

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001614.D
 Acq On : 10 May 2018 20:48
 Operator : JC/MD
 Sample : J2836-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9A

Quant Time: May 11 07:10:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

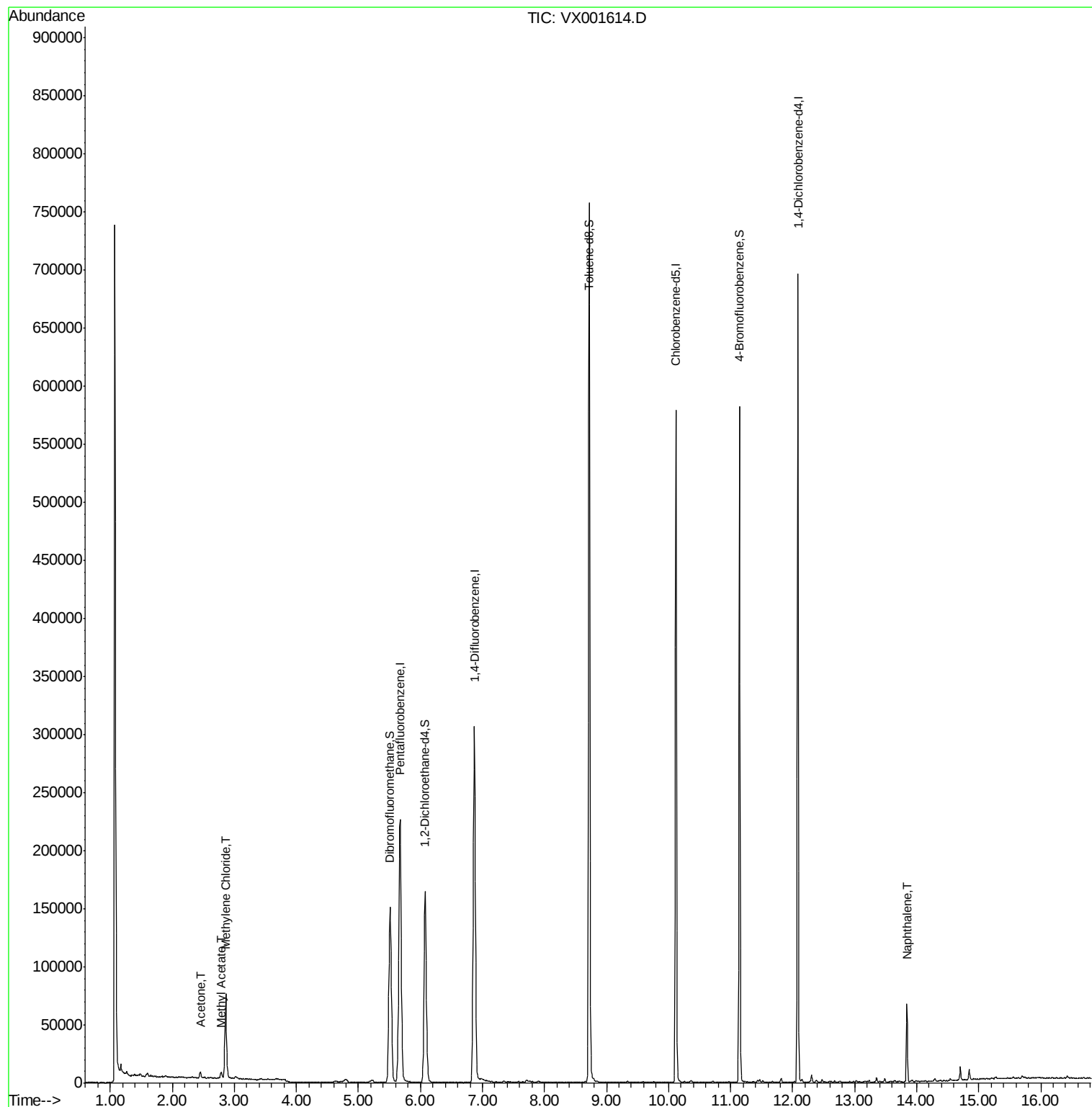
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	317345	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	158669	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
35) Dibromofluoromethane	5.51	113	122432	43.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.74%	
50) Toluene-d8	8.72	98	437598	42.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.94%	
62) 4-Bromofluorobenzene	11.15	95	138503	35.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.04%	
Target Compounds						
16) Acetone	2.45	43	5742	3.75	ug/l	99
18) Methyl Acetate	2.78	43	6538	1.63	ug/l	92
20) Methylene Chloride	2.86	84	33642	11.10	ug/l	98
95) Naphthalene	13.84	128	41495	3.82	ug/l	99

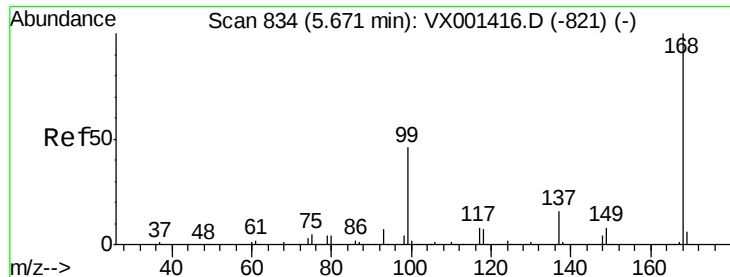
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001614.D

Acq: 10 May 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

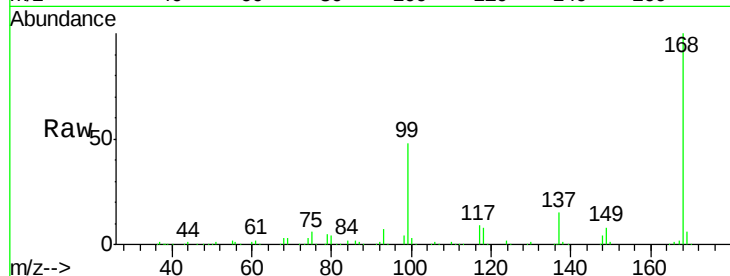
TP-9A

Tot Ion:168 Resp: 234634

Ion Ratio Lower Upper

168 100

99 47.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

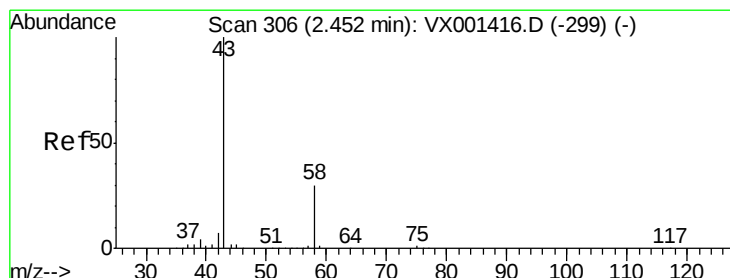
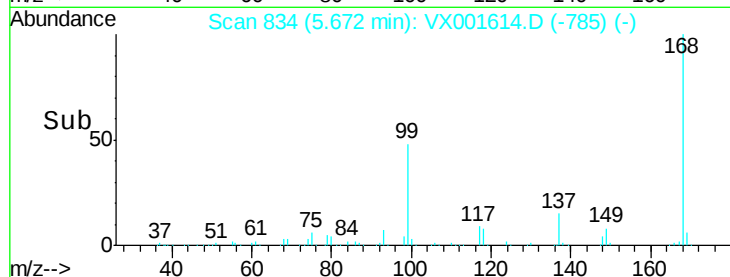
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.75 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001614.D

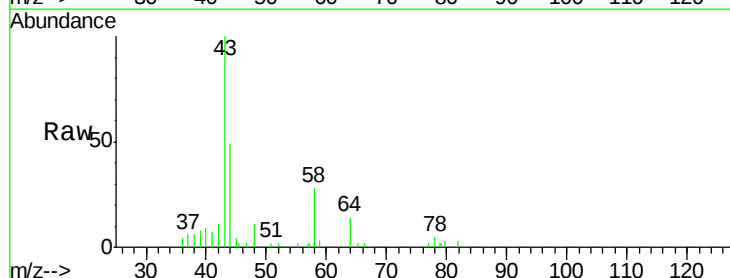
Acq: 10 May 2018 20:48

Tgt Ion: 43 Resp: 5742

Ion Ratio Lower Upper

43 100

58 29.3 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

4000

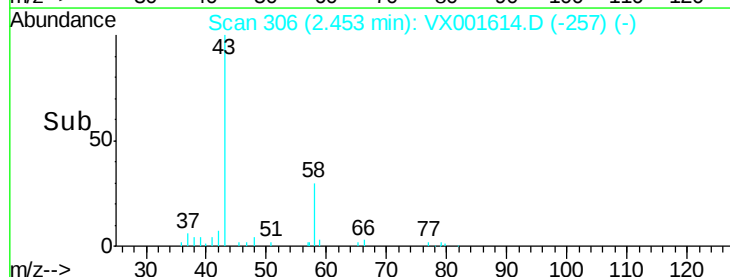
3000

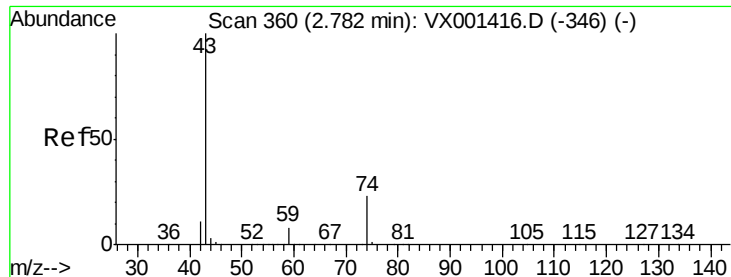
2000

1000

0

Time--> 2.40 2.45 2.50

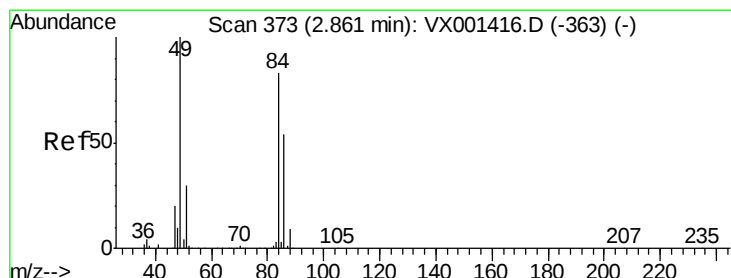
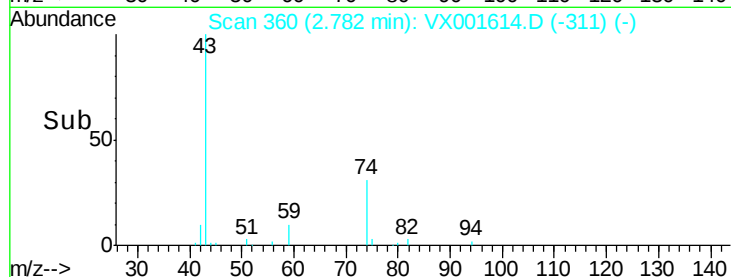
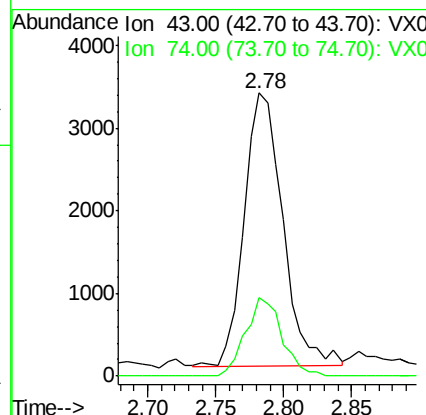
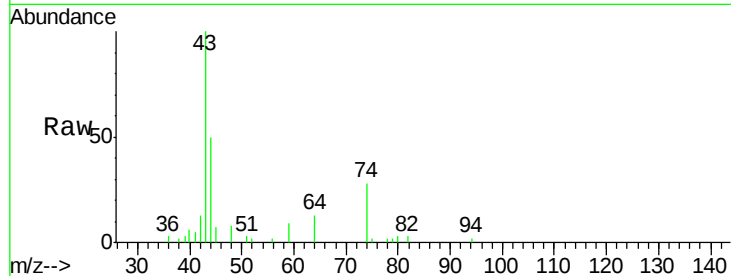




#18
Methvl Acetate
Concen: 1.63 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001614.D
Acq: 10 May 2018 20:48

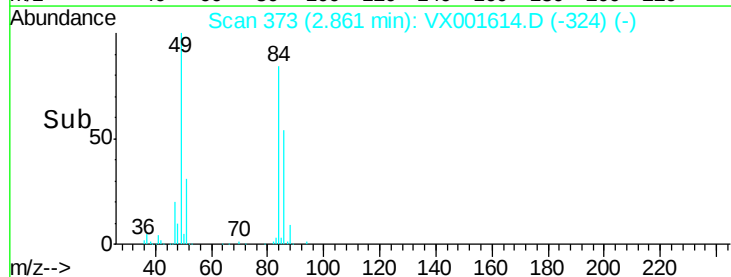
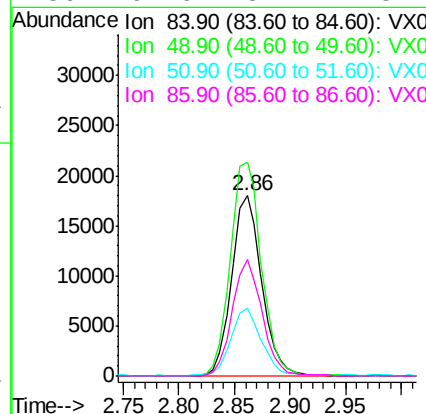
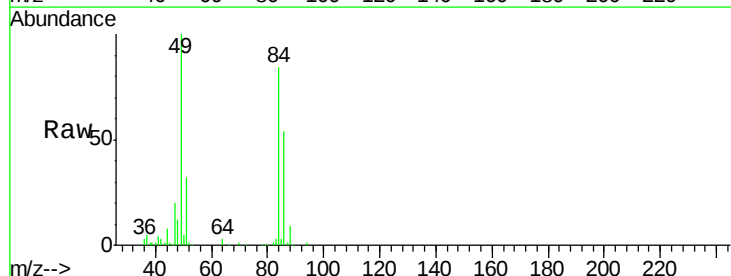
Instrument :
MSVOA_X
ClientSampleId :
TP-9A

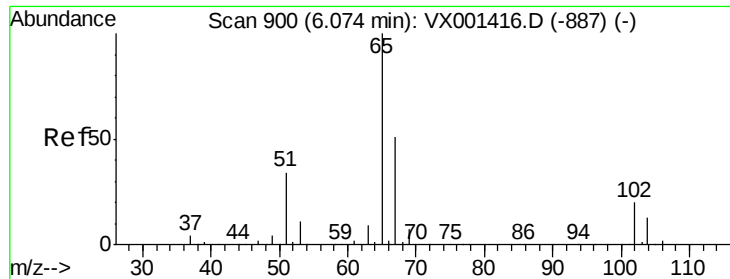
Tot Ion: 43 Resp: 6538
Ion Ratio Lower Upper
43 100
74 27.2 18.6 27.8



#20
Methylene Chloride
Concen: 11.10 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001614.D
Acq: 10 May 2018 20:48

Tgt Ion: 84 Resp: 33642
Ion Ratio Lower Upper
84 100
49 118.6 96.6 144.8
51 37.6 29.0 43.4
86 64.6 52.2 78.4

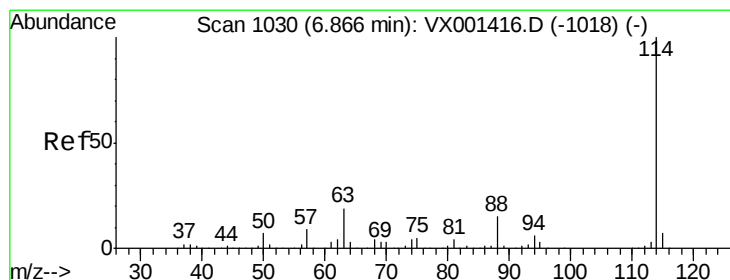
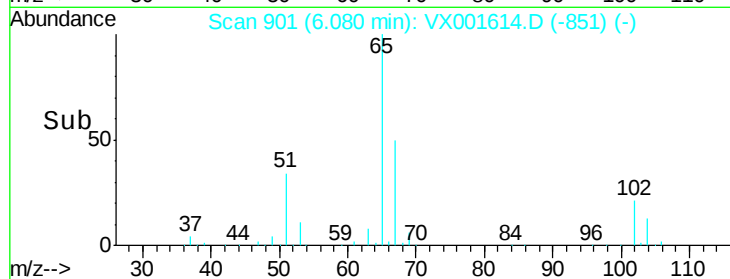
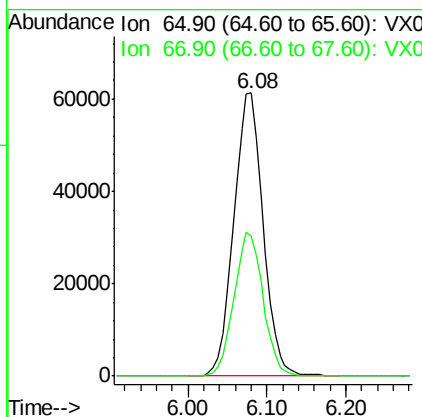
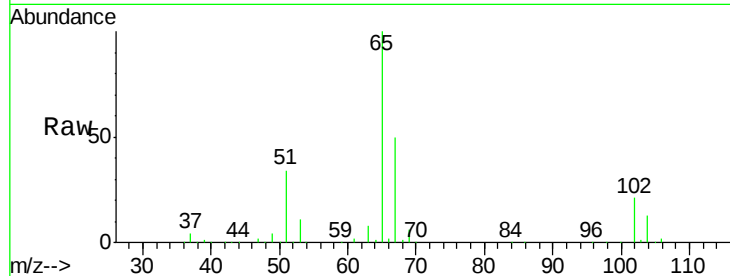




#33
 1,2-Dichloroethane-d4
 Concen: 47.05 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

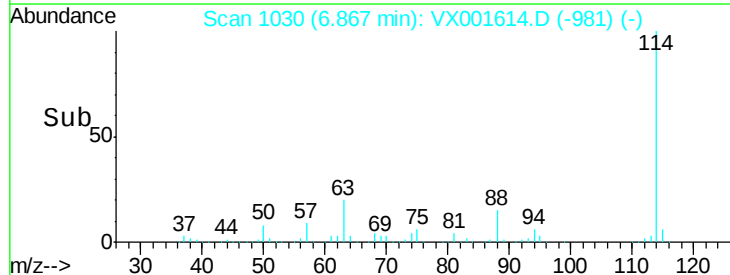
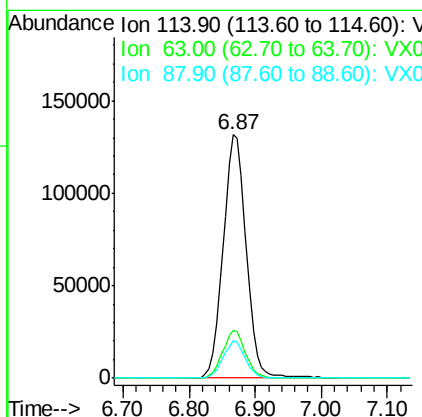
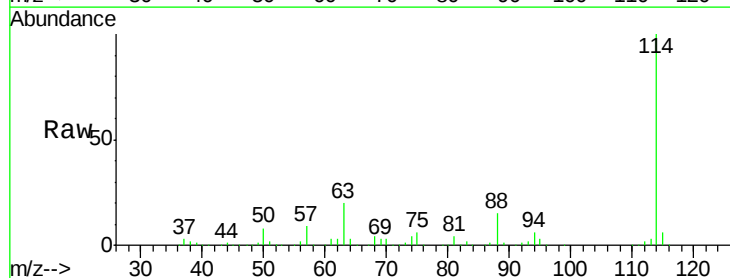
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9A

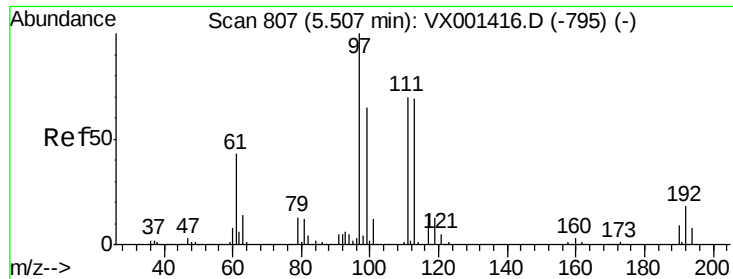
Tot Ion: 65 Resp: 158669
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

Tgt Ion: 114 Resp: 317345
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.5 0.0 30.8

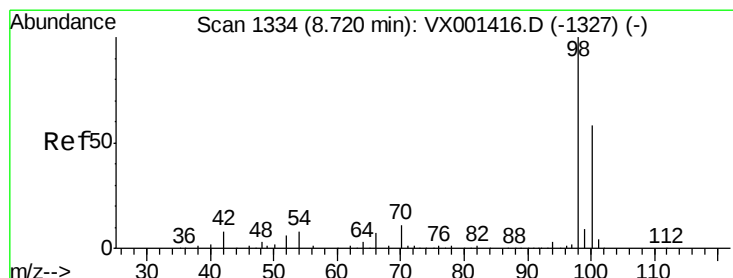
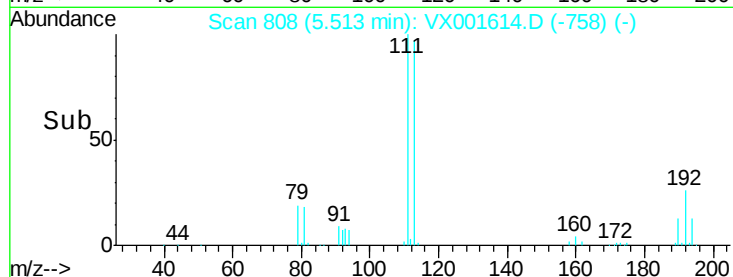
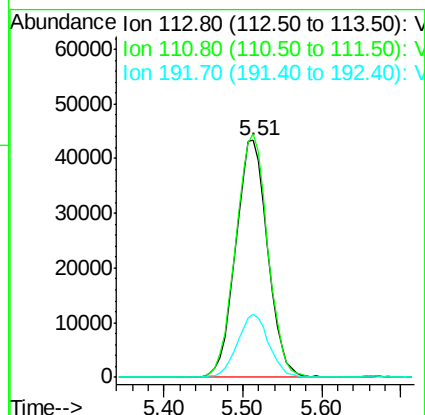
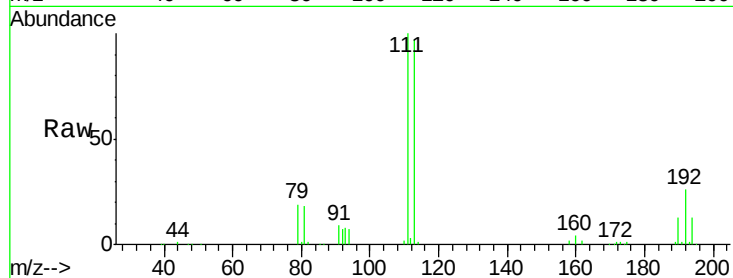




#35
 Dibromofluoromethane
 Concen: 43.37 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

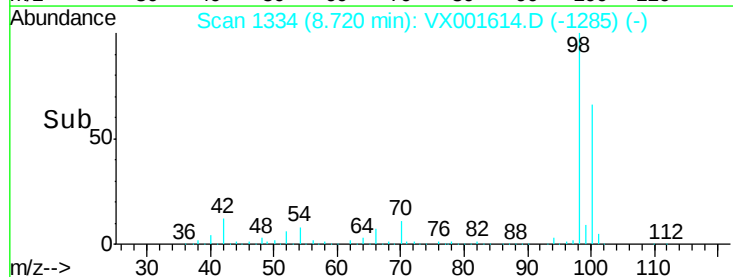
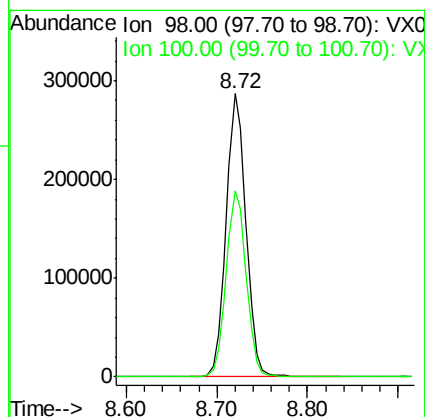
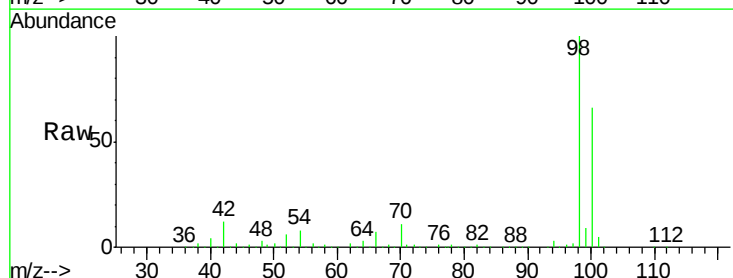
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9A

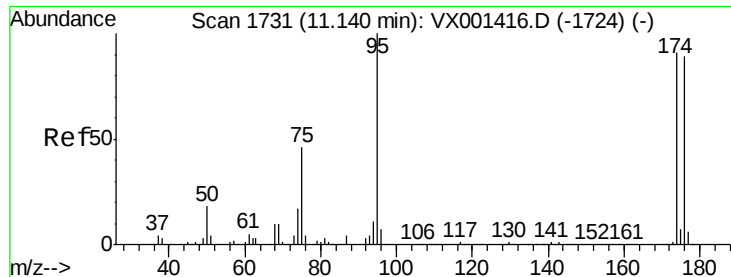
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	26.2	21.4	32.0



#50
 Toluene-d8
 Concen: 42.47 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001614.D
 Acq: 10 May 2018 20:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	54.0	81.0





#62

4-Bromofluorobenzene

Concen: 35.02 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001614.D

Acq: 10 May 2018 20:48

Instrument :

MSVOA_X

ClientSampleId :

TP-9A

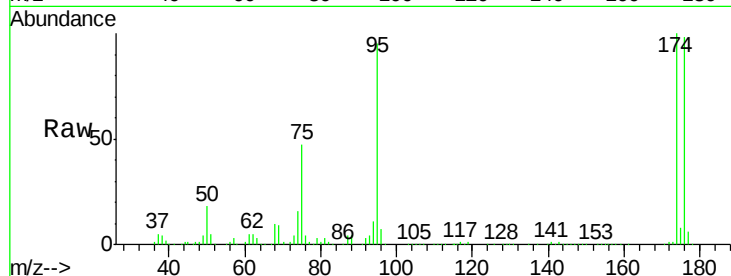
Tot Ion: 95 Resp: 138503

Ion Ratio Lower Upper

95 100

174 100.9 0.0 202.0

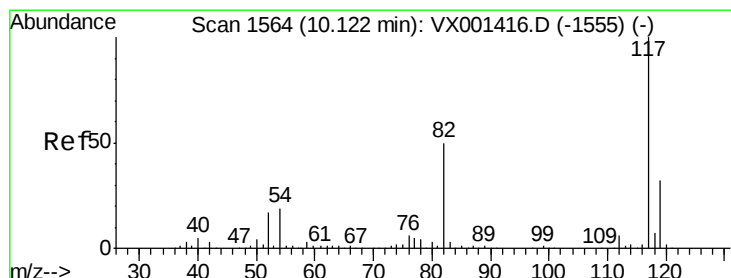
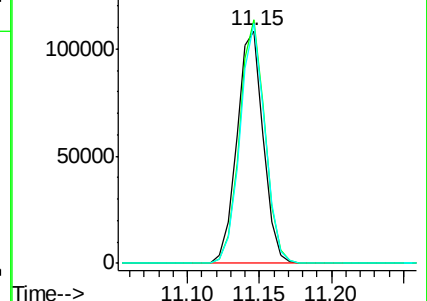
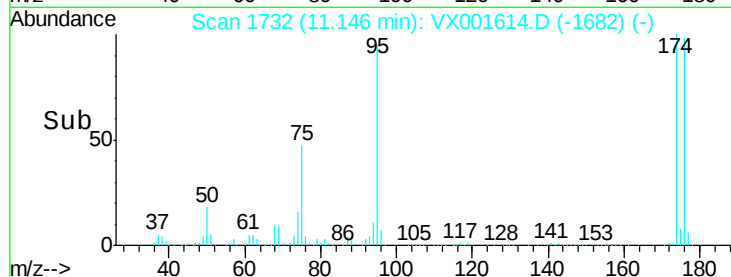
176 97.9 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001614.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001614.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001614.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX001614.D

Acq: 10 May 2018 20:48

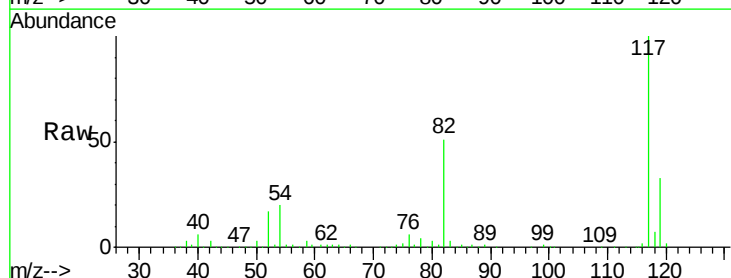
Tgt Ion: 117 Resp: 279110

Ion Ratio Lower Upper

117 100

82 50.8 40.0 60.0

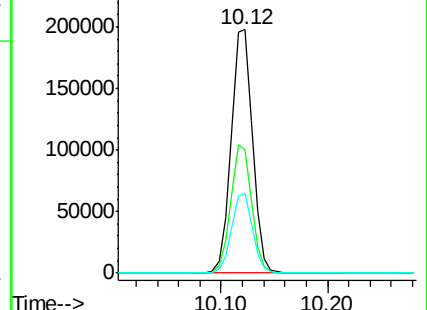
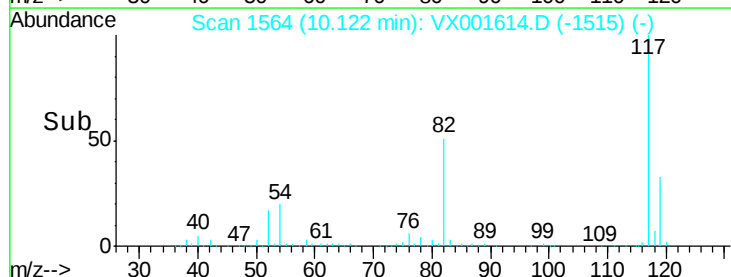
119 32.9 25.8 38.8

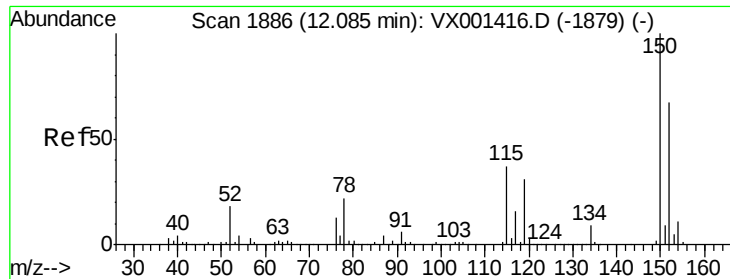


Abundance Ion 116.90 (116.60 to 117.60): VX001614.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX001614.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX001614.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001614.D

Acq: 10 May 2018 20:48

Instrument :

MSVOA_X

ClientSampled :

TP-9A

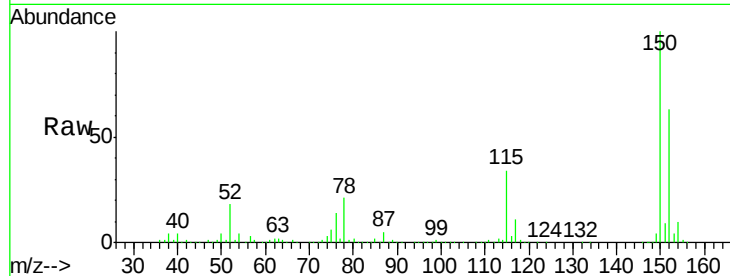
Tot Ion:152 Resp: 146745

Ion Ratio Lower Upper

152 100

115 53.1 37.7 113.1

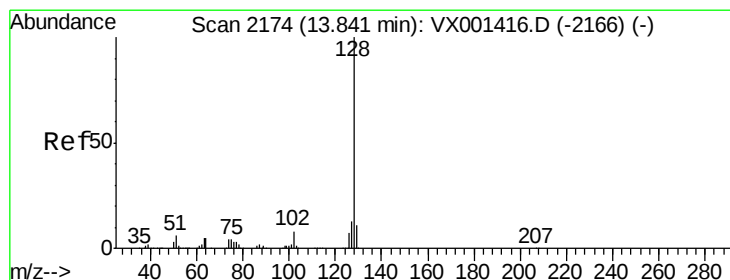
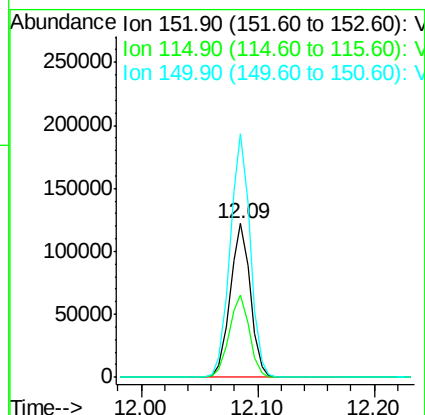
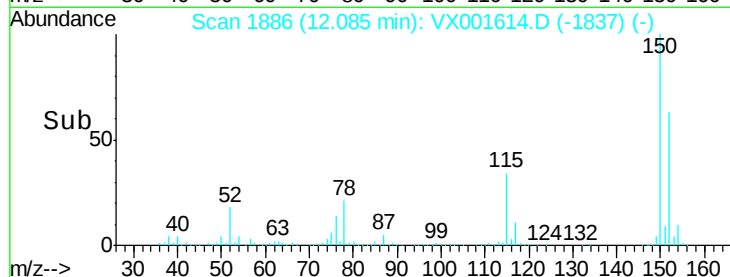
150 157.1 0.0 349.4



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



#95

Naphthalene

Concen: 3.82 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001614.D

Acq: 10 May 2018 20:48

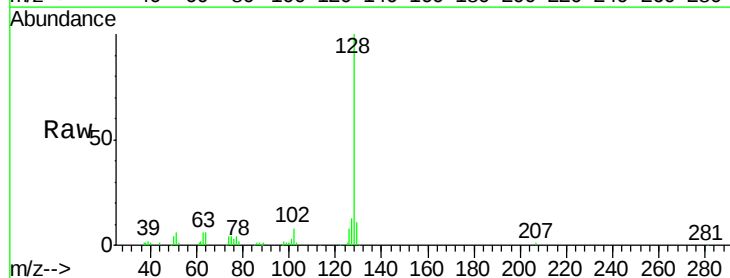
Tgt Ion:128 Resp: 41495

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 11.3 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

