

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102918\
 Data File : VX005681.D
 Acq On : 30 Oct 2018 01:23
 Operator : JC/MD
 Sample : PB114242ZHE#01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114242ZHE#01

Quant Time: Oct 30 05:10:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

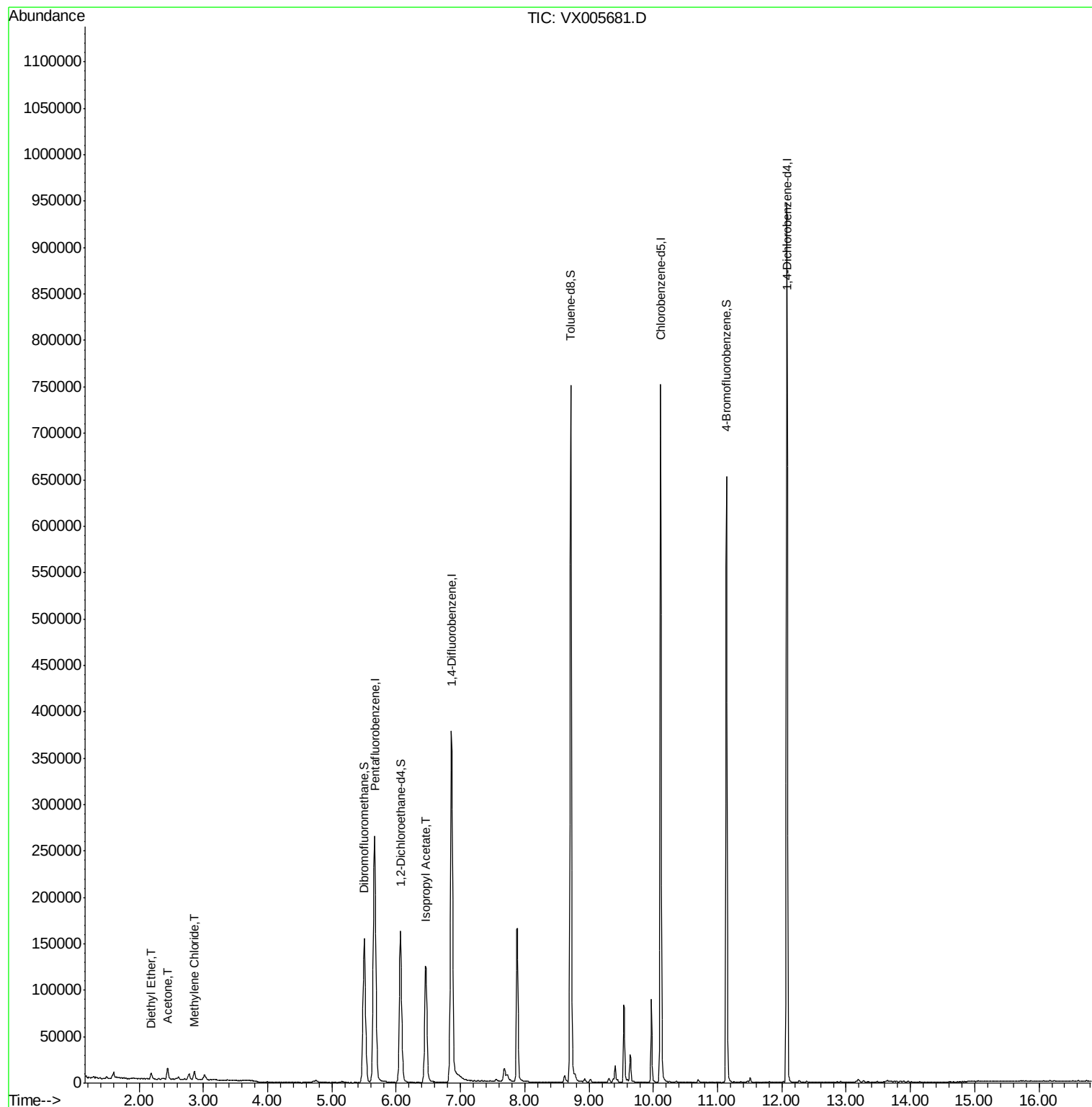
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	277802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	388146	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	155259	45.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.56%	
35) Dibromofluoromethane	5.50	113	127993	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
50) Toluene-d8	8.71	98	464861	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.14	95	161925	45.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.80%	
Target Compounds						
8) Diethyl Ether	2.19	74	2429	1.276	ug/l	98
16) Acetone	2.45	43	13079	7.299	ug/l	99
20) Methylene Chloride	2.86	84	3869	1.289	ug/l	94
43) Isopropyl Acetate	6.45	43	177583	24.654	ug/l	99

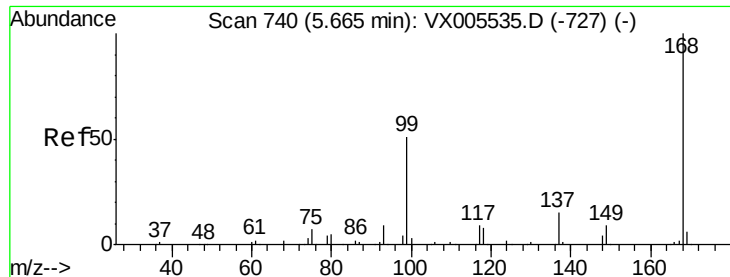
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 30 05:10:14 2018
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Quant Title : SW846 8260
QLast Update : Thu Oct 25 02:52:45 2018
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: VX005681.D

Acq: 30 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

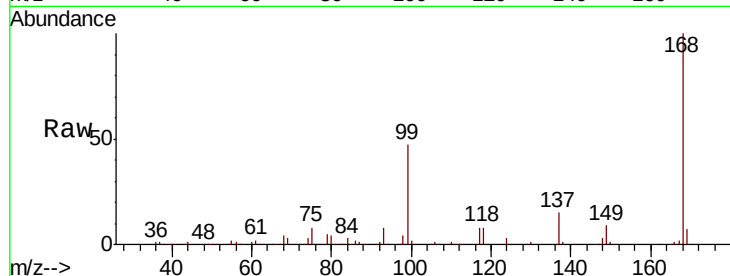
PB114242ZHE#01

Tot Ion:168 Resp: 277802

Ion Ratio Lower Upper

168 100

99 47.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

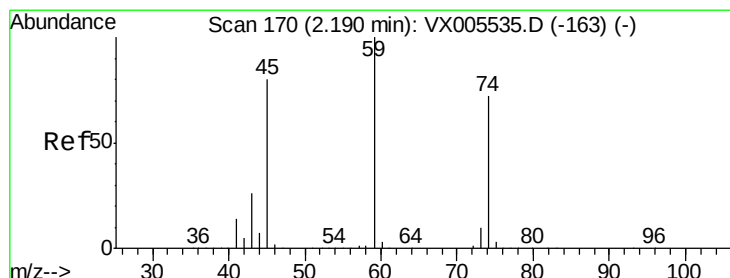
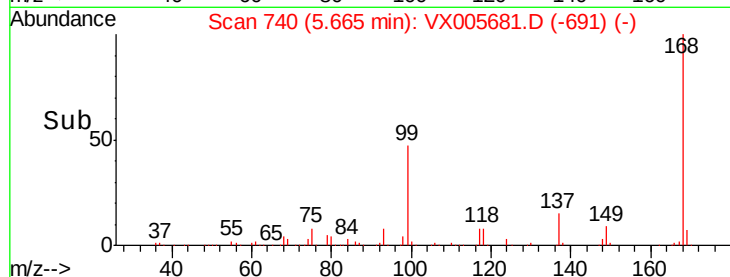
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.276 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005681.D

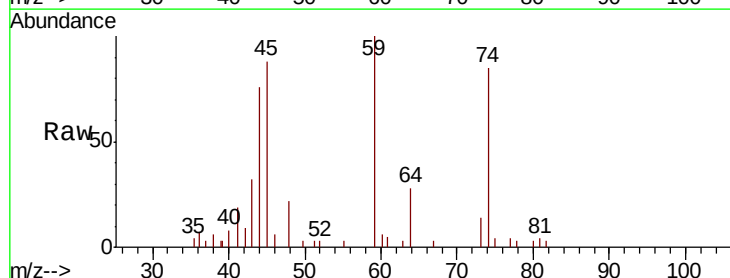
Acq: 30 Oct 2018 01:23

Tgt Ion: 74 Resp: 2429

Ion Ratio Lower Upper

74 100

45 110.4 54.1 162.3



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2000

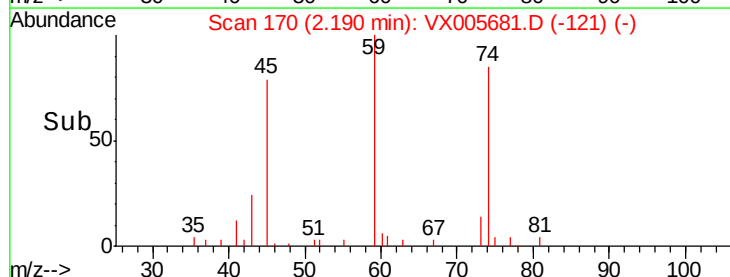
1500

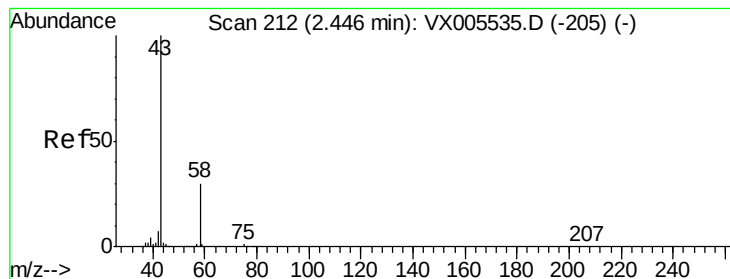
1000

500

0

Time--> 2.10 2.15 2.20 2.25





#16

Acetone

Concen: 7.299 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005681.D

Acq: 30 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

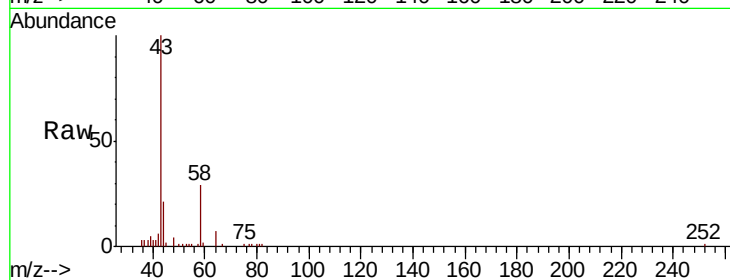
PB114242ZHE#01

Tot Ion: 43 Resp: 13079

Ion Ratio Lower Upper

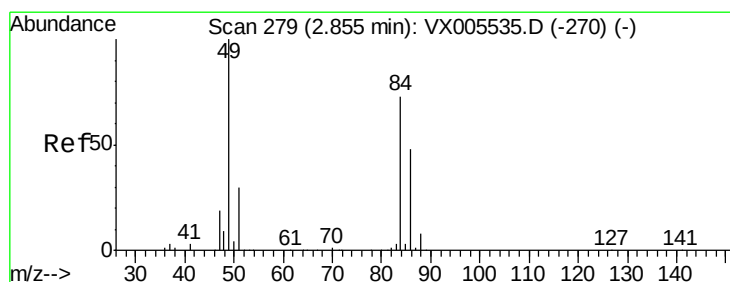
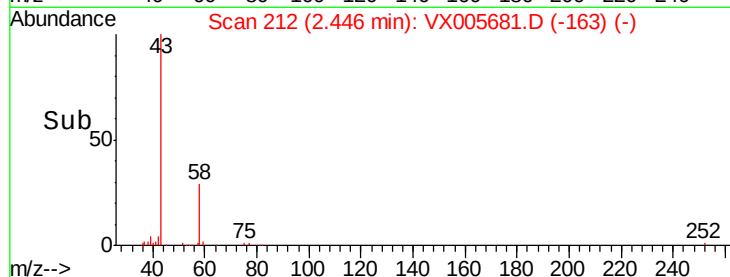
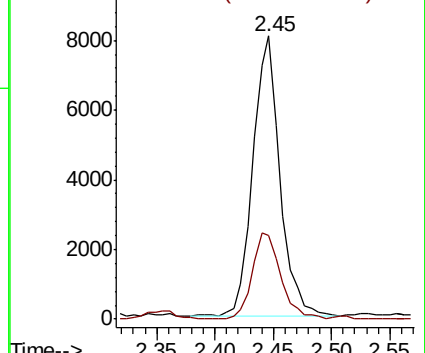
43 100

58 29.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: 1.289 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005681.D

Acq: 30 Oct 2018 01:23

Tgt Ion: 84 Resp: 3869

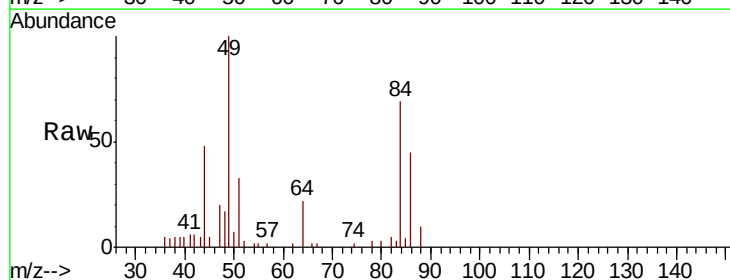
Ion Ratio Lower Upper

84 100

49 145.9 109.5 164.3

51 47.9 33.3 49.9

86 65.4 52.7 79.1

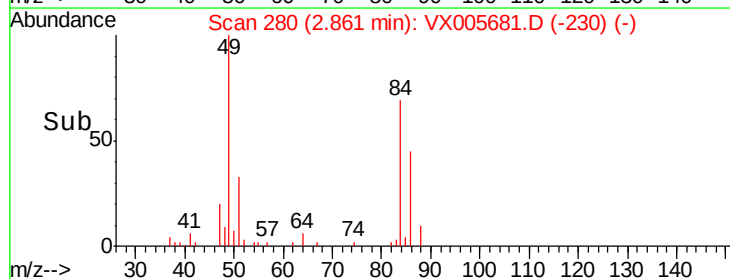
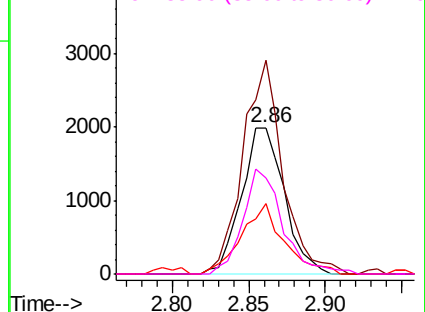


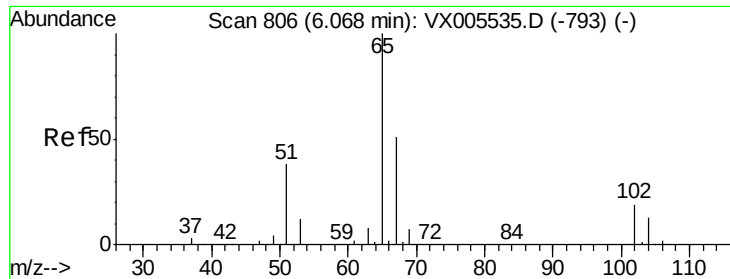
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.784 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005681.D

Acq: 30 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

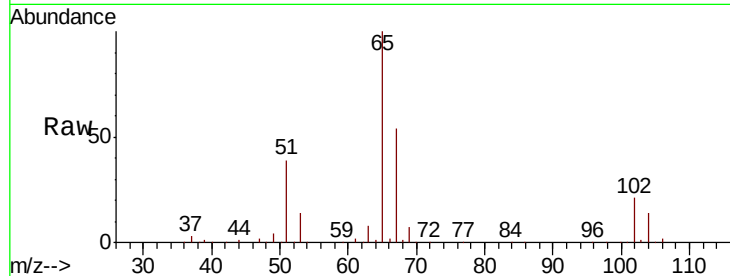
PB114242ZHE#01

Tot Ion: 65 Resp: 155259

Ion Ratio Lower Upper

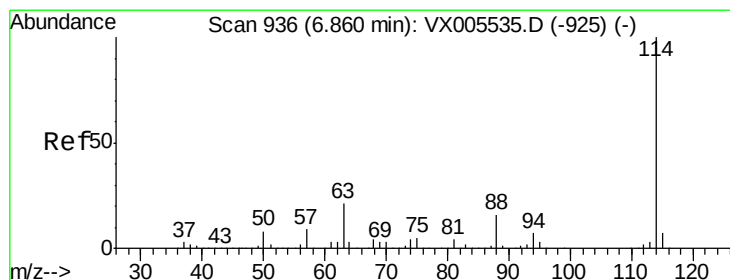
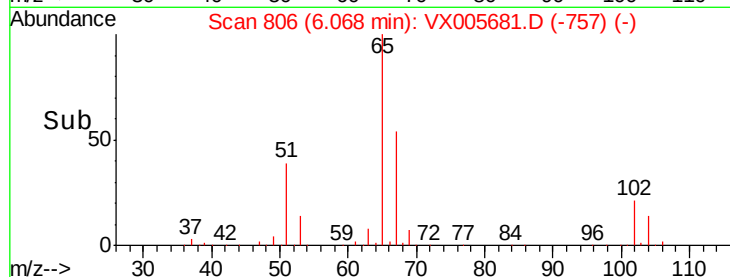
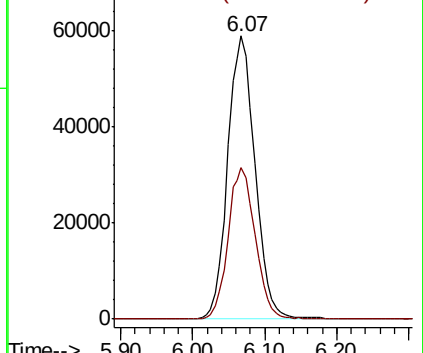
65 100

67 53.4 0.0 105.0



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: VX005681.D

Acq: 30 Oct 2018 01:23

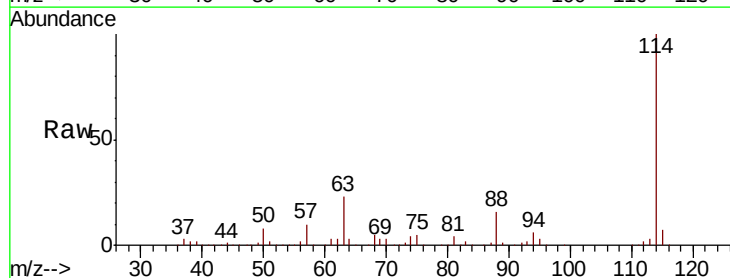
Tgt Ion: 114 Resp: 388146

Ion Ratio Lower Upper

114 100

63 22.7 0.0 42.8

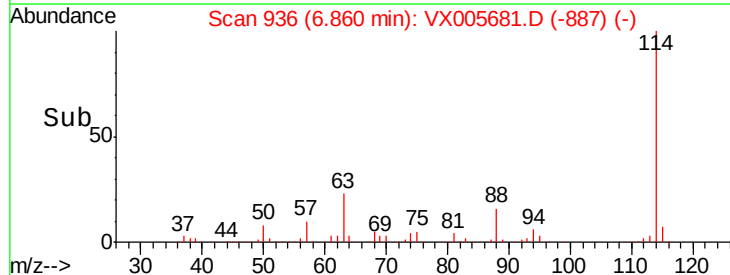
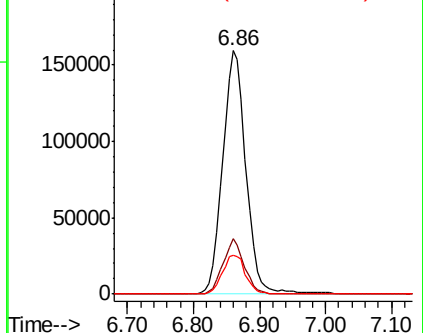
88 15.9 0.0 31.2

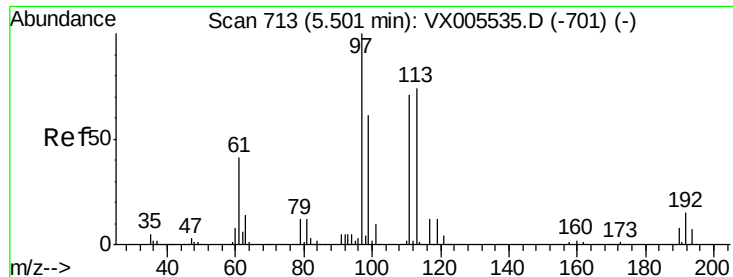


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.700 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005681.D

Acq: 30 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

PB114242ZHE#01

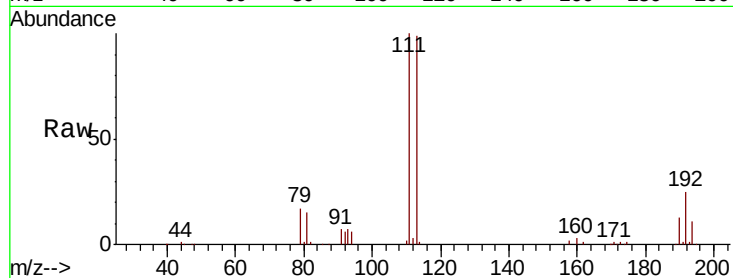
Tot Ion:113 Resp: 127993

Ion Ratio Lower Upper

113 100

111 105.2 82.3 123.5

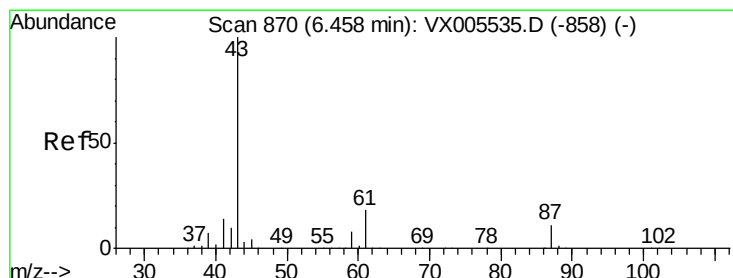
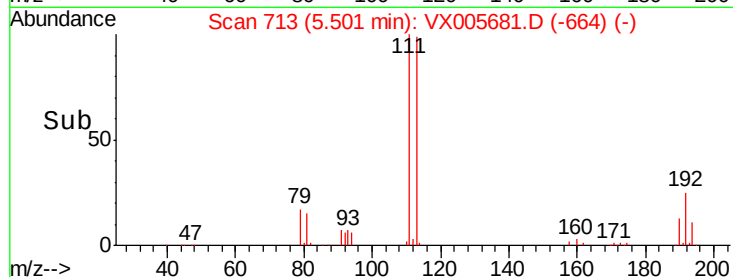
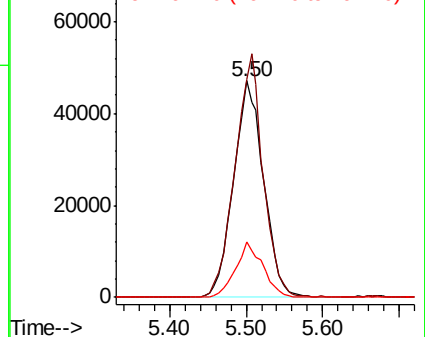
192 23.5 17.9 26.9



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: 24.654 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX005681.D

Acq: 30 Oct 2018 01:23

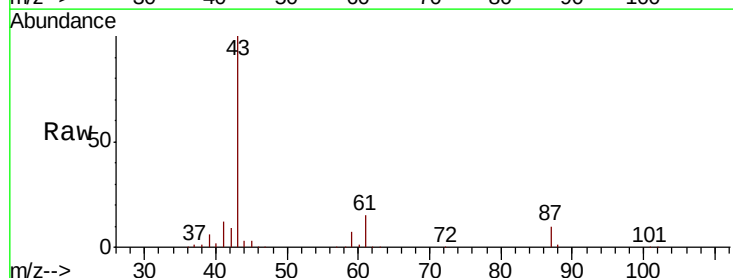
Tgt Ion: 43 Resp: 177583

Ion Ratio Lower Upper

43 100

61 18.9 14.6 22.0

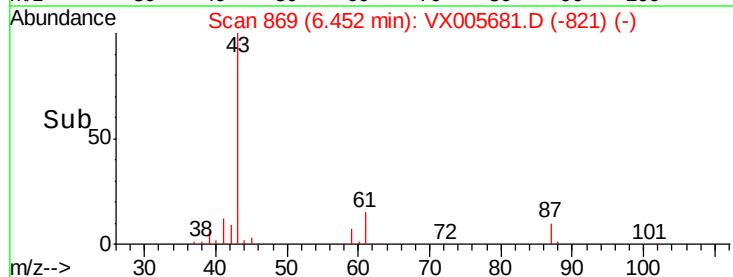
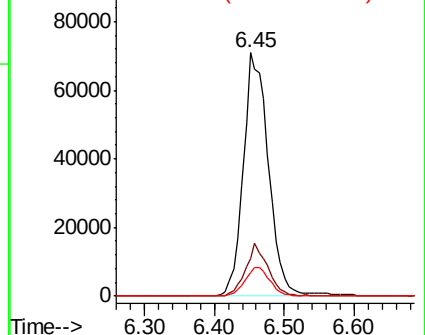
87 11.9 9.6 14.4

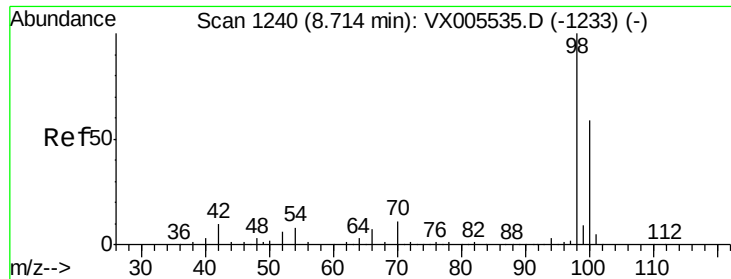


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.225 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005681.D

Acq: 30 Oct 2018 01:23

Instrument :

MSVOA_X

ClientSampleId :

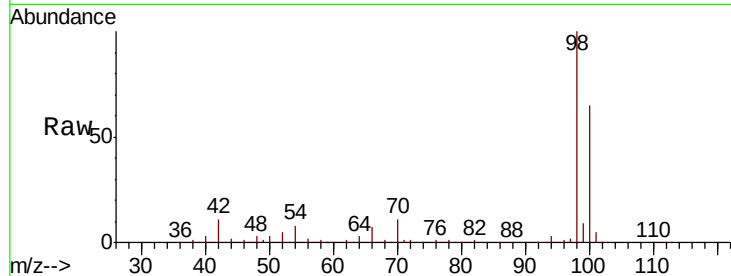
PB114242ZHE#01

Tot Ion: 98 Resp: 464861

Ion Ratio Lower Upper

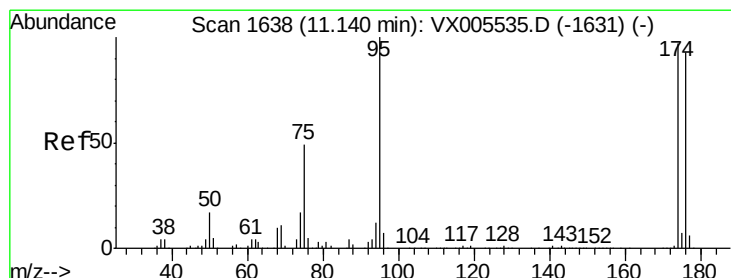
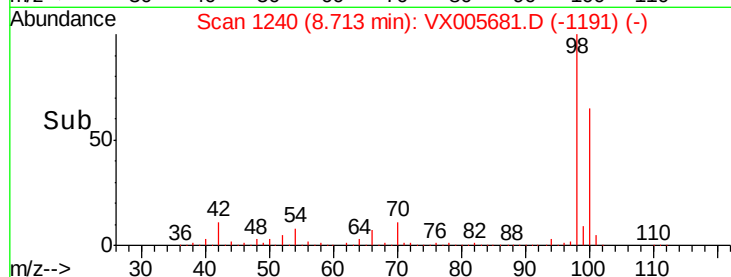
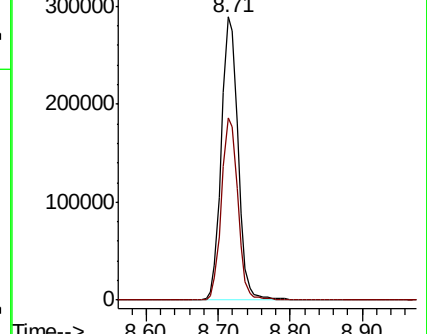
98 100

100 63.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 45.403 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005681.D

Acq: 30 Oct 2018 01:23

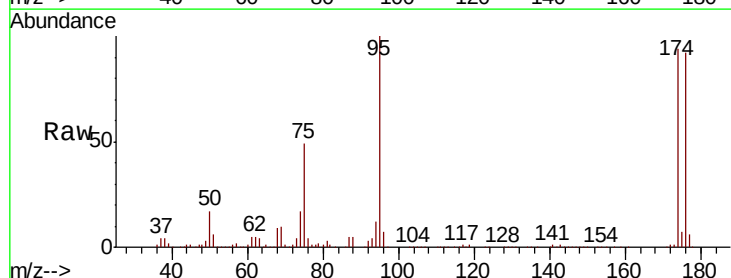
Tgt Ion: 95 Resp: 161925

Ion Ratio Lower Upper

95 100

174 92.7 0.0 184.4

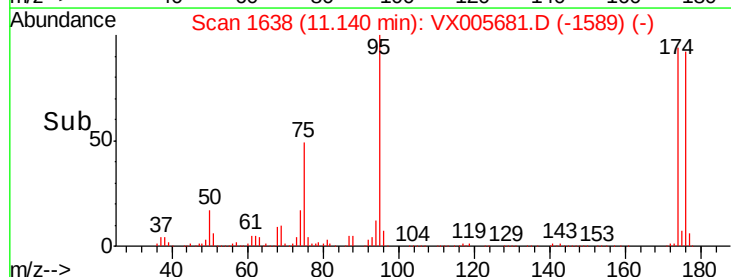
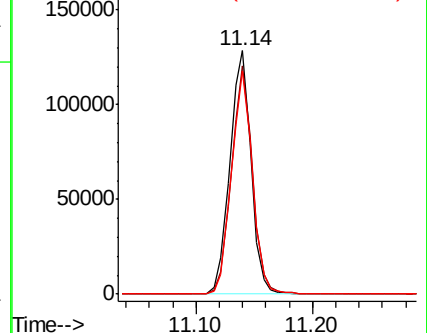
176 90.6 0.0 177.4

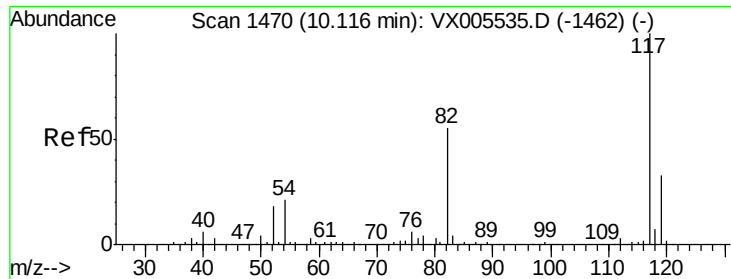


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

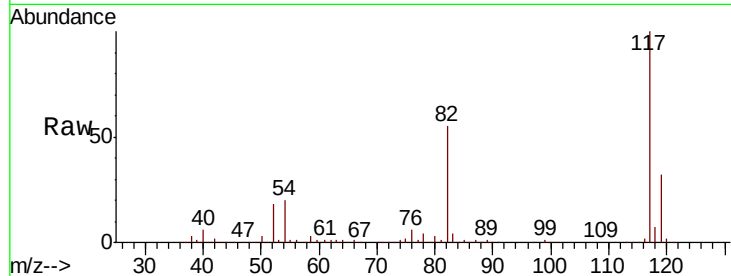




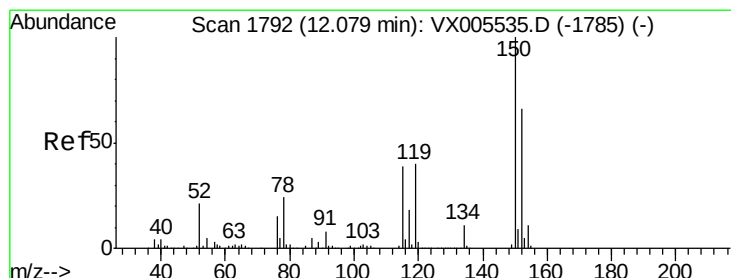
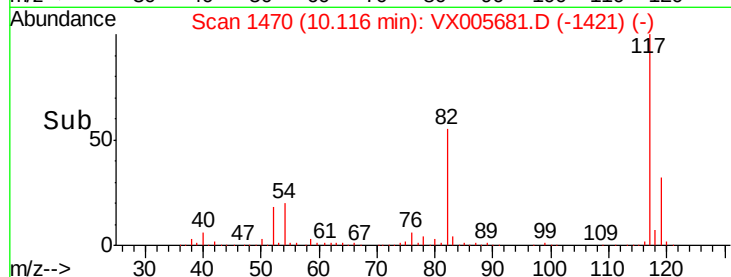
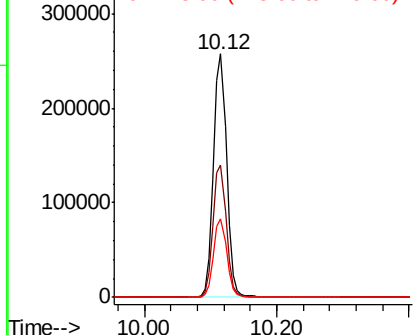
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005681.D
Acq: 30 Oct 2018 01:23

Instrument :
MSVOA_X
ClientSampleId :
PB114242ZHE#01

Tot Ion:117 Resp: 353393
Ion Ratio Lower Upper
117 100
82 54.6 44.1 66.1
119 32.0 26.2 39.2

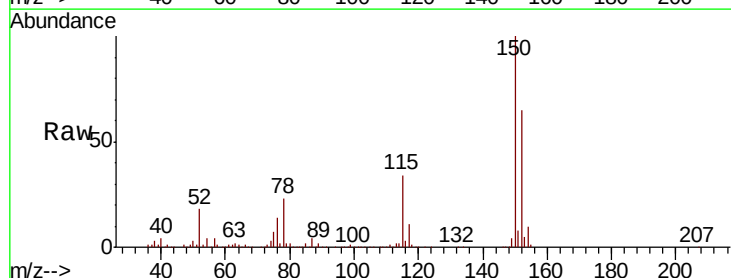


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005681.D
Acq: 30 Oct 2018 01:23

Tgt Ion:152 Resp: 200145
Ion Ratio Lower Upper
152 100
115 54.1 39.4 118.1
150 154.4 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

