

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004991.D
 Acq On : 04 Oct 2018 01:08
 Operator : JC/MD
 Sample : PB113446ZHE#17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#17

Quant Time: Oct 04 03:52:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

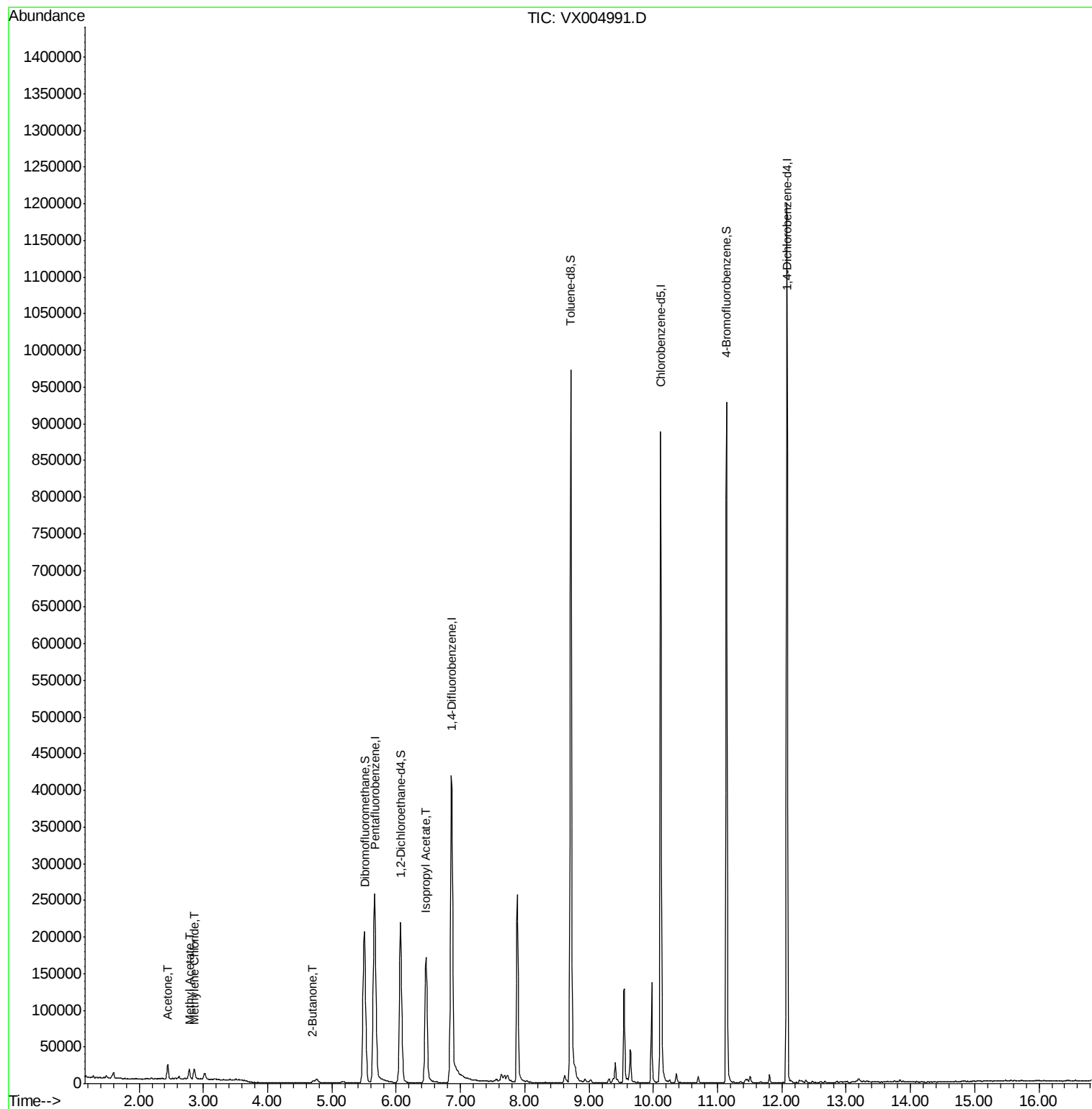
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278754	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	457592	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	444808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	252200	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	211118	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
35) Dibromofluoromethane	5.50	113	185311	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
50) Toluene-d8	8.72	98	650610	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.14	95	239703	51.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.22%	
Target Compounds						
16) Acetone	2.45	43	21490	9.244	ug/l #	88
18) Methyl Acetate	2.78	43	15623	2.652	ug/l	97
20) Methylene Chloride	2.85	84	6185	1.008	ug/l #	83
25) 2-Butanone	4.70	43	5134	1.498	ug/l	96
43) Isopropyl Acetate	6.46	43	239463	23.622	ug/l	95

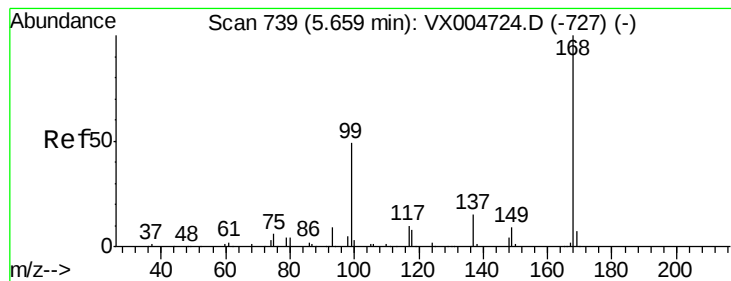
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 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: VX004991.D

Acq: 04 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

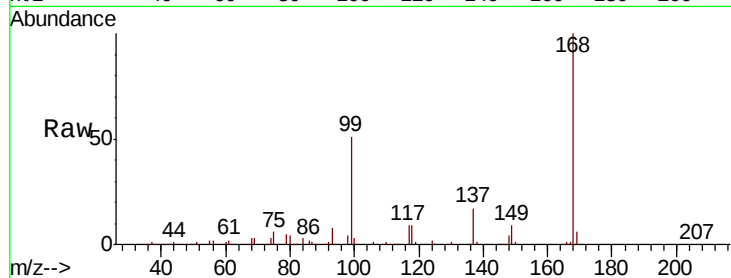
PB113446ZHE#17

Tot Ion:168 Resp: 278754

Ion Ratio Lower Upper

168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

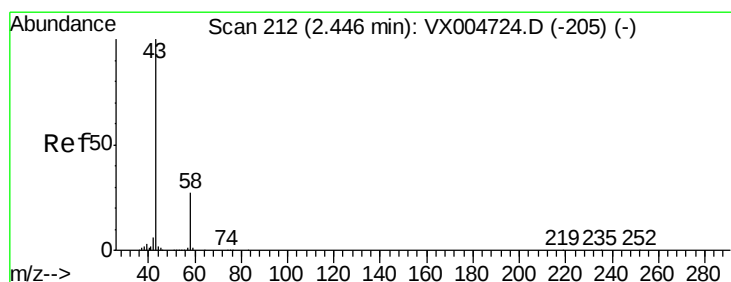
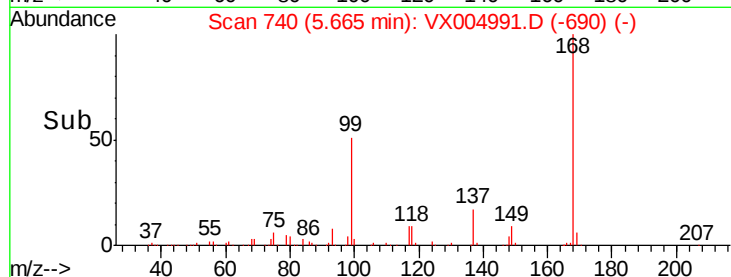
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.244 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004991.D

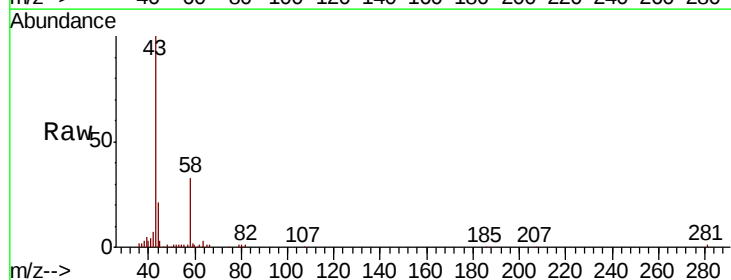
Acq: 04 Oct 2018 01:08

Tgt Ion: 43 Resp: 21490

Ion Ratio Lower Upper

43 100

58 33.5 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

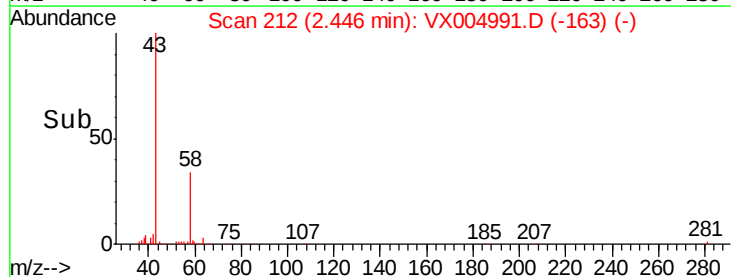
15000

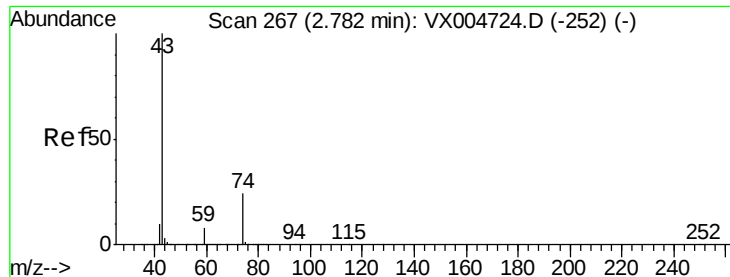
10000

5000

0

Time--> 2.35 2.40 2.45 2.50

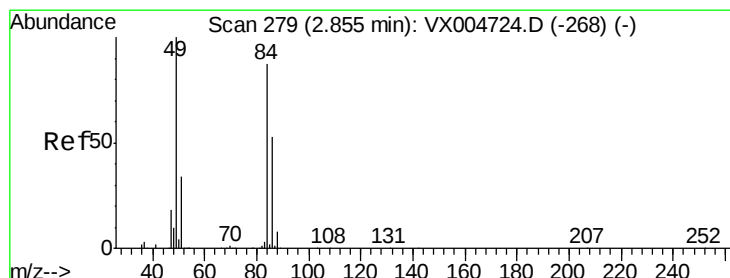
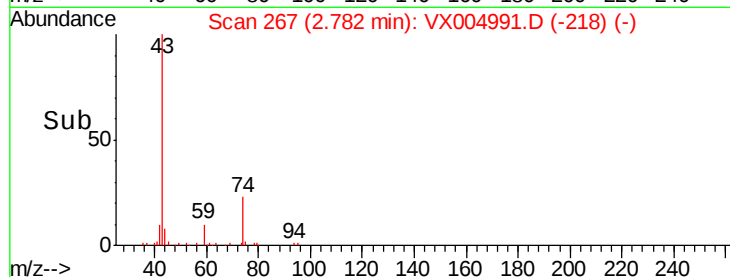
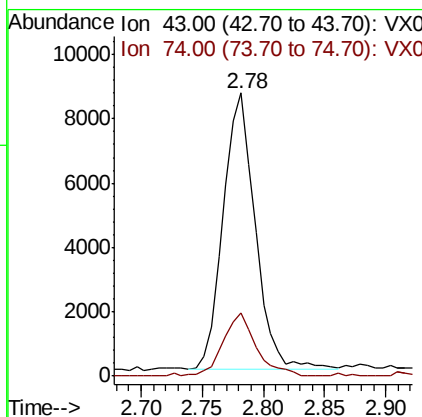
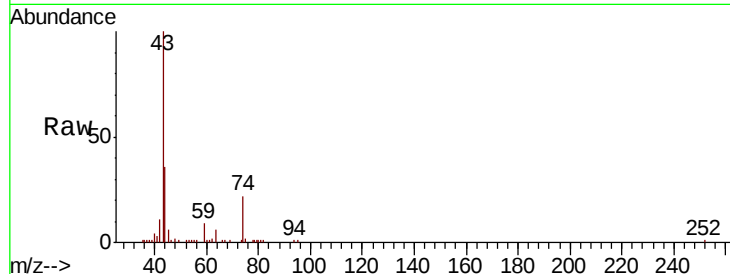




#18
Methvl Acetate
Concen: 2.652 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

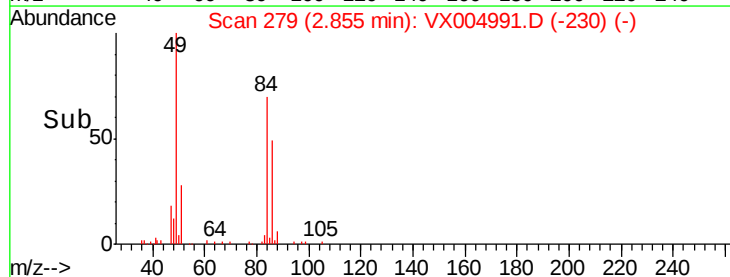
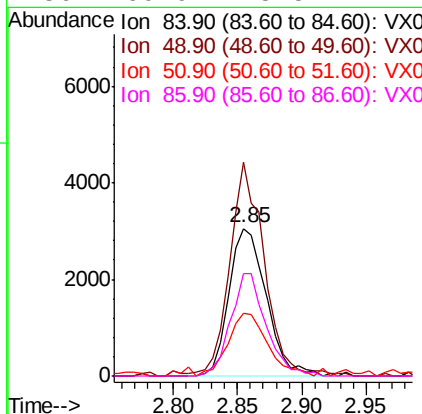
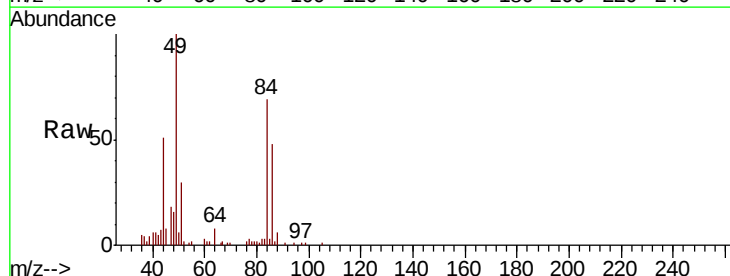
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#17

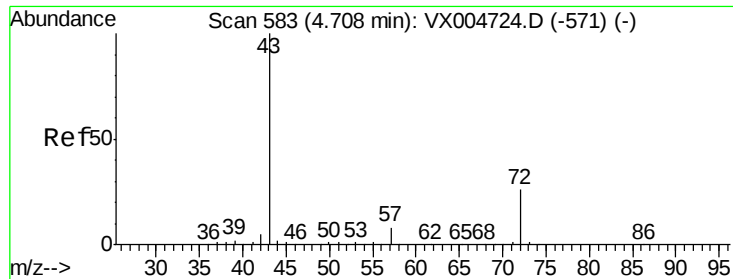
Tot Ion: 43 Resp: 15623
Ion Ratio Lower Upper
43 100
74 23.7 17.8 26.8



#20
Methylene Chloride
Concen: 1.008 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX004991.D
Acq: 04 Oct 2018 01:08

Tgt Ion: 84 Resp: 6185
Ion Ratio Lower Upper
84 100
49 143.1 92.3 138.5#
51 40.6 31.8 47.6
86 69.9 48.5 72.7





#25

2-Butanone

Concen: 1.498 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004991.D

Acq: 04 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

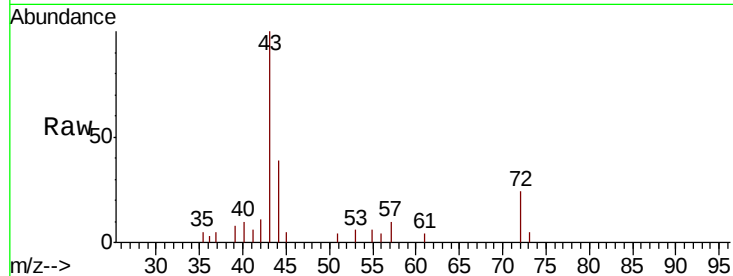
PB113446ZHE#17

Tot Ion: 43 Resp: 5134

Ion Ratio Lower Upper

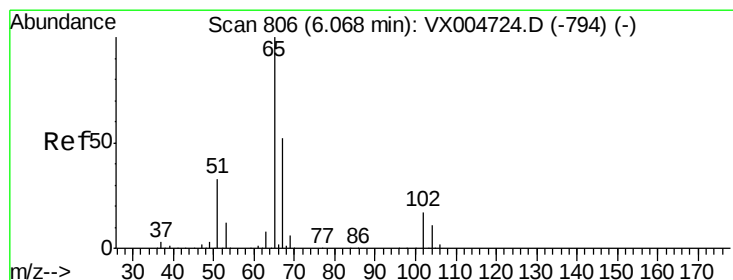
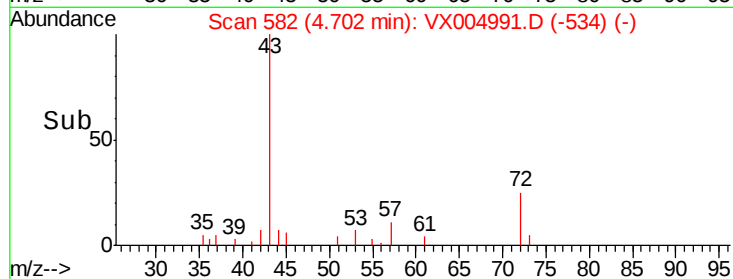
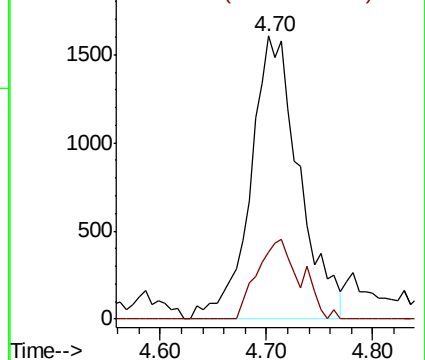
43 100

72 23.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.018 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX004991.D

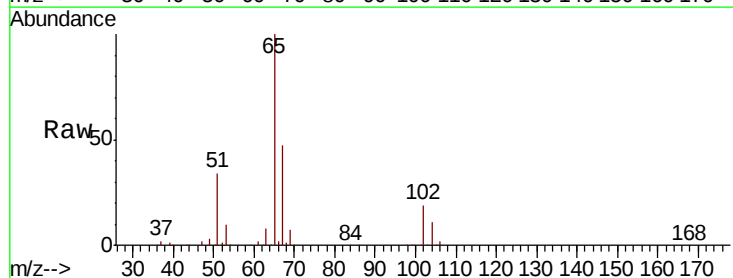
Acq: 04 Oct 2018 01:08

Tgt Ion: 65 Resp: 211118

Ion Ratio Lower Upper

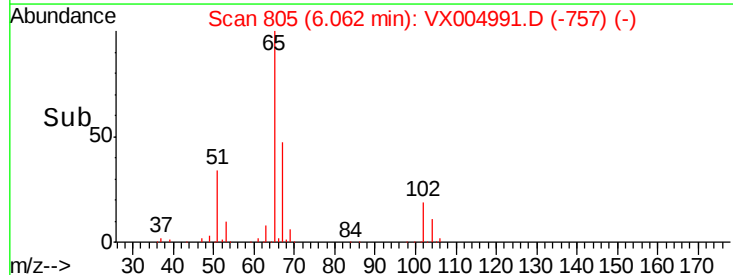
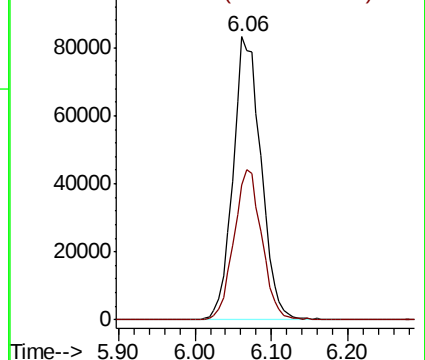
65 100

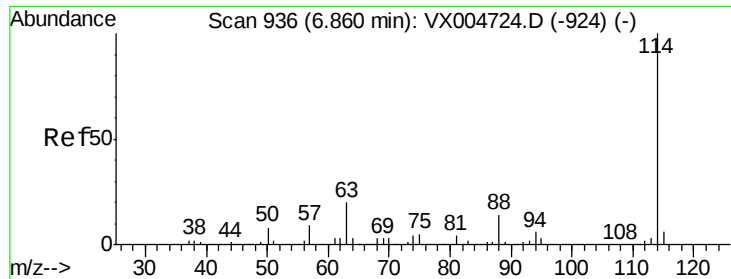
67 52.9 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

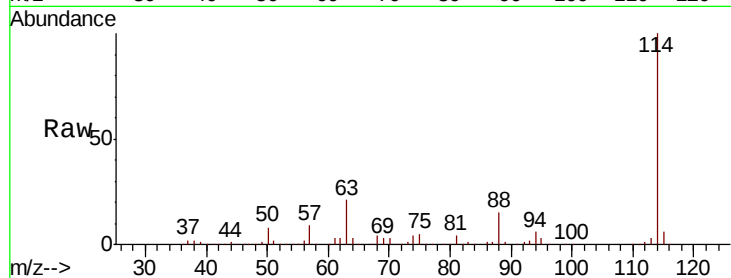




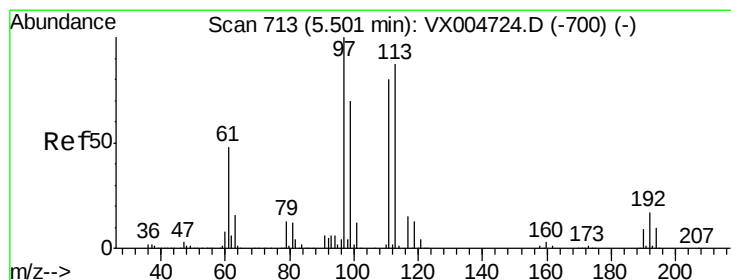
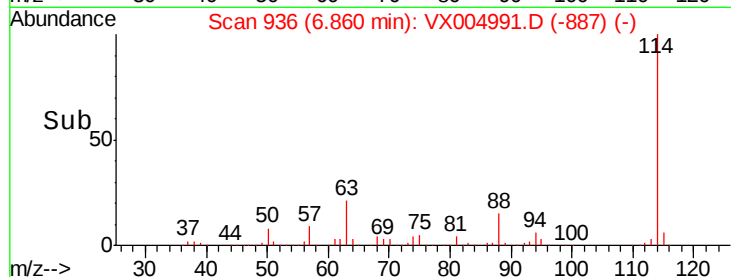
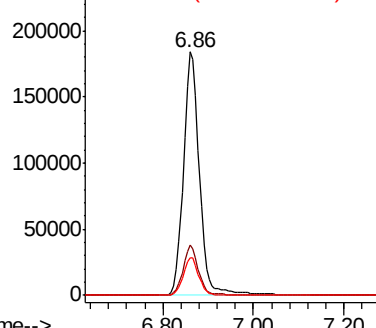
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004991.D
 Acq: 04 Oct 2018 01:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#17

Tot Ion:114 Resp: 457592
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.8
 88 15.4 0.0 27.0

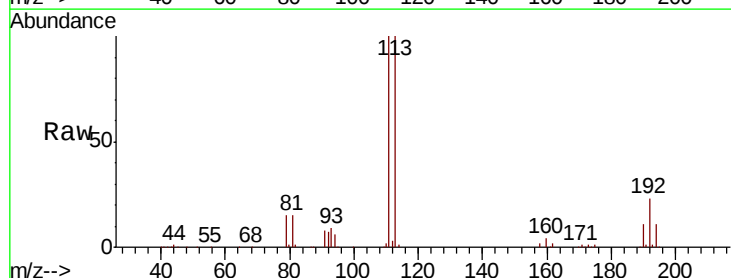


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

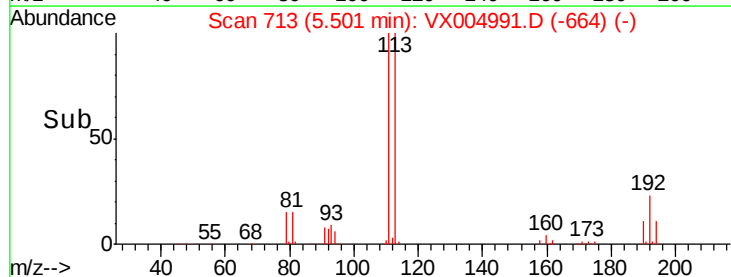
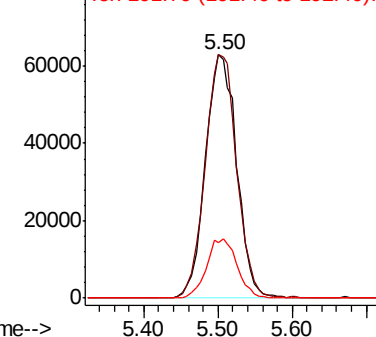


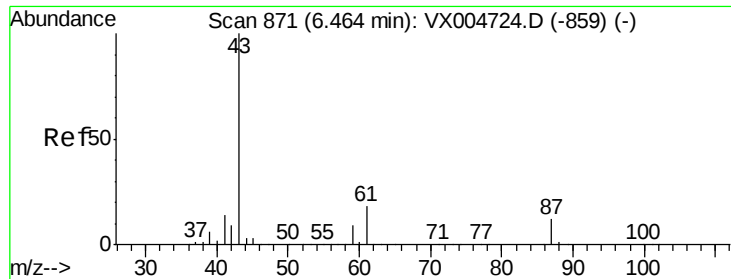
#35
 Dibromofluoromethane
 Concen: 47.783 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004991.D
 Acq: 04 Oct 2018 01:08

Tgt Ion:113 Resp: 185311
 Ion Ratio Lower Upper
 113 100
 111 100.4 77.0 115.4
 192 23.8 17.0 25.6



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





#43

Isopropyl Acetate

Concen: 23.622 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004991.D

Acq: 04 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#17

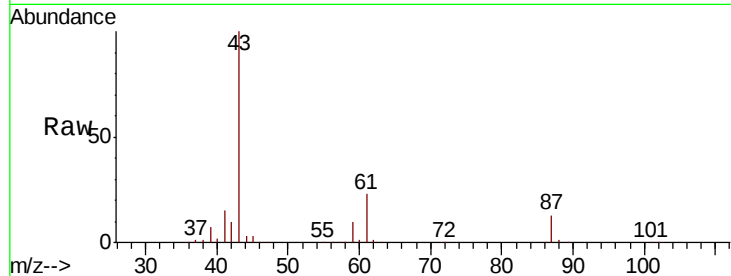
Tot Ion: 43 Resp: 239463

Ion Ratio Lower Upper

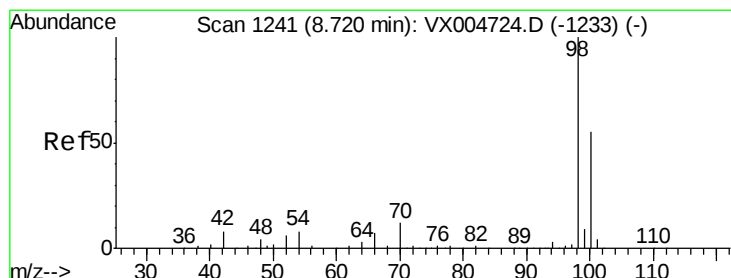
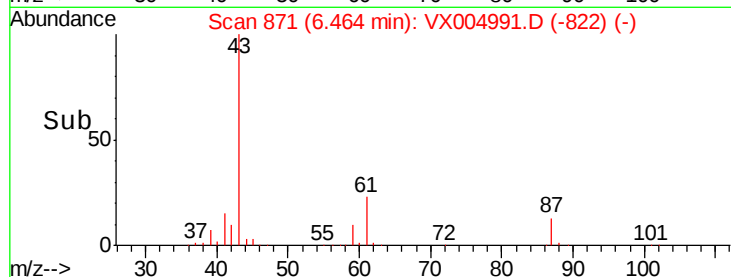
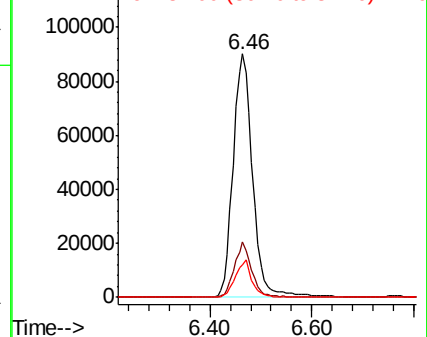
43 100

61 20.1 14.2 21.4

87 13.3 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 50.463 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004991.D

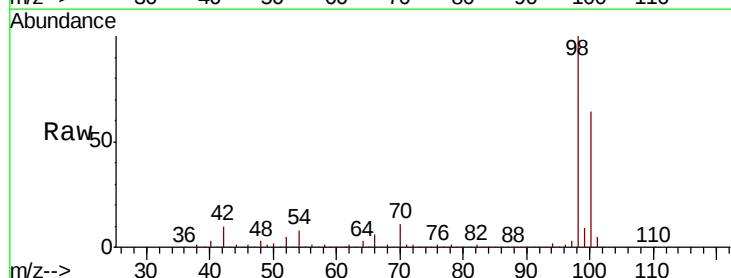
Acq: 04 Oct 2018 01:08

Tgt Ion: 98 Resp: 650610

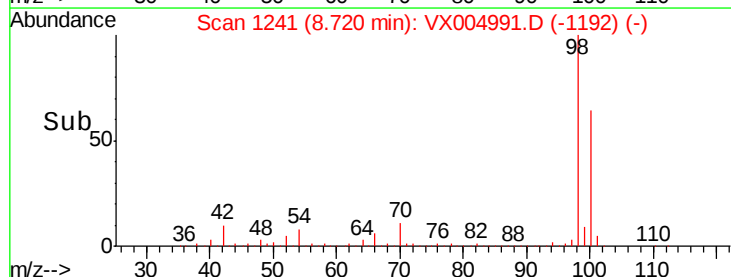
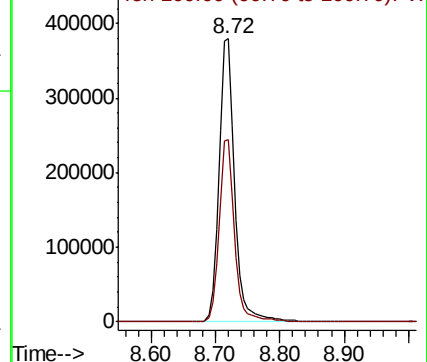
Ion Ratio Lower Upper

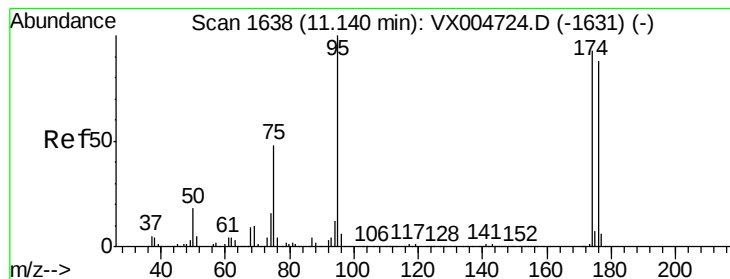
98 100

100 63.6 51.9 77.9



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





#62

4-Bromofluorobenzene

Concen: 51.607 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004991.D

Acq: 04 Oct 2018 01:08

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#17

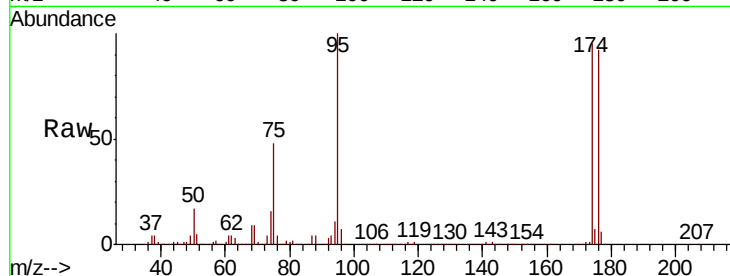
Tot Ion: 95 Resp: 239703

Ion Ratio Lower Upper

95 100

174 93.0 0.0 185.0

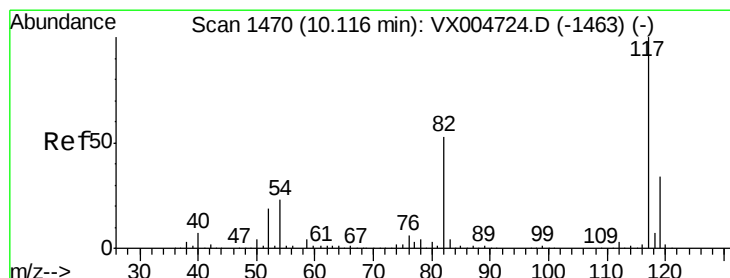
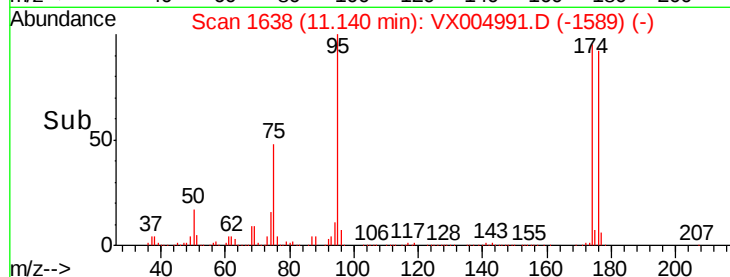
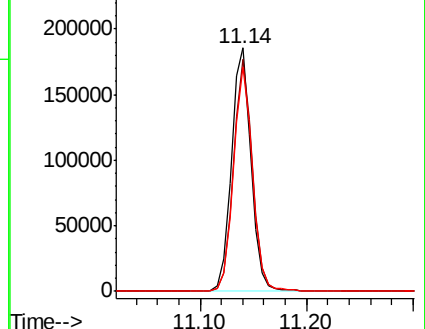
176 89.8 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX004724.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004724.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004724.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004991.D

Acq: 04 Oct 2018 01:08

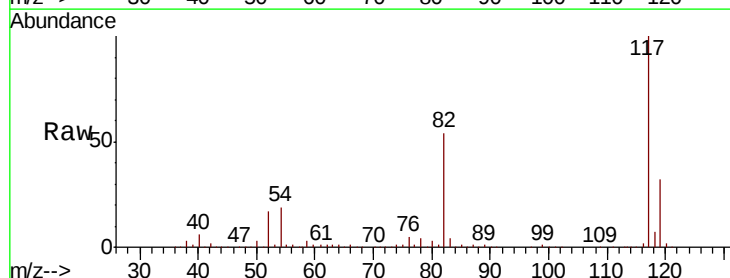
Tgt Ion: 117 Resp: 444808

Ion Ratio Lower Upper

117 100

82 53.9 42.2 63.4

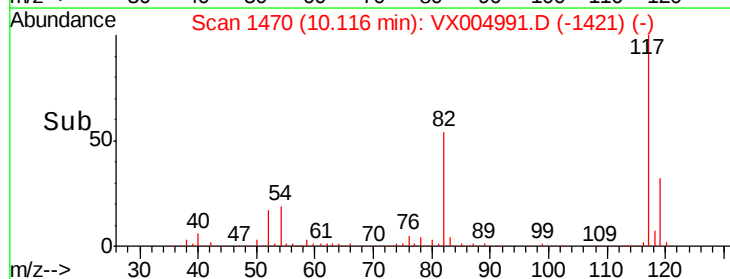
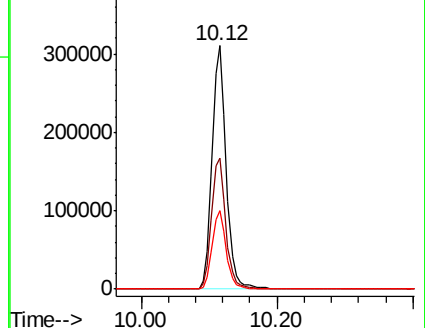
119 32.0 27.4 41.0

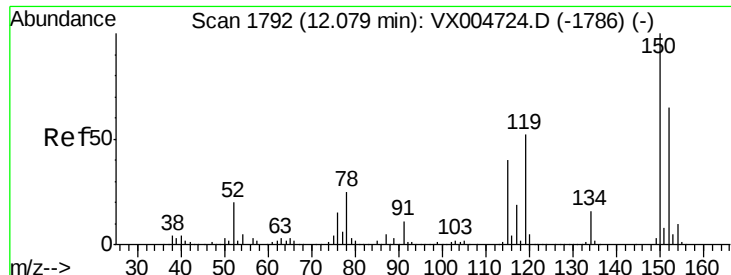


Abundance Ion 116.90 (116.60 to 117.60): VX004724.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004724.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004724.D (-1463) (-)





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX004991.D
 Acq: 04 Oct 2018 01:08

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#17

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.5	40.2	120.6
150	155.9	0.0	351.0

