

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001865.D
 Acq On : 19 May 2018 09:33
 Operator : JC/MD
 Sample : PB109413ZHE#16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB109413ZHE#16

Quant Time: May 21 04:27:50 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

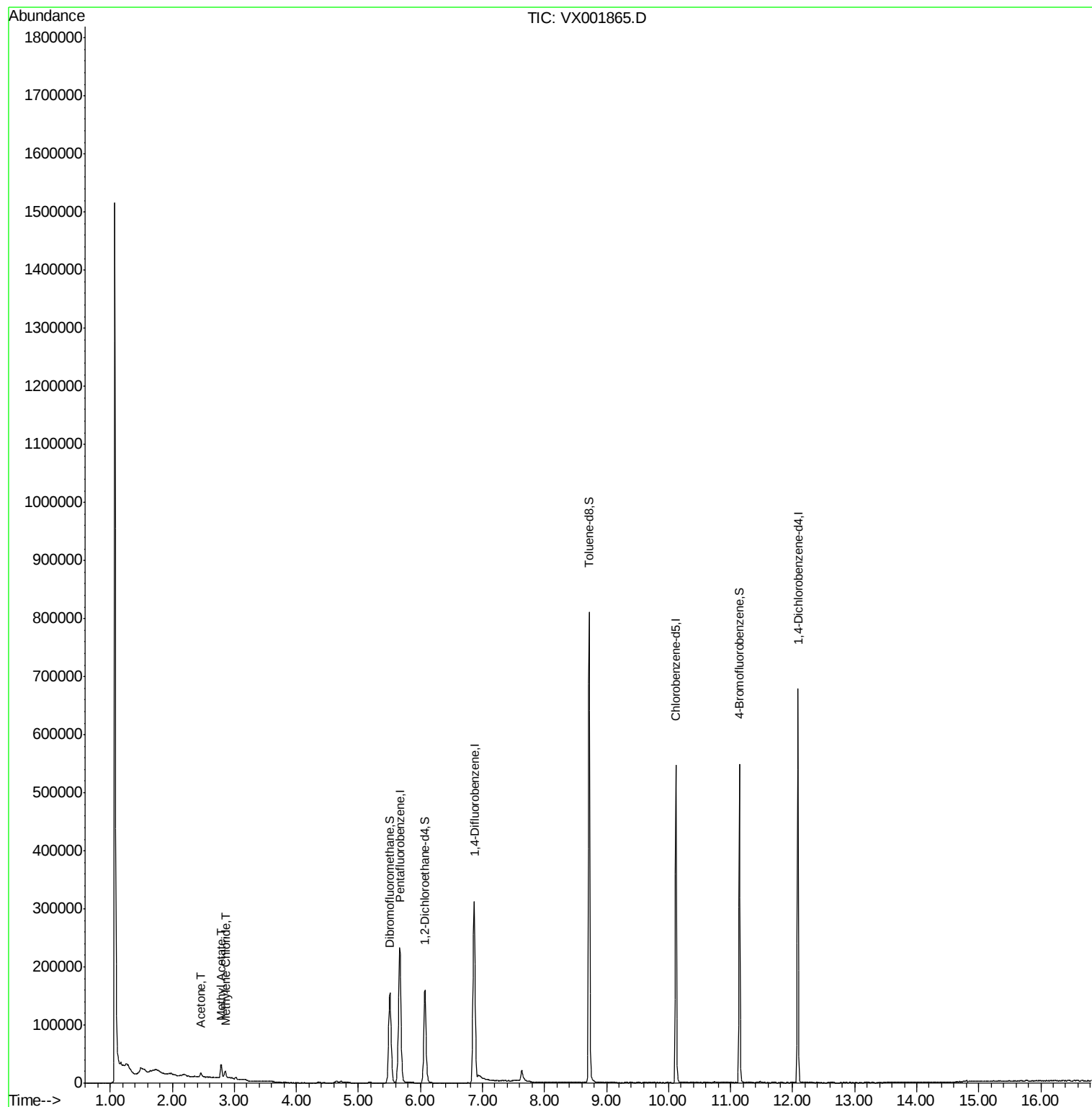
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	258993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	151428	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	148047	42.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.30%	
35) Dibromofluoromethane	5.51	113	130845	45.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.58%	
50) Toluene-d8	8.72	98	477292	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.14	95	139090	37.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.66%	
Target Compounds						
16) Acetone	2.46	43	8391	6.15	ug/l	91
18) Methyl Acetate	2.79	43	29479	7.40	ug/l	99
20) Methylene Chloride	2.85	84	5459	1.87	ug/l	91

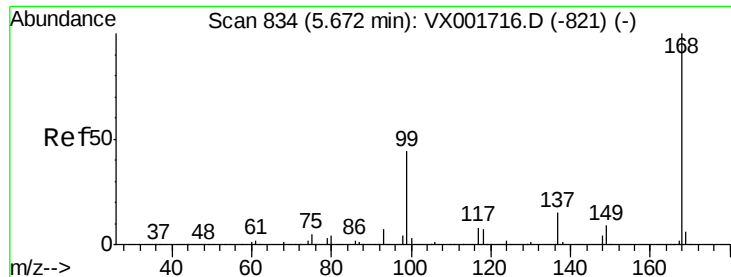
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001865.D

Acq: 19 May 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

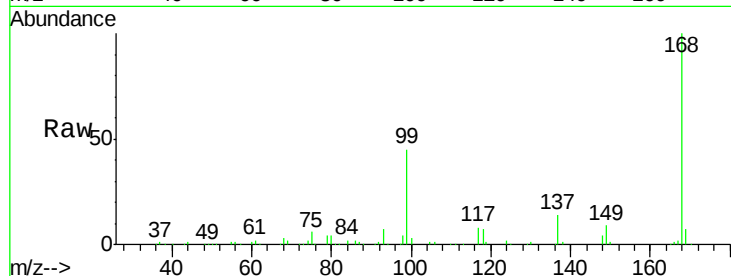
PB109413ZHE#16

Tot Ion:168 Resp: 258993

Ion Ratio Lower Upper

168 100

99 45.3 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

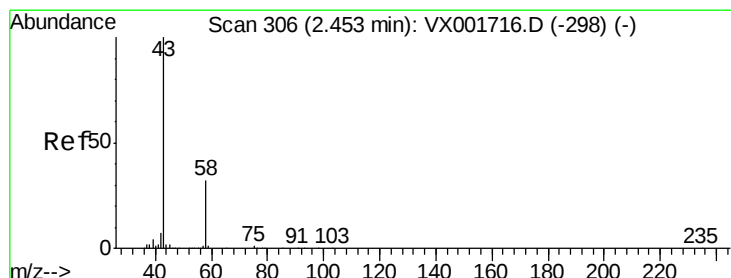
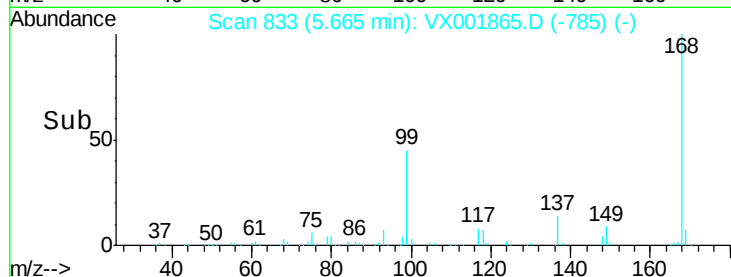
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.15 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001865.D

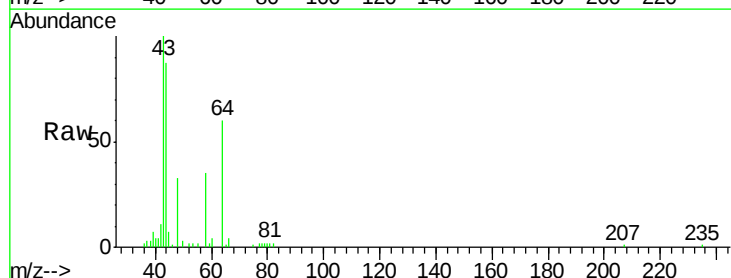
Acq: 19 May 2018 09:33

Tgt Ion: 43 Resp: 8391

Ion Ratio Lower Upper

43 100

58 36.8 25.3 37.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.46

5000

4000

3000

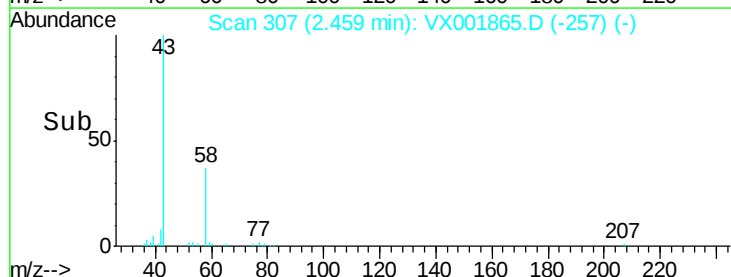
2000

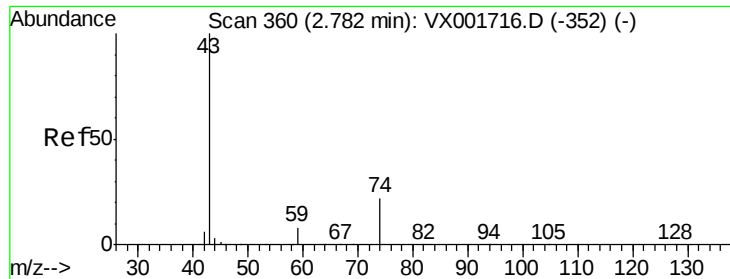
1000

0

Time-->

2.35 2.40 2.45 2.50 2.55

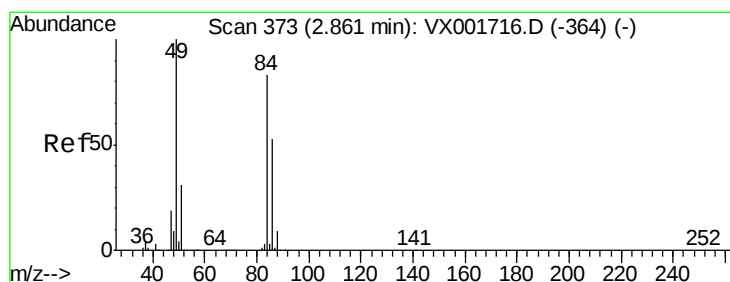
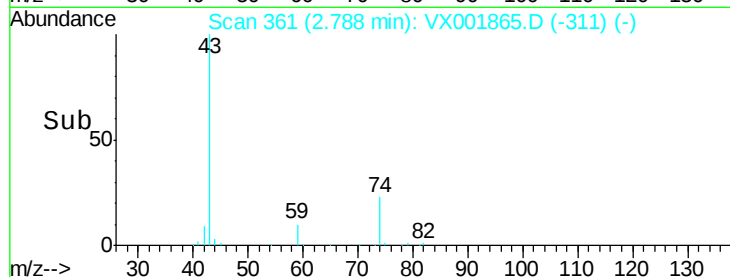
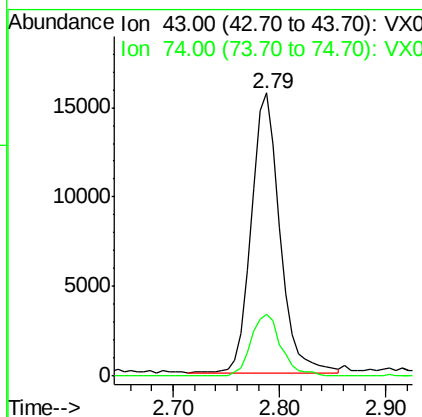
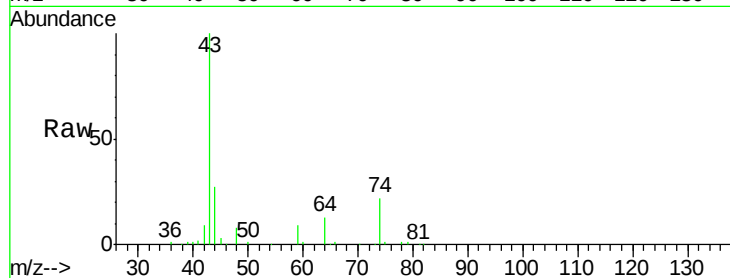




#18
Methyl Acetate
Concen: 7.40 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001865.D
Acq: 19 May 2018 09:33

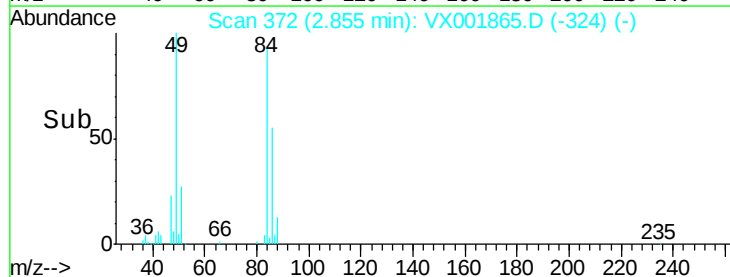
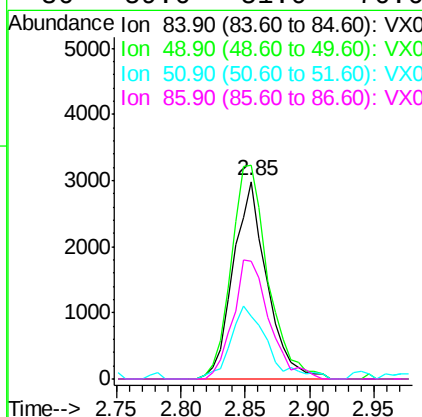
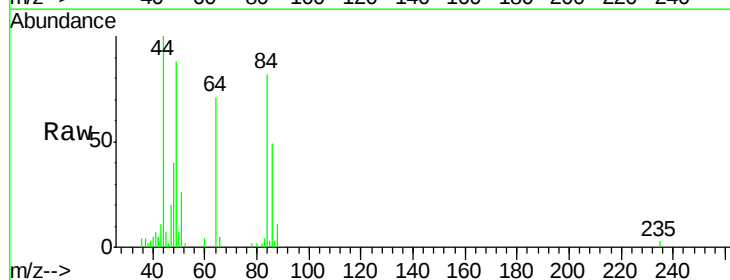
Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#16

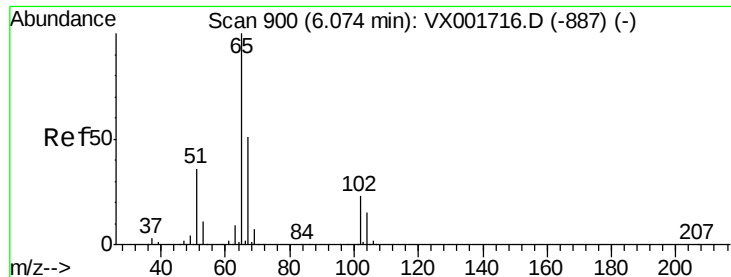
Tot Ion: 43 Resp: 29479
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.2



#20
Methylene Chloride
Concen: 1.87 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001865.D
Acq: 19 May 2018 09:33

Tgt Ion: 84 Resp: 5459
Ion Ratio Lower Upper
84 100
49 108.1 96.3 144.5
51 31.7 29.8 44.6
86 59.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 42.65 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX001865.D

Acq: 19 May 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

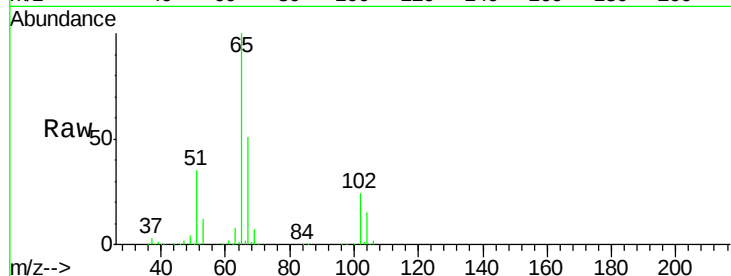
PB109413ZHE#16

Tot Ion: 65 Resp: 148047

Ion Ratio Lower Upper

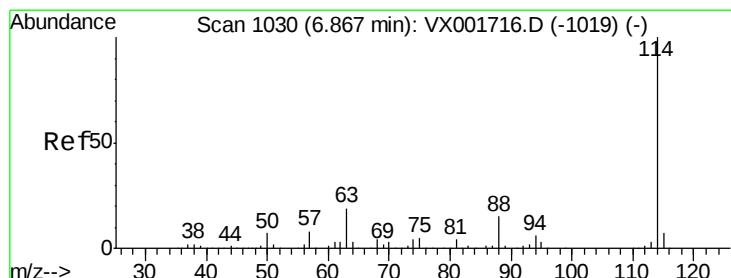
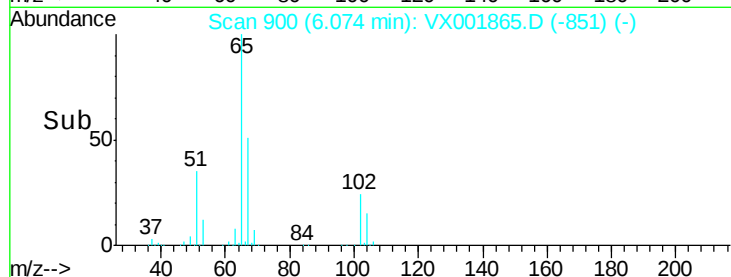
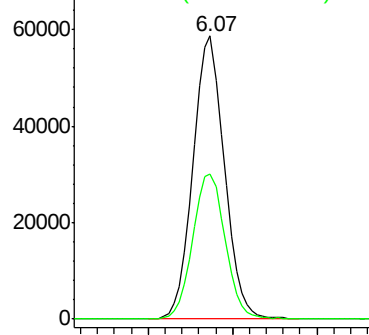
65 100

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: VX001865.D

Acq: 19 May 2018 09:33

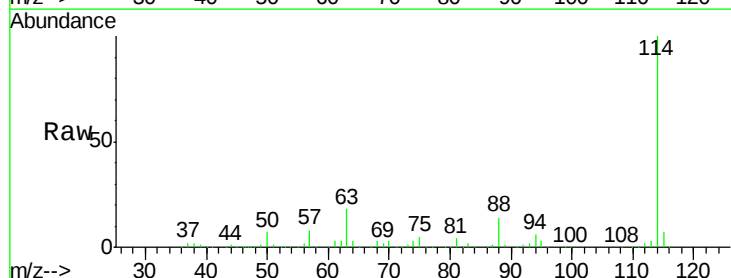
Tgt Ion: 114 Resp: 342377

Ion Ratio Lower Upper

114 100

63 17.7 0.0 37.0

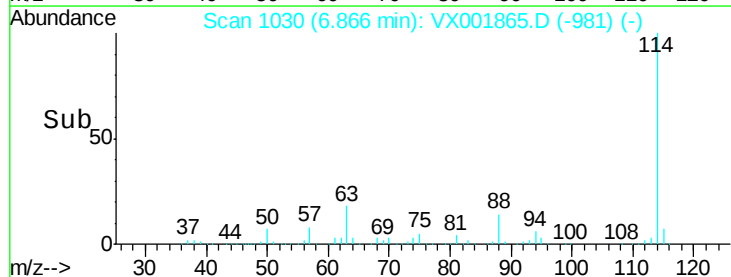
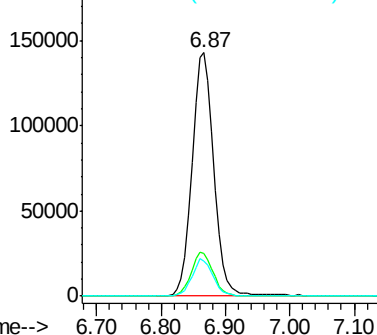
88 14.3 0.0 29.8

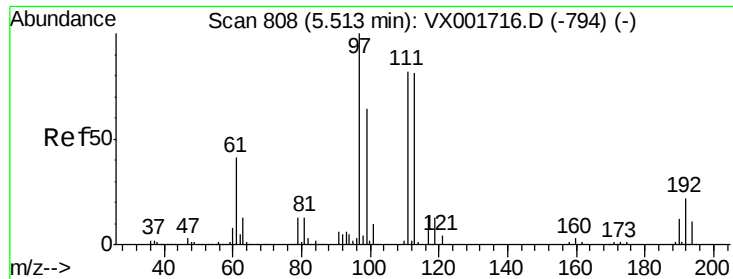


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.29 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX001865.D

Acq: 19 May 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#16

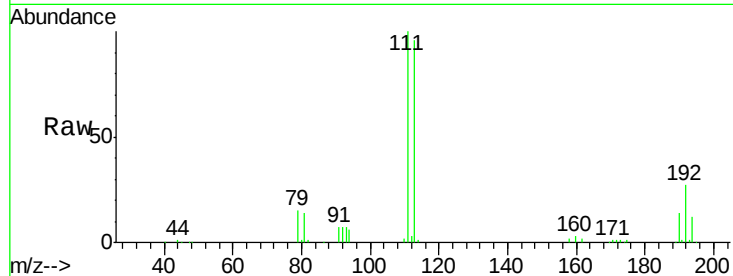
Tot Ion:113 Resp: 130845

Ion Ratio Lower Upper

113 100

111 101.9 82.0 123.0

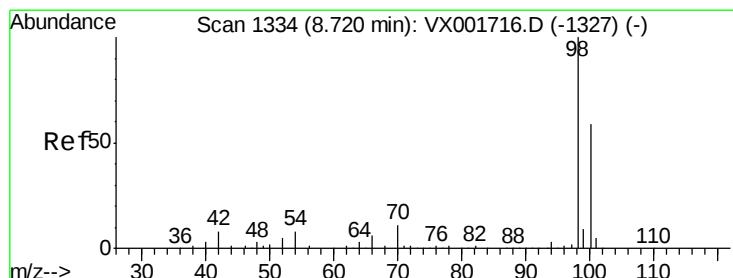
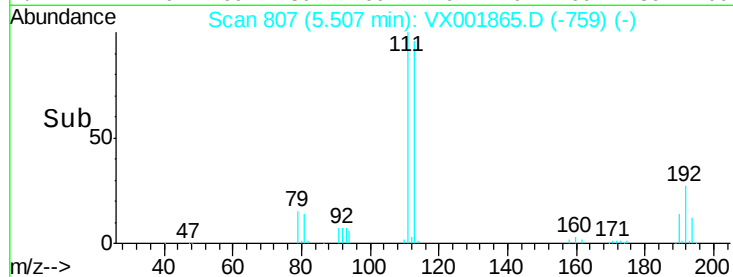
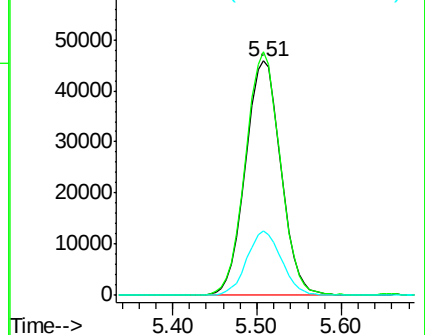
192 27.0 21.6 32.4



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



#50

Toluene-d8

Concen: 46.12 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX001865.D

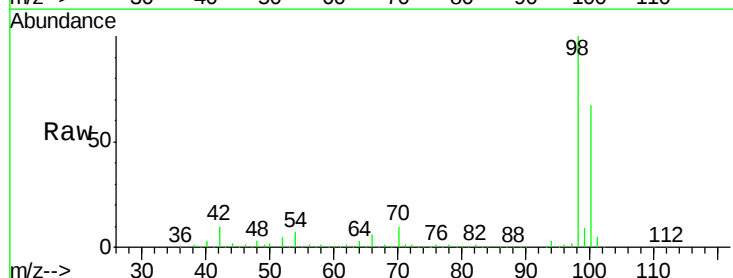
Acq: 19 May 2018 09:33

Tgt Ion: 98 Resp: 477292

Ion Ratio Lower Upper

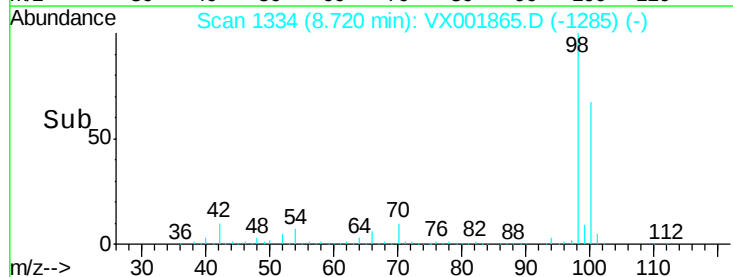
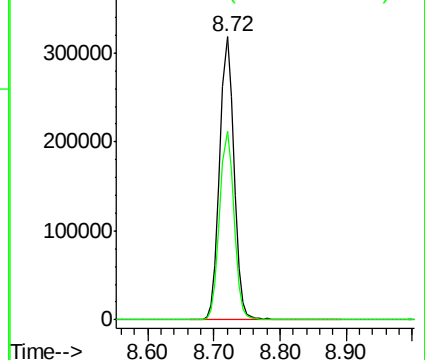
98 100

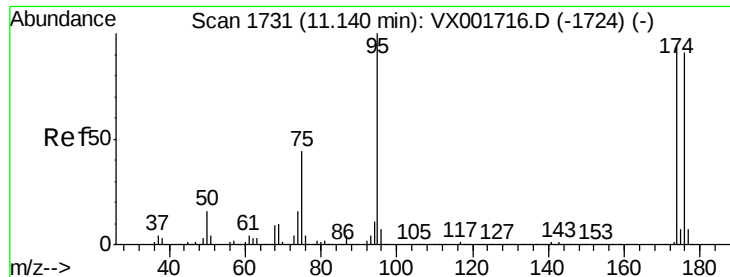
100 67.1 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

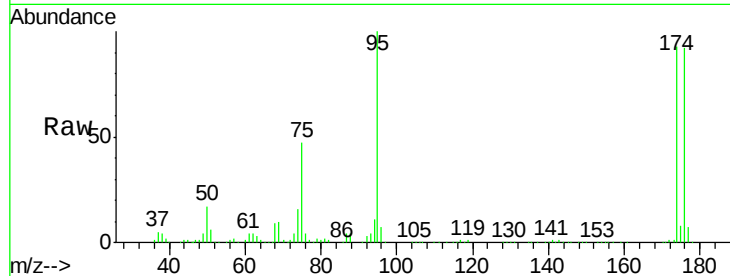




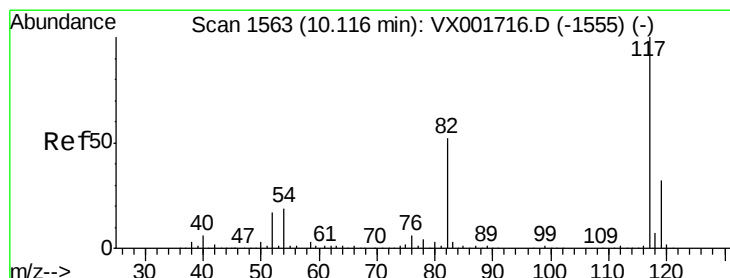
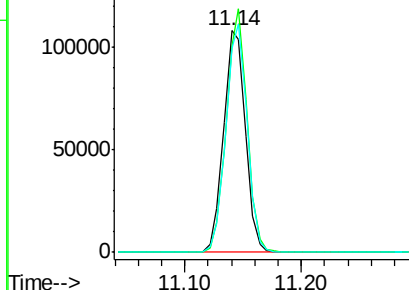
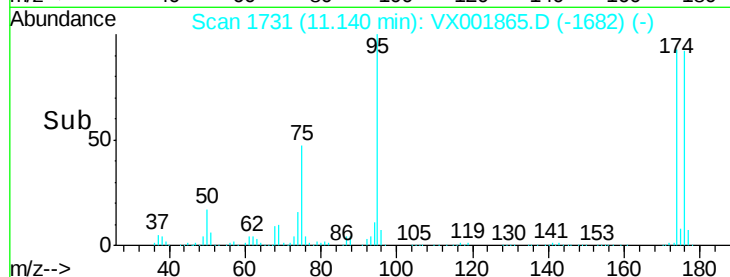
#62
4-Bromofluorobenzene
Concen: 37.33 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX001865.D
Acq: 19 May 2018 09:33

Instrument :
MSVOA_X
ClientSampleId :
PB109413ZHE#16

Tot Ion: 95 Resp: 139090
Ion Ratio Lower Upper
95 100
174 104.3 0.0 201.8
176 100.8 0.0 196.8

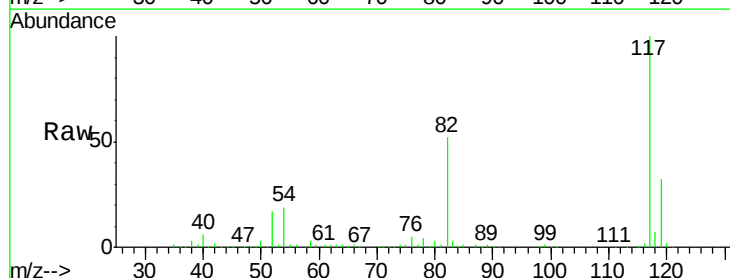


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

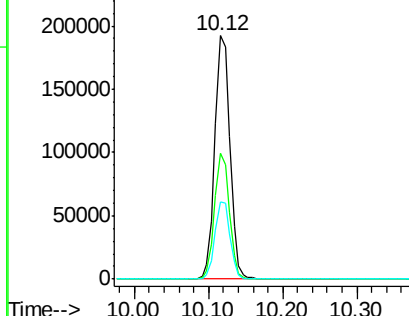
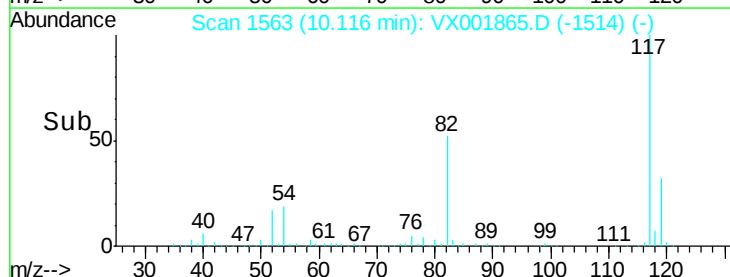


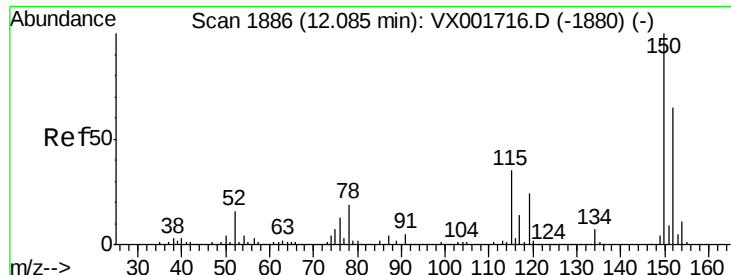
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX001865.D
Acq: 19 May 2018 09:33

Tgt Ion: 117 Resp: 267422
Ion Ratio Lower Upper
117 100
82 51.9 41.4 62.2
119 31.9 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: VX001865.D

Acq: 19 May 2018 09:33

Instrument :

MSVOA_X

ClientSampleId :

PB109413ZHE#16

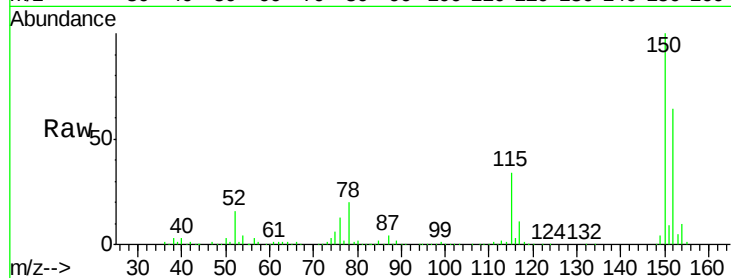
Tot Ion:152 Resp: 151428

Ion Ratio Lower Upper

152 100

115 52.2 37.4 112.2

150 155.2 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

