

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050318\
 Data File : VX001365.D
 Acq On : 03 May 2018 17:56
 Operator : JC/MD
 Sample : J2710-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1020

Quant Time: May 04 08:02:45 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

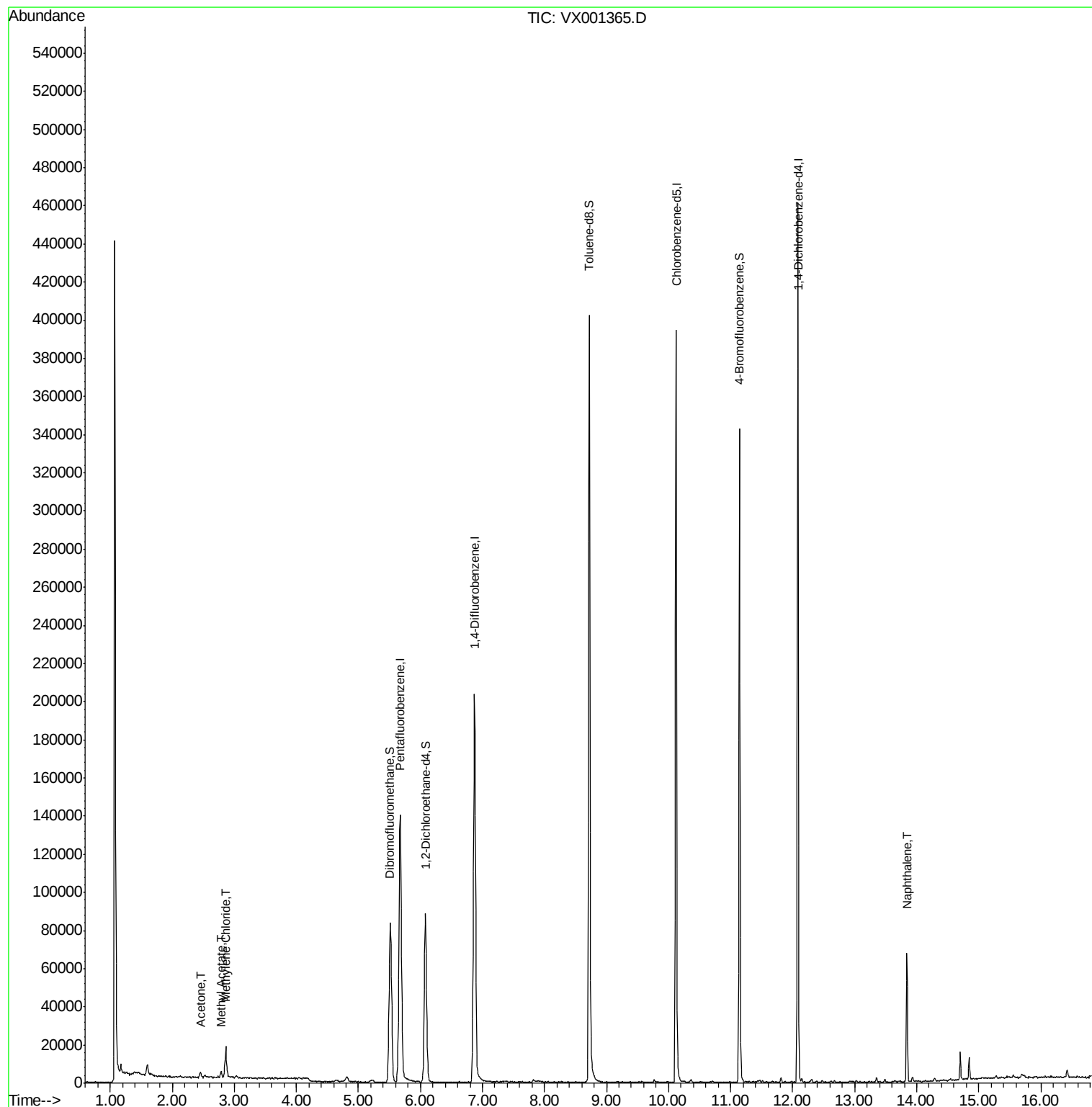
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	151882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	214967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	193473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	95903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	80369	38.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.46%	
35) Dibromofluoromethane	5.51	113	66621	35.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.94%	
50) Toluene-d8	8.72	98	248976	37.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.26%	
62) 4-Bromofluorobenzene	11.15	95	81788	30.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.82%	
Target Compounds						
16) Acetone	2.45	43	3351	3.73	ug/l	Qvalue 100
18) Methyl Acetate	2.79	43	3415	1.61	ug/l #	90
20) Methylene Chloride	2.86	84	6899	2.76	ug/l	99
95) Naphthalene	13.84	128	41995	5.98	ug/l	99

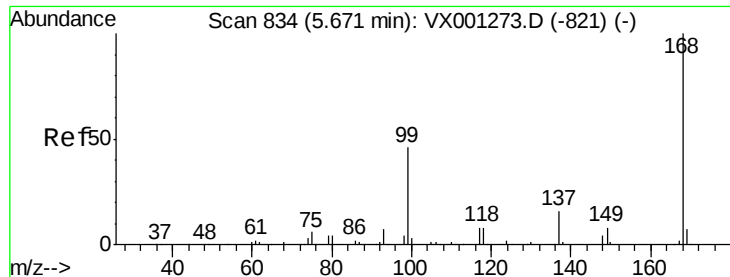
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

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ClientSampleId :

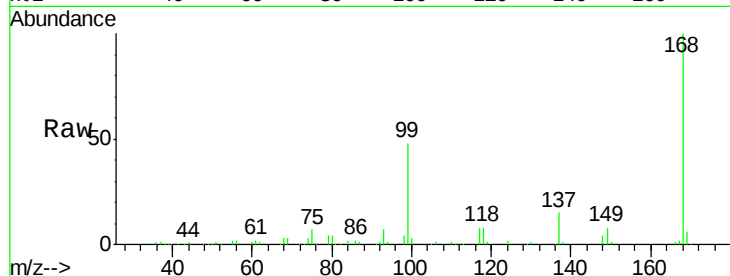
1020

Tot Ion:168 Resp: 151882

Ion Ratio Lower Upper

168 100

99 48.3 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

50000

40000

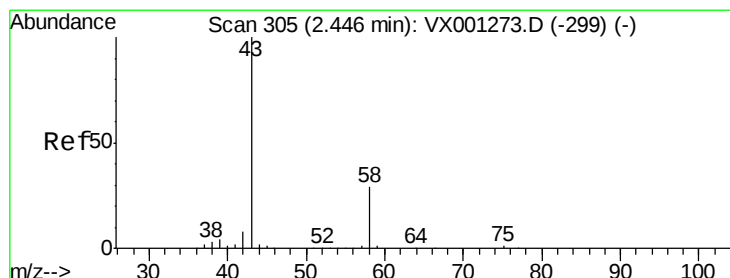
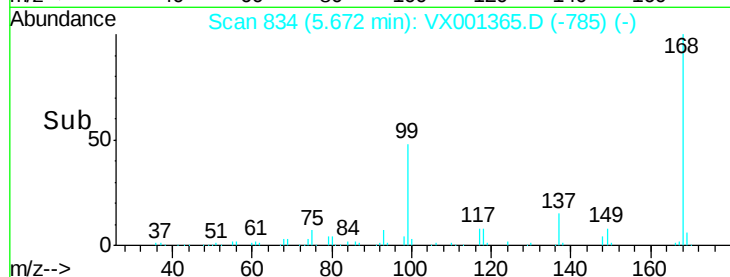
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.73 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001365.D

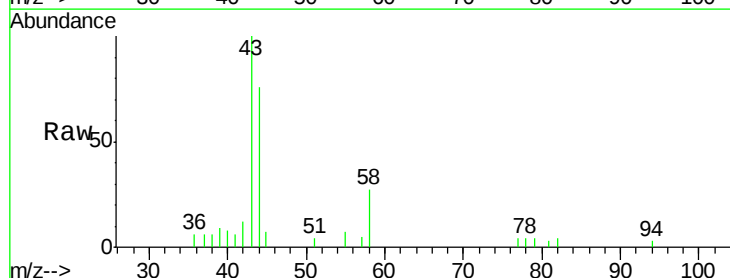
Acq: 03 May 2018 17:56

Tgt Ion: 43 Resp: 3351

Ion Ratio Lower Upper

43 100

58 28.3 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

2000

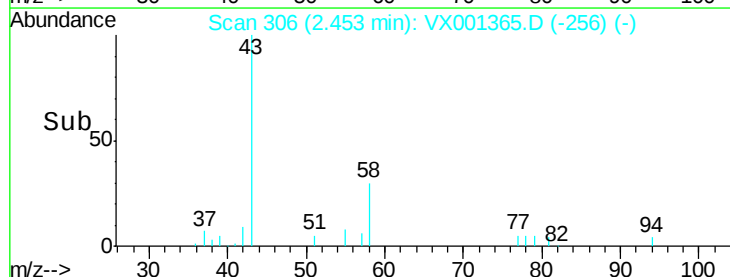
1500

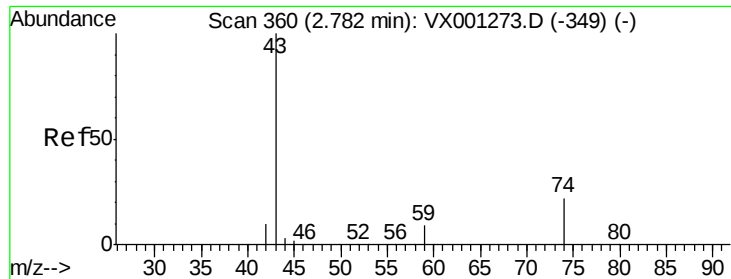
1000

500

0

Time--> 2.40 2.45 2.50

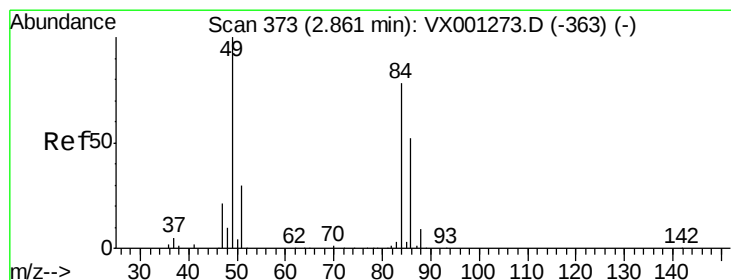
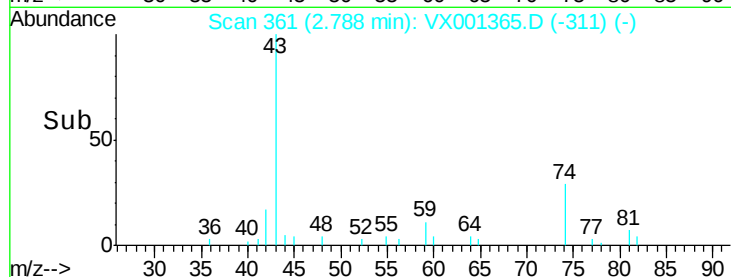
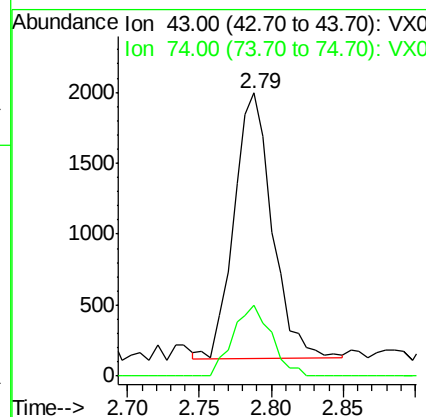
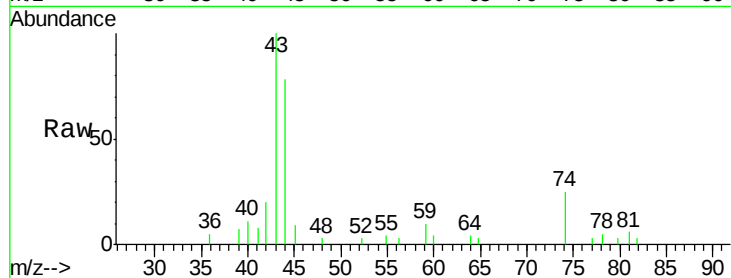




#18
Methyl Acetate
Concen: 1.61 ug/l
RT: 2.79 min Scan# 361
Delta R.T. 0.01 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

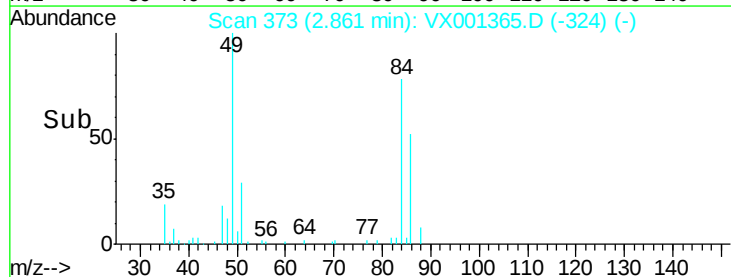
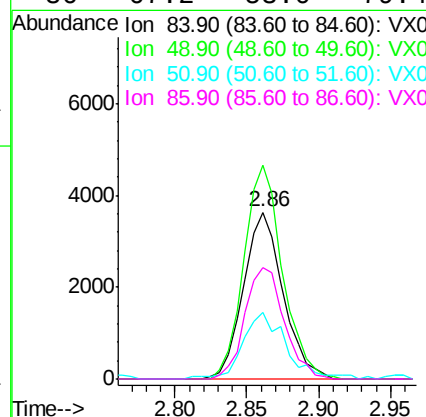
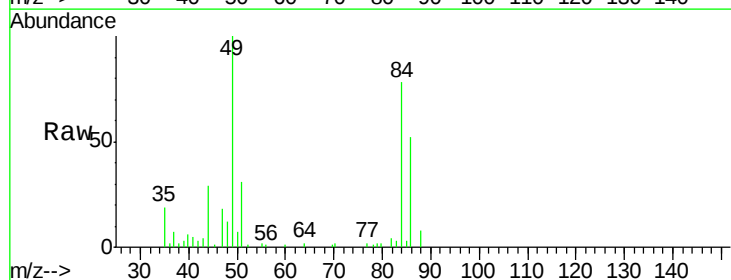
Instrument :
MSVOA_X
ClientSampleId :
1020

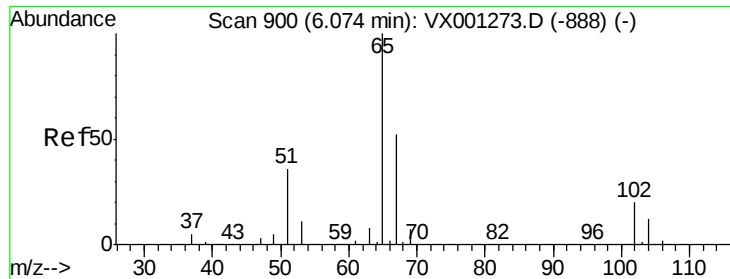
Tot Ion: 43 Resp: 3415
Ion Ratio Lower Upper
43 100
74 27.2 17.8 26.6#



#20
Methylene Chloride
Concen: 2.76 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

Tgt Ion: 84 Resp: 6899
Ion Ratio Lower Upper
84 100
49 128.1 102.8 154.2
51 38.6 30.9 46.3
86 67.2 53.0 79.4

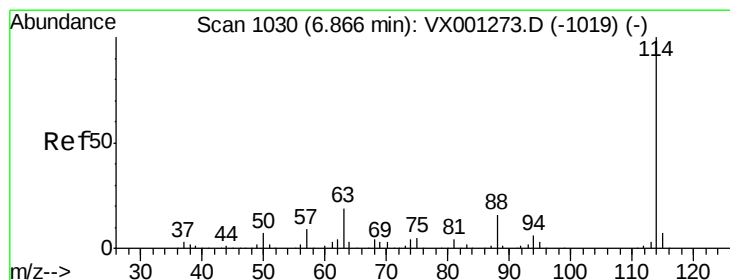
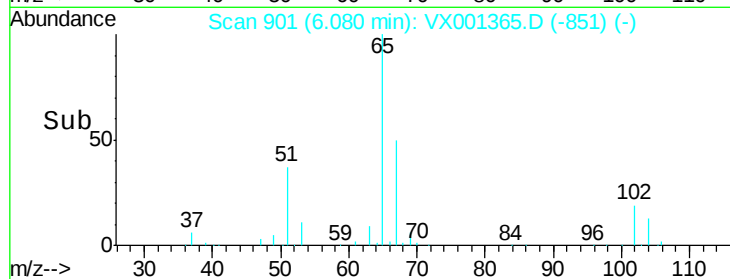
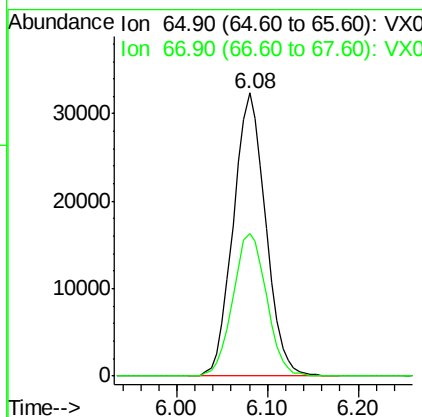
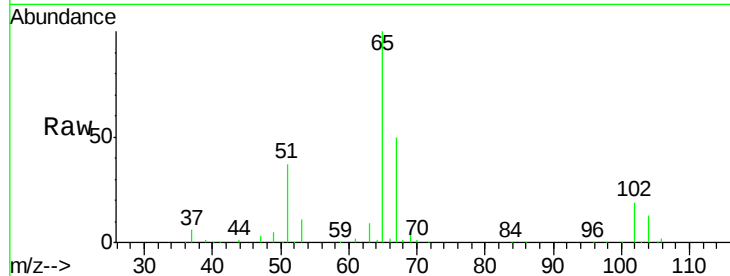




#33
1,2-Dichloroethane-d4
Concen: 38.23 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.01 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

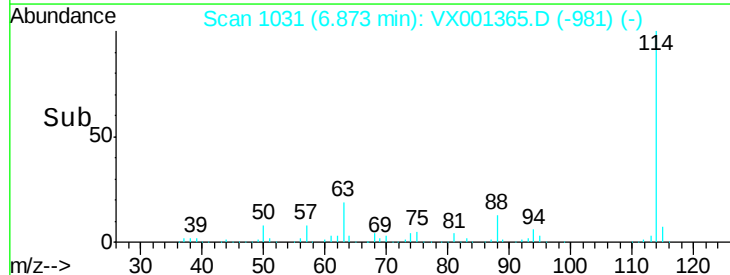
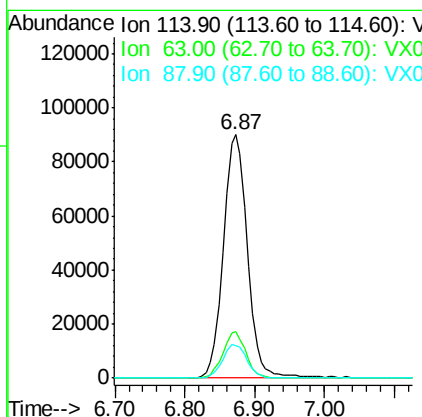
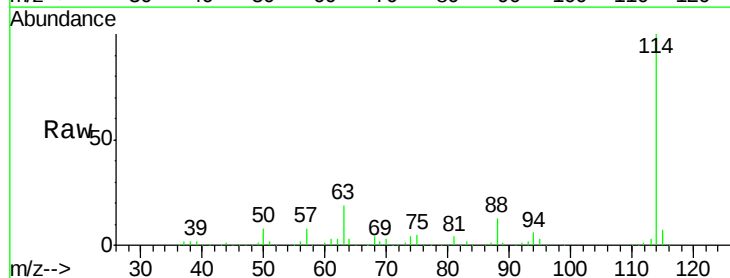
Instrument :
MSVOA_X
ClientSampleId :
1020

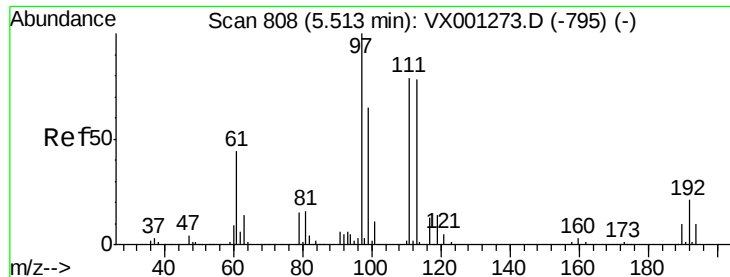
Tot Ion: 65 Resp: 80369
Ion Ratio Lower Upper
65 100
67 52.3 0.0 102.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VX001365.D
Acq: 03 May 2018 17:56

Tgt Ion: 114 Resp: 214967
Ion Ratio Lower Upper
114 100
63 19.0 0.0 38.8
88 13.5 0.0 32.2





#35

Dibromofluoromethane

Concen: 35.97 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001365.D

Acq: 03 May 2018 17:56

Instrument :

MSVOA_X

ClientSampleId :

1020

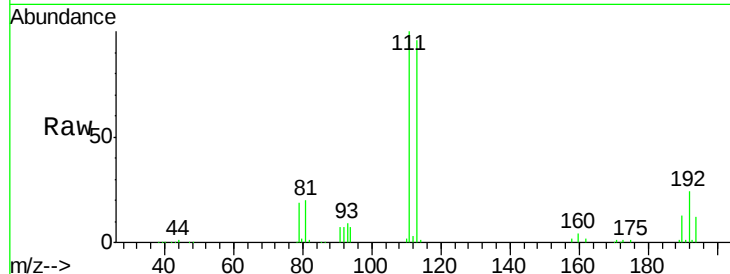
Tot Ion:113 Resp: 66621

Ion Ratio Lower Upper

113 100

111 103.0 81.2 121.8

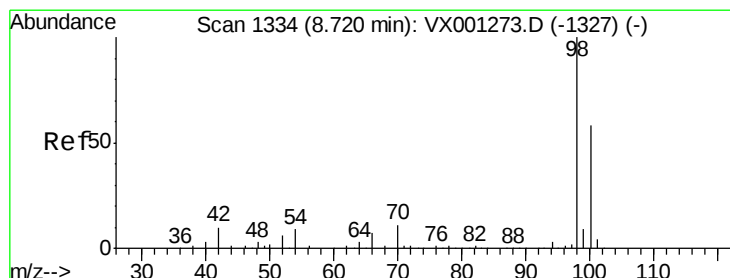
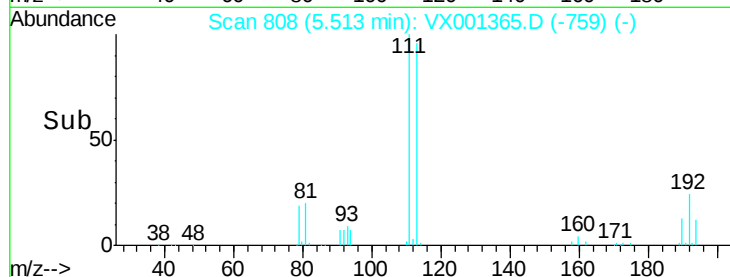
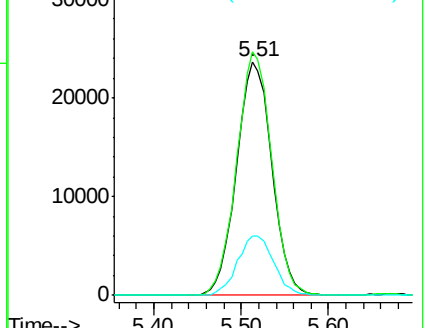
192 26.0 20.7 31.1



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: 37.63 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001365.D

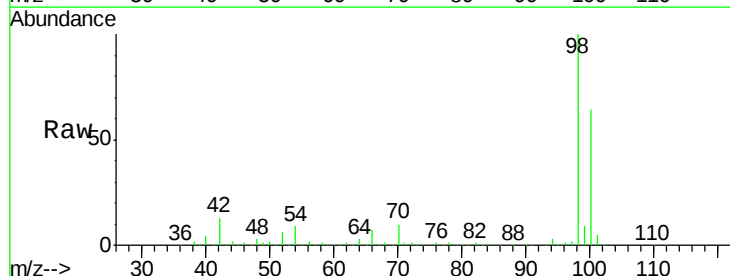
Acq: 03 May 2018 17:56

Tgt Ion: 98 Resp: 248976

Ion Ratio Lower Upper

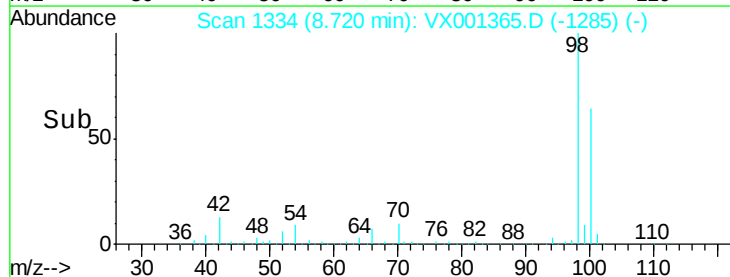
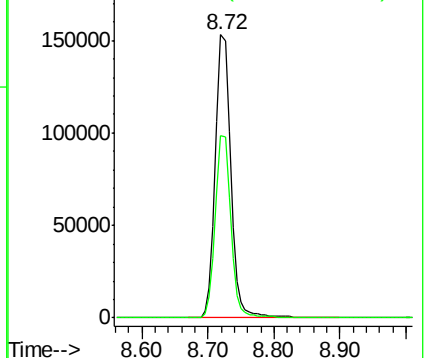
98 100

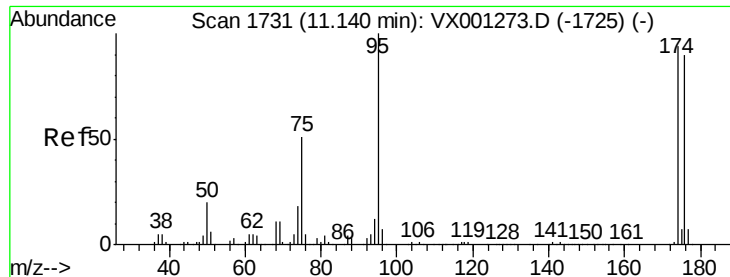
100 64.6 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 30.91 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.01 min

Lab File: VX001365.D

Acq: 03 May 2018 17:56

Instrument :

MSVOA_X

ClientSampleId :

1020

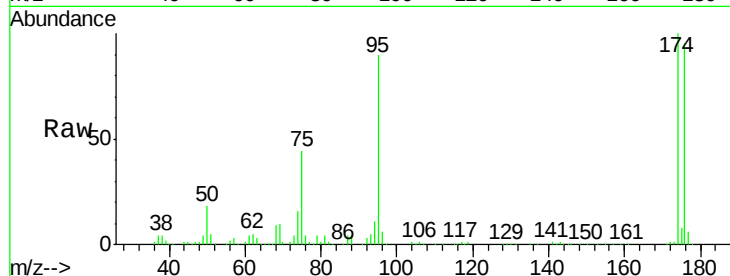
Tot Ion: 95 Resp: 81788

Ion Ratio Lower Upper

95 100

174 104.5 0.0 201.8

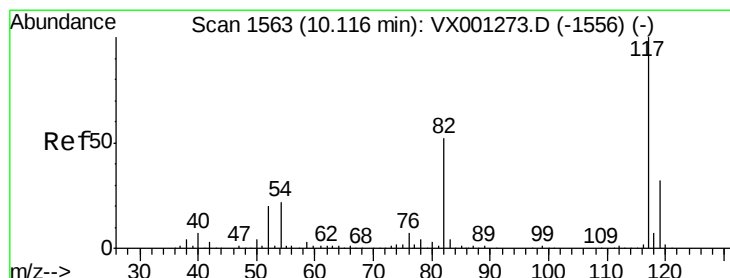
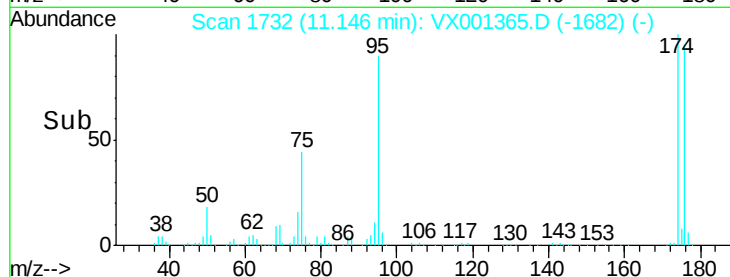
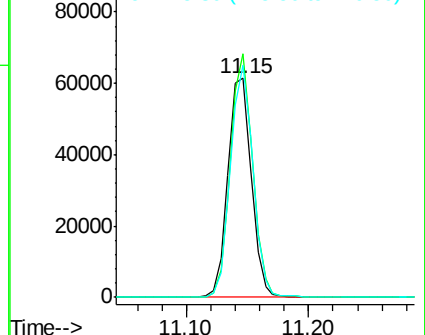
176 100.6 0.0 197.2



Abundance Ion 94.90 (94.60 to 95.60): VX001273.D (-1725) (-)

Ion 173.80 (173.50 to 174.50): VX001273.D (-1725) (-)

Ion 175.80 (175.50 to 176.50): VX001273.D (-1725) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.01 min

Lab File: VX001365.D

Acq: 03 May 2018 17:56

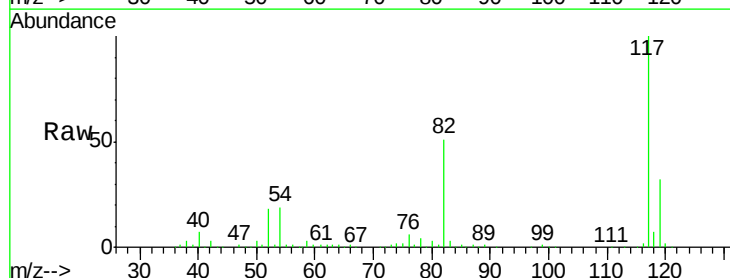
Tgt Ion: 117 Resp: 193473

Ion Ratio Lower Upper

117 100

82 51.1 41.4 62.0

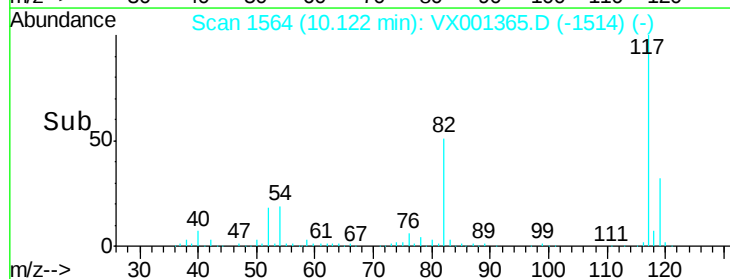
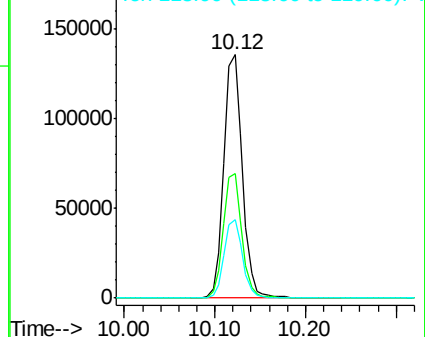
119 32.2 25.5 38.3

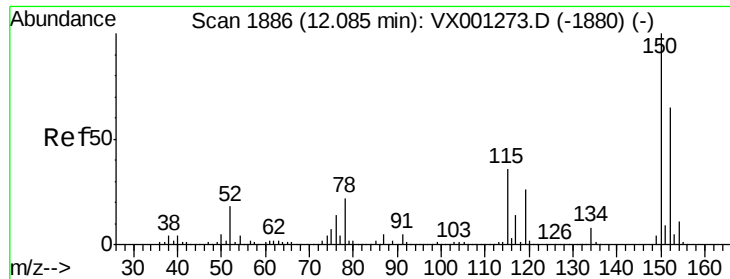


Abundance Ion 116.90 (116.60 to 117.60): VX001273.D (-1556) (-)

Ion 82.00 (81.70 to 82.70): VX001273.D (-1556) (-)

Ion 118.90 (118.60 to 119.60): VX001273.D (-1556) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001365.D

Acq: 03 May 2018 17:56

Instrument :

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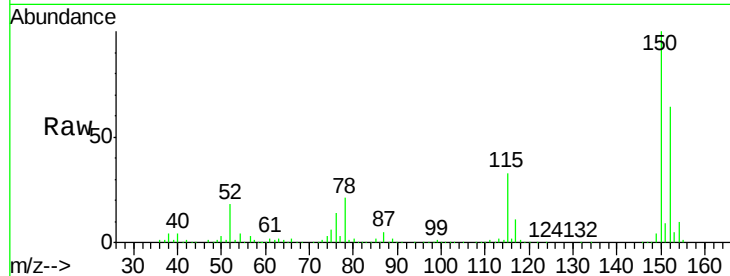
Tot Ion:152 Resp: 95903

Ion Ratio Lower Upper

152 100

115 52.3 38.6 115.7

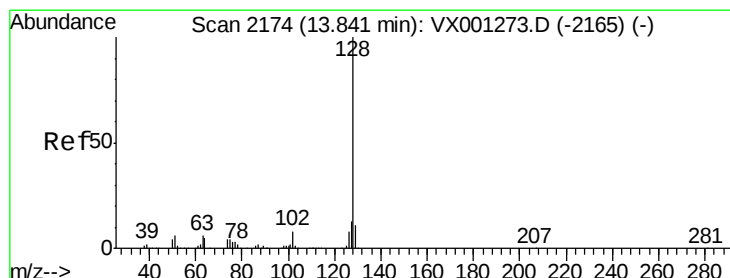
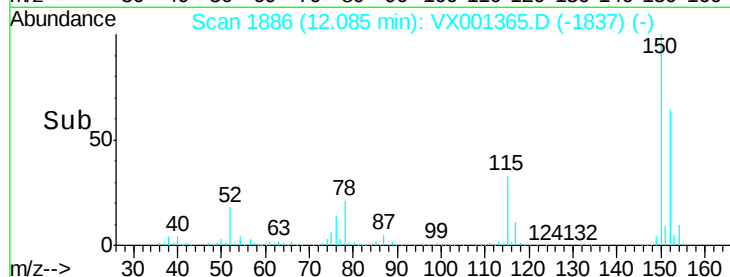
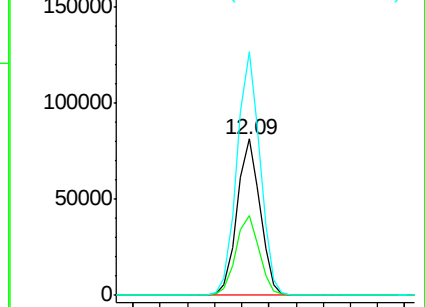
150 156.2 0.0 349.2



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: 5.98 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001365.D

Acq: 03 May 2018 17:56

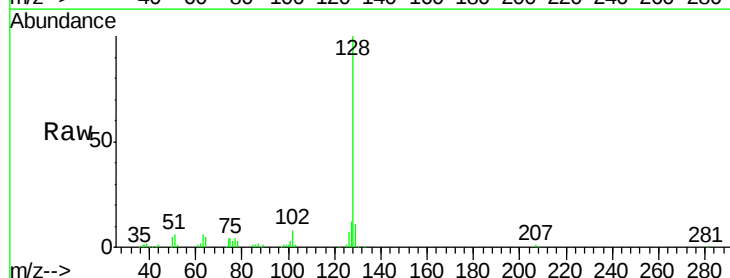
Tgt Ion:128 Resp: 41995

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 11.0 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

