

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003316.D
 Acq On : 11 Jul 2018 06:24
 Operator : JC/MD
 Sample : J3827-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-070918

Quant Time: Jul 11 06:55:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

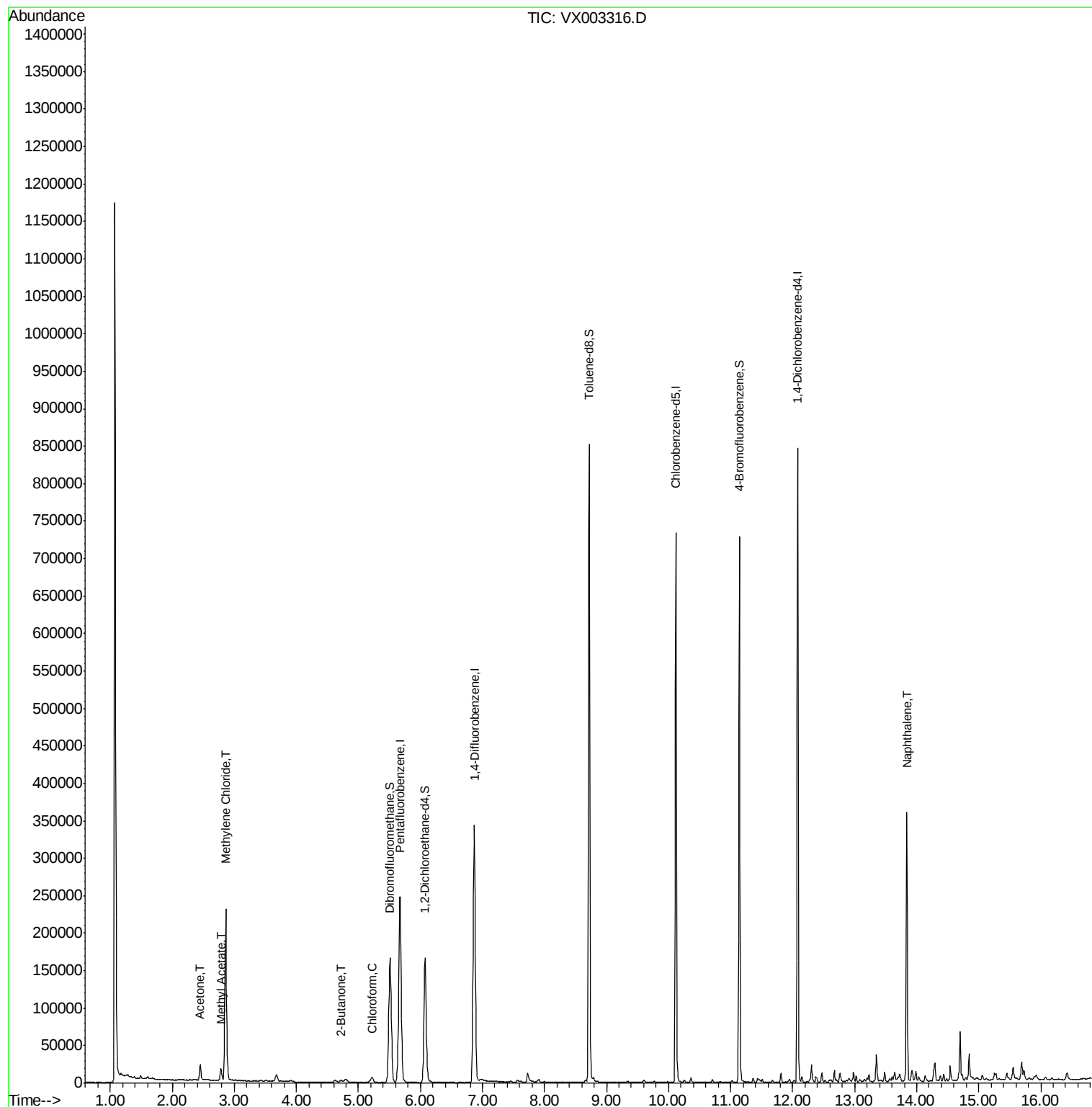
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264193	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	357999	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335563	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194532	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	158246	38.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.12%	
35) Dibromofluoromethane	5.51	113	139091	36.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.32%	
50) Toluene-d8	8.72	98	496450	36.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.68%	
62) 4-Bromofluorobenzene	11.14	95	173736	34.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.84%	
Target Compounds						
16) Acetone	2.45	43	23344	15.81	ug/l	99
18) Methyl Acetate	2.78	43	18190	4.37	ug/l #	89
20) Methylene Chloride	2.86	84	107487	35.33	ug/l	93
25) 2-Butanone	4.72	43	5100	1.95	ug/l	96
30) Chloroform	5.22	83	7759	1.21	ug/l	97
95) Naphthalene	13.84	128	229885	14.78	ug/l	99

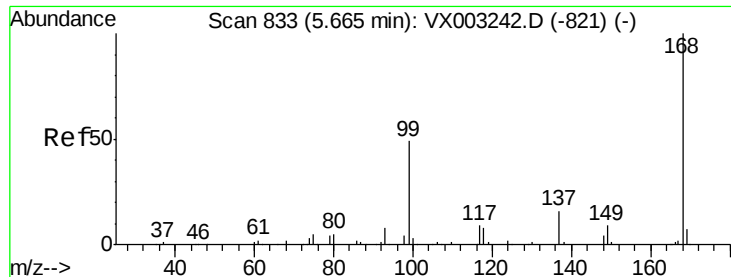
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 11 06:55:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 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: VX003316.D

Acq: 11 Jul 2018 06:24

Instrument :

MSVOA_X

ClientSampleId :

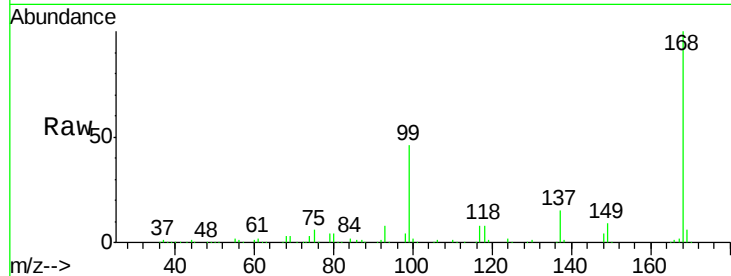
OR-03-070918

Tot Ion:168 Resp: 264193

Ion Ratio Lower Upper

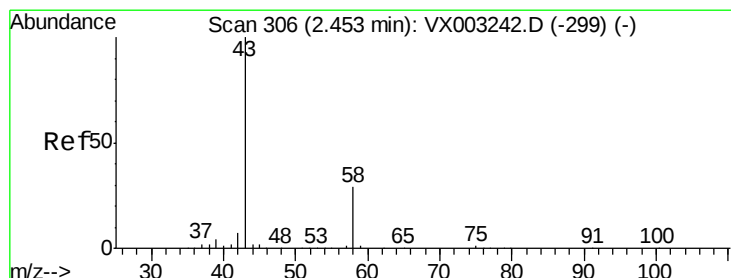
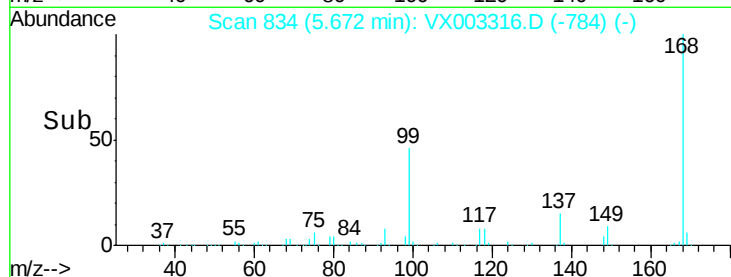
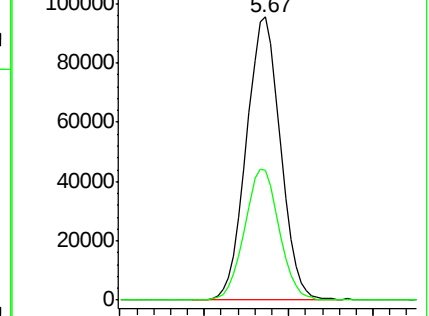
168 100

99 45.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 15.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003316.D

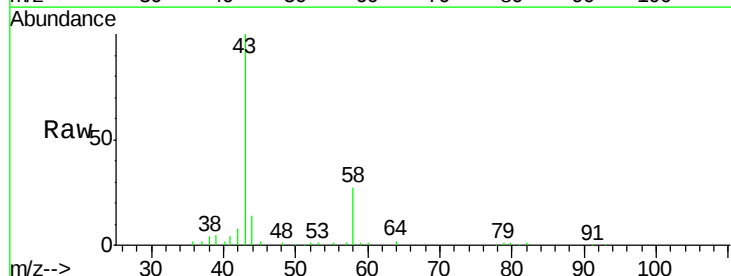
Acq: 11 Jul 2018 06:24

Tgt Ion: 43 Resp: 23344

Ion Ratio Lower Upper

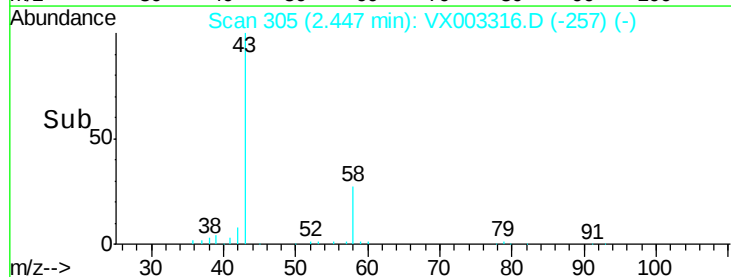
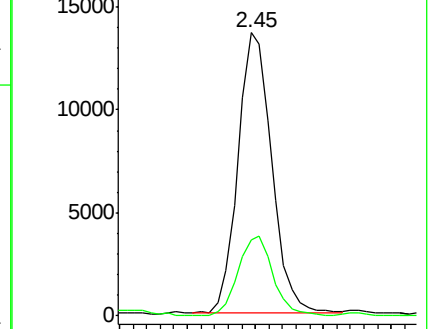
43 100

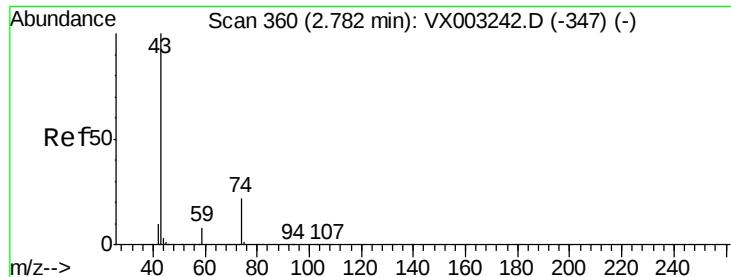
58 27.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methvl Acetate

Concen: 4.37 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003316.D

Acq: 11 Jul 2018 06:24

Instrument :

MSVOA_X

ClientSampleId :

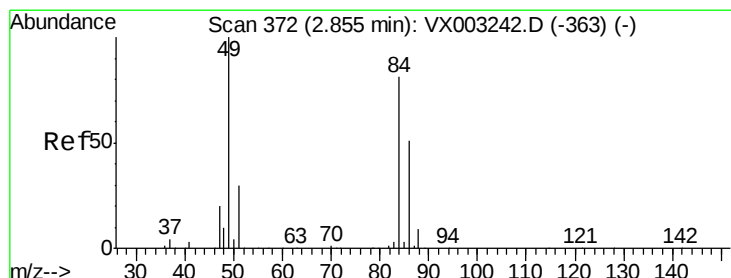
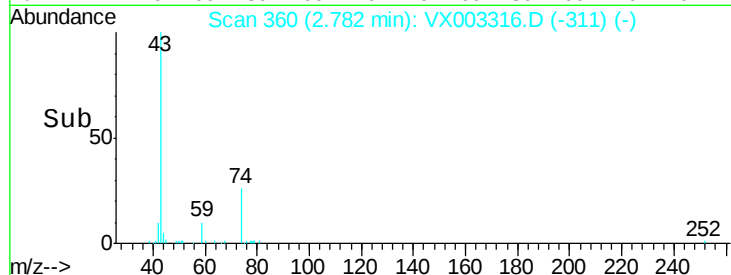
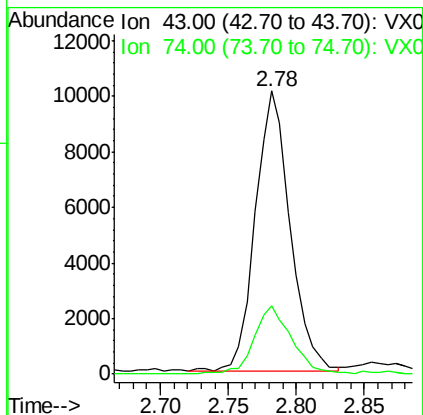
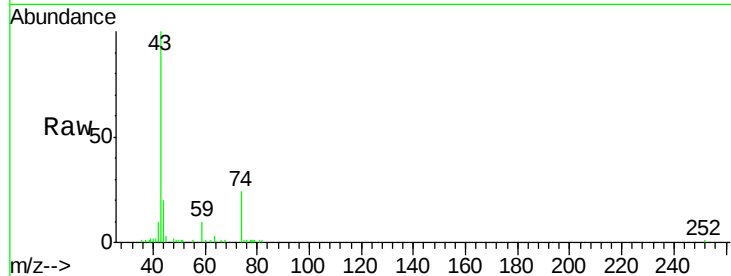
OR-03-070918

Tot Ion: 43 Resp: 18190

Ion Ratio Lower Upper

43 100

74 26.0 16.7 25.1#



#20

Methylene Chloride

Concen: 35.33 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003316.D

Acq: 11 Jul 2018 06:24

Tgt Ion: 84 Resp: 107487

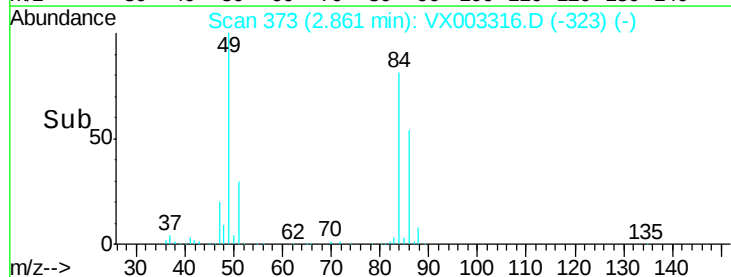
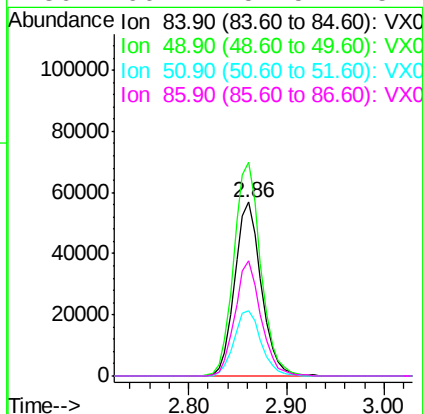
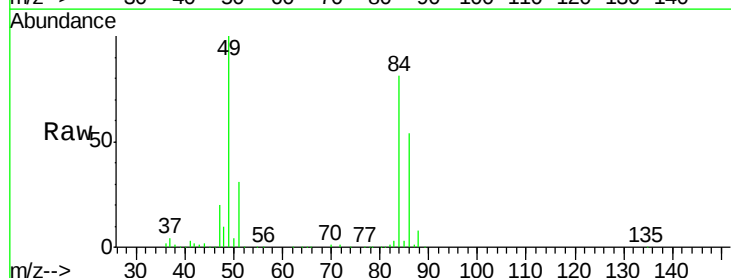
Ion Ratio Lower Upper

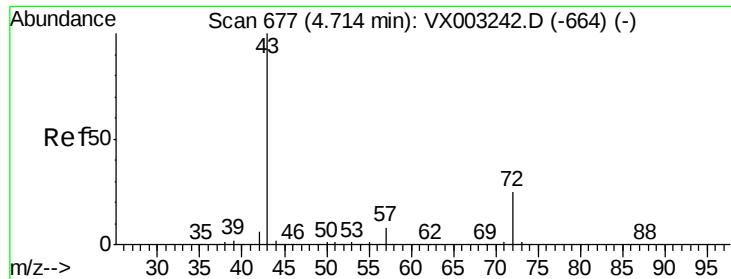
84 100

49 122.9 107.8 161.6

51 37.5 32.8 49.2

86 66.2 52.5 78.7





#25

2-Butanone

Concen: 1.95 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX003316.D

Acq: 11 Jul 2018 06:24

Instrument :

MSVOA_X

ClientSampleId :

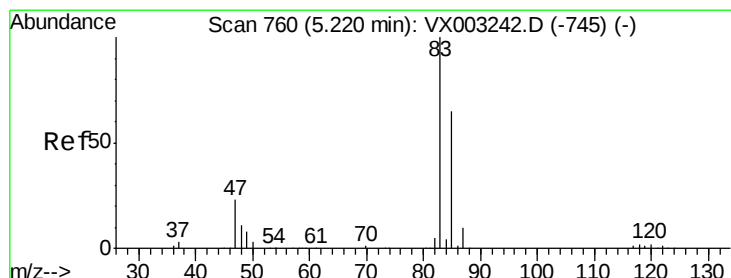
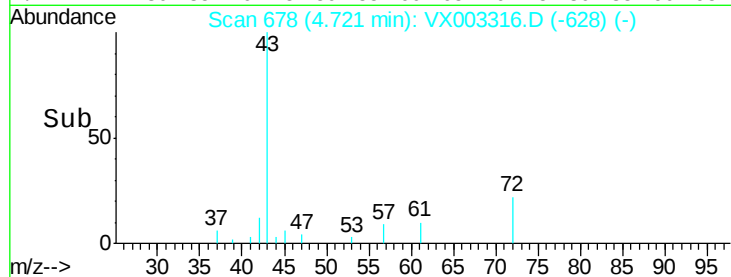
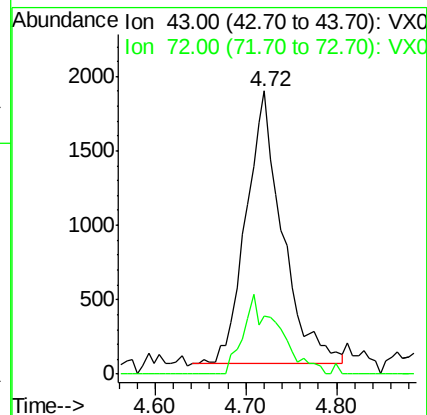
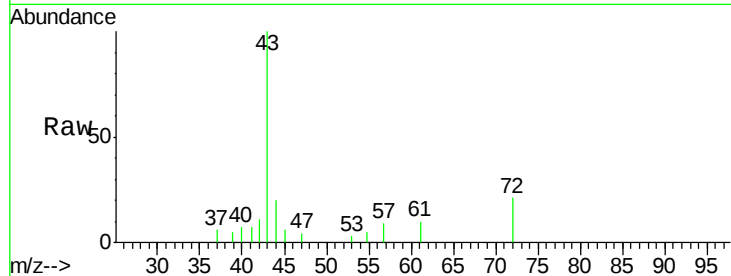
OR-03-070918

Tot Ion: 43 Resp: 5100

Ion Ratio Lower Upper

43 100

72 21.3 18.5 27.7



#30

Chloroform

Concen: 1.21 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003316.D

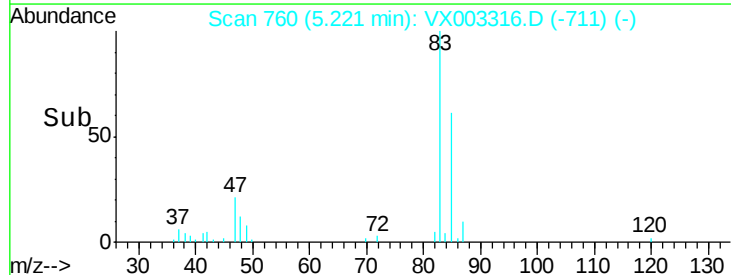
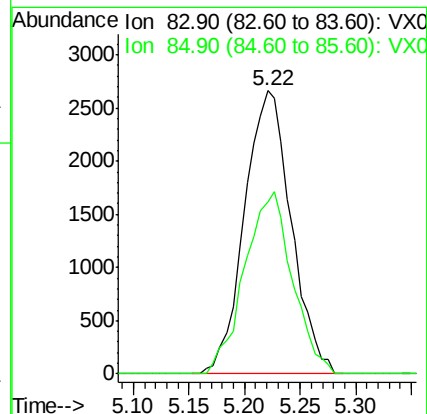
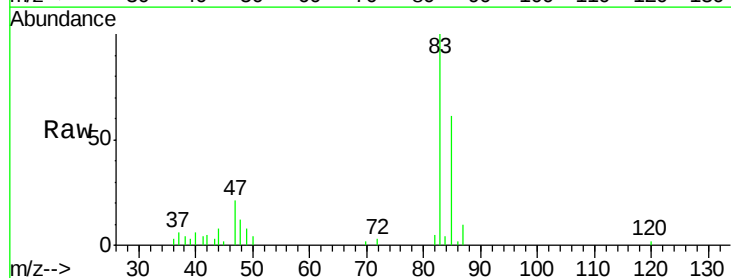
Acq: 11 Jul 2018 06:24

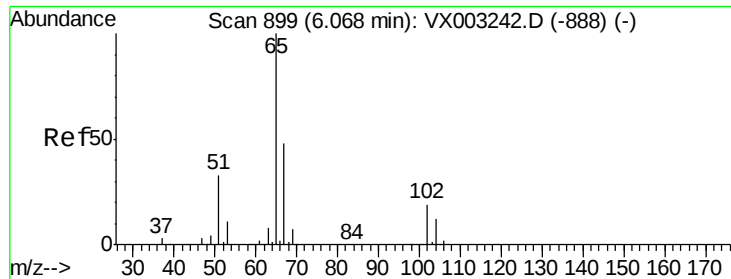
Tgt Ion: 83 Resp: 7759

Ion Ratio Lower Upper

83 100

85 60.9 50.4 75.6

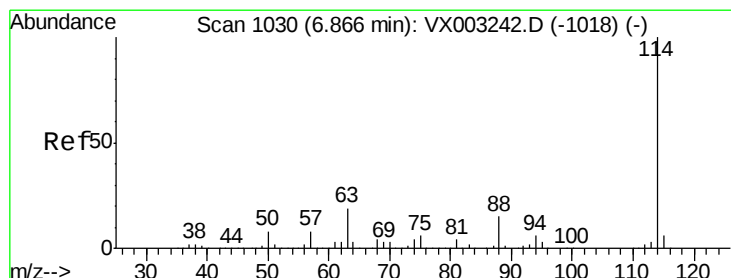
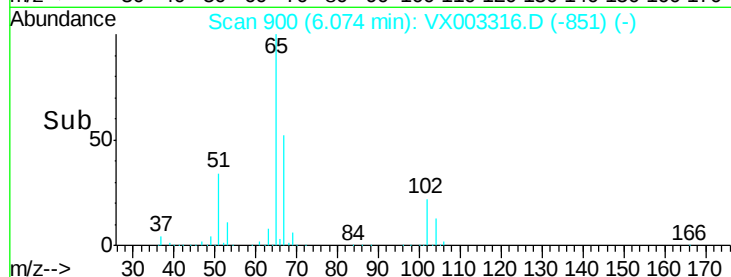
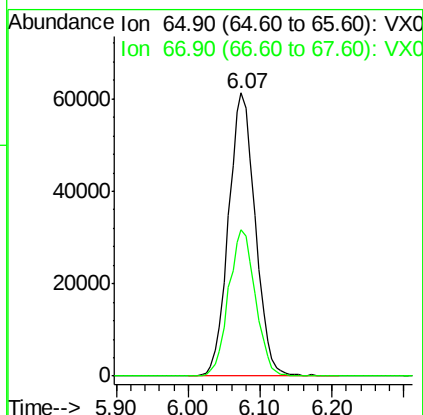
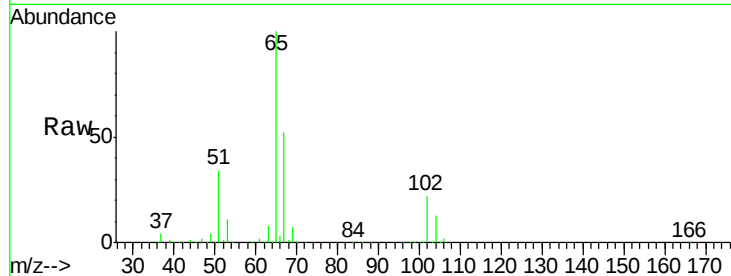




#33
 1,2-Dichloroethane-d4
 Concen: 38.06 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003316.D
 Acq: 11 Jul 2018 06:24

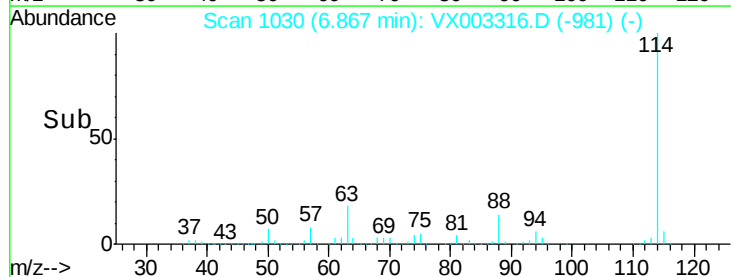
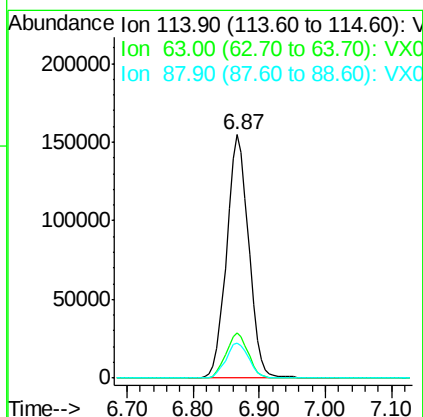
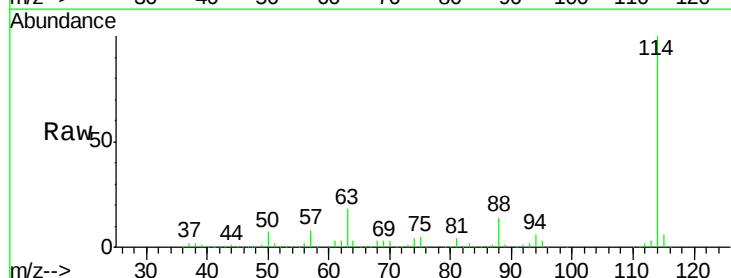
Instrument :
 MSVOA_X
 ClientSampleId :
 OR-03-070918

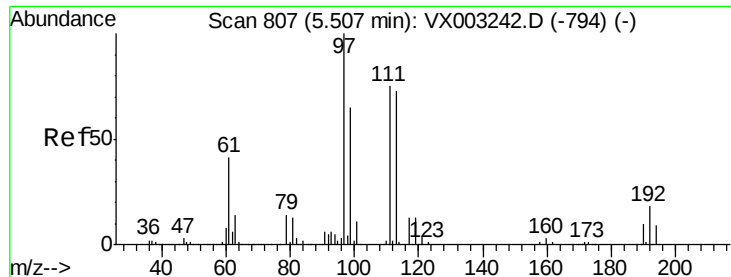
Tot Ion: 65 Resp: 158246
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003316.D
 Acq: 11 Jul 2018 06:24

Tgt Ion: 114 Resp: 357999
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 41.4
 88 14.2 0.0 30.0





#35

Dibromofluoromethane

Concen: 36.16 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003316.D

Acq: 11 Jul 2018 06:24

Instrument :

MSVOA_X

ClientSampleId :

OR-03-070918

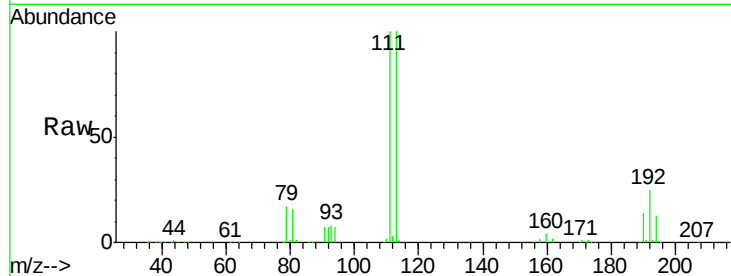
Tot Ion:113 Resp: 139091

Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

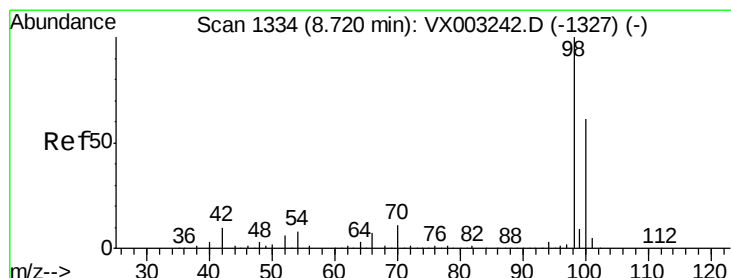
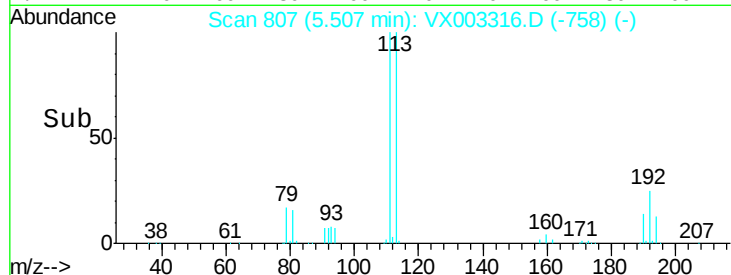
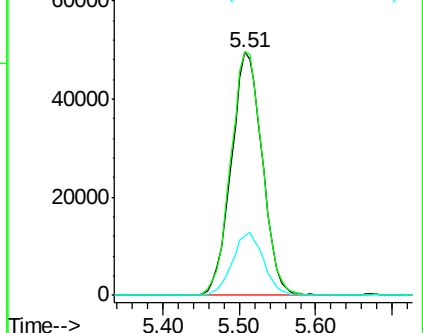
192 25.7 19.1 28.7



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: 36.34 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003316.D

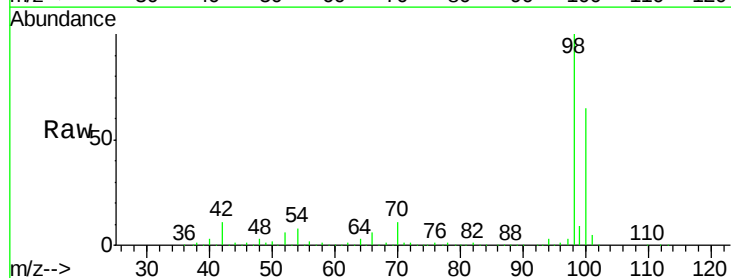
Acq: 11 Jul 2018 06:24

Tgt Ion: 98 Resp: 496450

Ion Ratio Lower Upper

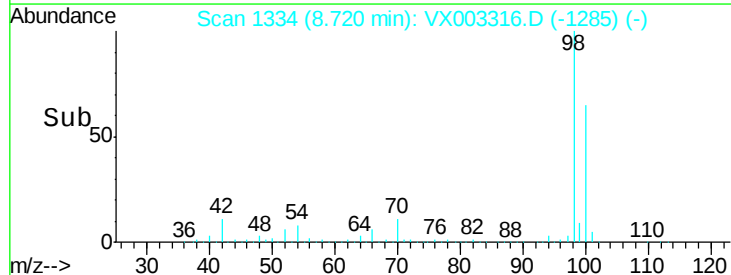
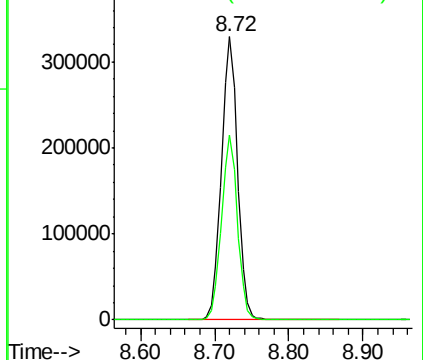
98 100

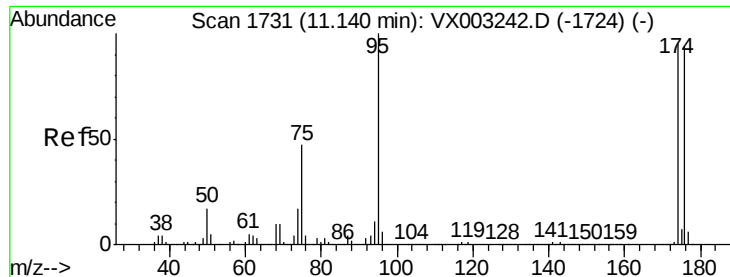
100 64.4 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

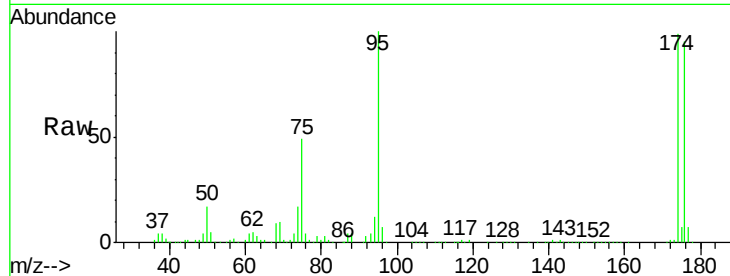




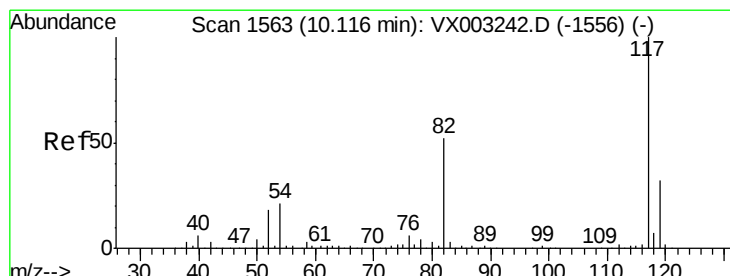
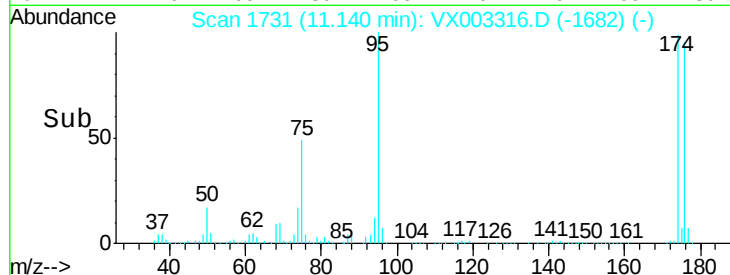
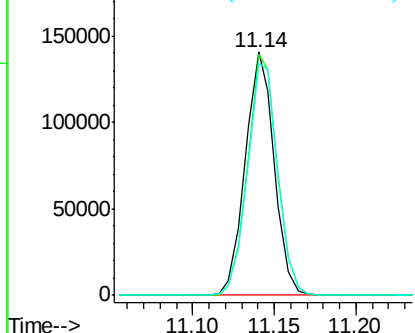
#62
4-Bromofluorobenzene
Concen: 34.42 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003316.D
Acq: 11 Jul 2018 06:24

Instrument :
MSVOA_X
ClientSampleId :
OR-03-070918

Tot Ion: 95 Resp: 173736
Ion Ratio Lower Upper
95 100
174 101.9 0.0 187.4
176 99.5 0.0 181.0

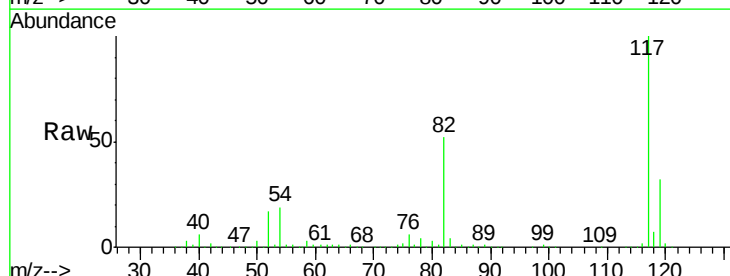


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

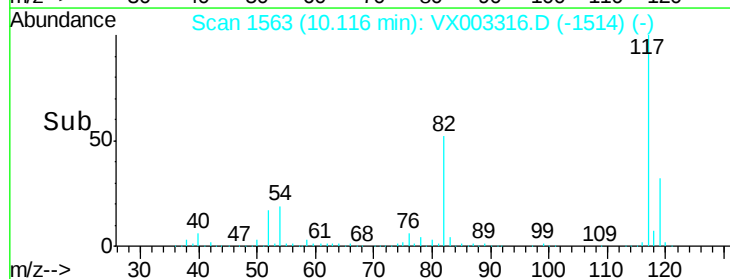
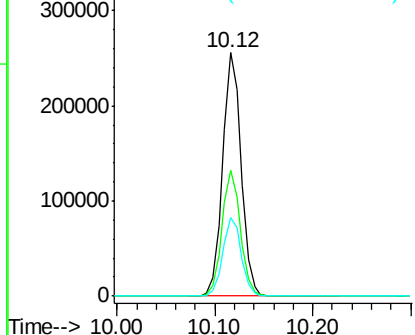


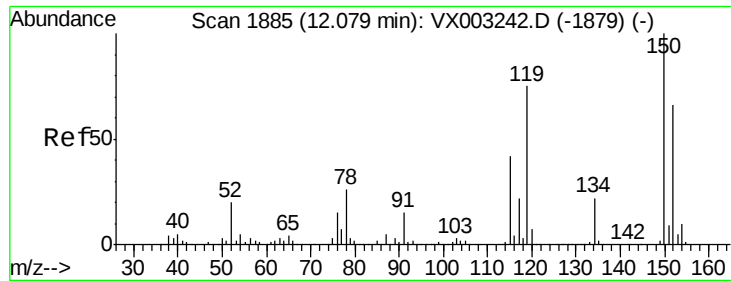
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003316.D
Acq: 11 Jul 2018 06:24

Tgt Ion: 117 Resp: 335563
Ion Ratio Lower Upper
117 100
82 51.9 45.0 67.4
119 32.4 25.8 38.6



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VX003316.D

Acq: 11 Jul 2018 06:24

Instrument :

MSVOA_X

ClientSampleId :

OR-03-070918

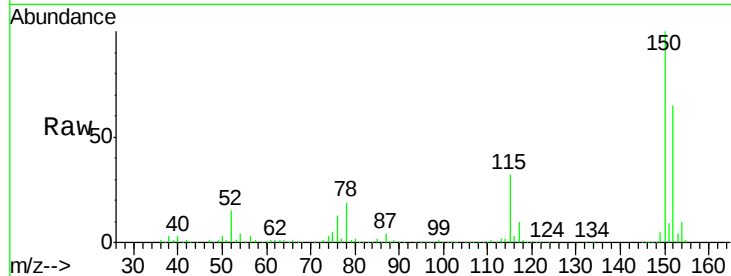
Tot Ion:152 Resp: 194532

Ion Ratio Lower Upper

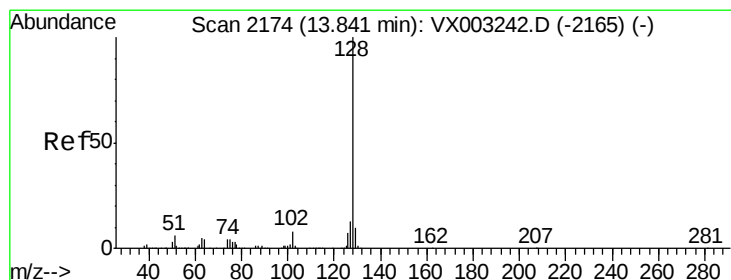
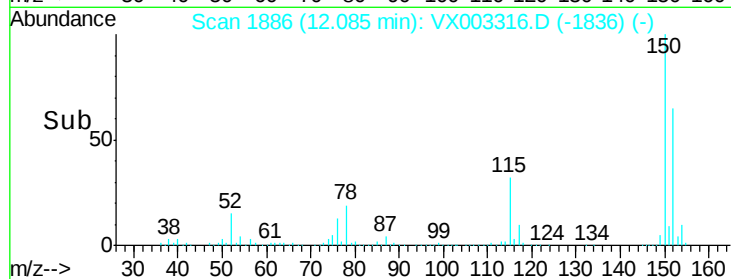
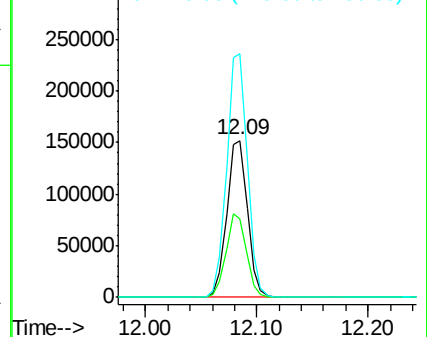
152 100

115 52.2 40.1 120.2

150 155.3 0.0 347.2



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: 14.78 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.01 min

Lab File: VX003316.D

Acq: 11 Jul 2018 06:24

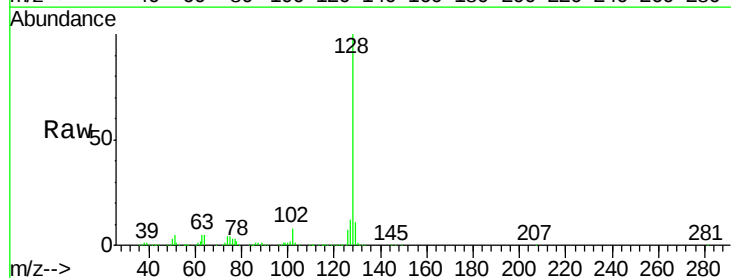
Tgt Ion:128 Resp: 229885

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.3 8.6 13.0



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

