

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002073.D
 Acq On : 27 May 2018 17:18
 Operator : JC/MD
 Sample : J2679-28
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 29 04:02:37 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

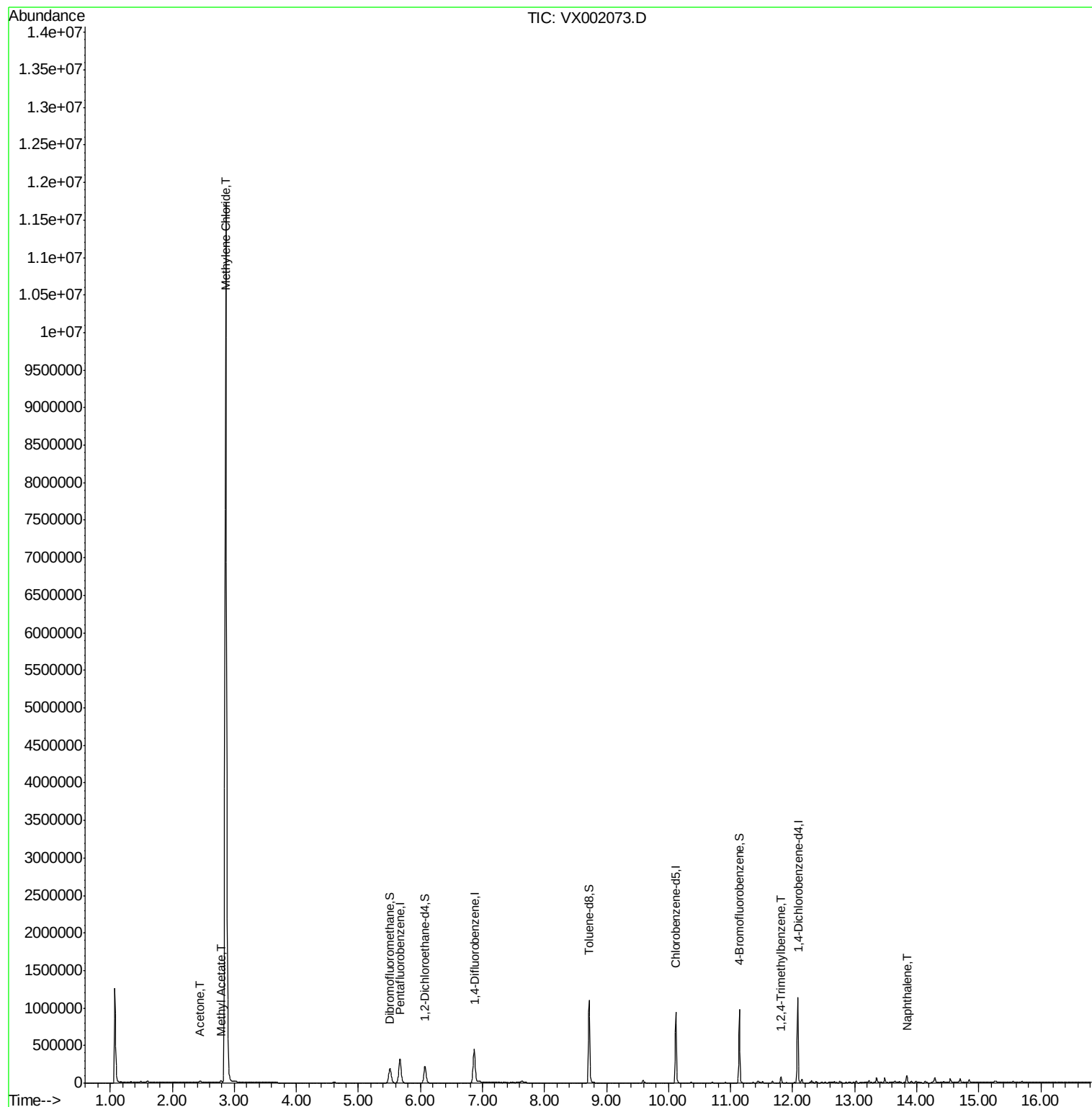
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	319980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	447550	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	408775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236654	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	210997	36.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.78%	
35) Dibromofluoromethane	5.51	113	162223	36.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.50%	
50) Toluene-d8	8.72	98	638678	39.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.84%	
62) 4-Bromofluorobenzene	11.14	95	235946	37.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.44%	
Target Compounds						
16) Acetone	2.45	43	18458	8.36	ug/l	98
18) Methyl Acetate	2.78	43	25433	3.73	ug/l	100
20) Methylene Chloride	2.86	84	5404541	1461.12	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	34381	1.94	ug/l	100
95) Naphthalene	13.84	128	60244	2.82	ug/l	99

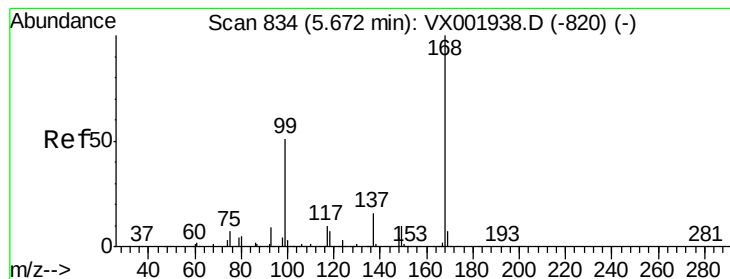
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002073.D

Acq: 27 May 2018 17:18

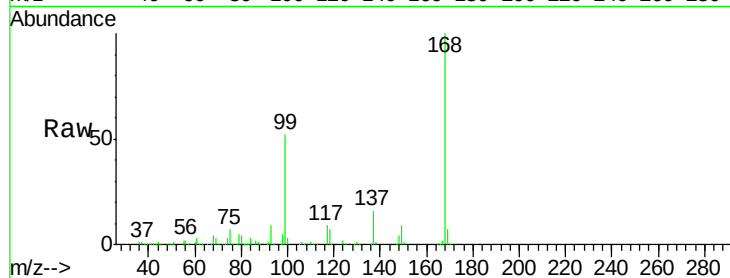
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 319980

Ion Ratio Lower Upper

168 100

99 52.2 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

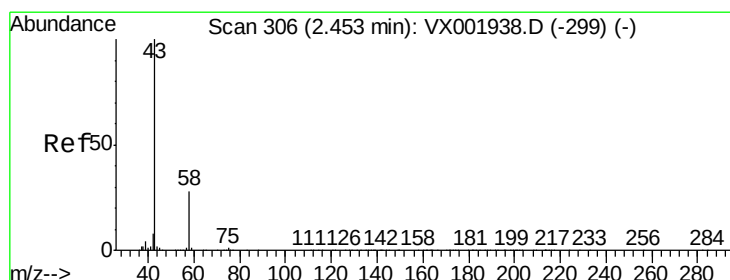
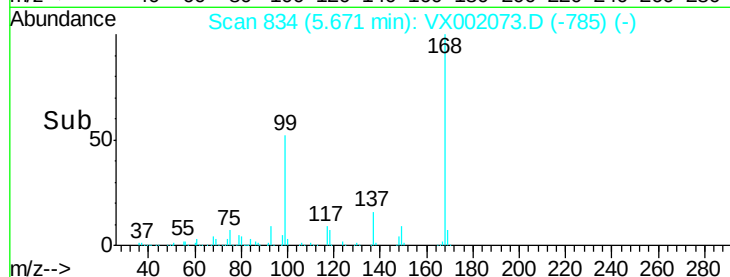
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.36 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002073.D

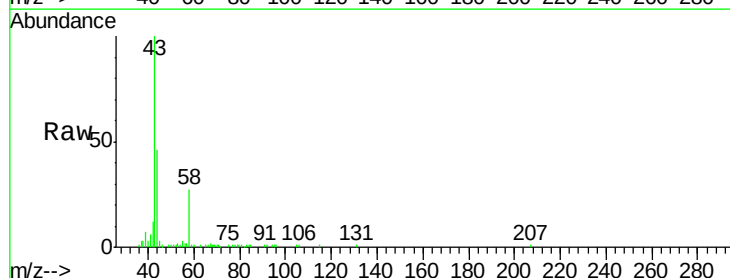
Acq: 27 May 2018 17:18

Tgt Ion: 43 Resp: 18458

Ion Ratio Lower Upper

43 100

58 26.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

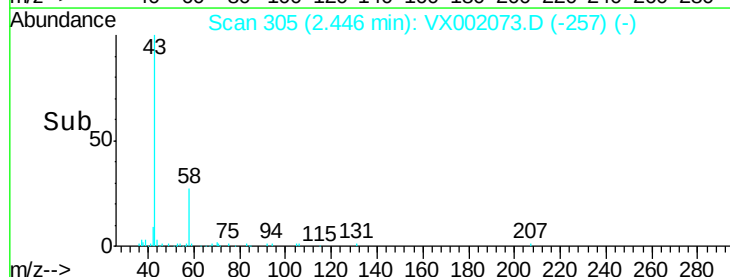
2.45

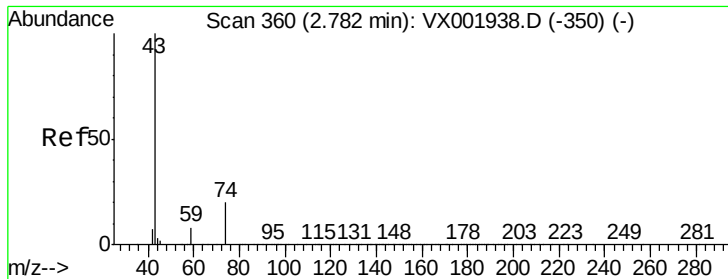
10000

5000

0

Time--> 2.40 2.45 2.50





#18

Methvl Acetate

Concen: 3.73 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002073.D

Acq: 27 May 2018 17:18

Instrument :

MSVOA_X

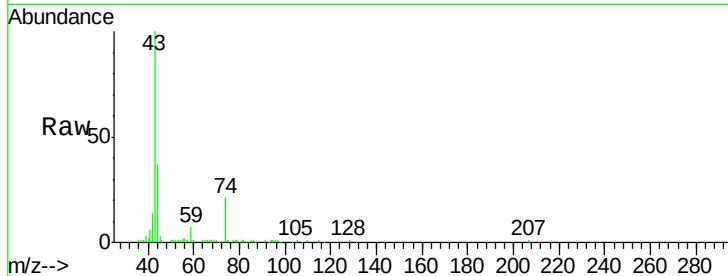
ClientSampleId :

Tot Ion: 43 Resp: 25433

Ion Ratio Lower Upper

43 100

74 21.0 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

15000

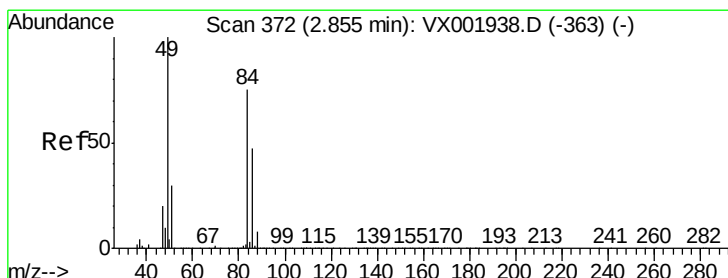
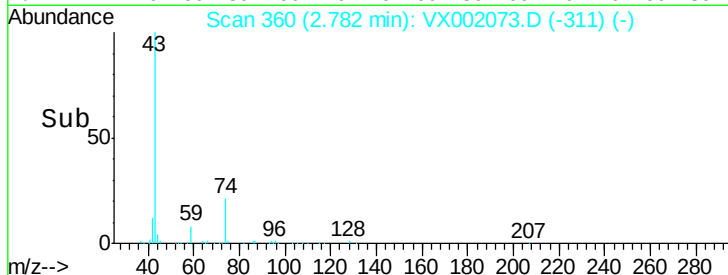
10000

5000

0

2.70 2.75 2.80 2.85

Time-->



#20

Methylene Chloride

Concen: 1461.12 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX002073.D

Acq: 27 May 2018 17:18

Tgt Ion: 84 Resp: 5404541

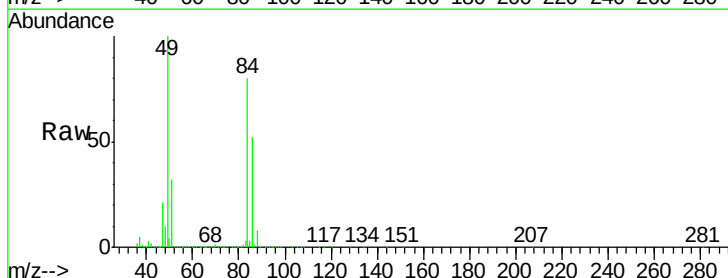
Ion Ratio Lower Upper

84 100

49 125.8 107.2 160.8

51 39.8 32.4 48.6

86 65.4 50.4 75.6



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

5000000

4000000

3000000

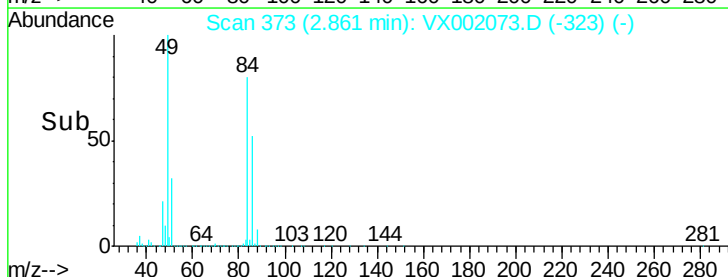
2000000

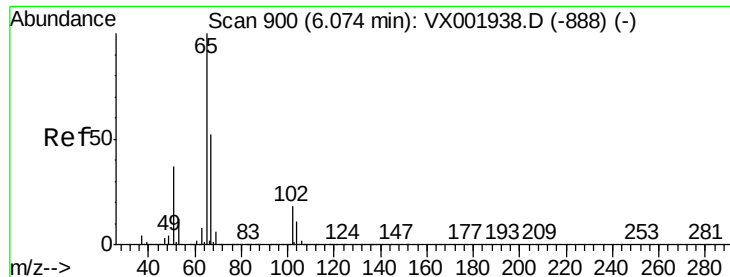
1000000

0

2.70 2.80 2.90 3.00 3.10

Time-->

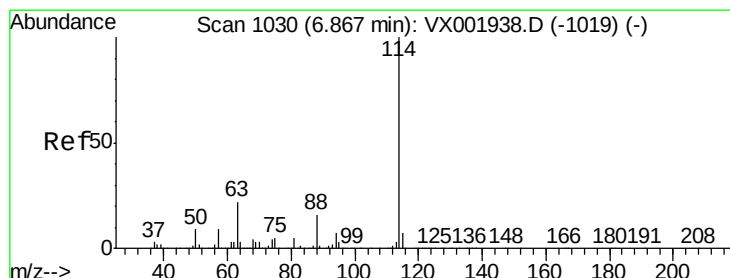
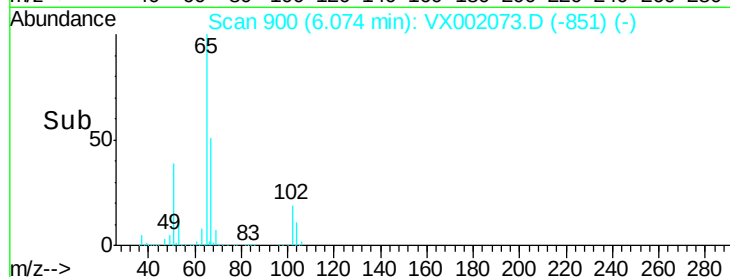
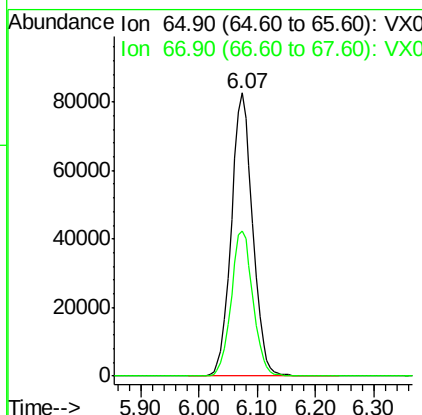
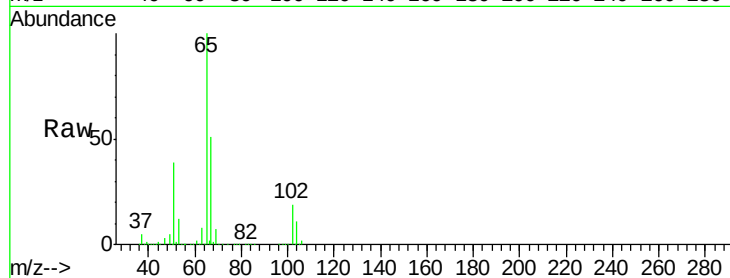




#33
 1,2-Dichloroethane-d4
 Concen: 36.89 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: VX002073.D
 Acq: 27 May 2018 17:18

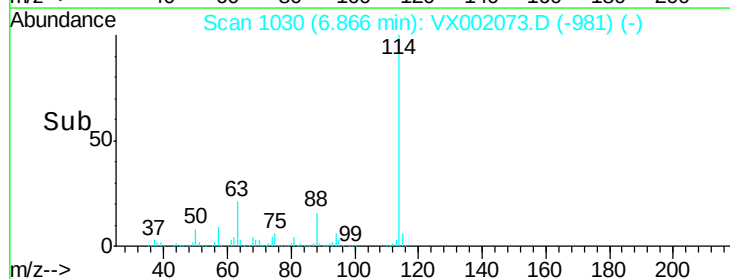
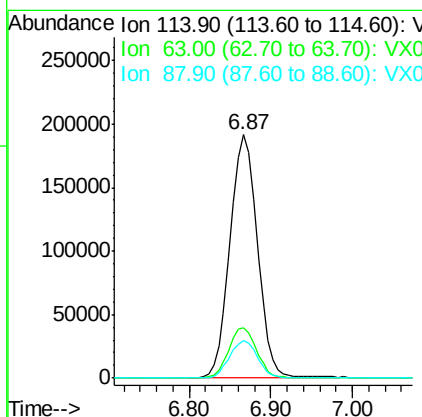
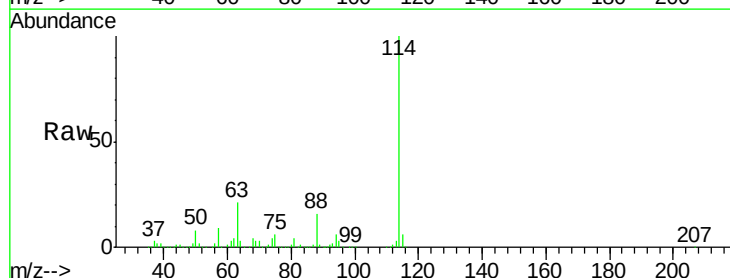
Instrument :
 MSVOA_X
 ClientSampleId :

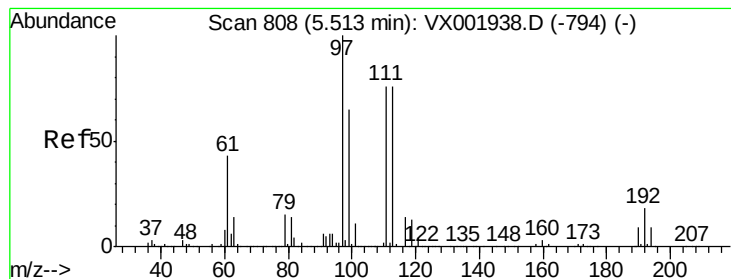
Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VX002073.D
 Acq: 27 May 2018 17:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	15.6	0.0	31.6





#35

Dibromofluoromethane

Concen: 36.25 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX002073.D

Acq: 27 May 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :

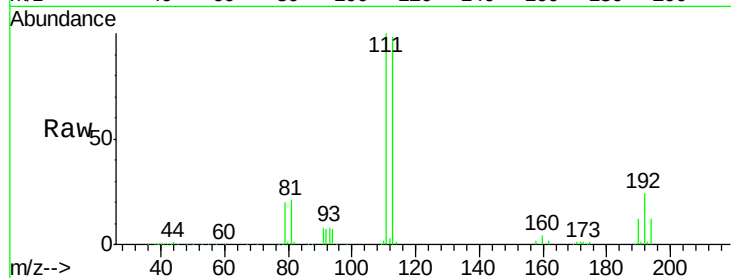
Tot Ion:113 Resp: 162223

Ion Ratio Lower Upper

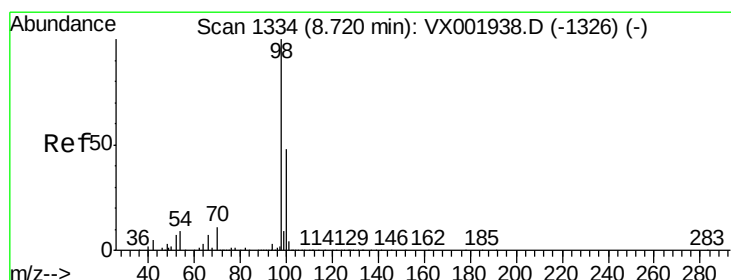
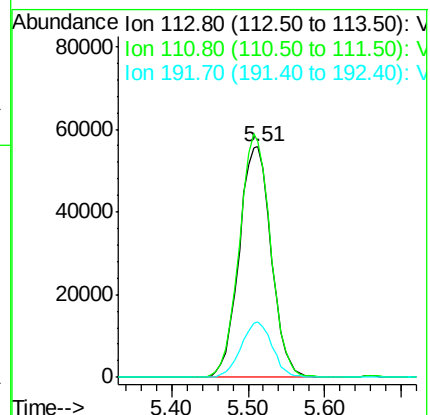
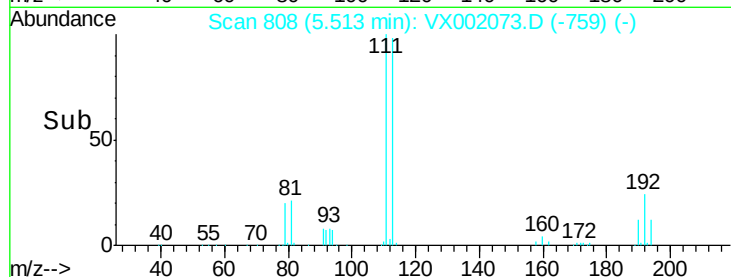
113 100

111 102.8 82.0 123.0

192 23.4 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: 39.42 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002073.D

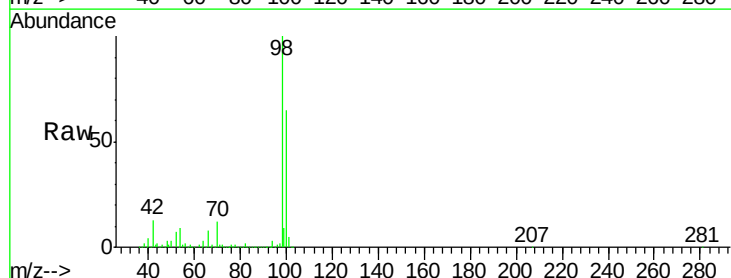
Acq: 27 May 2018 17:18

Tgt Ion: 98 Resp: 638678

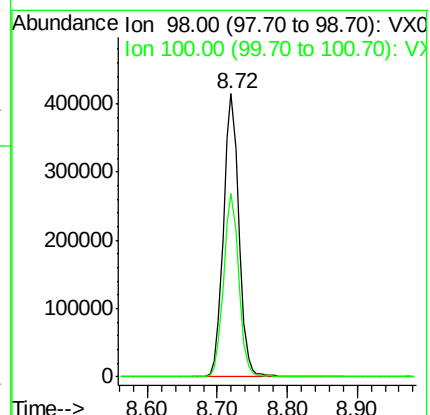
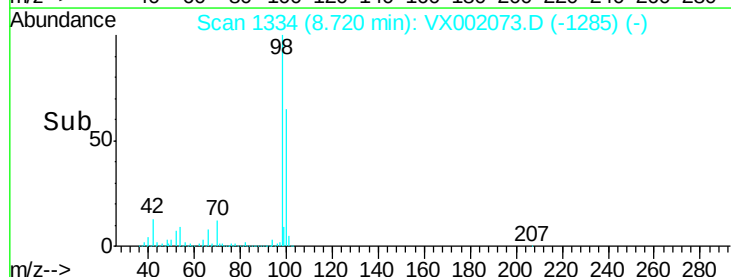
Ion Ratio Lower Upper

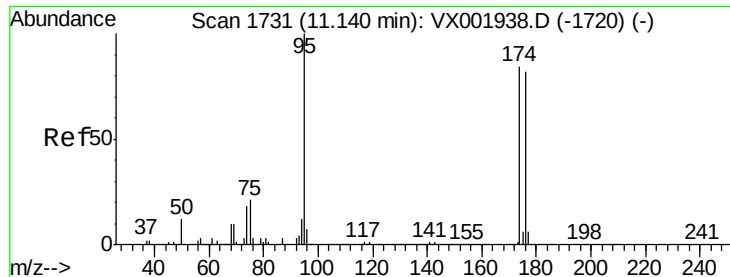
98 100

100 64.0 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: 37.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002073.D

Acq: 27 May 2018 17:18

Instrument :

MSVOA_X

ClientSampled :

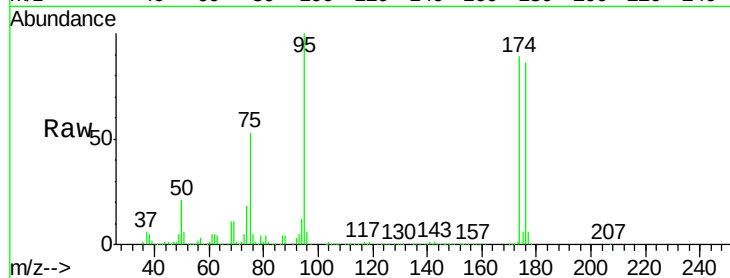
Tot Ion: 95 Resp: 235946

Ion Ratio Lower Upper

95 100

174 91.8 0.0 178.8

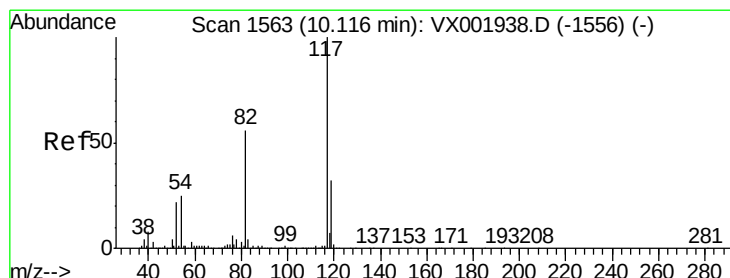
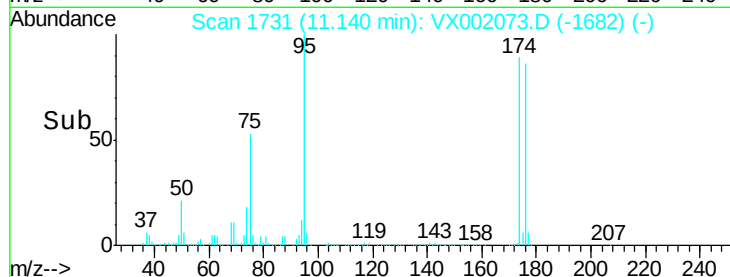
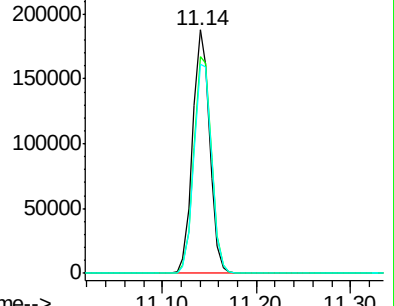
176 89.4 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VX001938.D (-1720) (-)

Ion 173.80 (173.50 to 174.50): VX001938.D (-1720) (-)

Ion 175.80 (175.50 to 176.50): VX001938.D (-1720) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VX002073.D

Acq: 27 May 2018 17:18

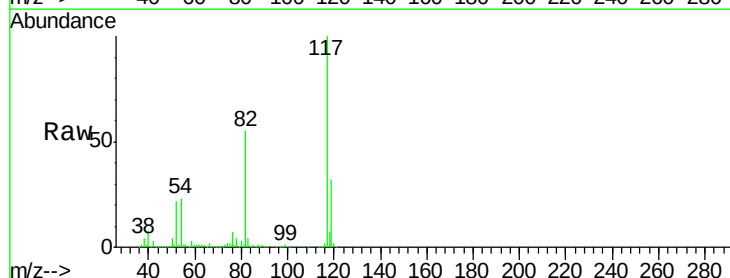
Tgt Ion: 117 Resp: 408775

Ion Ratio Lower Upper

117 100

82 55.1 44.8 67.2

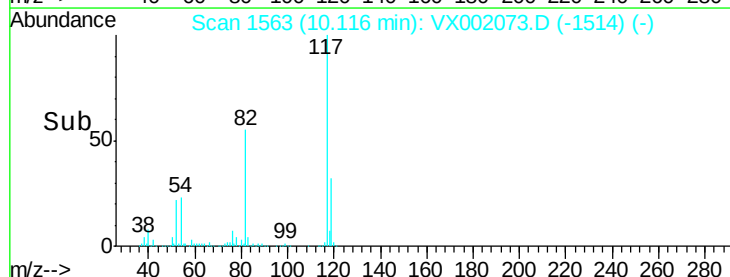
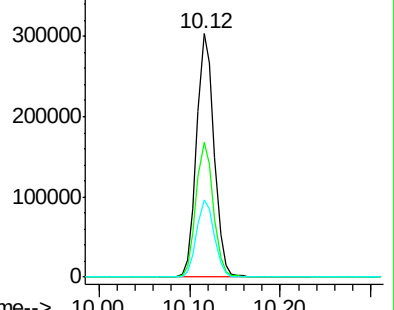
119 32.0 25.5 38.3

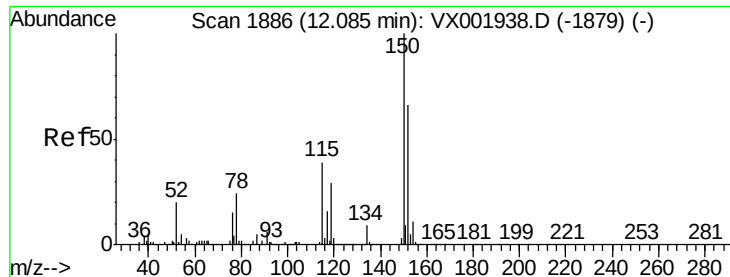


Abundance Ion 116.90 (116.60 to 117.60): VX001938.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001938.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX001938.D (-1556) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002073.D

Acq: 27 May 2018 17:18

Instrument :

MSVOA_X

ClientSampleId :

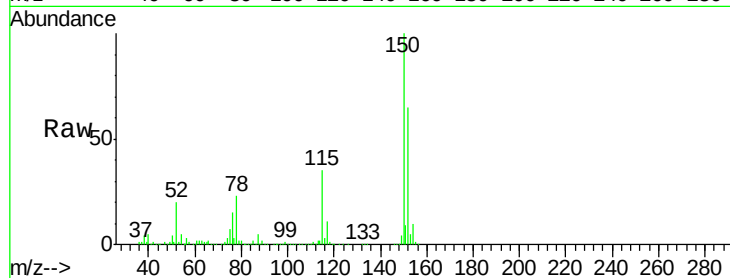
Tot Ion:152 Resp: 236654

Ion Ratio Lower Upper

152 100

115 54.8 42.3 126.8

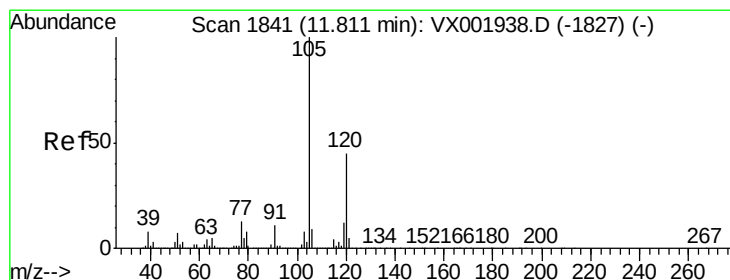
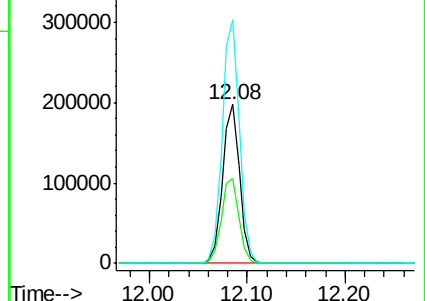
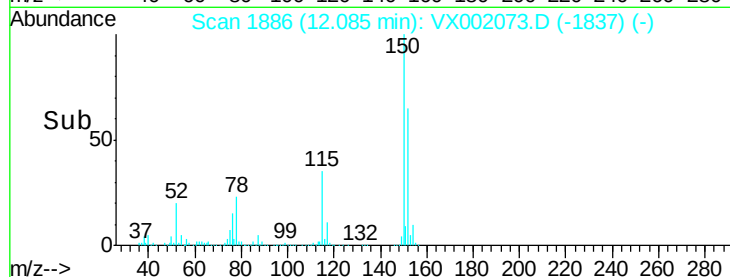
150 155.1 0.0 351.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.94 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002073.D

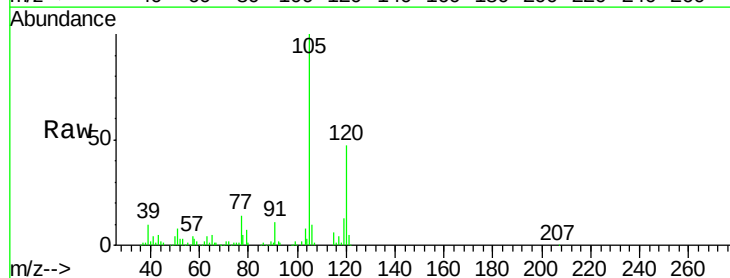
Acq: 27 May 2018 17:18

Tgt Ion:105 Resp: 34381

Ion Ratio Lower Upper

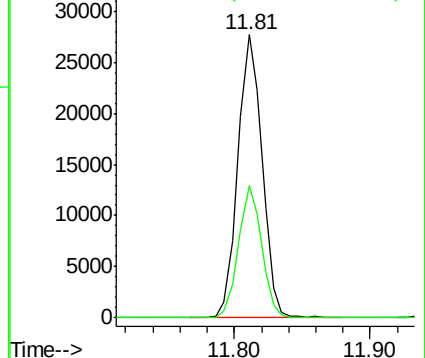
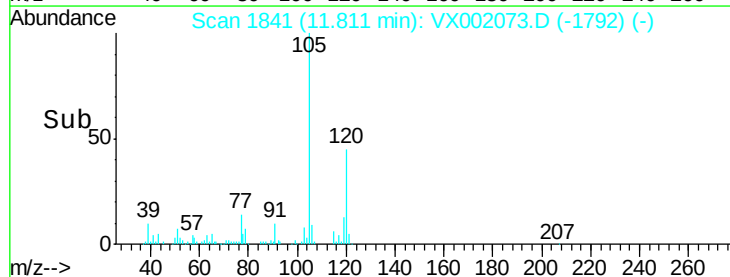
105 100

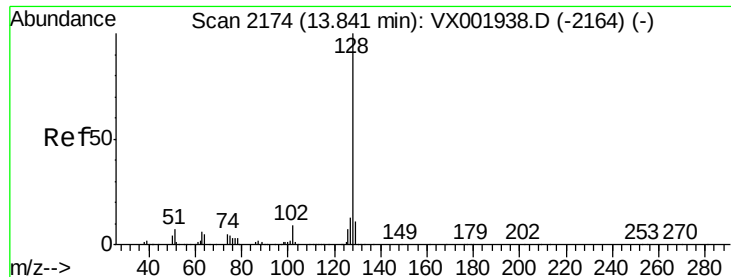
120 44.4 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

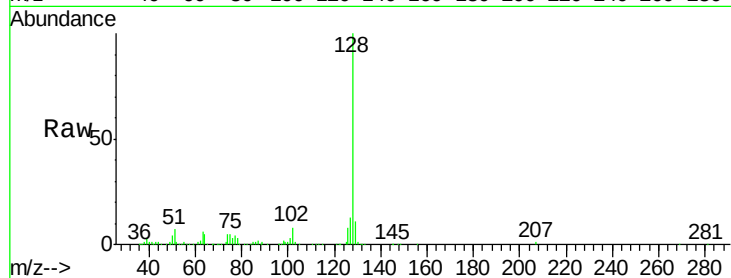




#95
Naphthalene
Concen: 2.82 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002073.D
Acq: 27 May 2018 17:18

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.6	8.8	13.2



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

