

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001854.D
 Acq On : 19 May 2018 04:41
 Operator : JC/MD
 Sample : PB109413ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109413ZHE#05

Quant Time: May 21 03:53:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

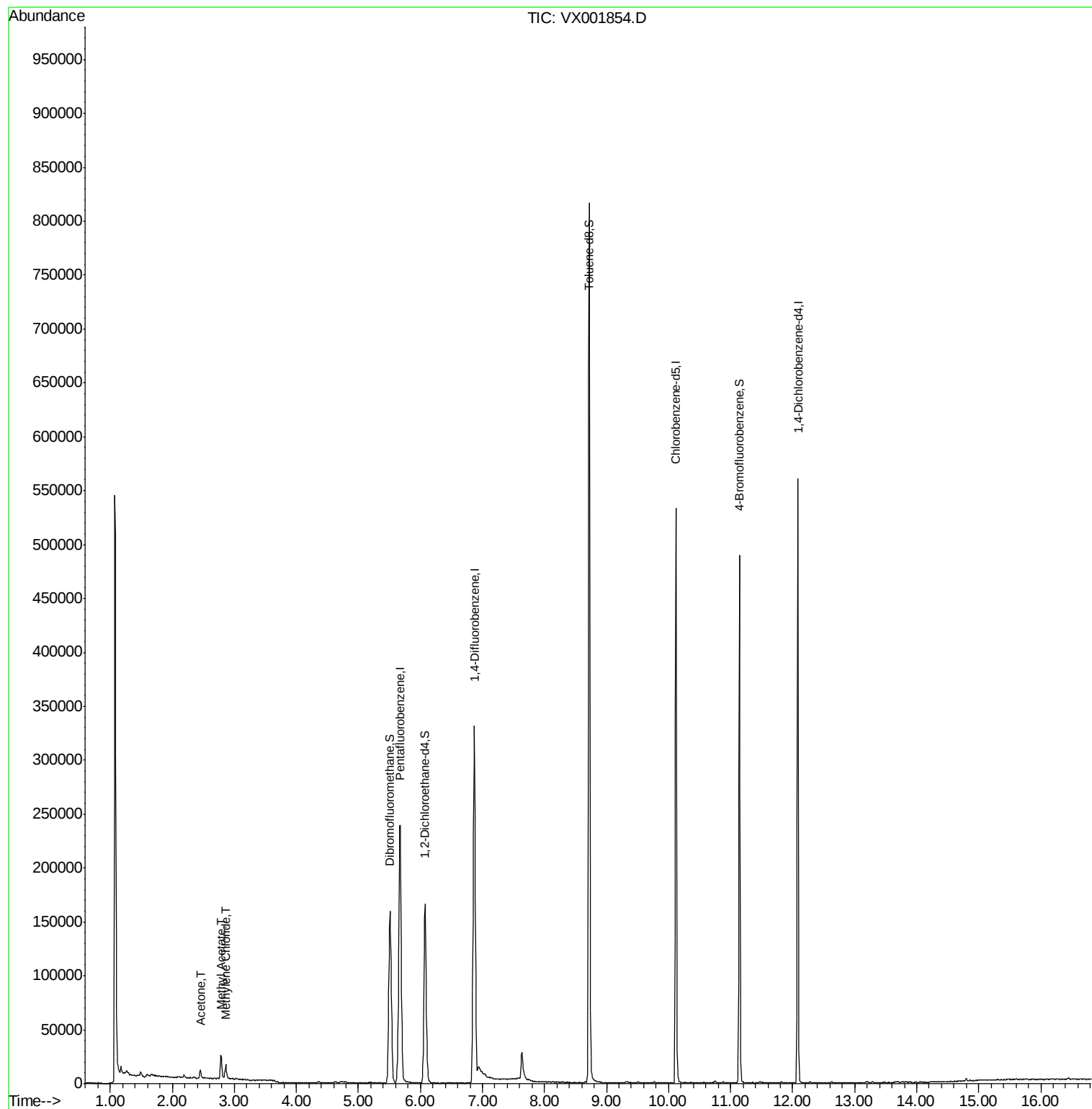
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	260603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	123777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	152084	43.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.16%	
35) Dibromofluoromethane	5.51	113	135187	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
50) Toluene-d8	8.72	98	486397	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
62) 4-Bromofluorobenzene	11.14	95	124737	32.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.88%	
Target Compounds						
16) Acetone	2.45	43	8605	6.21	ug/l	Qvalue 100
18) Methyl Acetate	2.78	43	26428	6.52	ug/l	97
20) Methylene Chloride	2.86	84	5930	2.00	ug/l	98

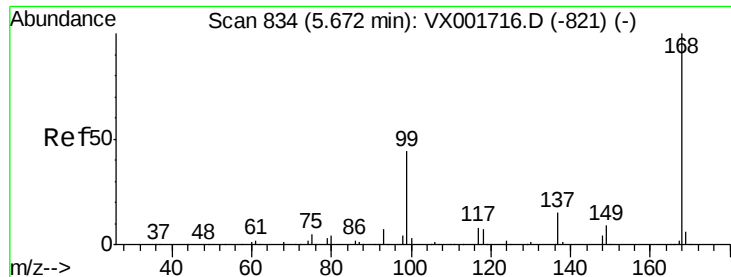
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

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Acq: 19 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

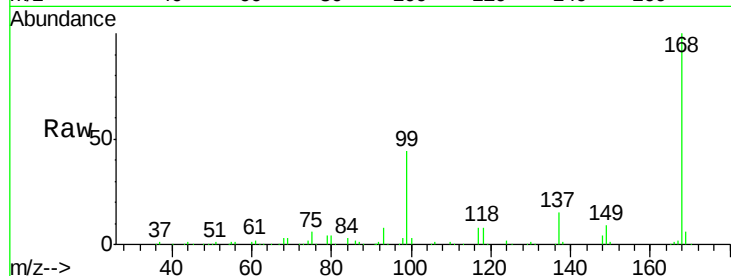
PB109413ZHE#05

Tot Ion:168 Resp: 263368

Ion Ratio Lower Upper

168 100

99 43.9 35.0 52.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

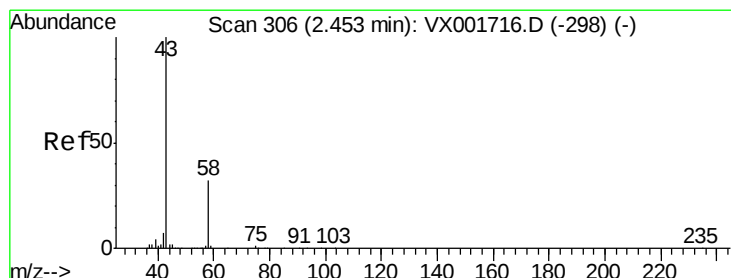
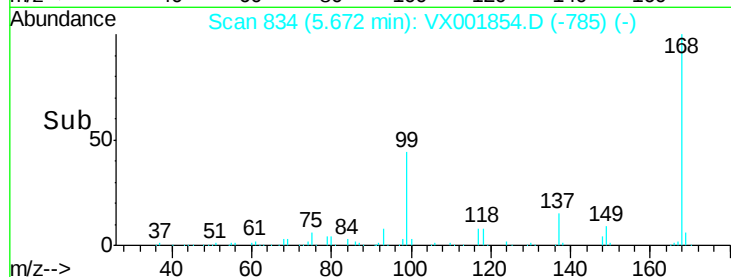
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80 5.90



#16

Acetone

Concen: 6.21 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX001854.D

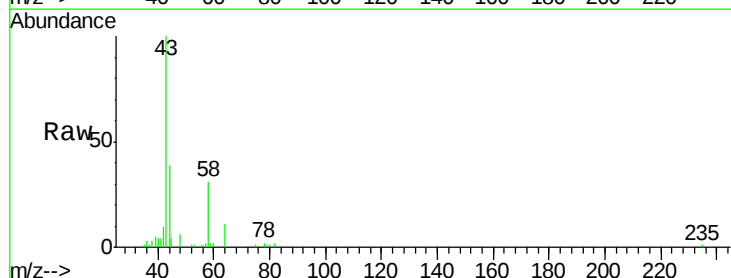
Acq: 19 May 2018 04:41

Tgt Ion: 43 Resp: 8605

Ion Ratio Lower Upper

43 100

58 31.7 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

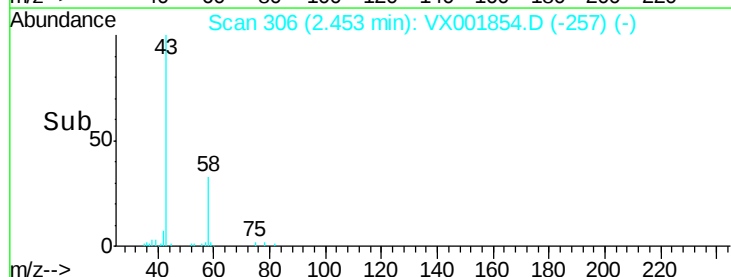
3000

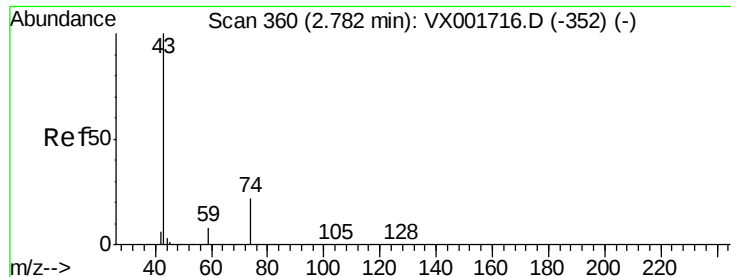
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

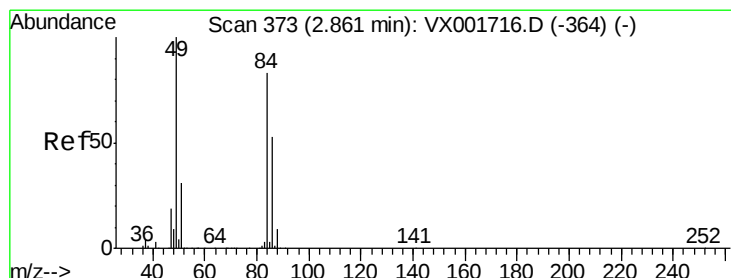
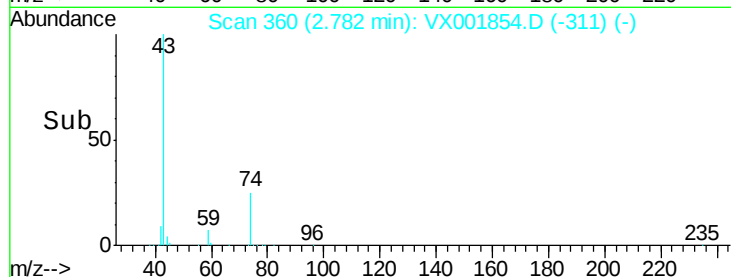
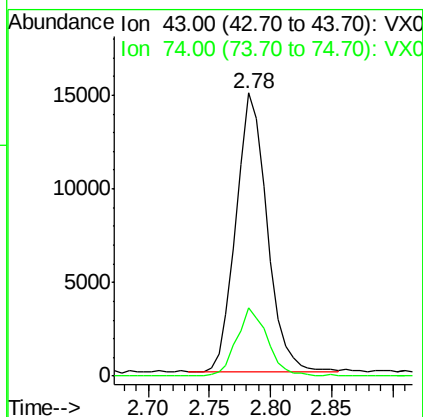
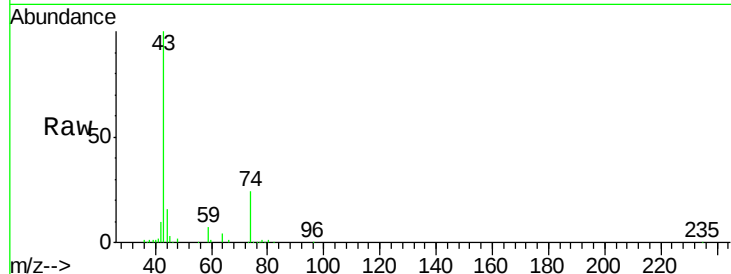




#18
Methvl Acetate
Concen: 6.52 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

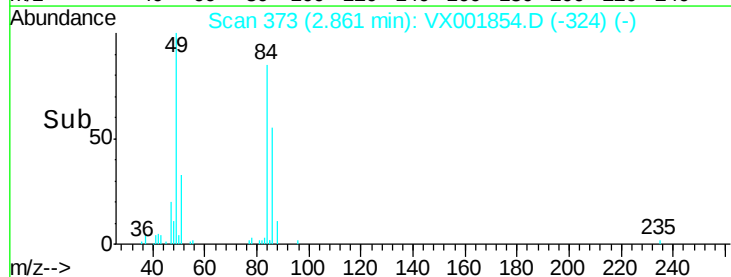
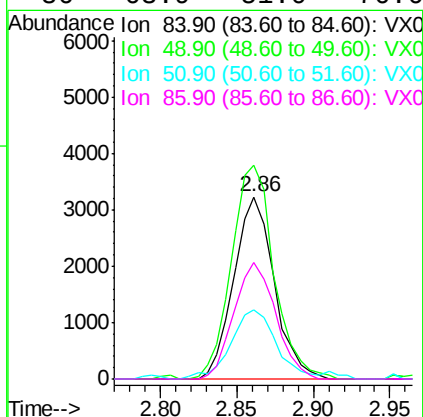
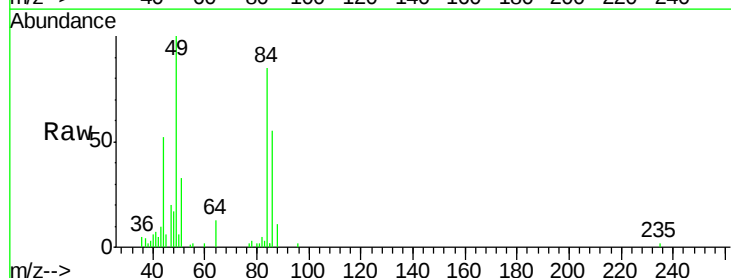
Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#05

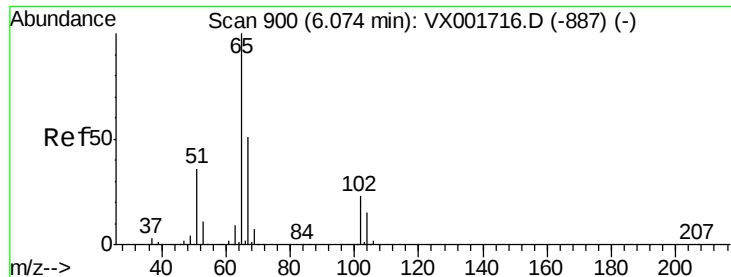
Tot Ion: 43 Resp: 26428
Ion Ratio Lower Upper
43 100
74 24.3 18.2 27.2



#20
Methylene Chloride
Concen: 2.00 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

Tgt Ion: 84 Resp: 5930
Ion Ratio Lower Upper
84 100
49 117.2 96.3 144.5
51 36.5 29.8 44.6
86 63.9 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 43.08 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001854.D

Acq: 19 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

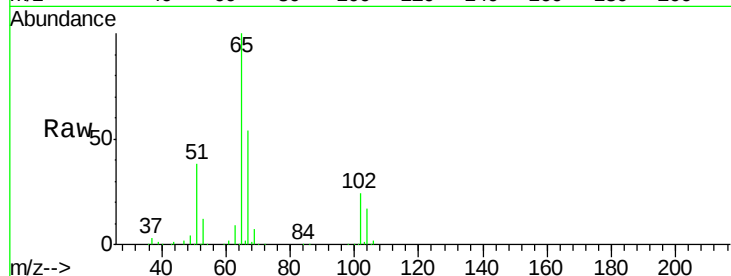
PB109413ZHE#05

Tot Ion: 65 Resp: 152084

Ion Ratio Lower Upper

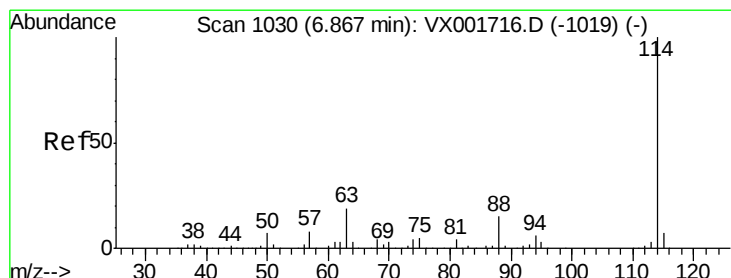
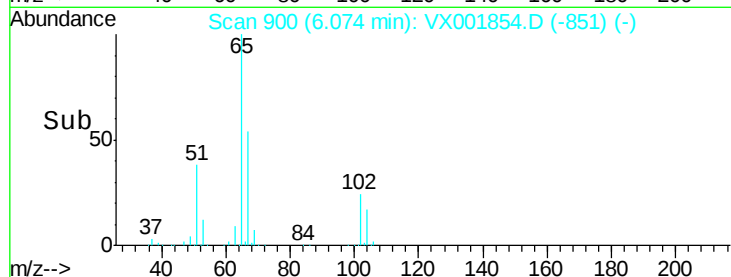
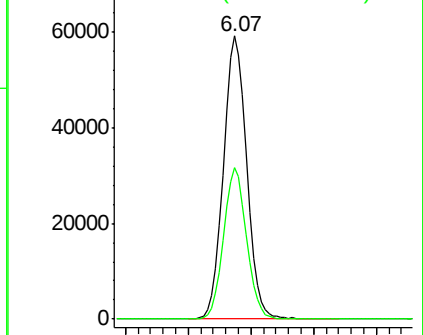
65 100

67 52.8 0.0 102.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX001854.D

Acq: 19 May 2018 04:41

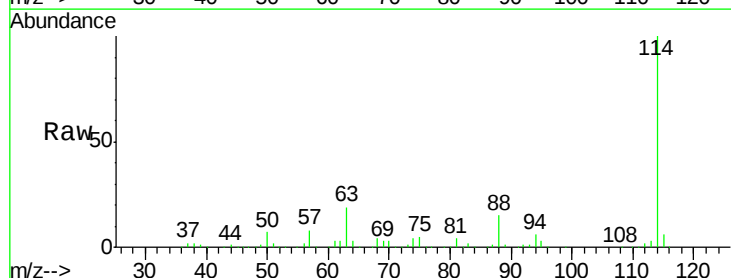
Tgt Ion: 114 Resp: 353332

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.0

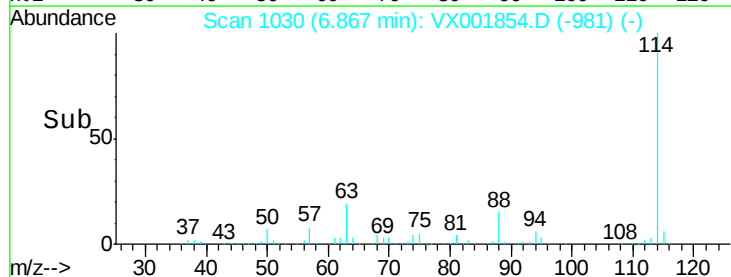
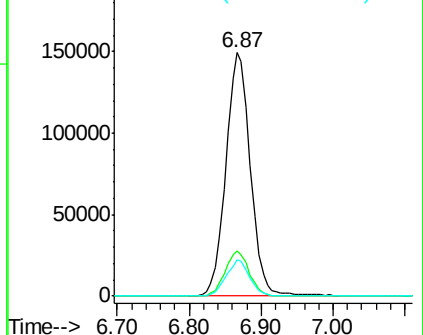
88 15.1 0.0 29.8

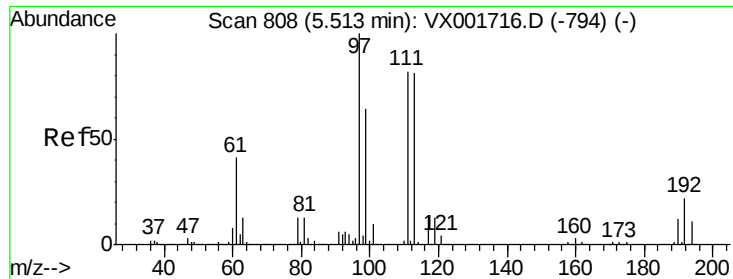


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

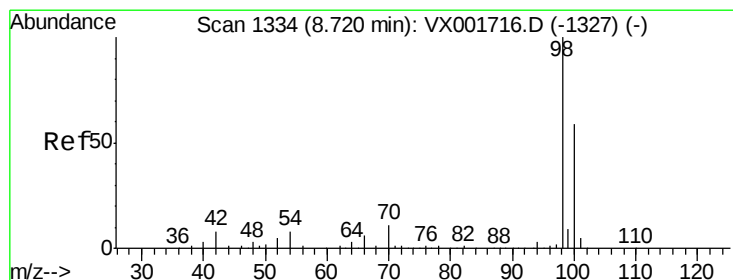
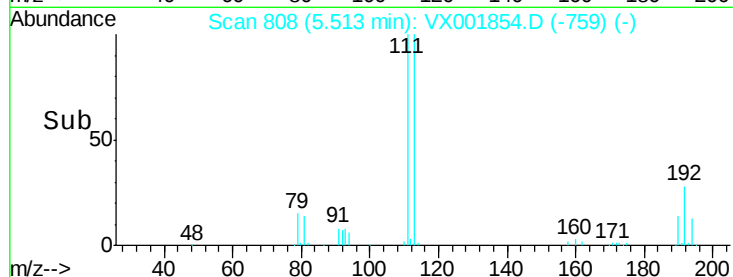
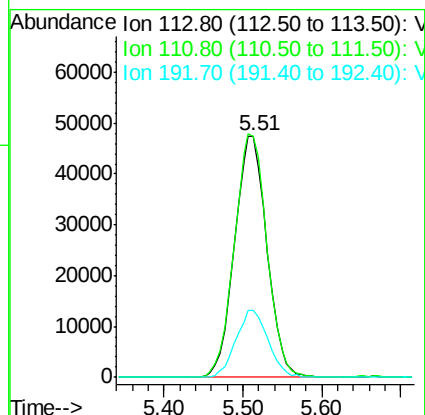
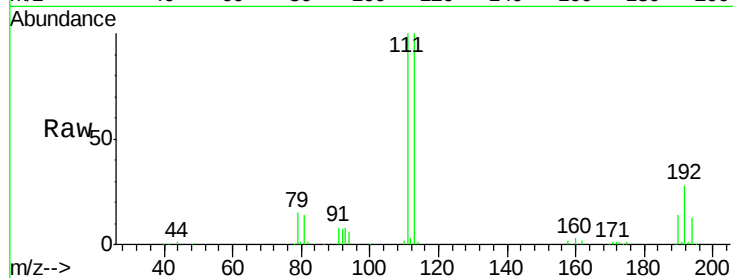




#35
Dibromofluoromethane
Concen: 45.34 ug/l
RT: 5.51 min Scan# 808
Delta R.T. -0.00 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

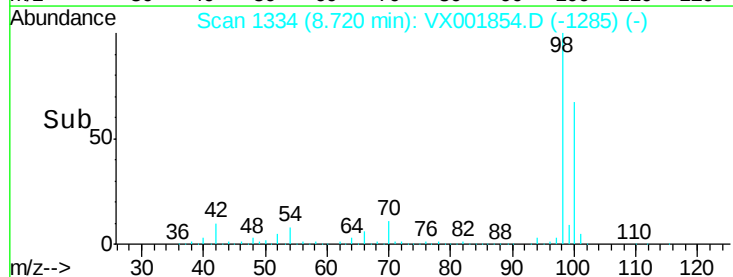
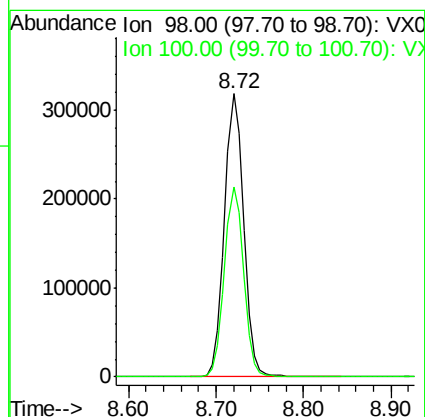
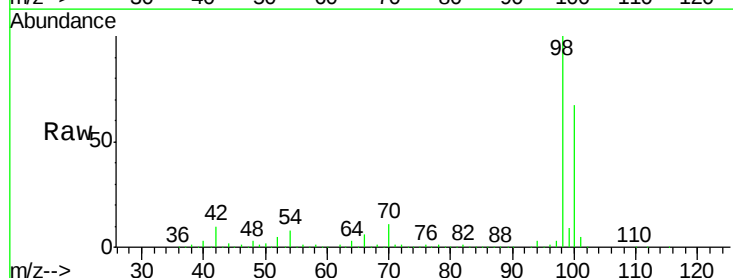
Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#05

Tot Ion:113 Resp: 135187
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 27.7 21.6 32.4



#50
Toluene-d8
Concen: 45.55 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX001854.D
Acq: 19 May 2018 04:41

Tgt Ion: 98 Resp: 486397
Ion Ratio Lower Upper
98 100
100 67.6 54.0 81.0





#62

4-Bromofluorobenzene

Concen: 32.44 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX001854.D

Acq: 19 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#05

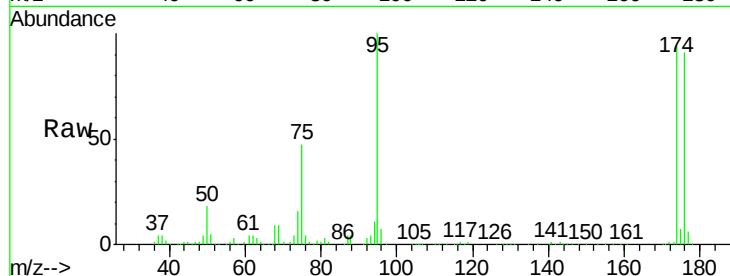
Tot Ion: 95 Resp: 124737

Ion Ratio Lower Upper

95 100

174 102.5 0.0 201.8

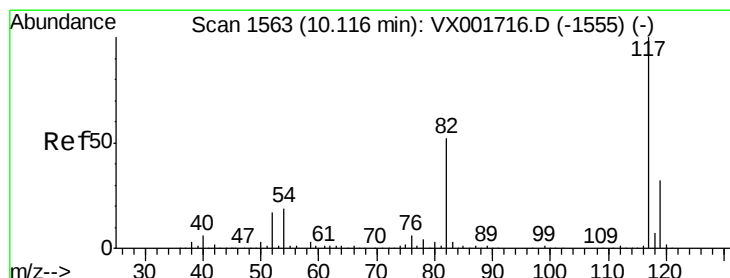
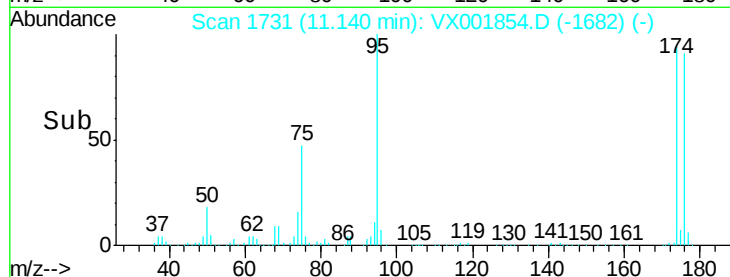
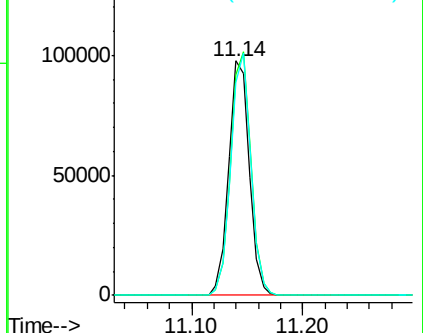
176 100.8 0.0 196.8



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX001854.D

Acq: 19 May 2018 04:41

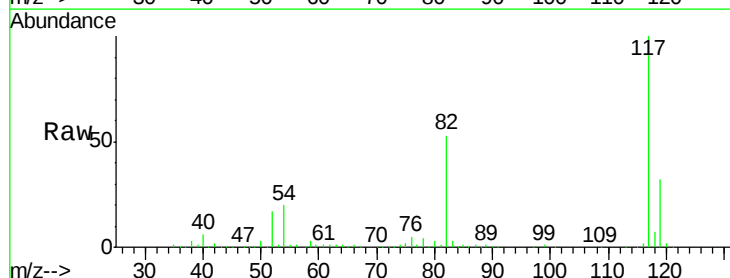
Tgt Ion: 117 Resp: 260603

Ion Ratio Lower Upper

117 100

82 53.0 41.4 62.2

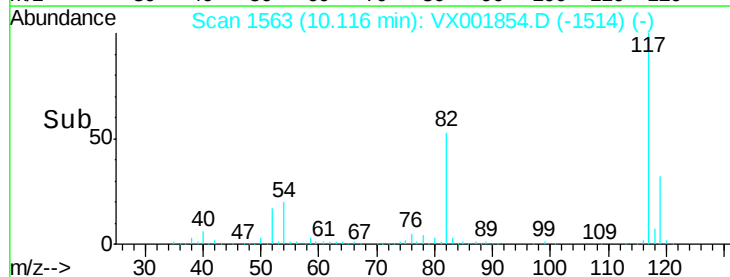
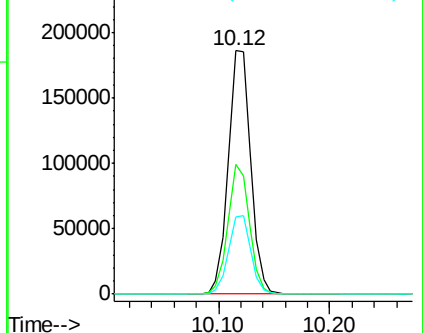
119 31.5 25.6 38.4



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: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX001854.D

Acq: 19 May 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#05

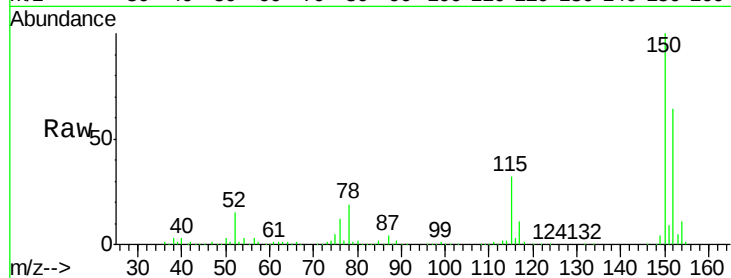
Tot Ion:152 Resp: 123777

Ion Ratio Lower Upper

152 100

115 52.3 37.4 112.2

150 157.7 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

