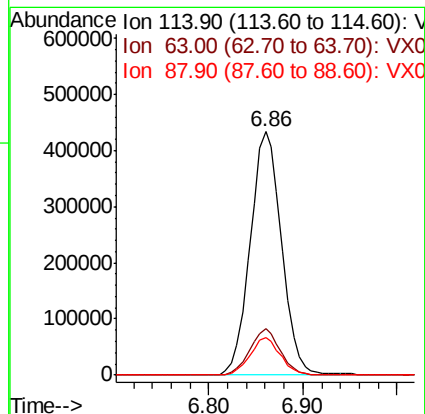
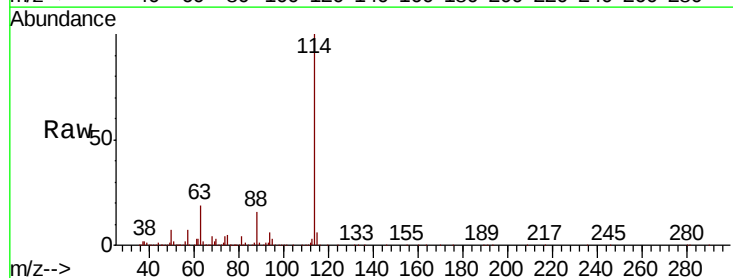
Tgt Ion: 114 Resp: 1014519

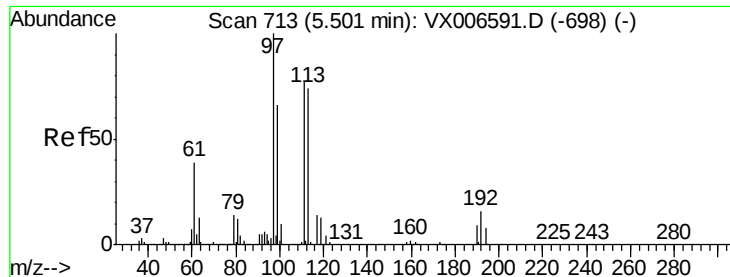
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.6

88 15.7 0.0 29.0

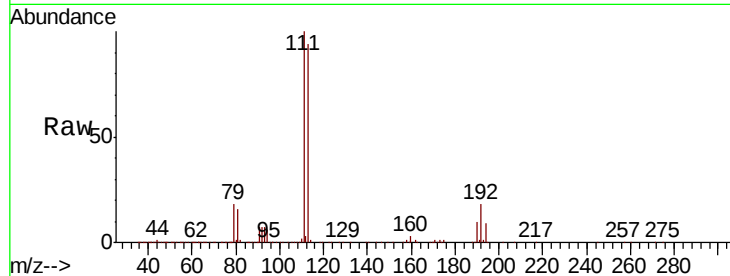




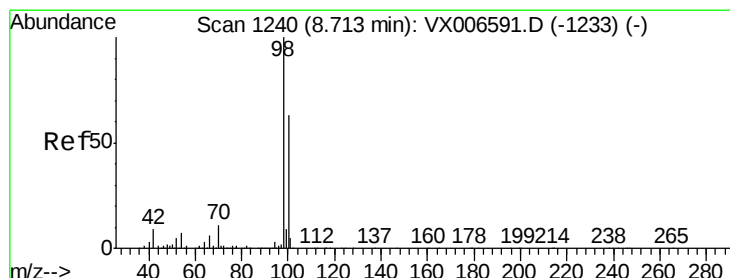
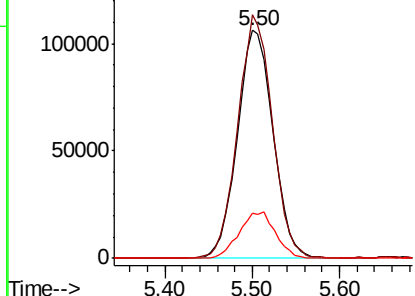
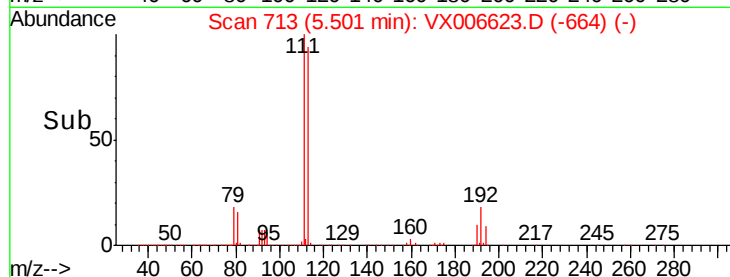
#35
 Dibromofluoromethane
 Concen: 46.956 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX006623.D
 Acq: 19 Dec 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ1631-20181208

Tgt Ion:113 Resp: 301254
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.1 121.7
 192 20.6 18.2 27.2

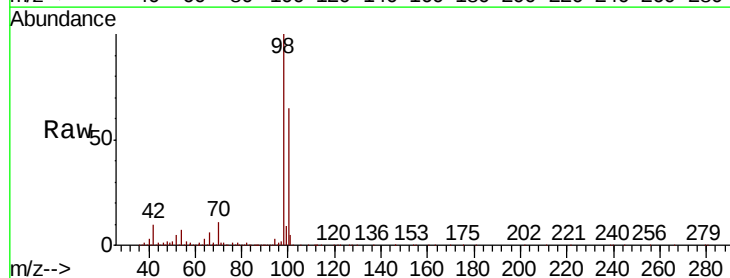


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

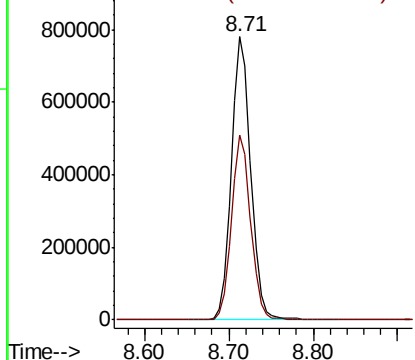
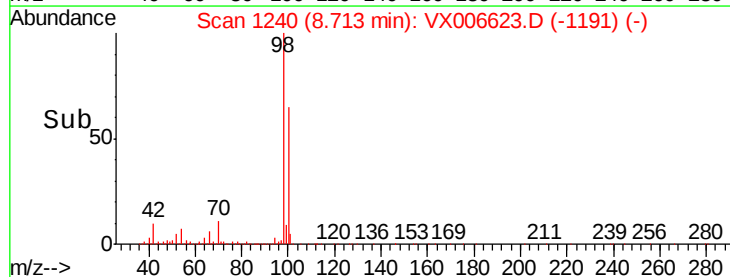


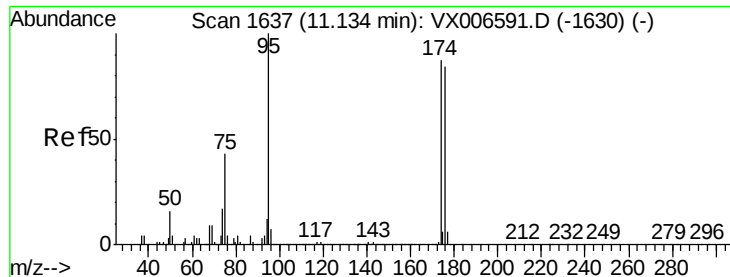
#50
 Toluene-d8
 Concen: 50.200 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX006623.D
 Acq: 19 Dec 2018 03:25

Tgt Ion: 98 Resp: 1214184
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.317 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006623.D

Acq: 19 Dec 2018 03:25

Instrument :

MSVOA_X

ClientSampleId :

SA.PZ1631-20181208

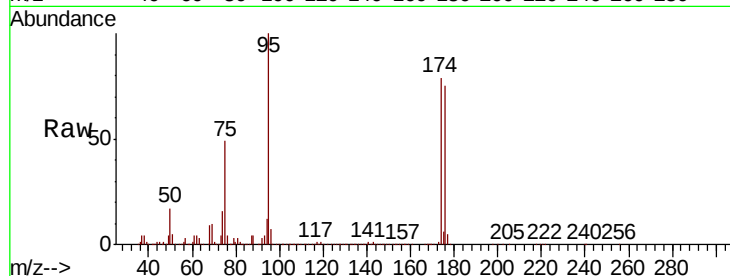
Tgt Ion: 95 Resp: 445726

Ion Ratio Lower Upper

95 100

174 84.3 0.0 187.0

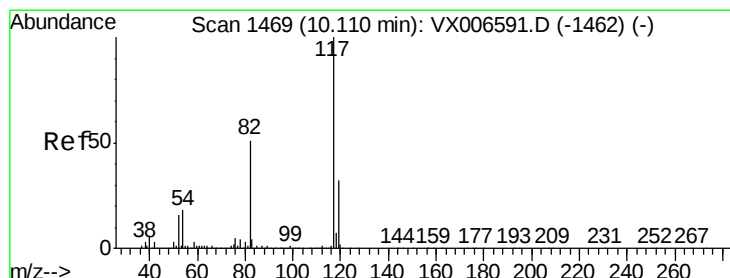
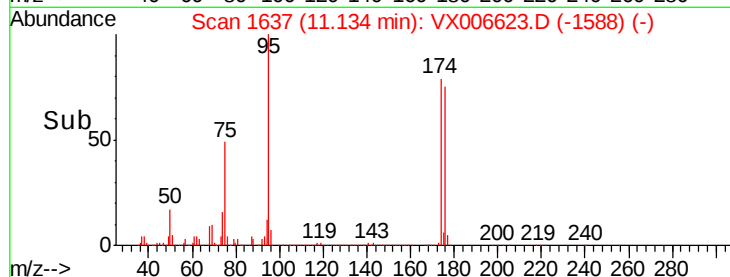
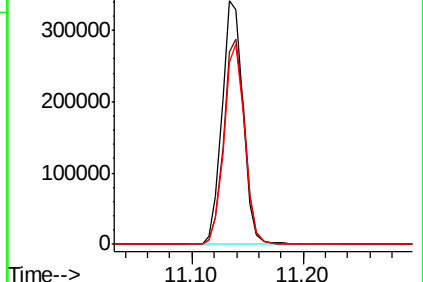
176 80.7 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX006623.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX006623.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX006623.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX006623.D

Acq: 19 Dec 2018 03:25

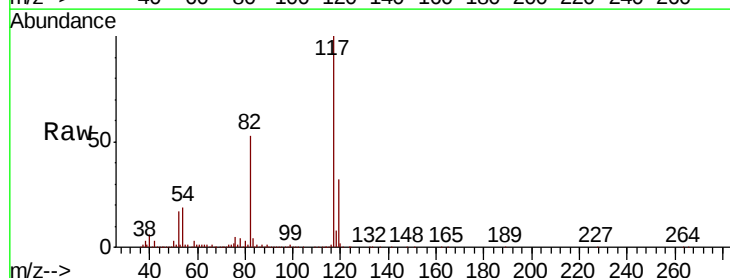
Tgt Ion: 117 Resp: 935163

Ion Ratio Lower Upper

117 100

82 53.1 39.6 59.4

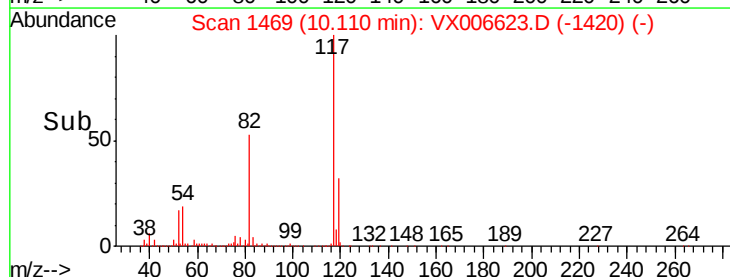
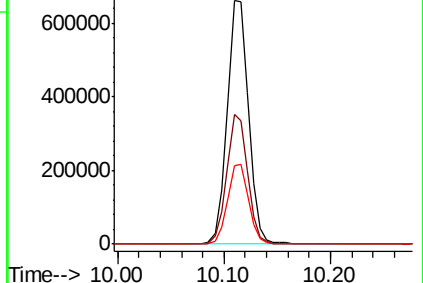
119 32.1 26.3 39.5

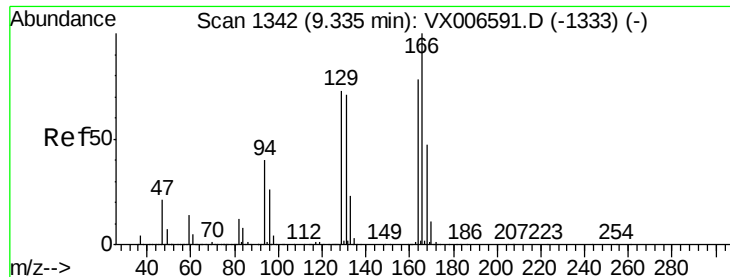


Abundance Ion 116.90 (116.60 to 117.60): VX006623.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX006623.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX006623.D (-1420) (-)

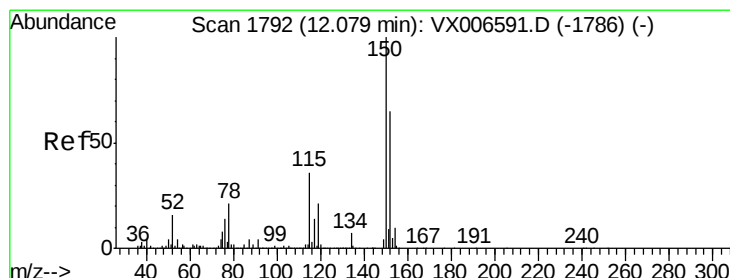
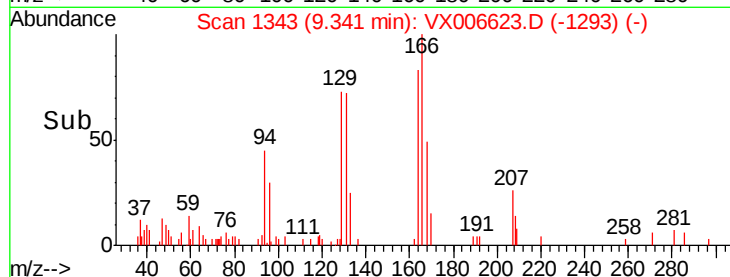
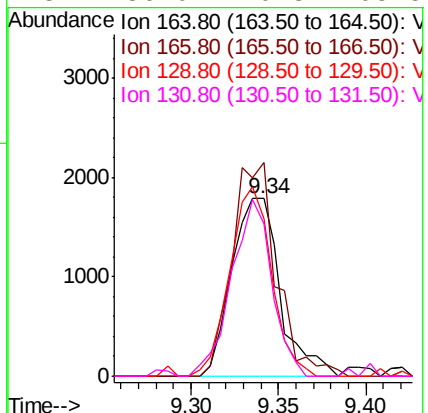
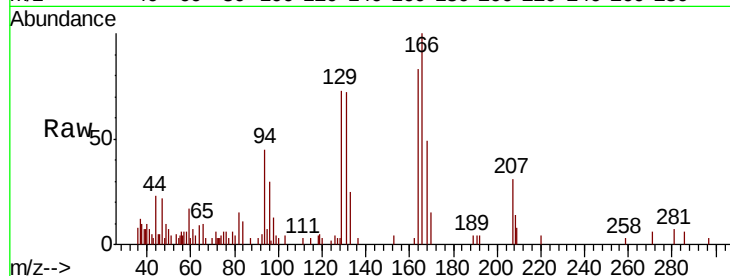




#64
Tetrachloroethene
Concen: 0.467 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

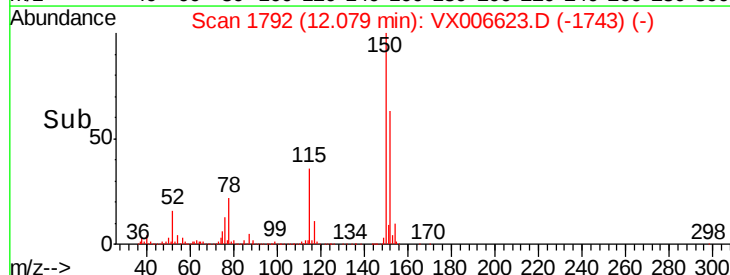
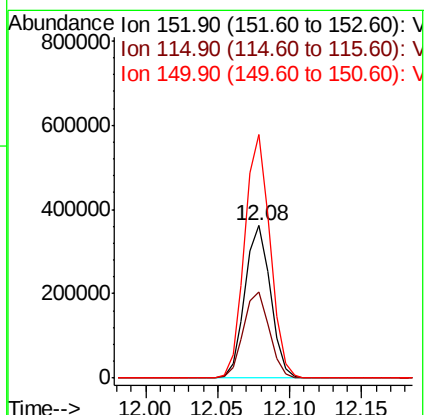
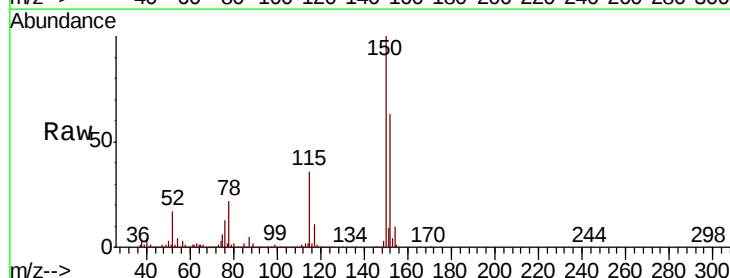
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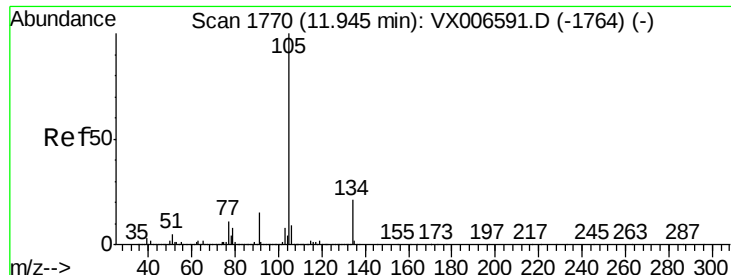
Tgt Ion:164 Resp: 3459
Ion Ratio Lower Upper
164 100
166 120.1 104.2 156.2
129 88.2 72.6 108.8
131 86.0 70.3 105.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006623.D
Acq: 19 Dec 2018 03:25

Tgt Ion:152 Resp: 444824
Ion Ratio Lower Upper
152 100
115 57.3 39.0 116.9
150 159.0 0.0 345.8





#85
 sec-Butylbenzene
 Concen: 0.740 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006623.D
 Acq: 19 Dec 2018 03:25

Instrument :
 MSVOA_X
 ClientSampleId :
 SA.PZ163I-20181208

Tgt Ion:105 Resp: 22761
 Ion Ratio Lower Upper
 105 100
 134 29.3 10.8 32.4

