

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040418\
 Data File : VX000678.D
 Acq On : 05 Apr 2018 00:41
 Operator : JC/MD
 Sample : J2199-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S6-A

Quant Time: Apr 05 05:54:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 05 03:34:50 2018
 Response via : Initial Calibration

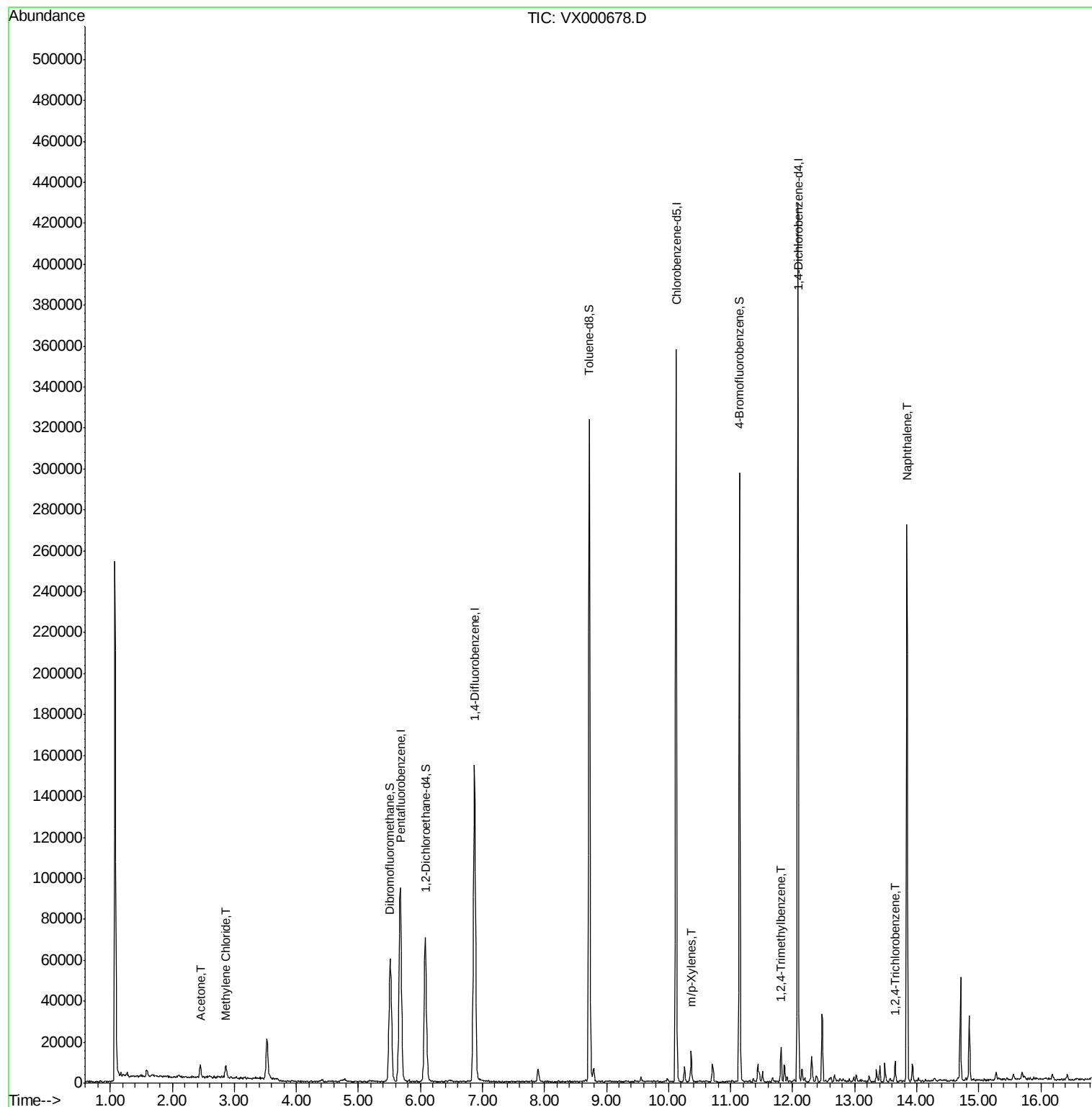
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	83652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	147217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	141231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	73512	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	62896	44.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.52%	
35) Dibromofluoromethane	5.51	113	46440	46.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.42%	
50) Toluene-d8	8.73	98	182498	42.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.42%	
62) 4-Bromofluorobenzene	11.15	95	64959	38.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.82%	
Target Compounds						
16) Acetone	2.45	43	6914	5.91	ug/l	92
20) Methylene Chloride	2.86	84	2532	1.90	ug/l #	85
68) m/p-Xylenes	10.37	106	2907	1.52	ug/l	90
84) 1,2,4-Trimethylbenzene	11.81	105	6706	1.69	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	2060	1.36	ug/l	88
95) Naphthalene	13.84	128	146099	26.41	ug/l	100

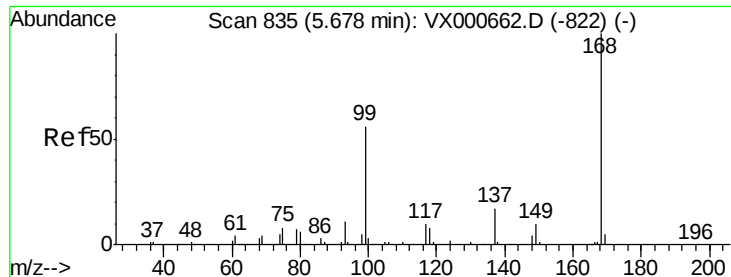
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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S6-A

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Quant Title : SW846 8260
QLast Update : Thu Apr 05 03:34:50 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000678.D

Acq: 05 Apr 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

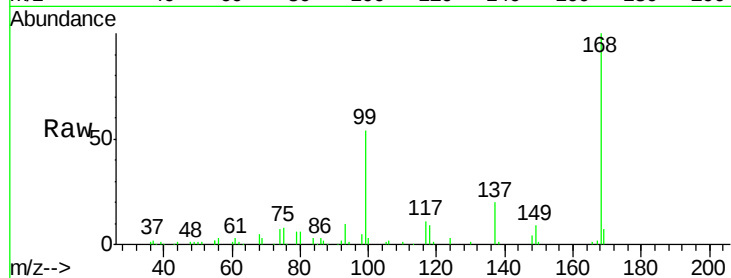
S6-A

Tot Ion:168 Resp: 83652

Ion Ratio Lower Upper

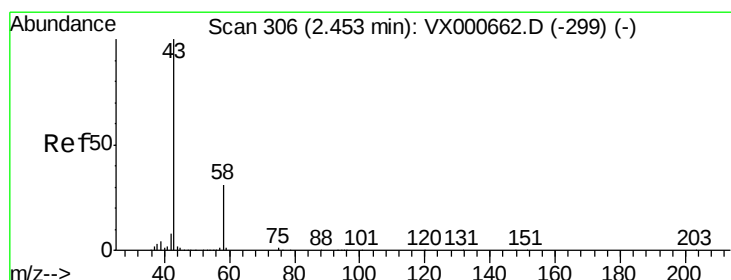
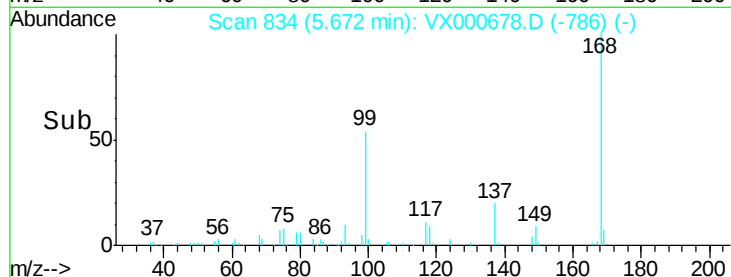
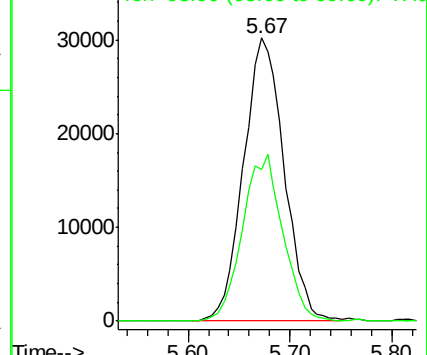
168 100

99 53.5 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.91 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000678.D

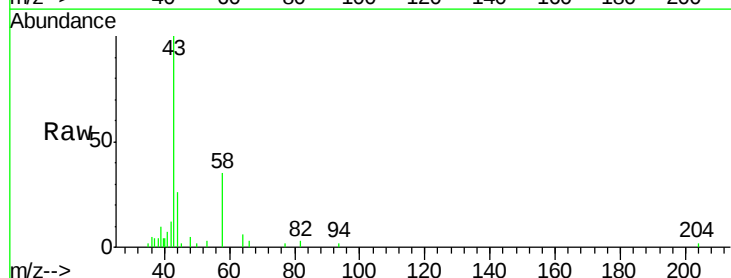
Acq: 05 Apr 2018 00:41

Tgt Ion: 43 Resp: 6914

Ion Ratio Lower Upper

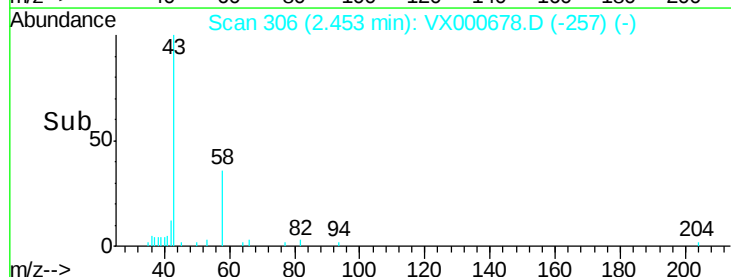
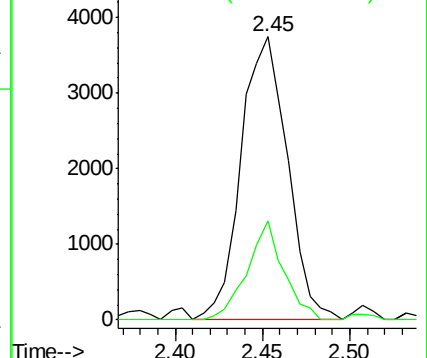
43 100

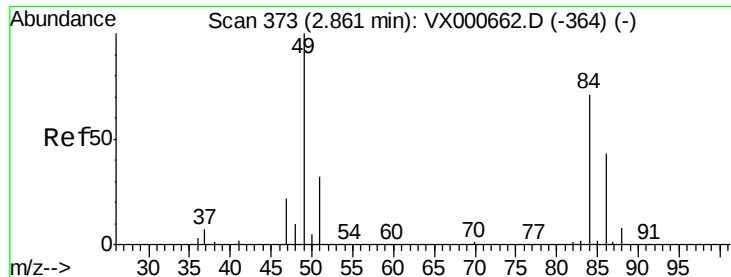
58 35.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

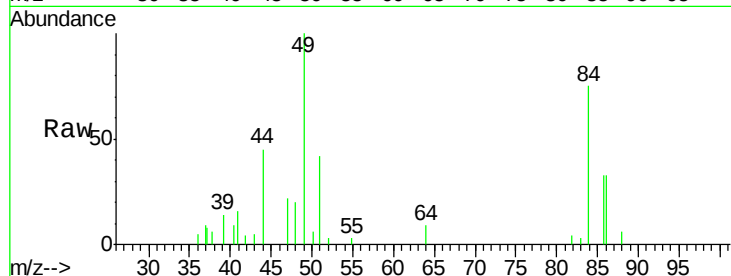




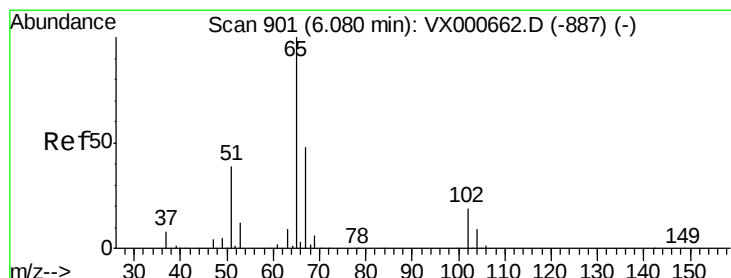
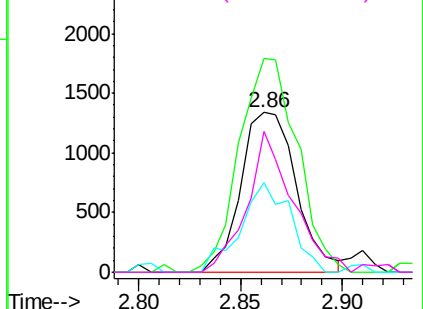
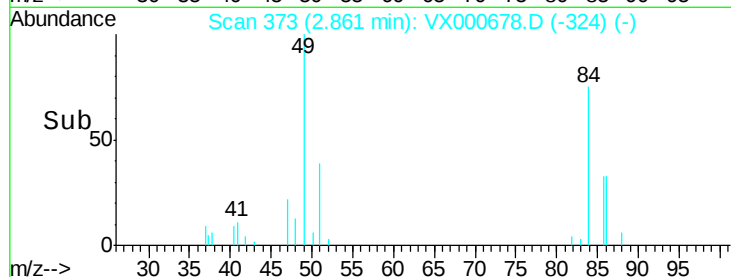
#20
Methvlene Chloride
Concen: 1.90 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX000678.D
Acq: 05 Apr 2018 00:41

Instrument :
MSVOA_X
ClientSampled :
S6-A

Tot Ion: 84 Resp: 2532
Ion Ratio Lower Upper
84 100
49 133.7 112.1 168.1
51 56.5 35.4 53.0#
86 88.0 48.7 73.1#

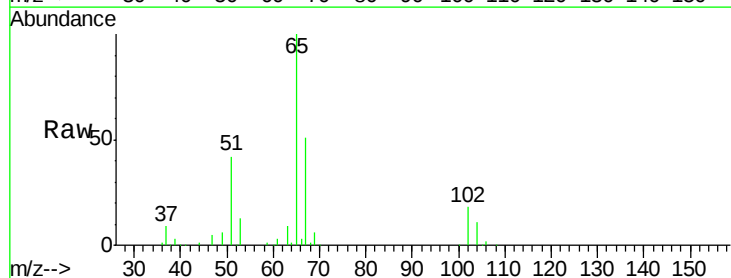


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

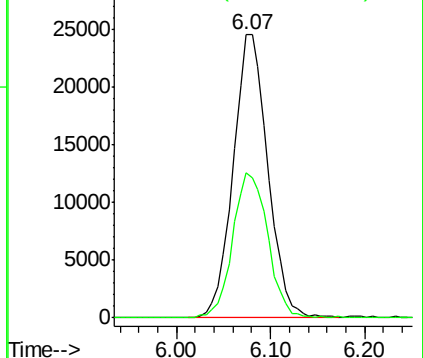
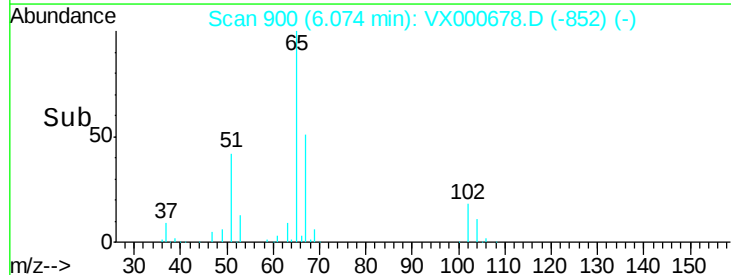


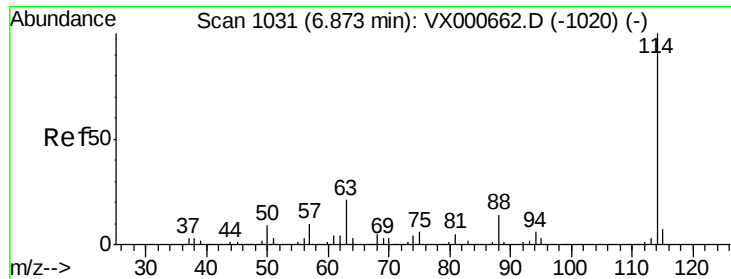
#33
1,2-Dichloroethane-d4
Concen: 44.26 ug/l
RT: 6.07 min Scan# 900
Delta R.T. -0.01 min
Lab File: VX000678.D
Acq: 05 Apr 2018 00:41

Tgt Ion: 65 Resp: 62896
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.8



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# 1031

Delta R.T. 0.00 min

Lab File: VX000678.D

Acq: 05 Apr 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

S6-A

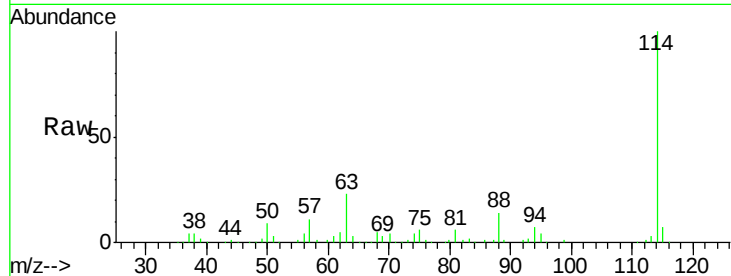
Tot Ion:114 Resp: 147217

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.6

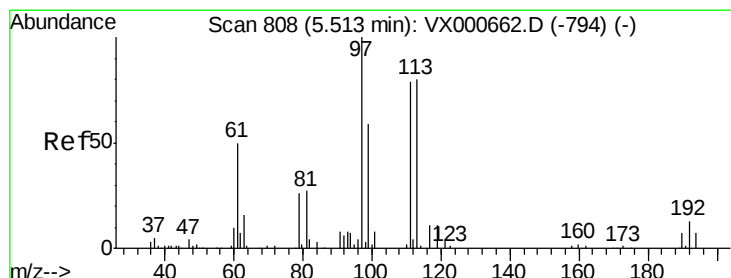
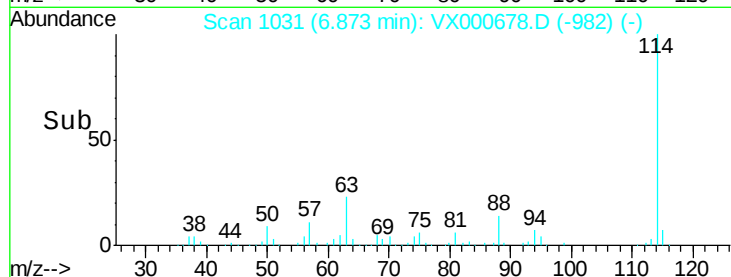
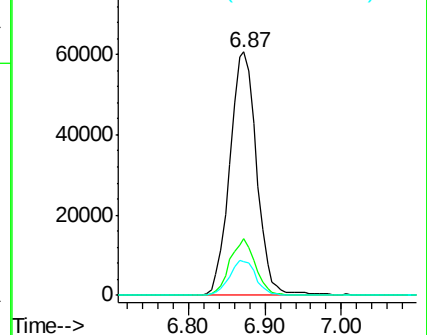
88 14.0 0.0 28.6



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: 46.21 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX000678.D

Acq: 05 Apr 2018 00:41

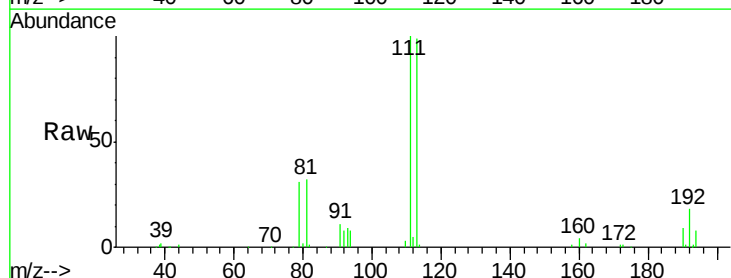
Tgt Ion:113 Resp: 46440

Ion Ratio Lower Upper

113 100

111 102.4 82.0 123.0

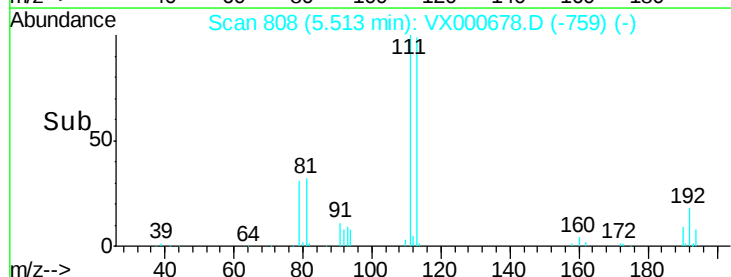
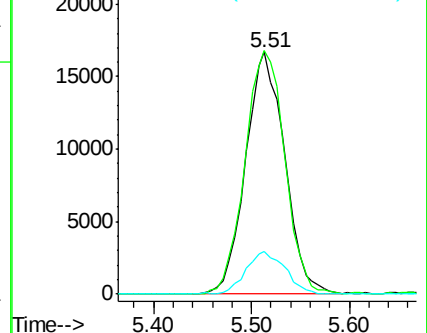
192 17.6 14.3 21.5

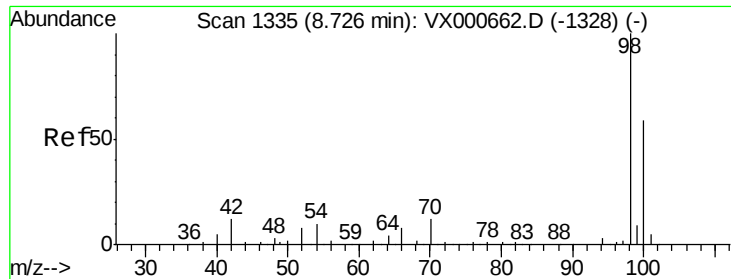


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

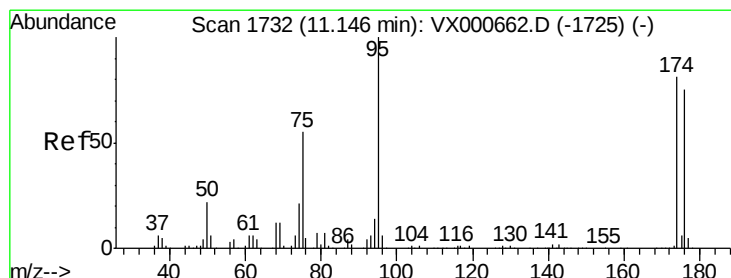
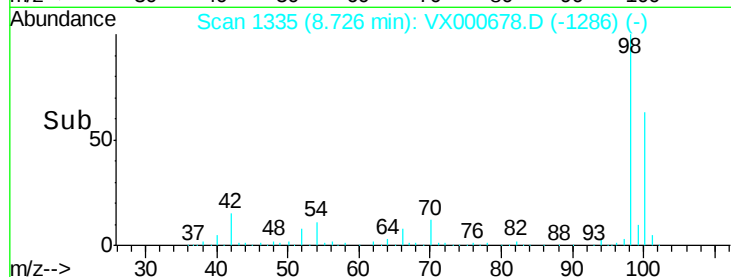
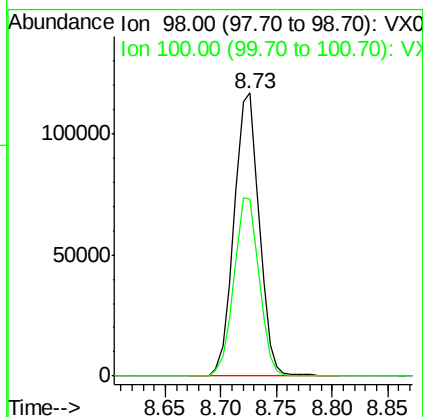
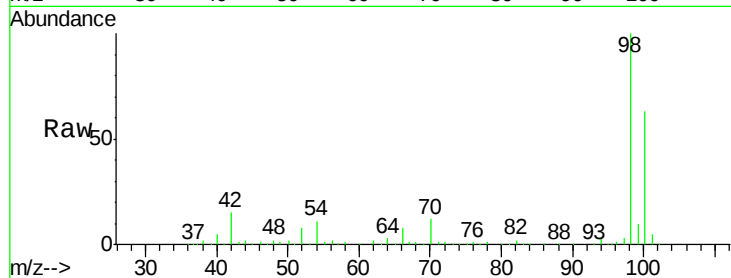




#50
Toluene-d8
Concen: 42.71 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX000678.D
Acq: 05 Apr 2018 00:41

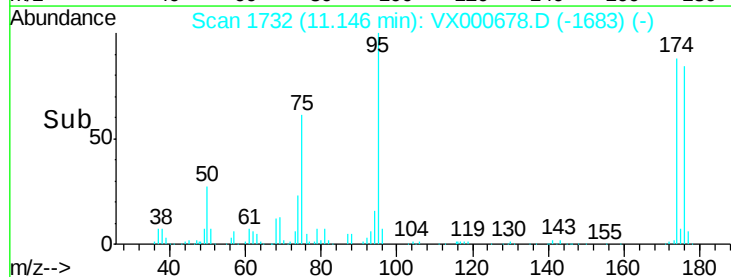
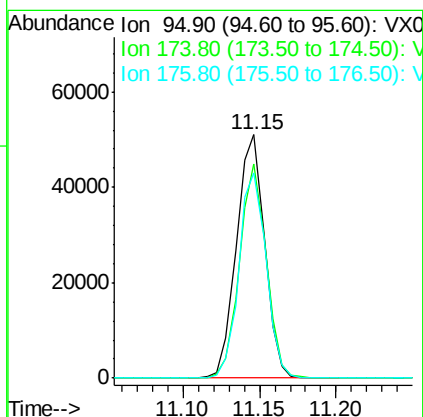
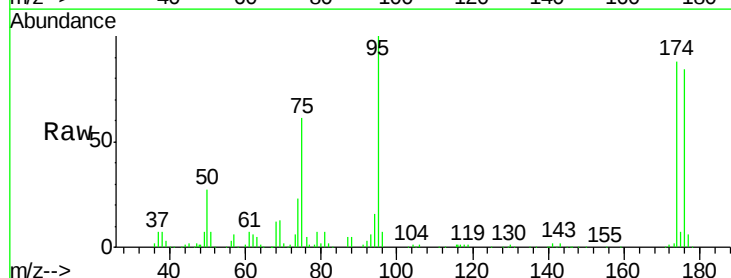
Instrument :
MSVOA_X
ClientSampled :
S6-A

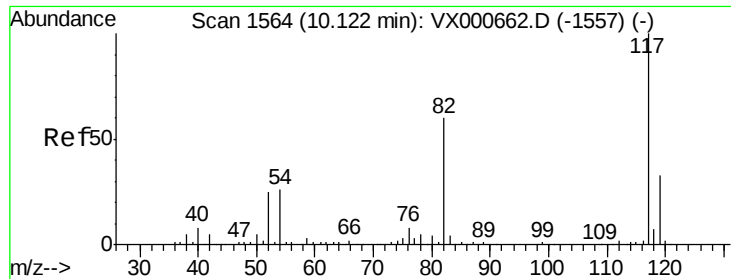
Tot Ion: 98 Resp: 182498
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 38.41 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000678.D
Acq: 05 Apr 2018 00:41

Tgt Ion: 95 Resp: 64959
Ion Ratio Lower Upper
95 100
174 83.6 0.0 156.8
176 81.4 0.0 150.6

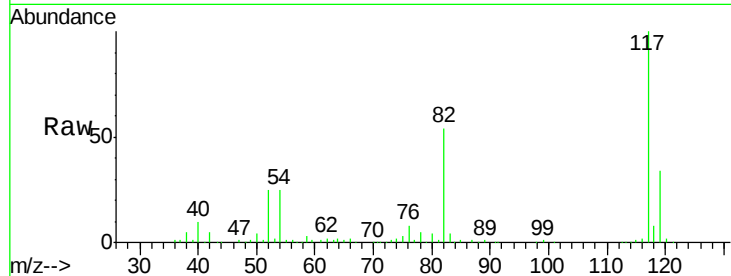




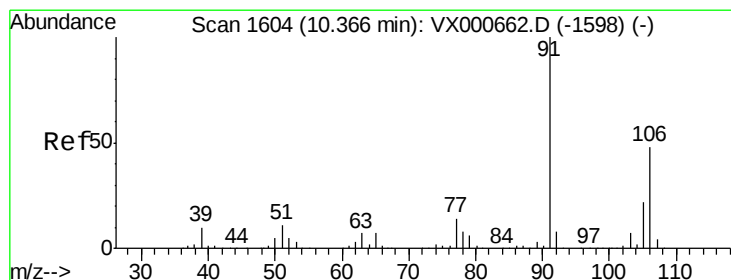
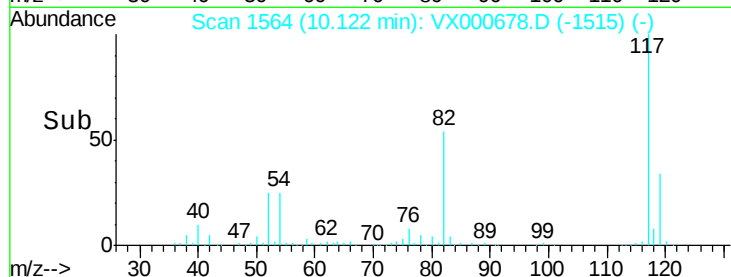
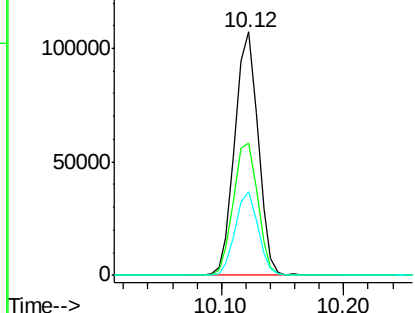
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000678.D
Acq: 05 Apr 2018 00:41

Instrument :
MSVOA_X
ClientSampled :
S6-A

Tot Ion:117 Resp: 141231
Ion Ratio Lower Upper
117 100
82 54.4 48.3 72.5
119 34.2 26.0 39.0

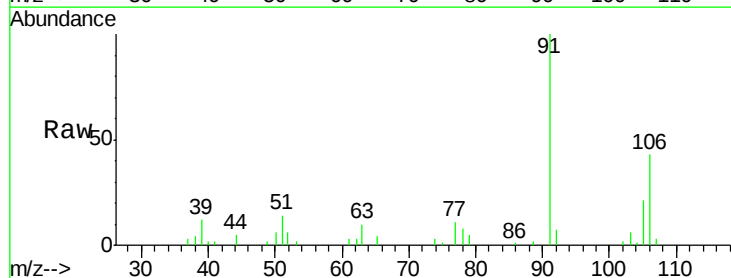


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

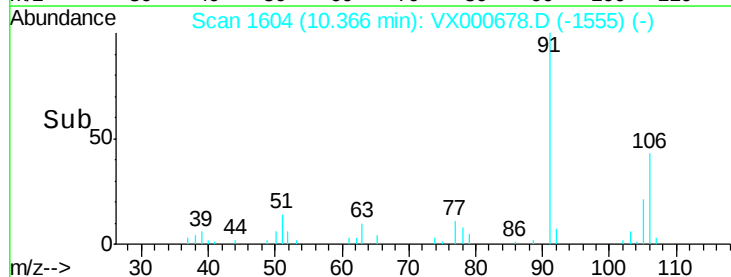
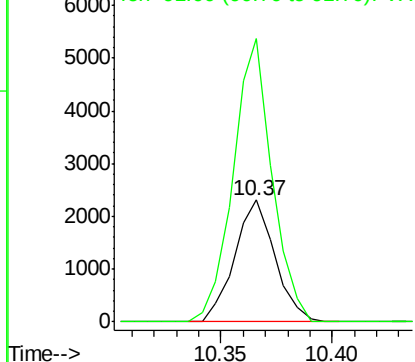


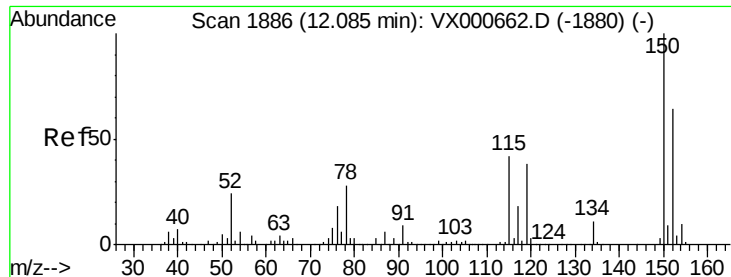
#68
m/p-Xylenes
Concen: 1.52 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX000678.D
Acq: 05 Apr 2018 00:41

Tgt Ion:106 Resp: 2907
Ion Ratio Lower Upper
106 100
91 224.4 167.0 250.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000678.D

Acq: 05 Apr 2018 00:41

Instrument :

MSVOA_X

ClientSampleId :

S6-A

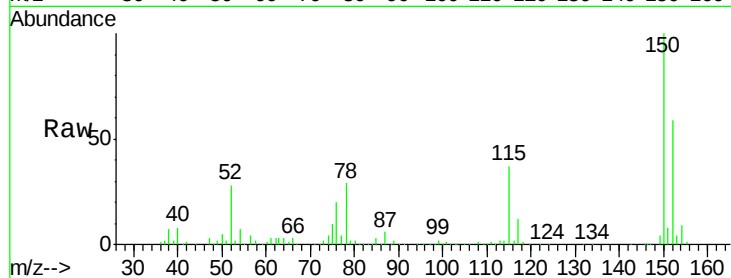
Tot Ion:152 Resp: 73512

Ion Ratio Lower Upper

152 100

115 59.9 41.9 125.8

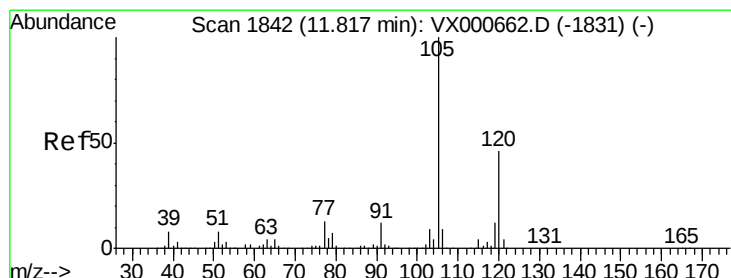
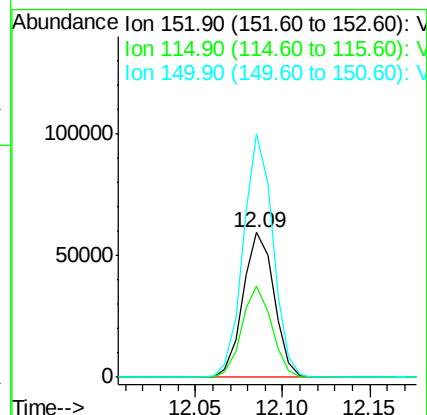
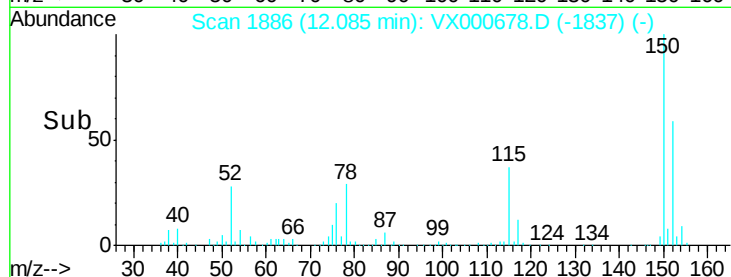
150 160.1 0.0 348.0



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: 1.69 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VX000678.D

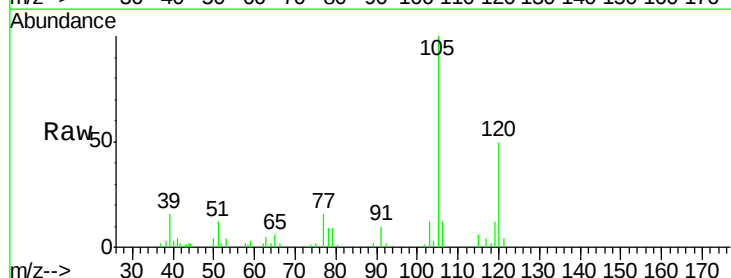
Acq: 05 Apr 2018 00:41

Tgt Ion:105 Resp: 6706

Ion Ratio Lower Upper

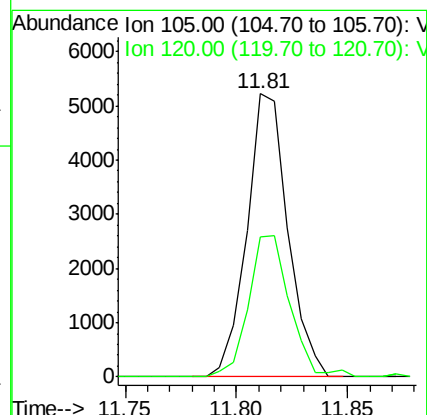
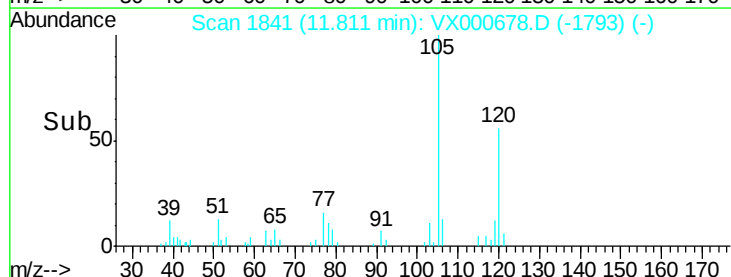
105 100

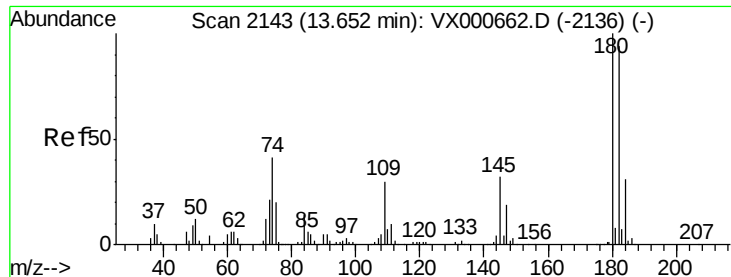
120 50.5 21.6 65.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#93

1,2,4-Trichlorobenzene

Concen: 1.36 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX000678.D

Acq: 05 Apr 2018 00:41

Instrument :

MSVOA_X

ClientSampled :

S6-A

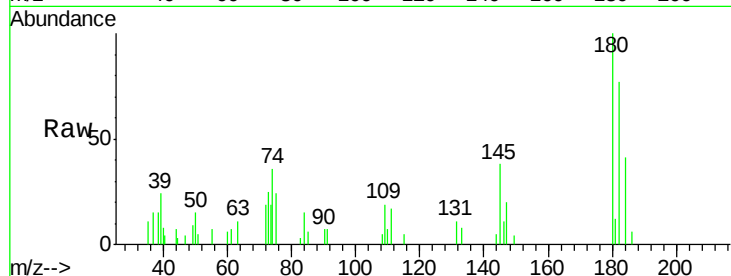
Tot Ion:180 Resp: 2060

Ion Ratio Lower Upper

180 100

182 80.6 47.4 142.2

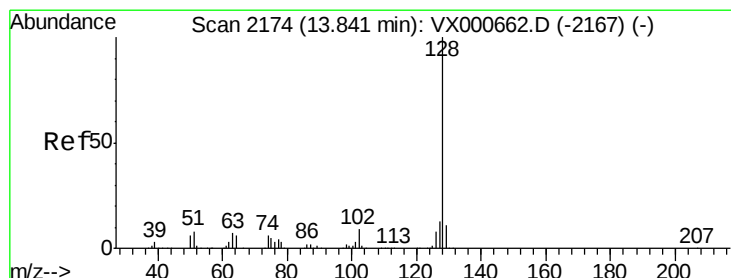
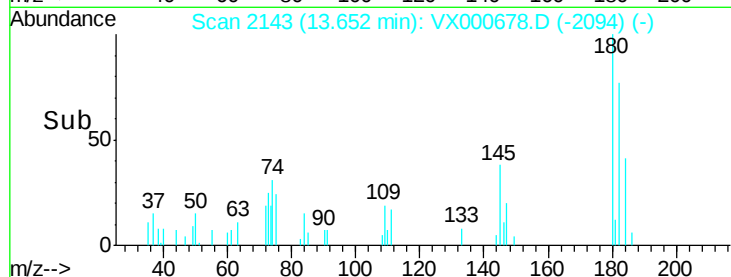
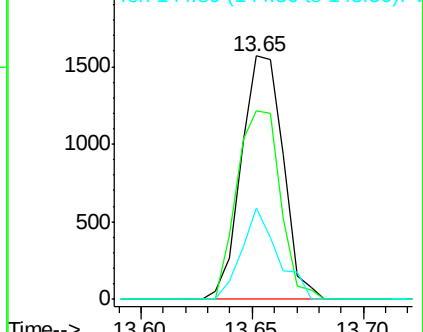
145 31.8 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#95

Naphthalene

Concen: 26.41 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000678.D

Acq: 05 Apr 2018 00:41

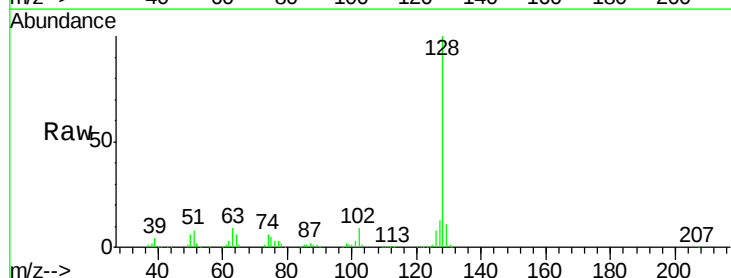
Tgt Ion:128 Resp: 146099

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.3 8.9 13.3



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

