

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007210.D
 Acq On : 24 Jan 2019 18:09
 Operator : JC/SP
 Sample : PB116589ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB116589ZHE#02

Quant Time: Jan 25 02:33:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

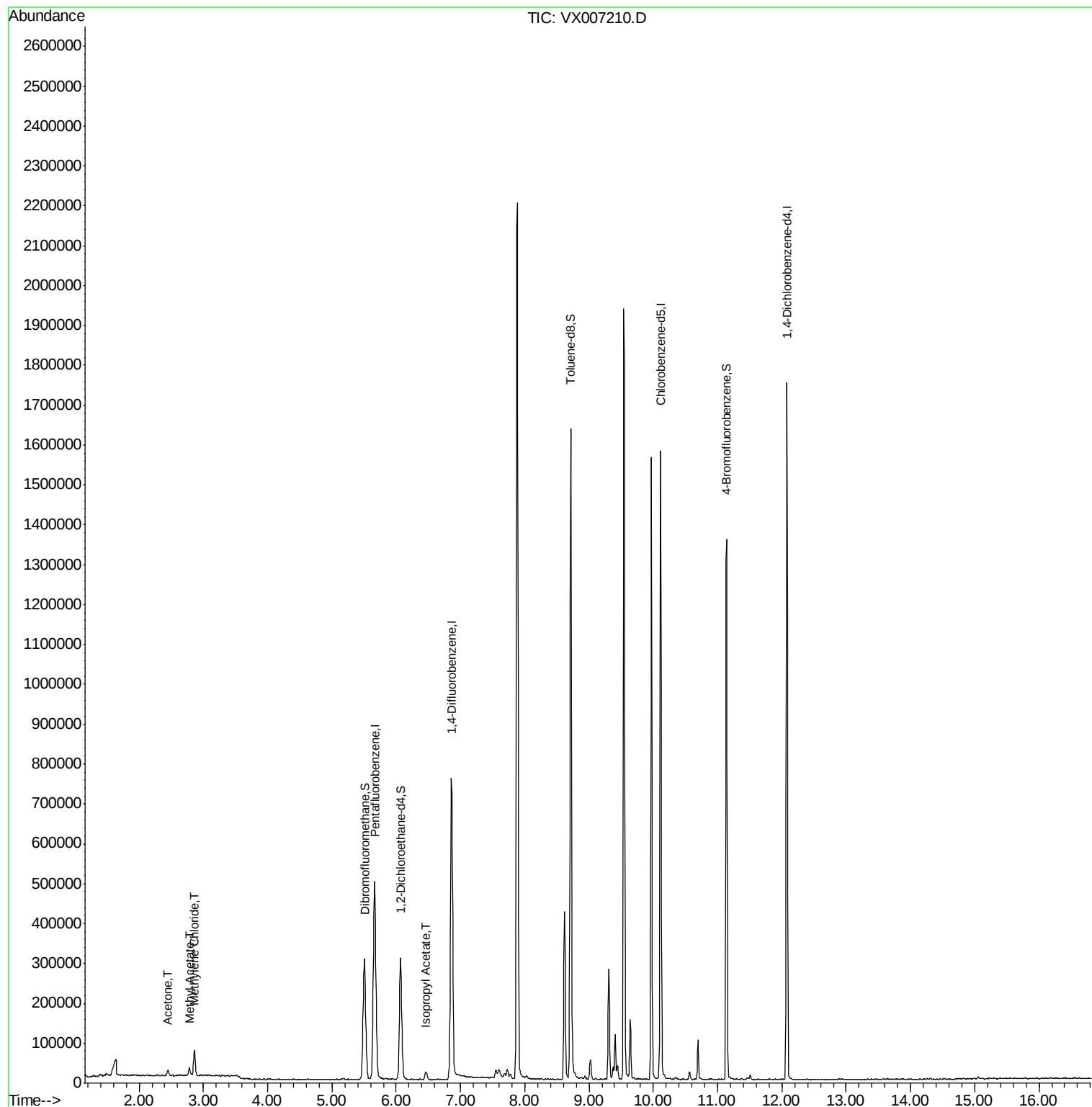
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	518964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	808991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	777373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	370255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	282728	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
35) Dibromofluoromethane	5.51	113	254516	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.71	98	991624	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	11.13	95	345954	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
Target Compounds						
16) Acetone	2.45	43	17492	6.524	ug/l #	88
18) Methyl Acetate	2.78	43	24027	3.094	ug/l	96
20) Methylene Chloride	2.86	84	30638	5.504	ug/l	95
43) Isopropyl Acetate	6.46	43	28370	2.385	ug/l	99

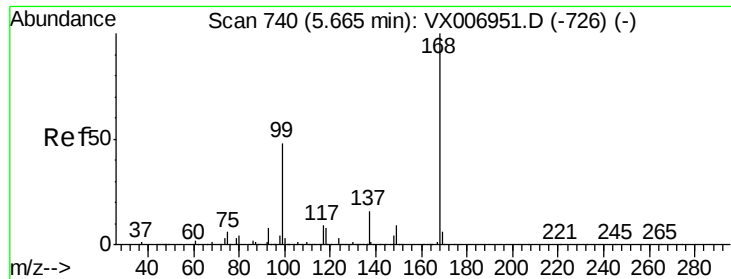
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
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: VX007210.D

Acq: 24 Jan 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

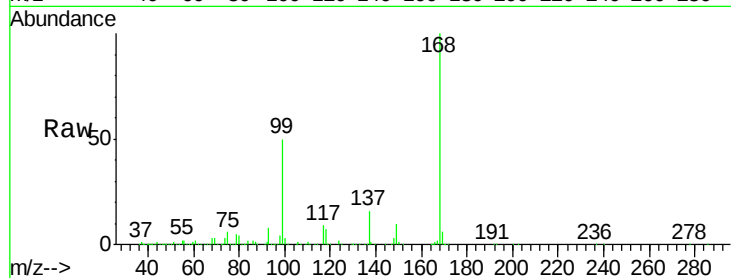
PB116589ZHE#02

Tot Ion:168 Resp: 518964

Ion Ratio Lower Upper

168 100

99 50.3 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

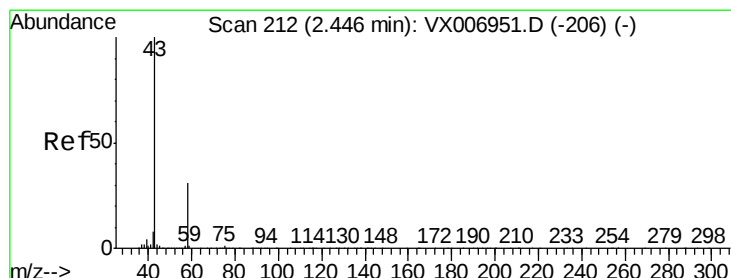
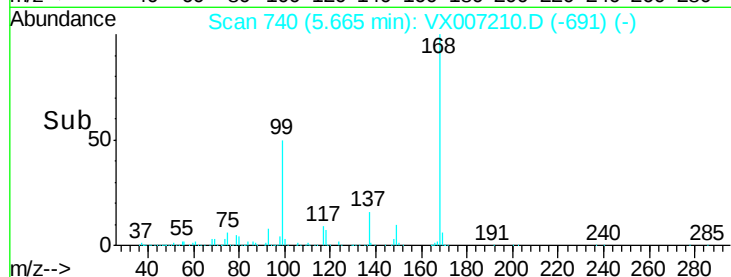
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.524 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007210.D

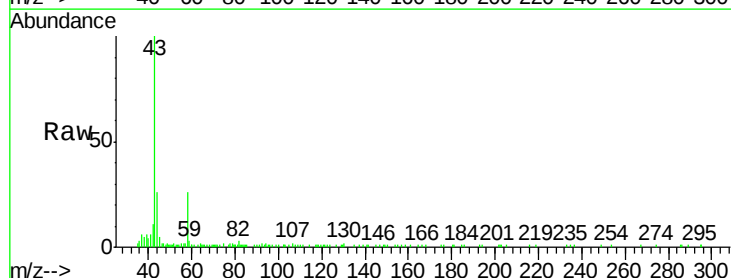
Acq: 24 Jan 2019 18:09

Tgt Ion: 43 Resp: 17492

Ion Ratio Lower Upper

43 100

58 24.6 25.0 37.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

12000

10000

8000

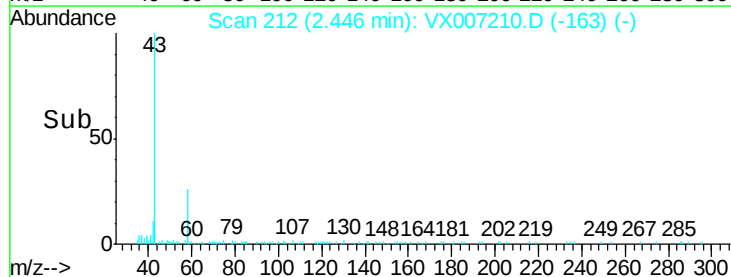
6000

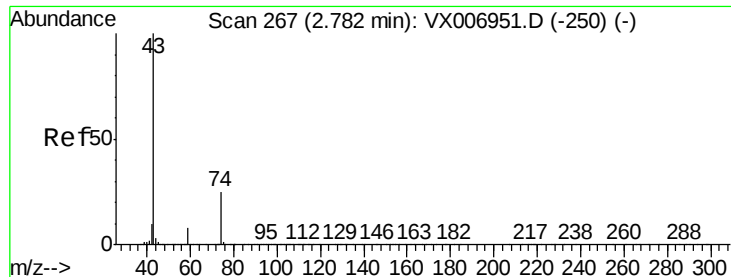
4000

2000

0

Time--> 2.35 2.40 2.45 2.50

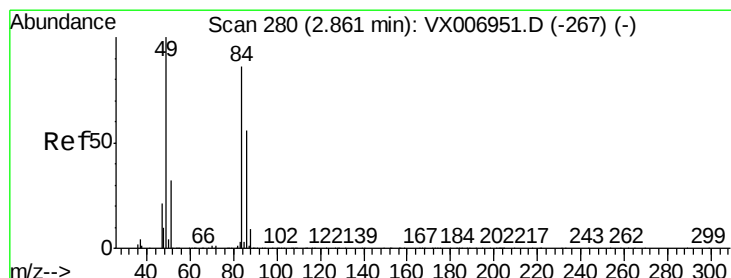
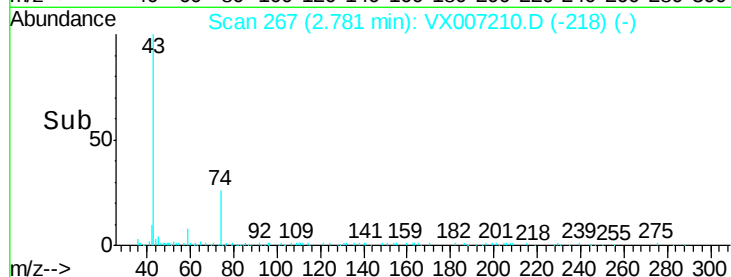
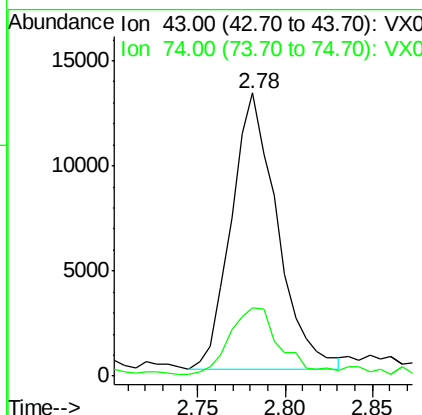
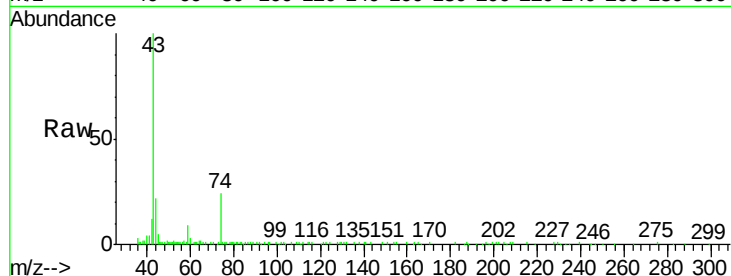




#18
Methyl Acetate
Concen: 3.094 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007210.D
Acq: 24 Jan 2019 18:09

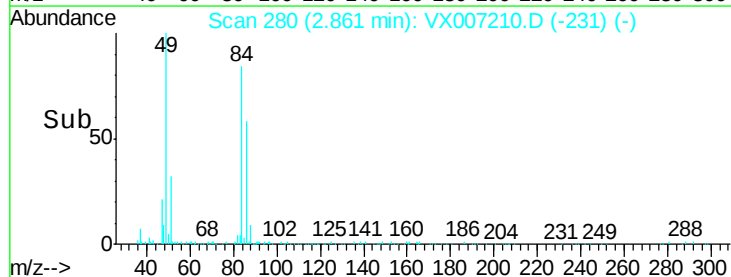
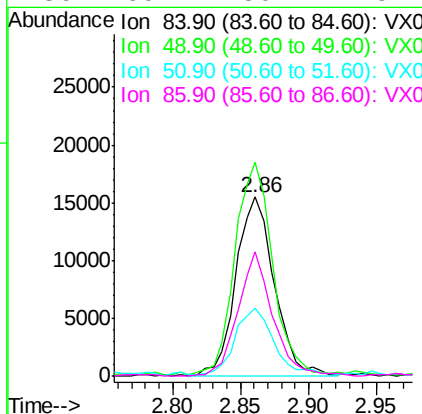
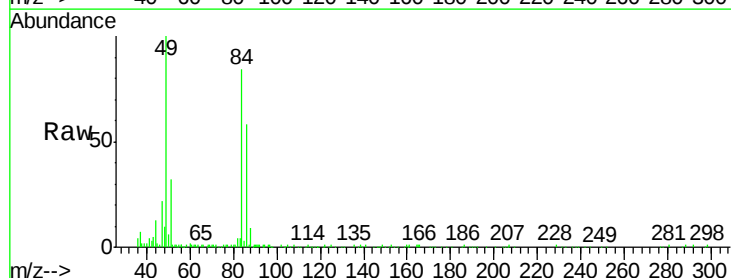
Instrument :
MSVOA_X
ClientSampleId :
PB116589ZHE#02

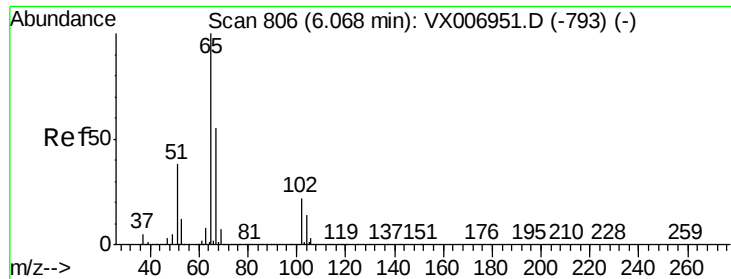
Tot Ion: 43 Resp: 24027
Ion Ratio Lower Upper
43 100
74 25.1 18.6 28.0



#20
Methylene Chloride
Concen: 5.504 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007210.D
Acq: 24 Jan 2019 18:09

Tgt Ion: 84 Resp: 30638
Ion Ratio Lower Upper
84 100
49 118.4 91.8 137.6
51 36.7 28.5 42.7
86 69.4 50.2 75.2





#33

1,2-Dichloroethane-d4

Concen: 52.129 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007210.D

Acq: 24 Jan 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

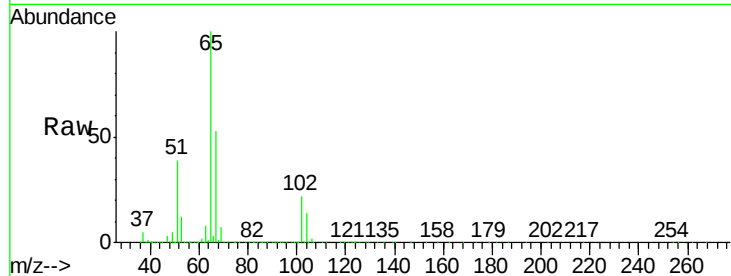
PB116589ZHE#02

Tot Ion: 65 Resp: 282728

Ion Ratio Lower Upper

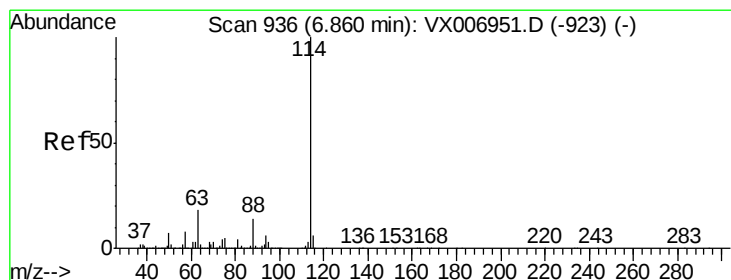
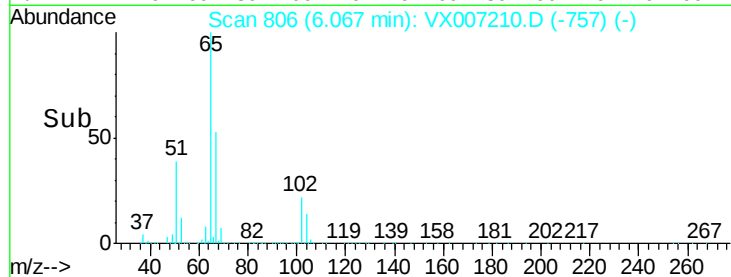
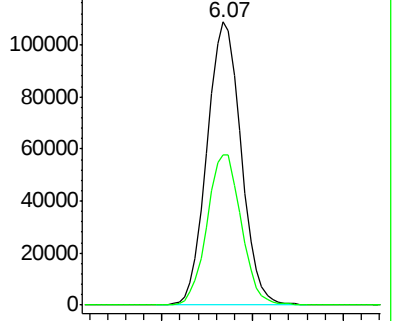
65 100

67 53.6 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: VX007210.D

Acq: 24 Jan 2019 18:09

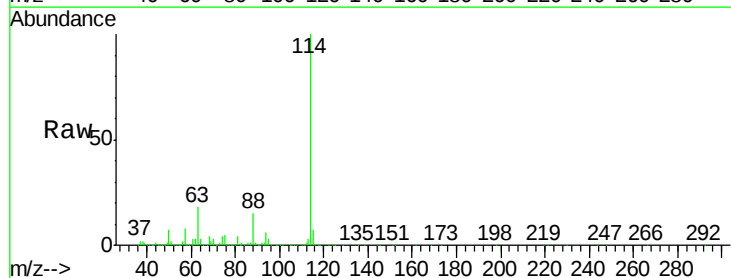
Tgt Ion: 114 Resp: 808991

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

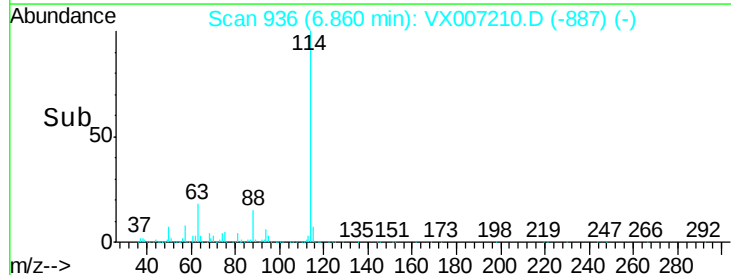
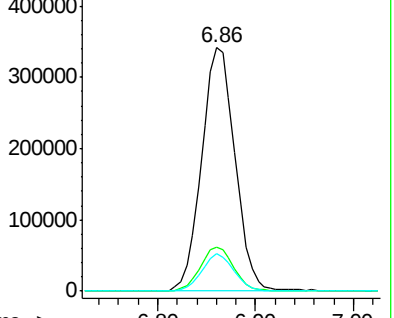
88 15.1 0.0 28.8

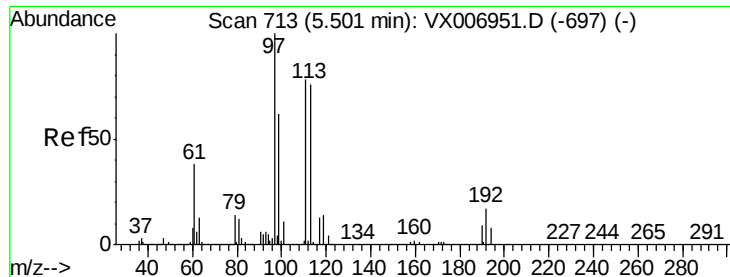


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.127 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007210.D

Acq: 24 Jan 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

PB116589ZHE#02

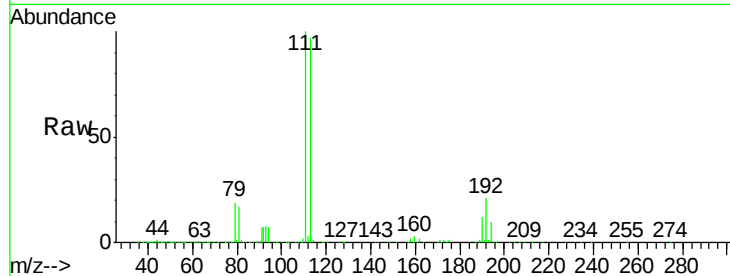
Tot Ion:113 Resp: 254516

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

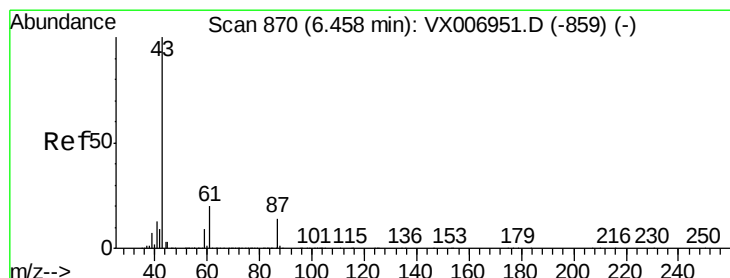
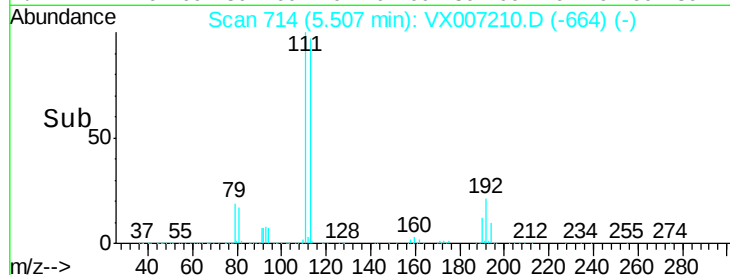
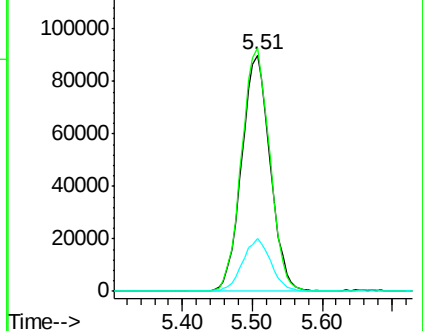
192 22.1 16.7 25.1



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: 2.385 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007210.D

Acq: 24 Jan 2019 18:09

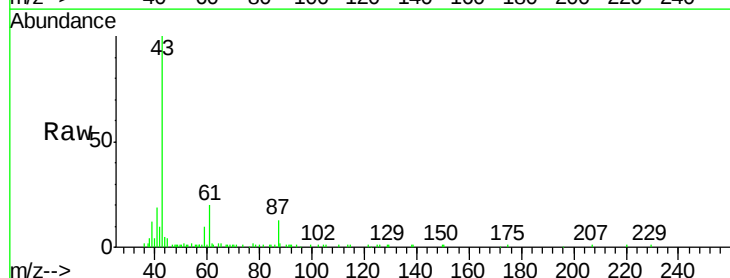
Tgt Ion: 43 Resp: 28370

Ion Ratio Lower Upper

43 100

61 20.4 16.8 25.2

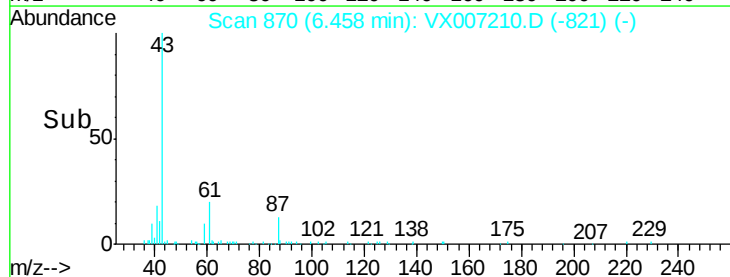
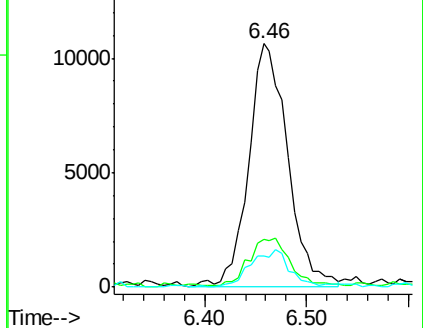
87 15.2 12.4 18.6

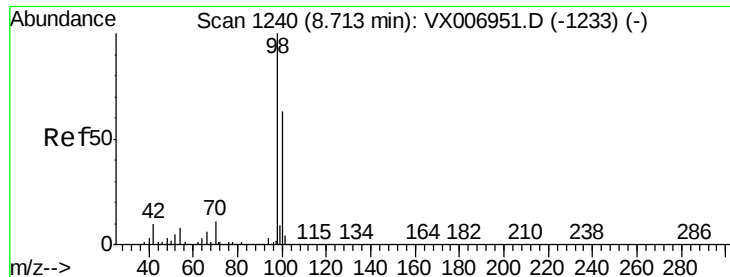


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 52.292 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007210.D

Acq: 24 Jan 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

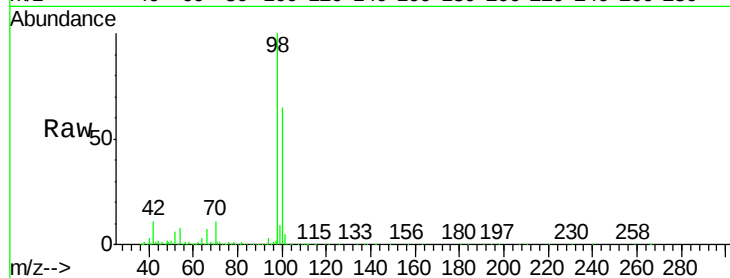
PB116589ZHE#02

Tot Ion: 98 Resp: 991624

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

600000

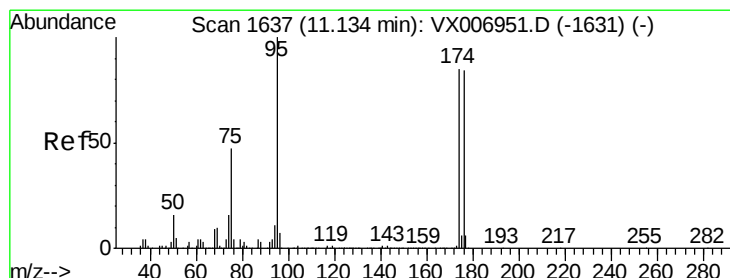
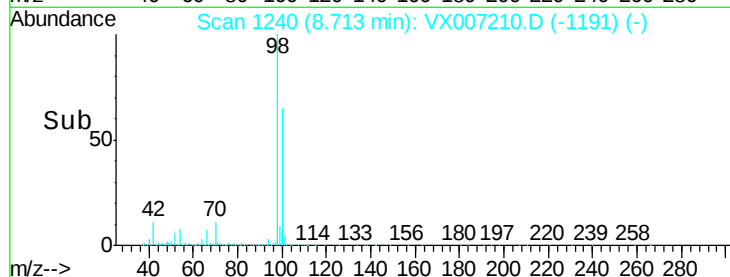
400000

200000

0

Time-->

8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 52.330 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007210.D

Acq: 24 Jan 2019 18:09

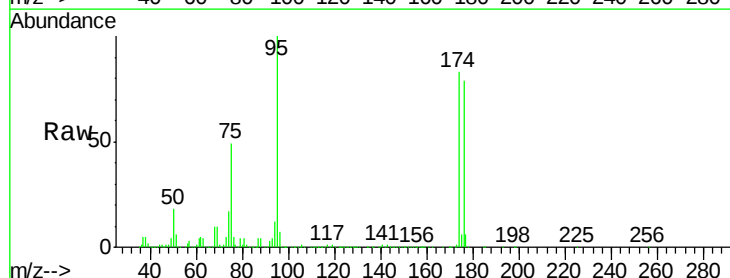
Tgt Ion: 95 Resp: 345954

Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.2

176 89.8 0.0 178.8



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

300000

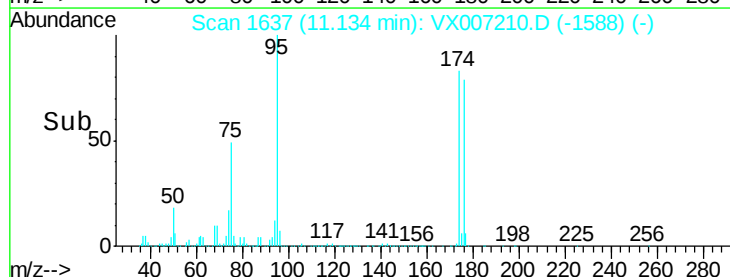
200000

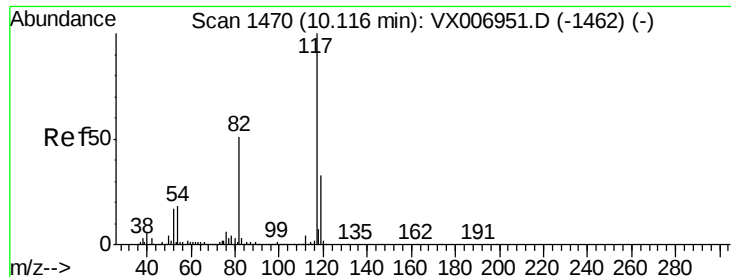
100000

0

Time-->

11.00 11.10 11.20

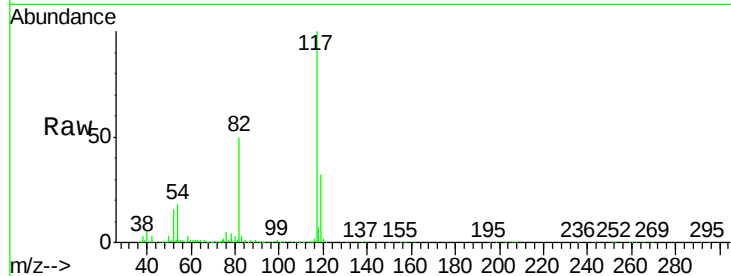




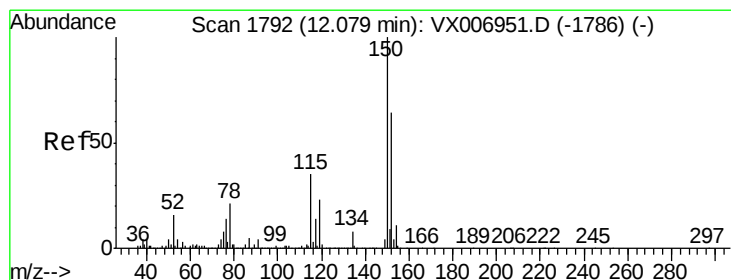
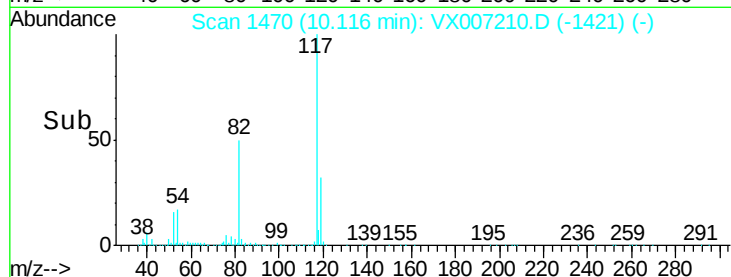
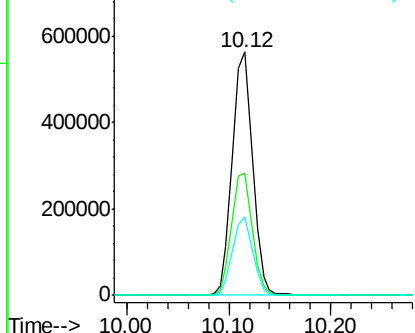
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007210.D
Acq: 24 Jan 2019 18:09

Instrument :
MSVOA_X
ClientSampleId :
PB116589ZHE#02

Tot Ion:117 Resp: 777373
Ion Ratio Lower Upper
117 100
82 50.1 41.0 61.6
119 32.2 25.4 38.0

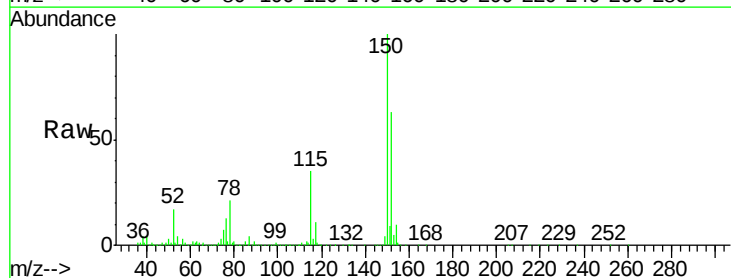


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007210.D
Acq: 24 Jan 2019 18:09

Tgt Ion:152 Resp: 370255
Ion Ratio Lower Upper
152 100
115 54.3 39.1 117.2
150 156.0 0.0 344.8



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

