

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004983.D
 Acq On : 03 Oct 2018 21:34
 Operator : JC/MD
 Sample : PB113446ZHE#09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113446ZHE#09

Quant Time: Oct 04 03:20:37 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

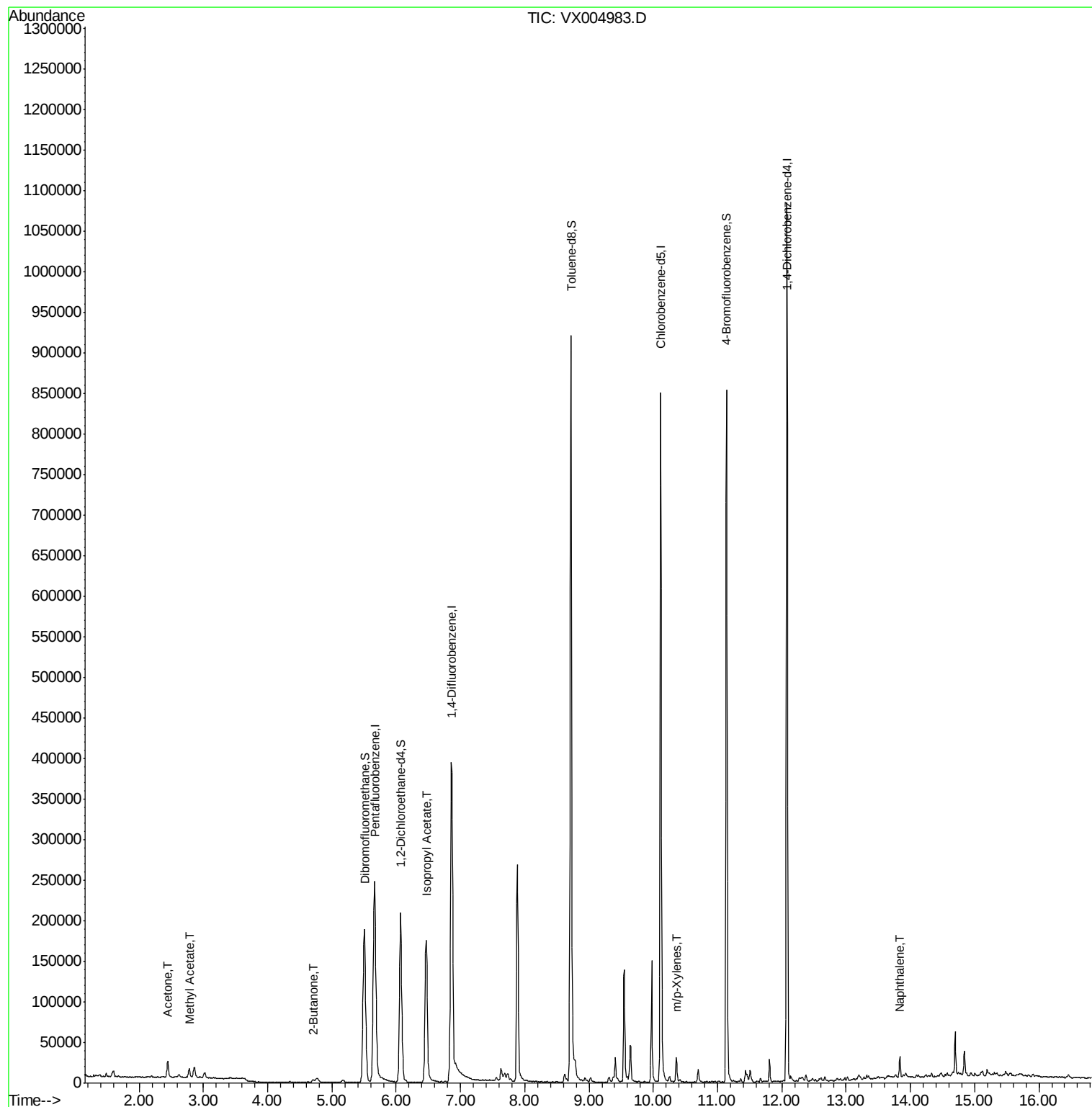
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	273900	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	437173	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	414915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226630	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	190407	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
35) Dibromofluoromethane	5.51	113	163615	44.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.32%	
50) Toluene-d8	8.72	98	612700	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	11.14	95	221903	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
Target Compounds						
16) Acetone	2.45	43	21718	9.508	ug/l #	83
18) Methyl Acetate	2.78	43	13866	2.396	ug/l	99
25) 2-Butanone	4.71	43	5584	1.658	ug/l	94
43) Isopropyl Acetate	6.47	43	250473	25.862	ug/l	96
68) m/p-Xylenes	10.36	106	7369	1.116	ug/l	95
95) Naphthalene	13.83	128	15783	1.545	ug/l	99

(#) = 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: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

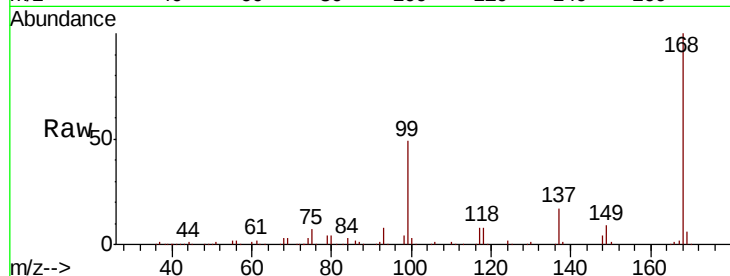
PB113446ZHE#09

Tot Ion:168 Resp: 273900

Ion Ratio Lower Upper

168 100

99 48.6 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

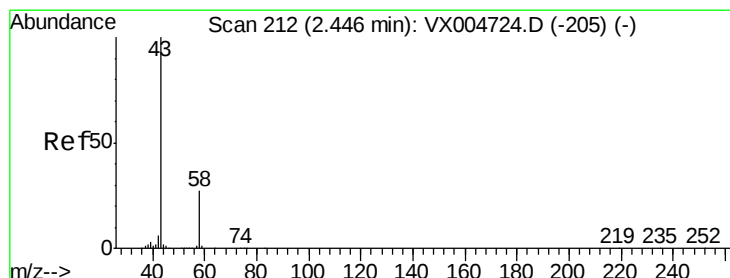
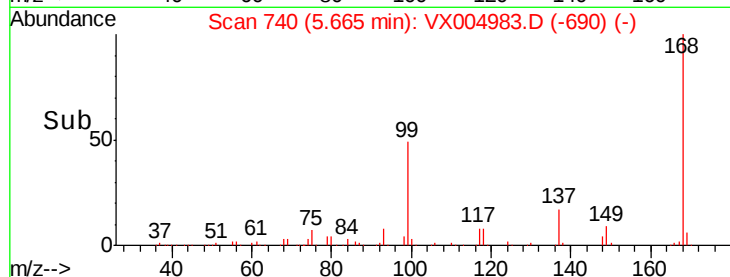
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.508 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004983.D

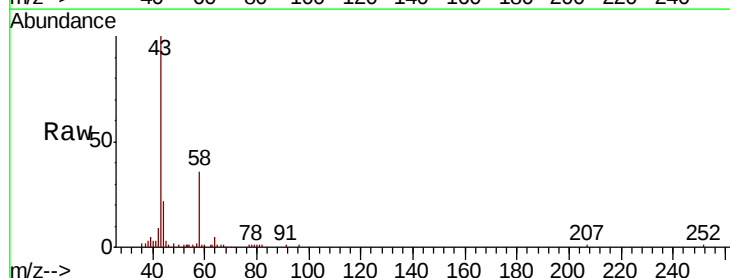
Acq: 03 Oct 2018 21:34

Tgt Ion: 43 Resp: 21718

Ion Ratio Lower Upper

43 100

58 36.3 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

15000

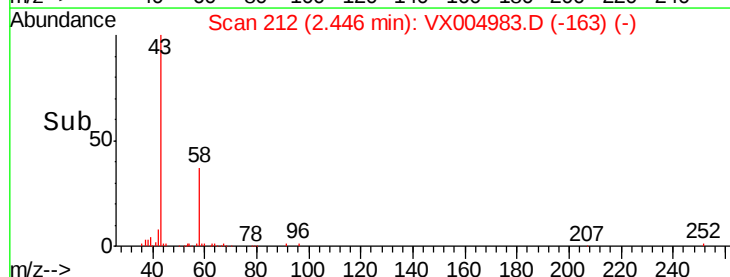
10000

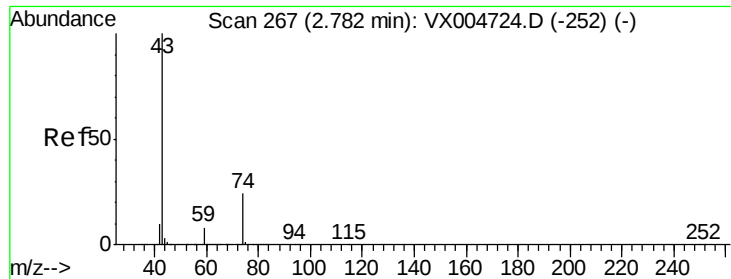
5000

0

Time-->

2.35 2.40 2.45 2.50

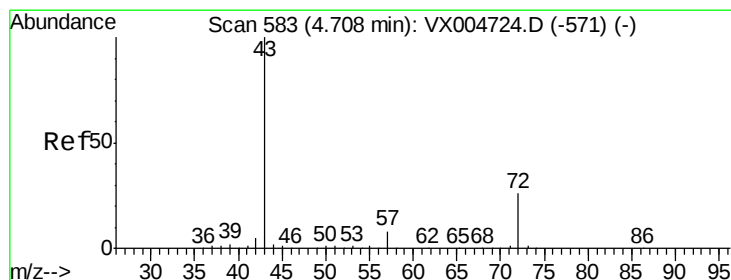
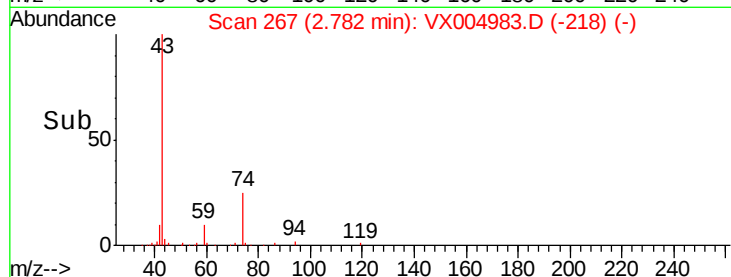
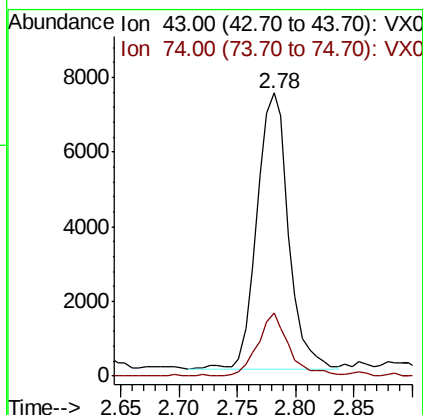
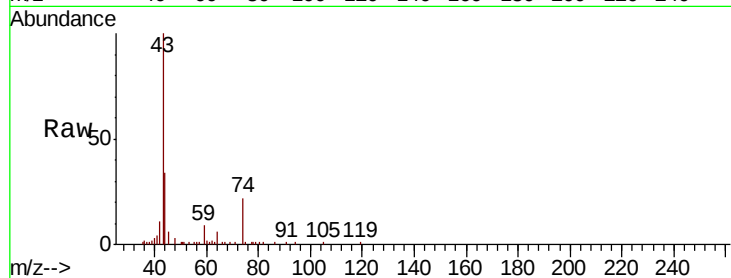




#18
Methvl Acetate
Concen: 2.396 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX004983.D
Acq: 03 Oct 2018 21:34

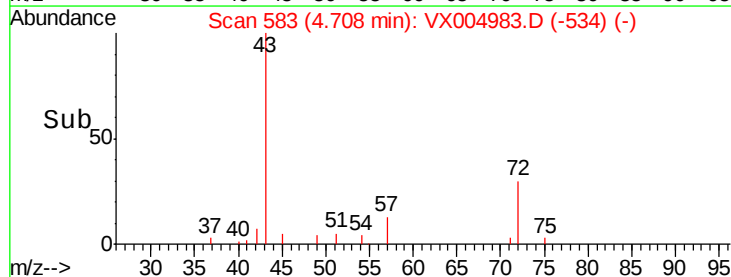
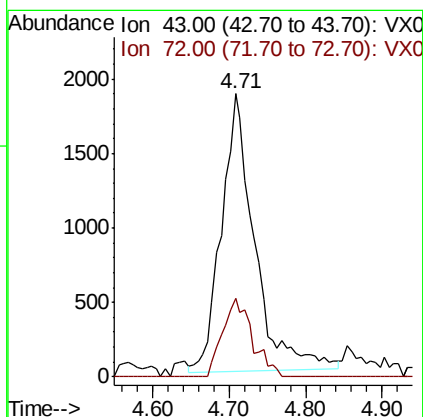
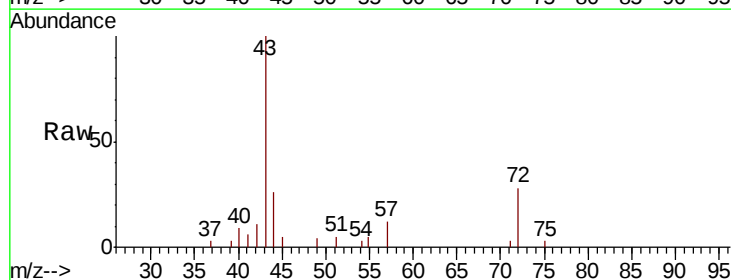
Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#09

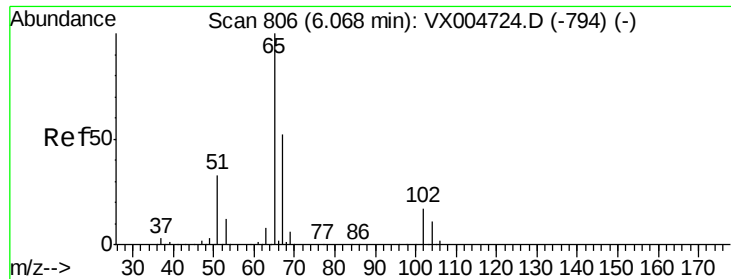
Tot Ion: 43 Resp: 13866
Ion Ratio Lower Upper
43 100
74 22.8 17.8 26.8



#25
2-Butanone
Concen: 1.658 ug/l
RT: 4.71 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX004983.D
Acq: 03 Oct 2018 21:34

Tgt Ion: 43 Resp: 5584
Ion Ratio Lower Upper
43 100
72 29.0 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 48.664 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

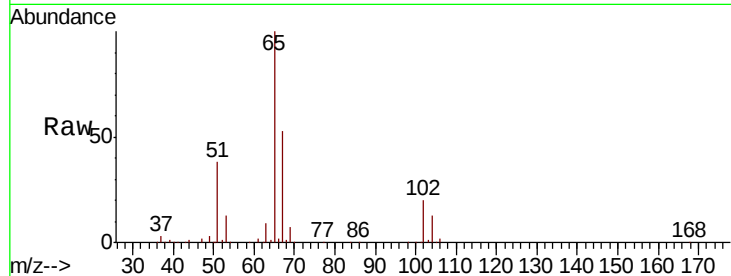
PB113446ZHE#09

Tot Ion: 65 Resp: 190407

Ion Ratio Lower Upper

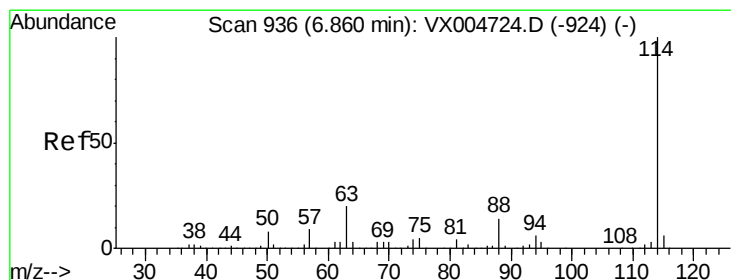
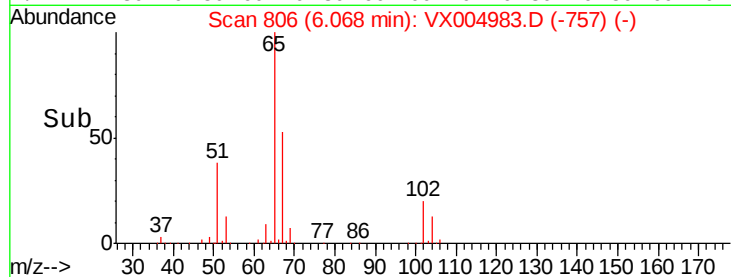
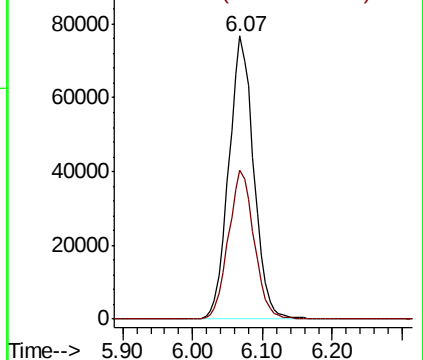
65 100

67 54.0 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: VX004983.D

Acq: 03 Oct 2018 21:34

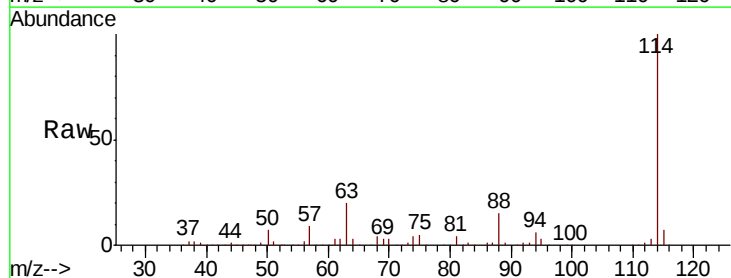
Tgt Ion: 114 Resp: 437173

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

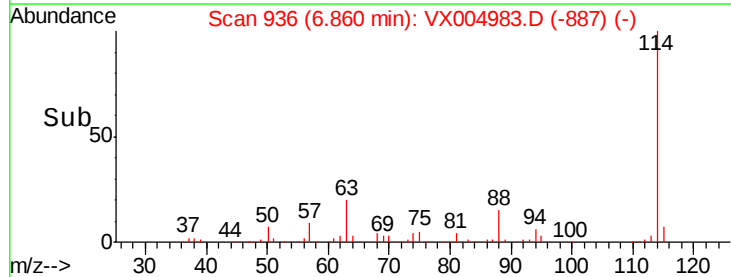
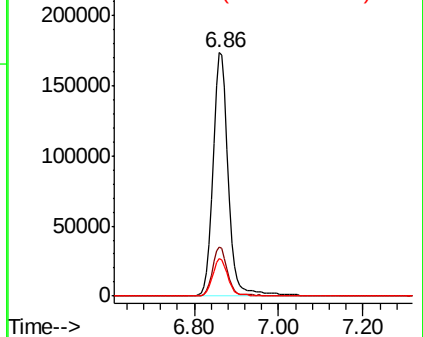
88 15.4 0.0 27.0

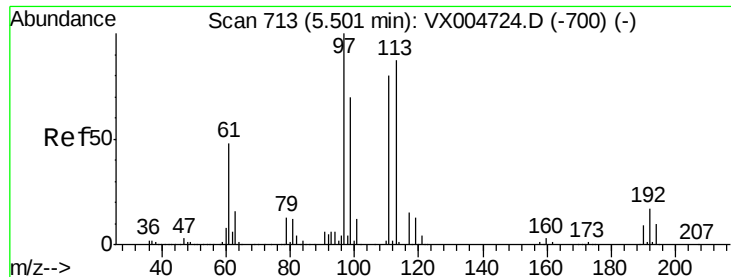


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 44.159 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#09

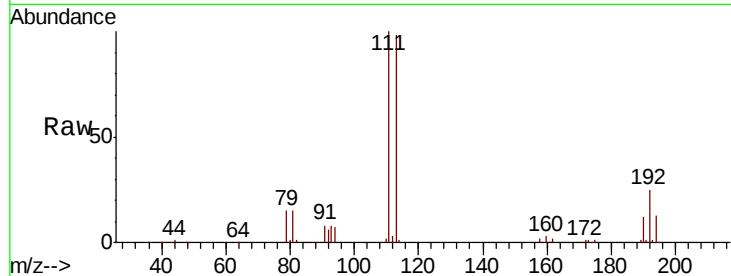
Tot Ion:113 Resp: 163615

Ion Ratio Lower Upper

113 100

111 101.6 77.0 115.4

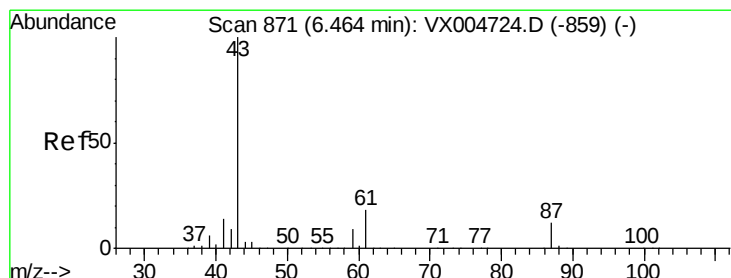
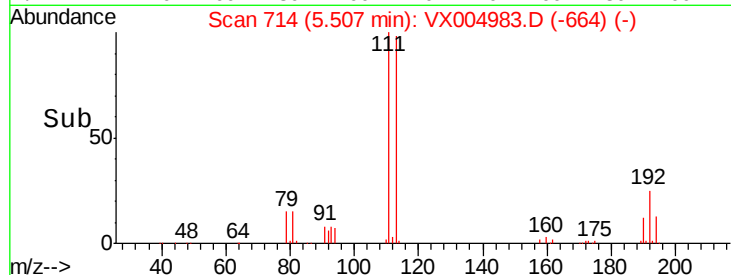
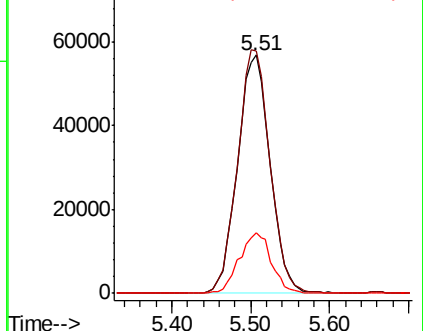
192 24.9 17.0 25.6



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: 25.862 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

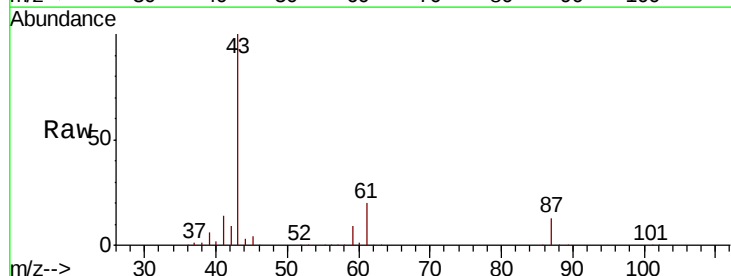
Tgt Ion: 43 Resp: 250473

Ion Ratio Lower Upper

43 100

61 20.0 14.2 21.4

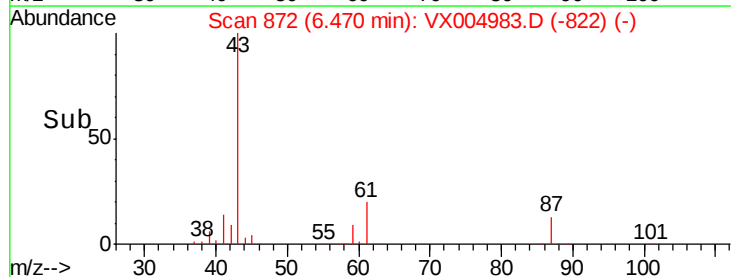
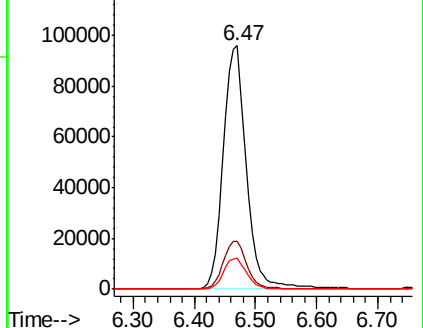
87 12.7 9.3 13.9

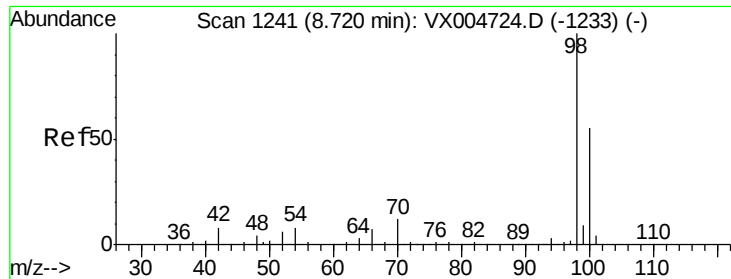


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.742 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

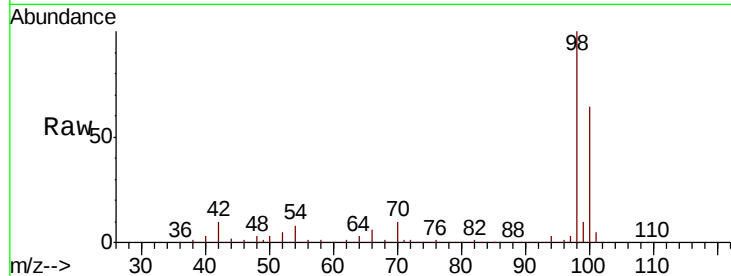
PB113446ZHE#09

Tot Ion: 98 Resp: 612700

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

400000

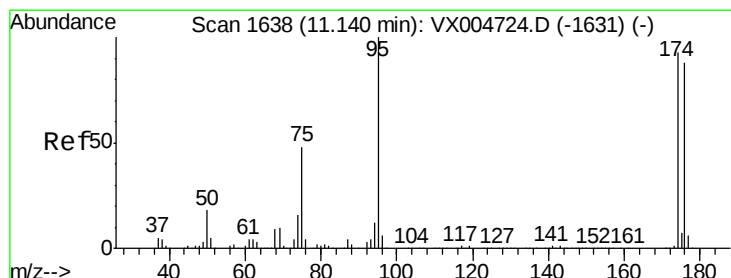
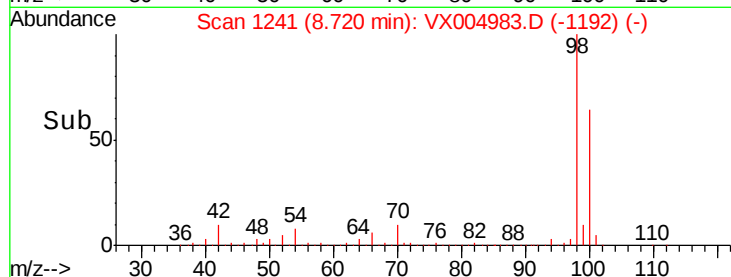
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.007 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

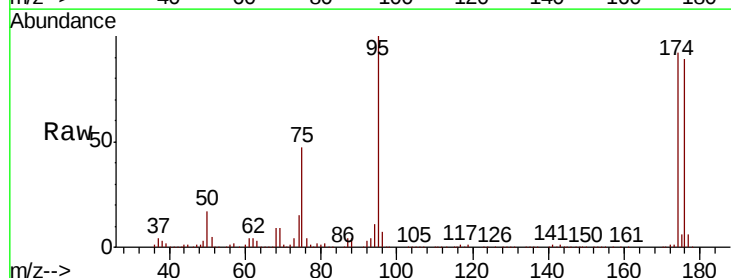
Tgt Ion: 95 Resp: 221903

Ion Ratio Lower Upper

95 100

174 91.7 0.0 185.0

176 88.4 0.0 180.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

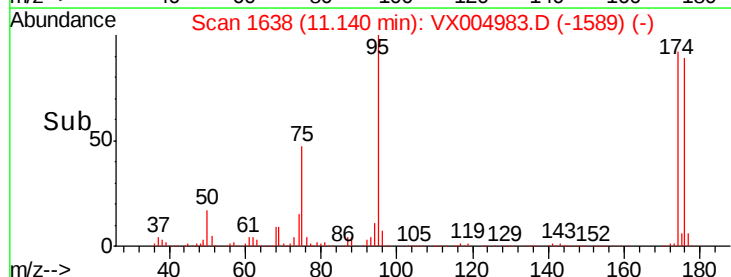
150000

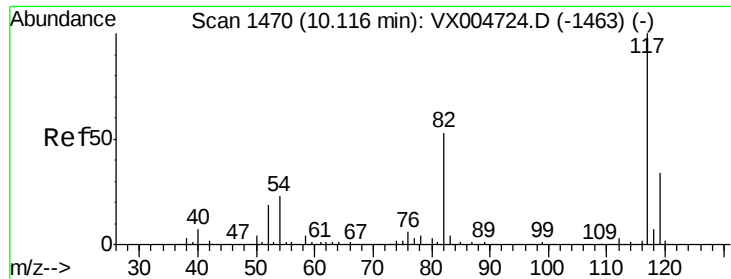
100000

50000

0

Time-->

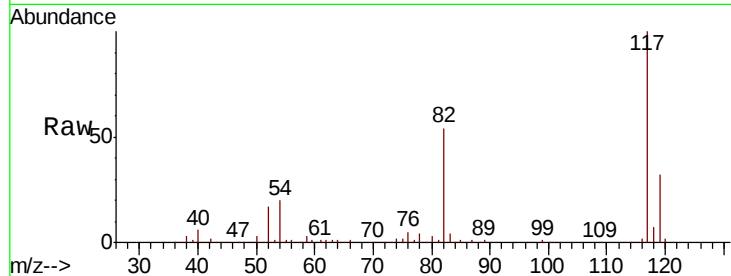




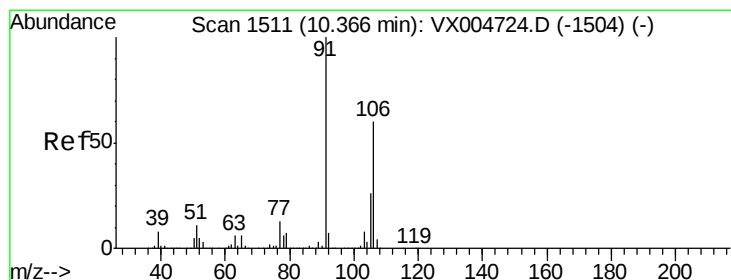
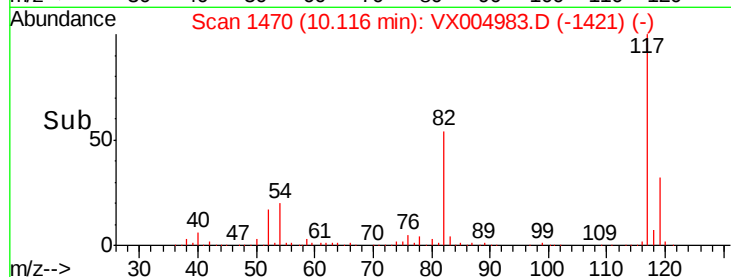
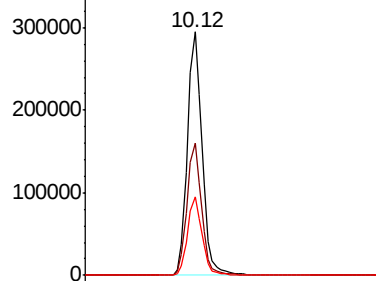
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004983.D
Acq: 03 Oct 2018 21:34

Instrument :
MSVOA_X
ClientSampleId :
PB113446ZHE#09

Tot Ion:117 Resp: 414915
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.4
119 32.0 27.4 41.0

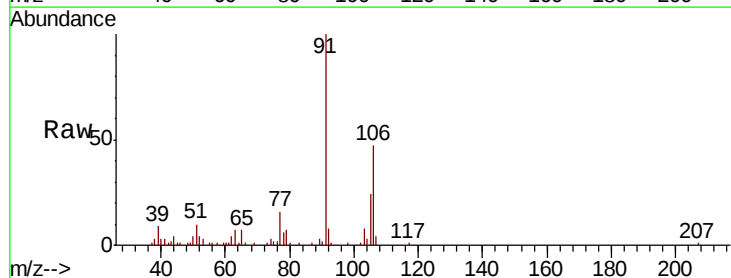


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

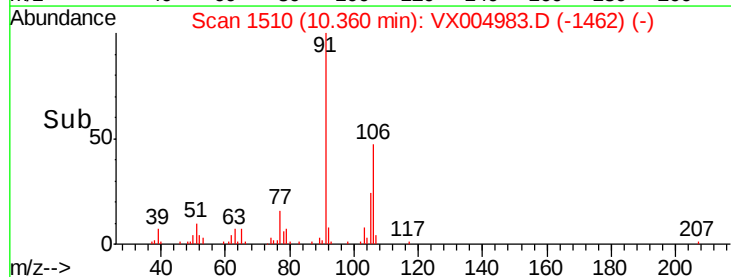
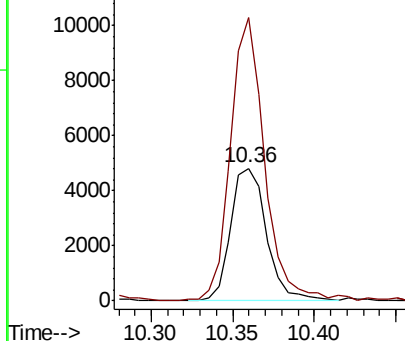


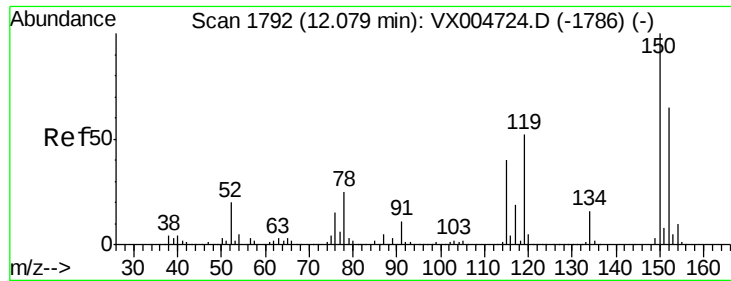
#68
m/p-Xylenes
Concen: 1.116 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004983.D
Acq: 03 Oct 2018 21:34

Tgt Ion:106 Resp: 7369
Ion Ratio Lower Upper
106 100
91 204.1 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

Instrument :

MSVOA_X

ClientSampleId :

PB113446ZHE#09

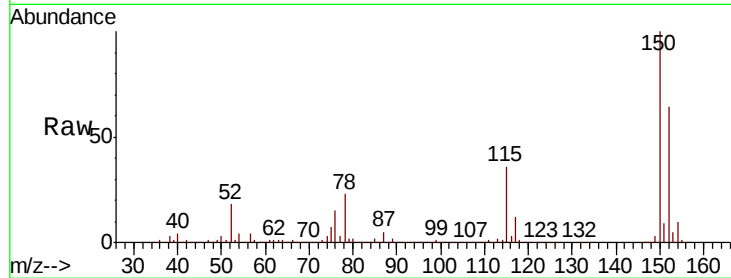
Tot Ion:152 Resp: 226630

Ion Ratio Lower Upper

152 100

115 55.3 40.2 120.6

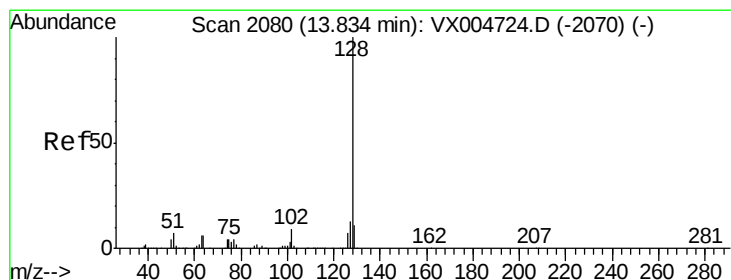
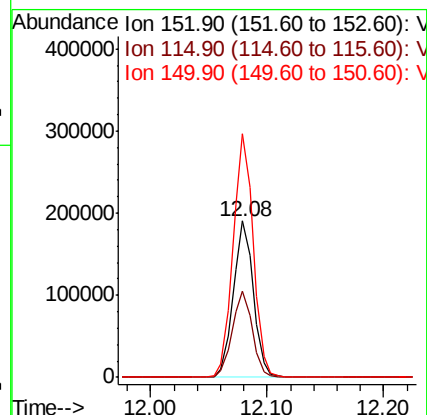
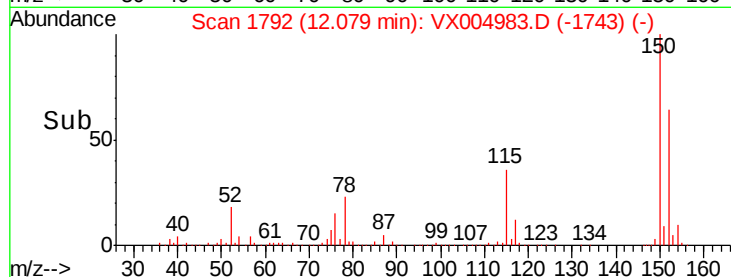
150 157.3 0.0 351.0



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



#95

Naphthalene

Concen: 1.545 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004983.D

Acq: 03 Oct 2018 21:34

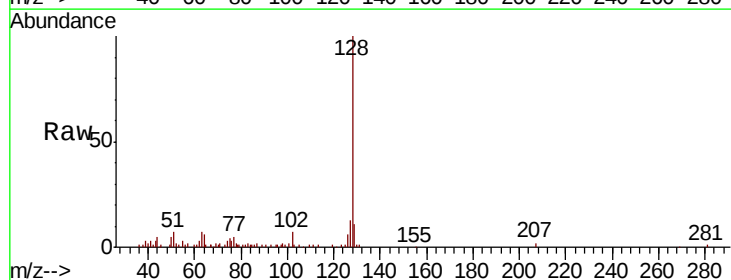
Tgt Ion:128 Resp: 15783

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

