

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002066.D
 Acq On : 27 May 2018 14:13
 Operator : JC/MD
 Sample : J2672-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BU-02-052318

Quant Time: May 29 07:38:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

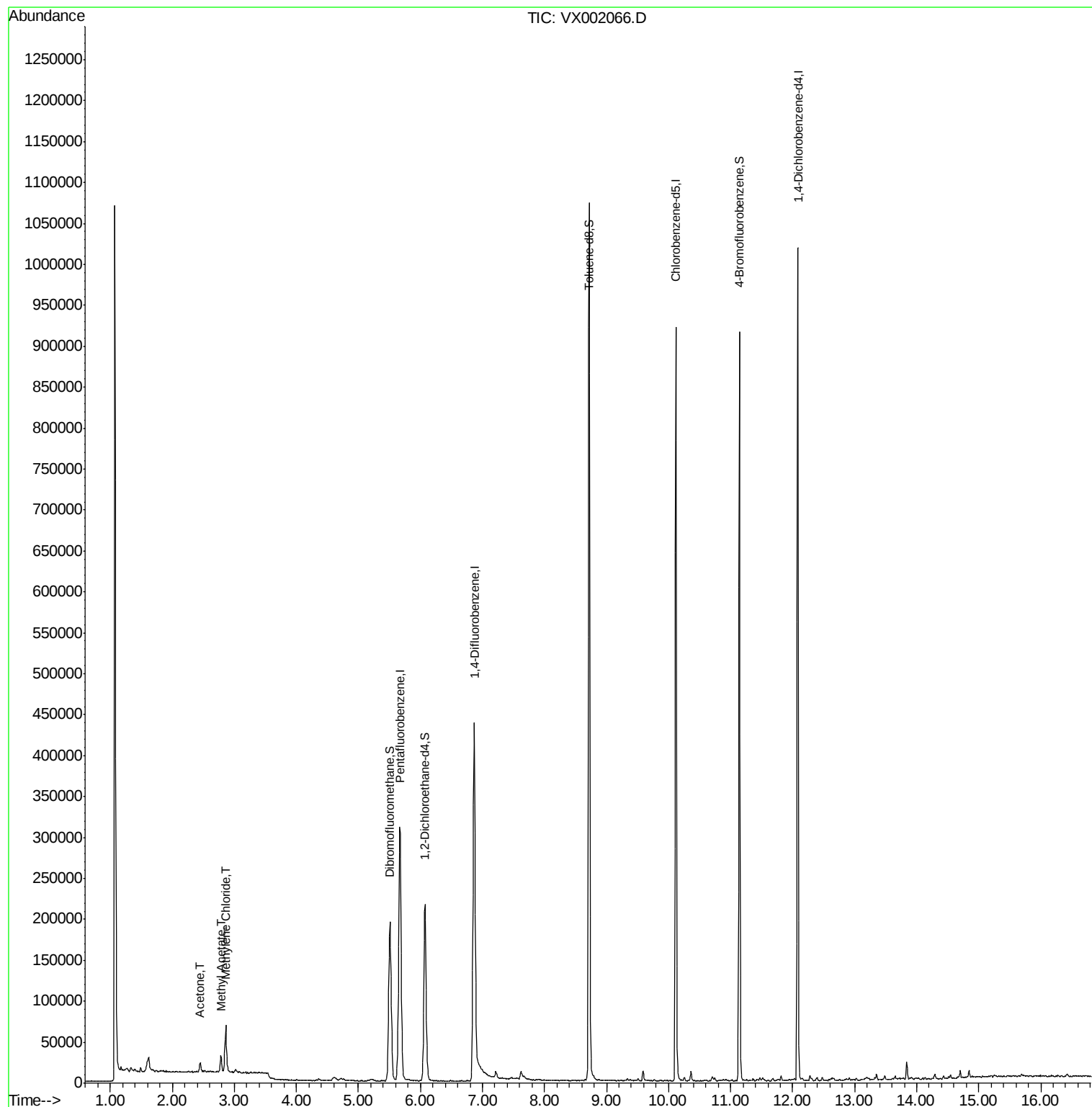
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	316771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	433923	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	389222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218092	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	204601	36.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.26%	
35) Dibromofluoromethane	5.51	113	159073	36.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.32%	
50) Toluene-d8	8.72	98	618973	39.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.80%	
62) 4-Bromofluorobenzene	11.14	95	221592	36.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.10%	
Target Compounds						
16) Acetone	2.45	43	13301	6.09	ug/l	96
18) Methyl Acetate	2.78	43	23554	3.42	ug/l	94
20) Methylene Chloride	2.86	84	26796	5.60	ug/l	96

(#) = 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# 833

Delta R.T. -0.01 min

Lab File: VX002066.D

Acq: 27 May 2018 14:13

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MSVOA_X

ClientSampleId :

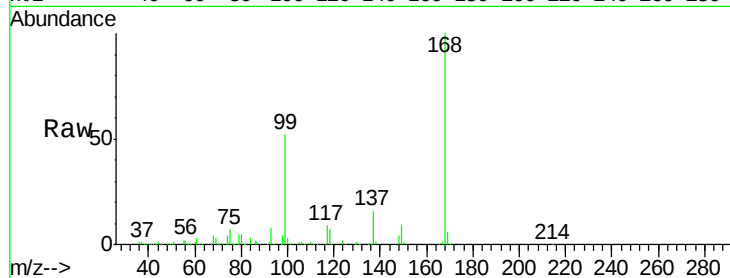
BU-02-052318

Tot Ion:168 Resp: 316771

Ion Ratio Lower Upper

168 100

99 51.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

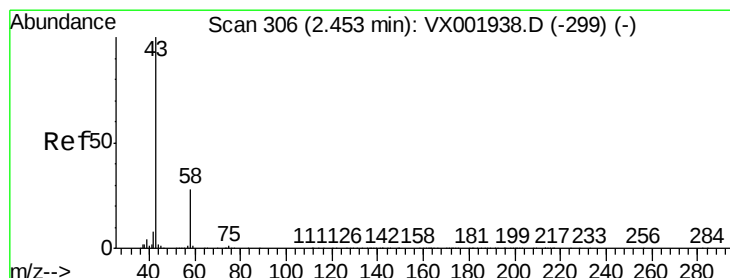
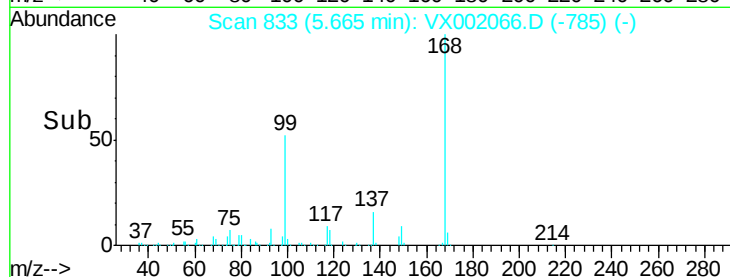
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.09 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002066.D

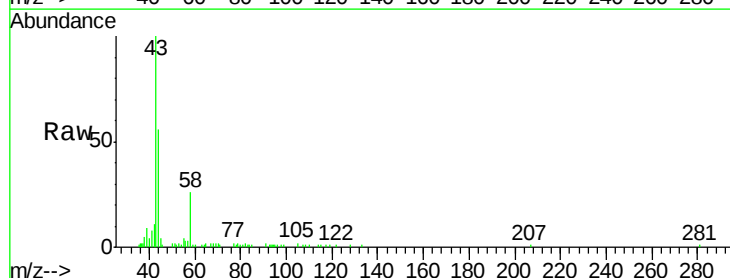
Acq: 27 May 2018 14:13

Tgt Ion: 43 Resp: 13301

Ion Ratio Lower Upper

43 100

58 25.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

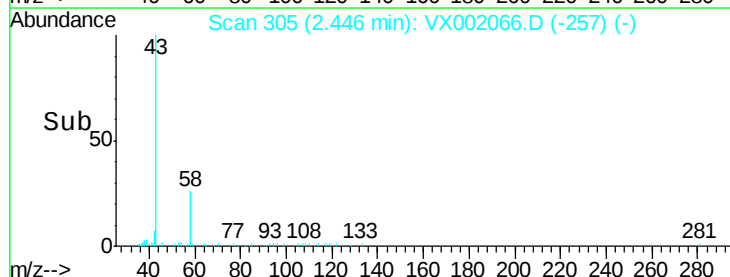
6000

4000

2000

0

Time--> 2.40 2.45 2.50

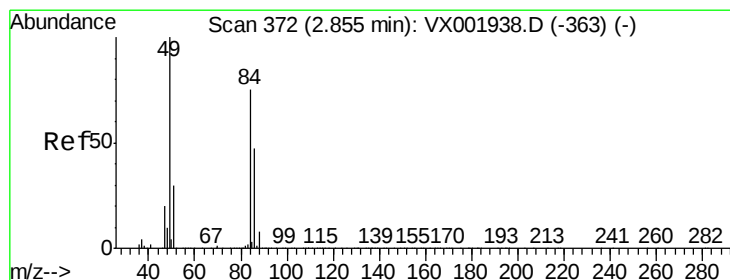
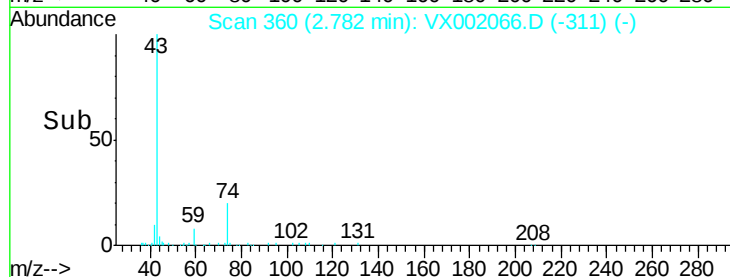
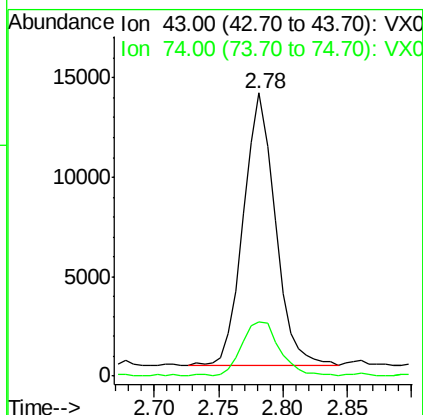
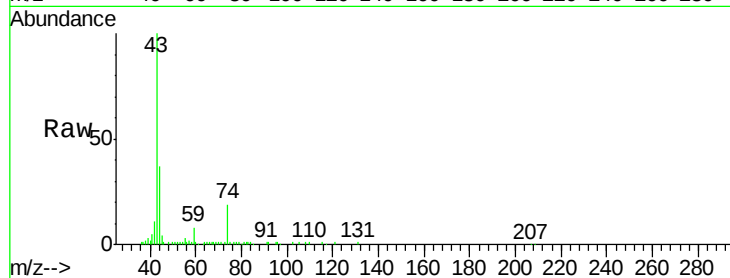




#18
Methvl Acetate
Concen: 3.42 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002066.D
Acq: 27 May 2018 14:13

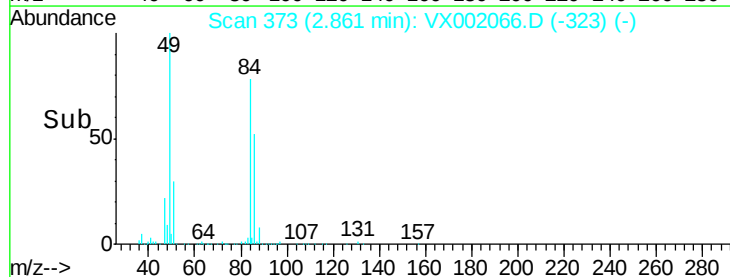
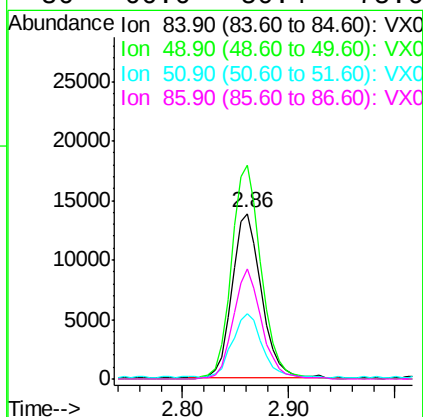
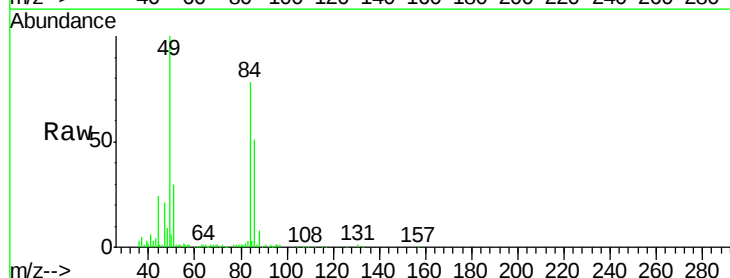
Instrument :
MSVOA_X
ClientSampleId :
BU-02-052318

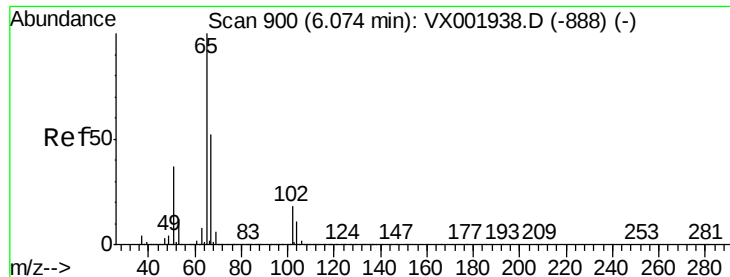
Tot Ion: 43 Resp: 23554
Ion Ratio Lower Upper
43 100
74 23.9 16.8 25.2



#20
Methylene Chloride
Concen: 5.60 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX002066.D
Acq: 27 May 2018 14:13

Tgt Ion: 84 Resp: 26796
Ion Ratio Lower Upper
84 100
49 129.6 107.2 160.8
51 38.3 32.4 48.6
86 66.6 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 36.13 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002066.D

Acq: 27 May 2018 14:13

Instrument :

MSVOA_X

ClientSampleId :

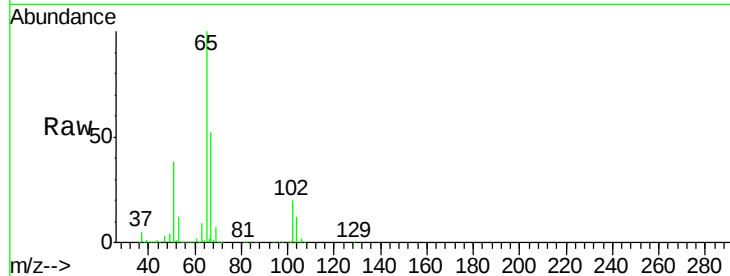
BU-02-052318

Tot Ion: 65 Resp: 204601

Ion Ratio Lower Upper

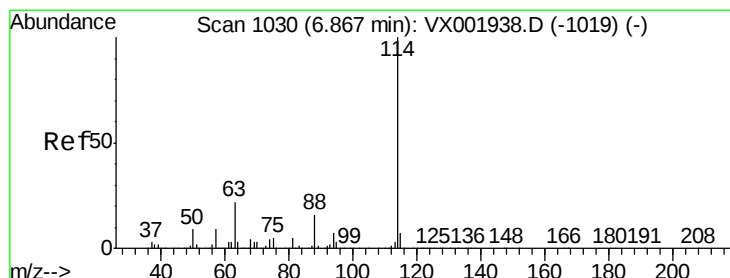
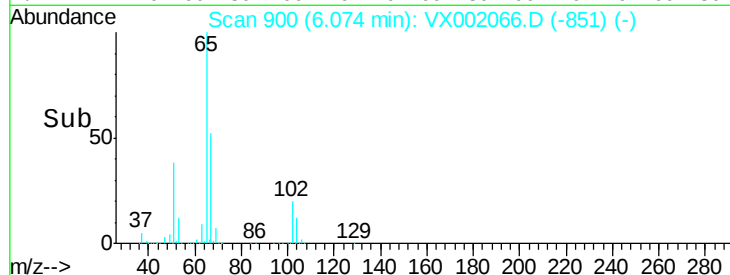
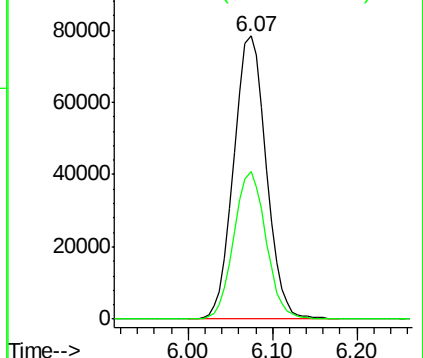
65 100

67 51.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002066.D

Acq: 27 May 2018 14:13

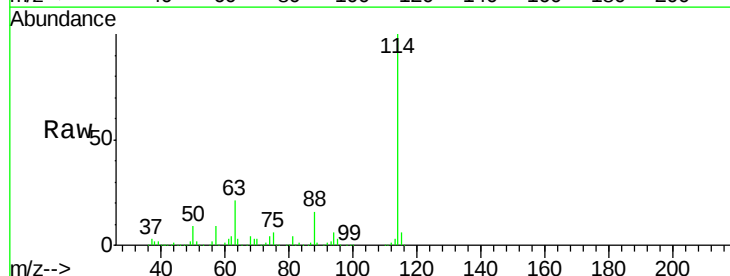
Tgt Ion: 114 Resp: 433923

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

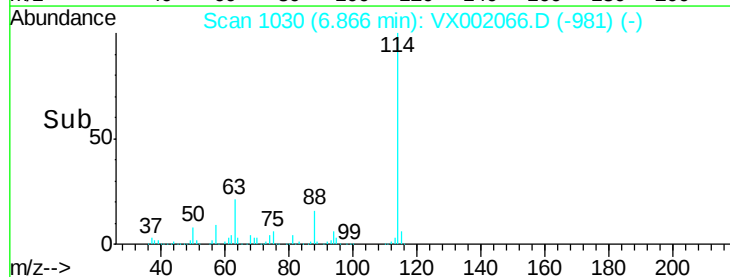
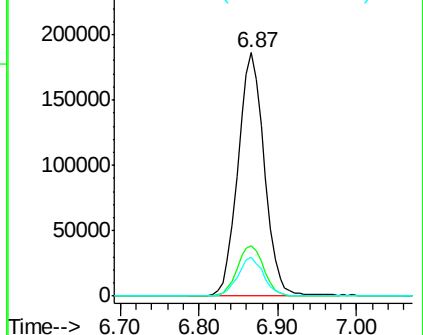
88 15.9 0.0 31.6

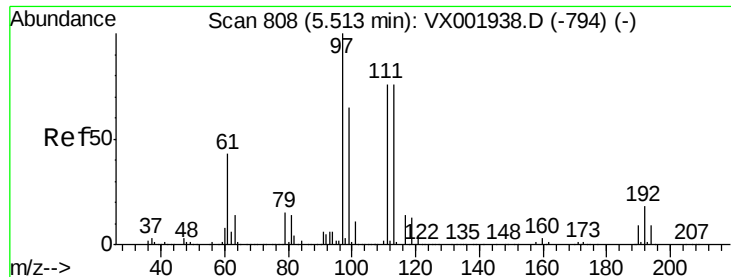


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 36.66 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.01 min

Lab File: VX002066.D

Acq: 27 May 2018 14:13

Instrument :

MSVOA_X

ClientSampleId :

BU-02-052318

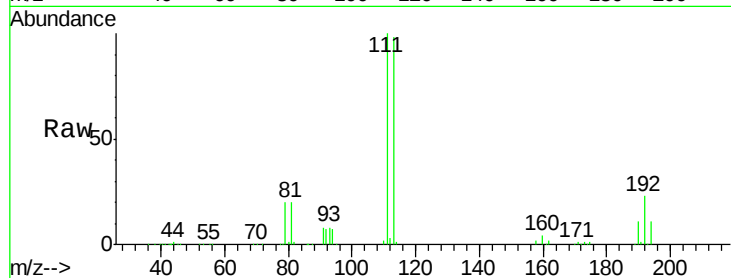
Tot Ion:113 Resp: 159073

Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

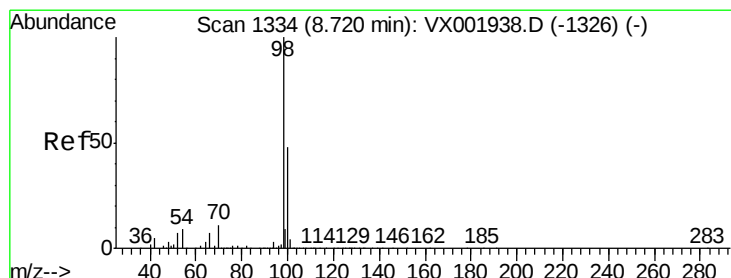
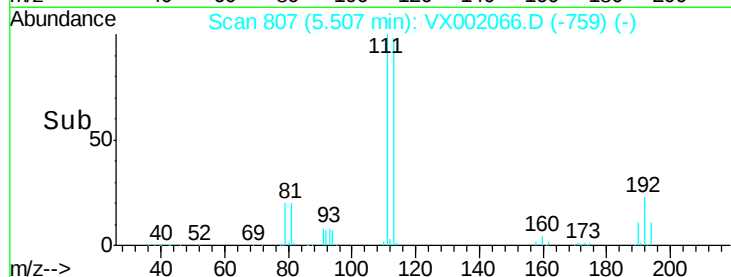
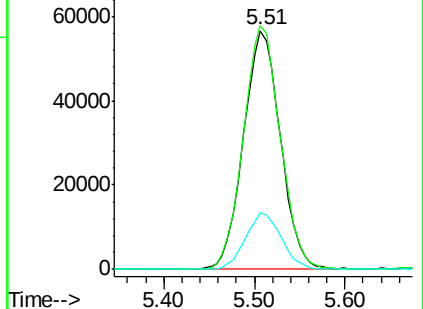
192 22.9 18.9 28.3



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: 39.40 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002066.D

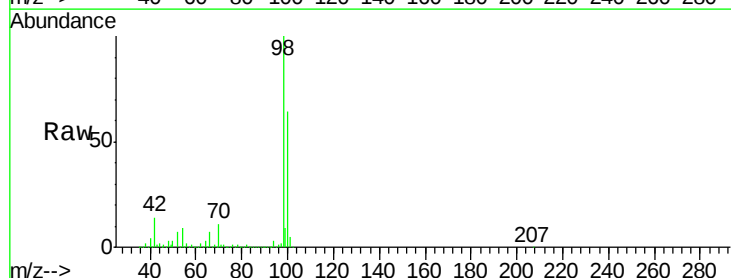
Acq: 27 May 2018 14:13

Tgt Ion: 98 Resp: 618973

Ion Ratio Lower Upper

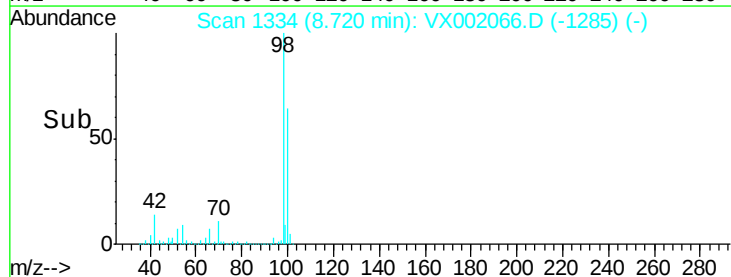
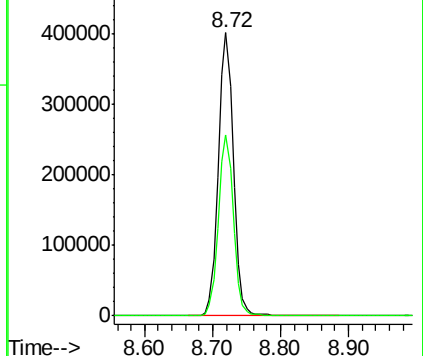
98 100

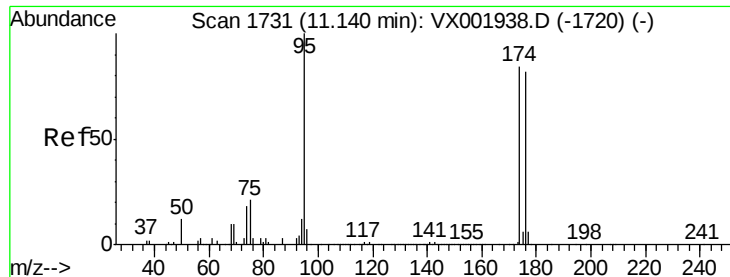
100 63.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

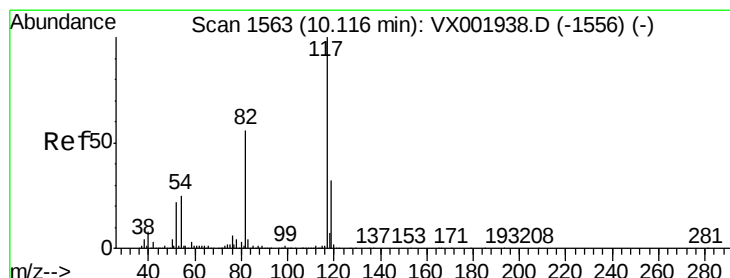
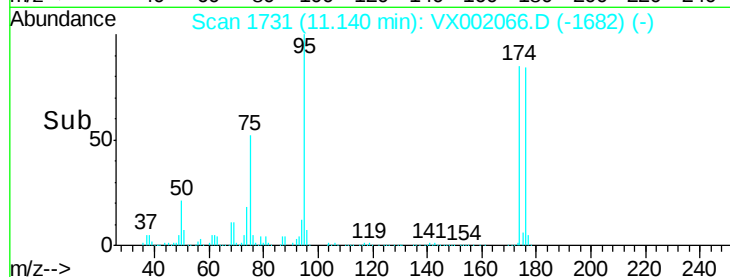
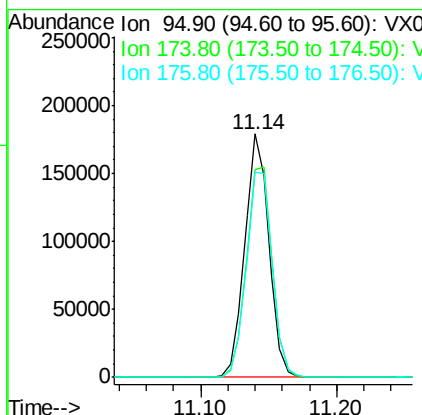
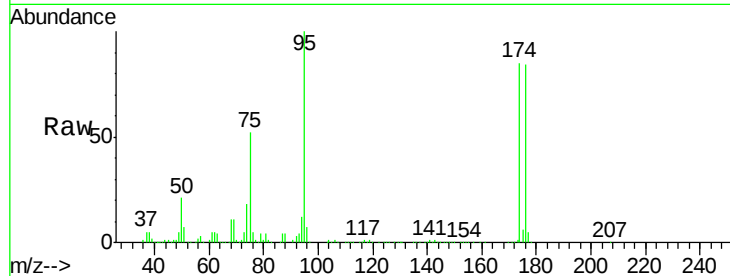




#62
4-Bromofluorobenzene
Concen: 36.05 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002066.D
Acq: 27 May 2018 14:13

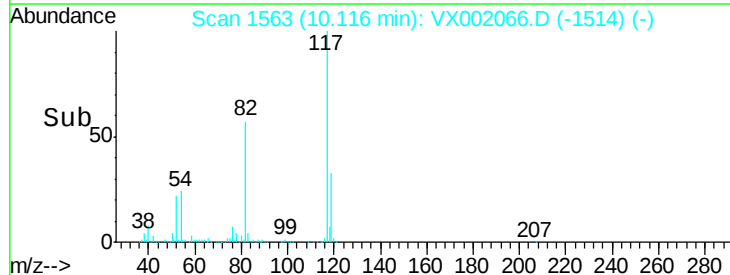
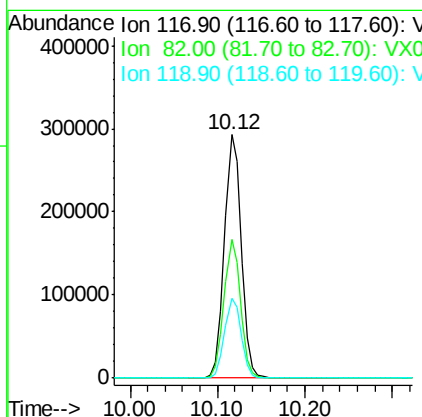
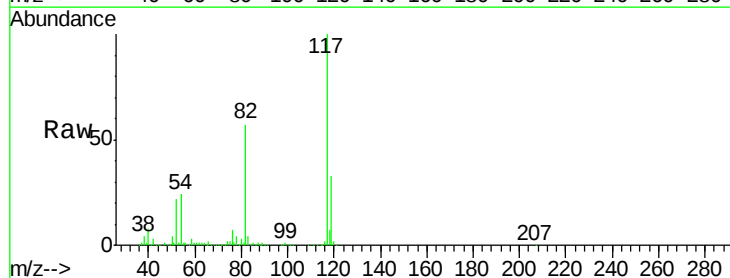
Instrument :
MSVOA_X
ClientSampleId :
BU-02-052318

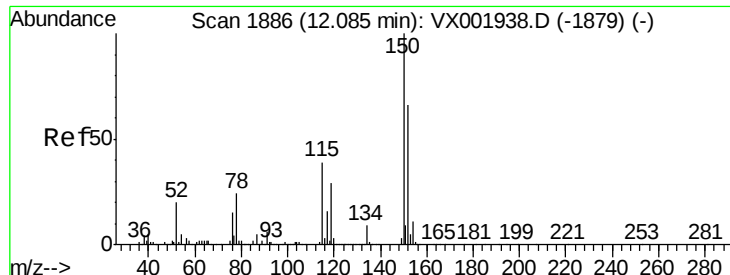
Tot Ion	95	Resp	221592
Ion Ratio	Lower	Upper	
95	100		
174	93.0	0.0	178.8
176	90.9	0.0	175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002066.D
Acq: 27 May 2018 14:13

Tgt Ion	117	Resp	389222
Ion Ratio	Lower	Upper	
117	100		
82	56.7	44.8	67.2
119	32.8	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002066.D

Acq: 27 May 2018 14:13

Instrument :

MSVOA_X

ClientSampleId :

BU-02-052318

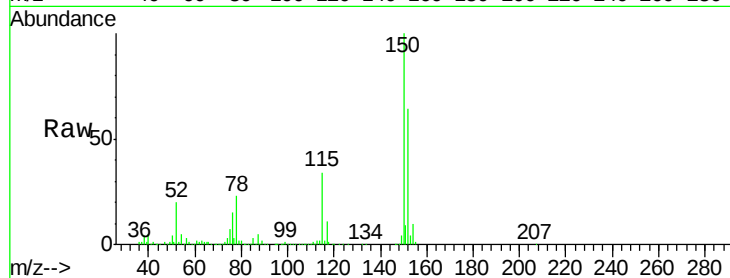
Tot Ion:152 Resp: 218092

Ion Ratio Lower Upper

152 100

115 55.6 42.3 126.8

150 156.0 0.0 351.0



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

