

Data File : VX001318.D

Acq On : 02 May 2018 15:46

Operator : JC/MD

Sample : J2600-22

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 11 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW271-20180425

Quant Time: May 03 05:02:45 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	158555	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	212971	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	190743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	106406	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	118716	54.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.18%	
35) Dibromofluoromethane	5.51	113	97355	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
50) Toluene-d8	8.72	98	358050	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
62) 4-Bromofluorobenzene	11.14	95	116415	44.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.82%	

Target Compounds

						Qvalue
3) Chloromethane	1.32	50	422	0.25	ug/l	# 85
5) Bromomethane	1.65	94	817	Below	Cal	# 98
10) Methyl Iodide	2.53	142	1532	5.06	ug/l	# 93
11) Tert butyl alcohol	3.03	59	982	2.60	ug/l	# 83
13) Acrolein	2.30	56	169	0.78	ug/l	# 1
15) Acrylonitrile	3.14	53	491	0.56	ug/l	# 84
16) Acetone	2.45	43	3142	3.35	ug/l	# 94
17) Carbon Disulfide	2.57	76	903	0.22	ug/l	# 80
18) Methyl Acetate	2.78	43	590	0.27	ug/l	# 70
20) Methylene Chloride	2.87	84	369	Below	Cal	# 74
25) 2-Butanone	4.74	43	386	0.30	ug/l	# 49
29) Tetrahydrofuran	5.18	42	276	0.35	ug/l	# 33
31) Cyclohexane	5.67	56	2754	1.02	ug/l	# 1
36) 1,1-Dichloropropene	5.67	75	9698	3.95	ug/l	# 49
38) Carbon Tetrachloride	5.67	117	13490	5.24	ug/l	# 18
49) 1,4-Dioxane	7.78	88	20	0.50	ug/l	# 1
76) 1,2,3-Trichloropropane	11.14	75	61122	31.06	ug/l	# 39
81) trans-1,4-Dichloro-2-buten	11.14	75	61122	96.68	ug/l	# 6

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

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BP-HN-MW271-20180425

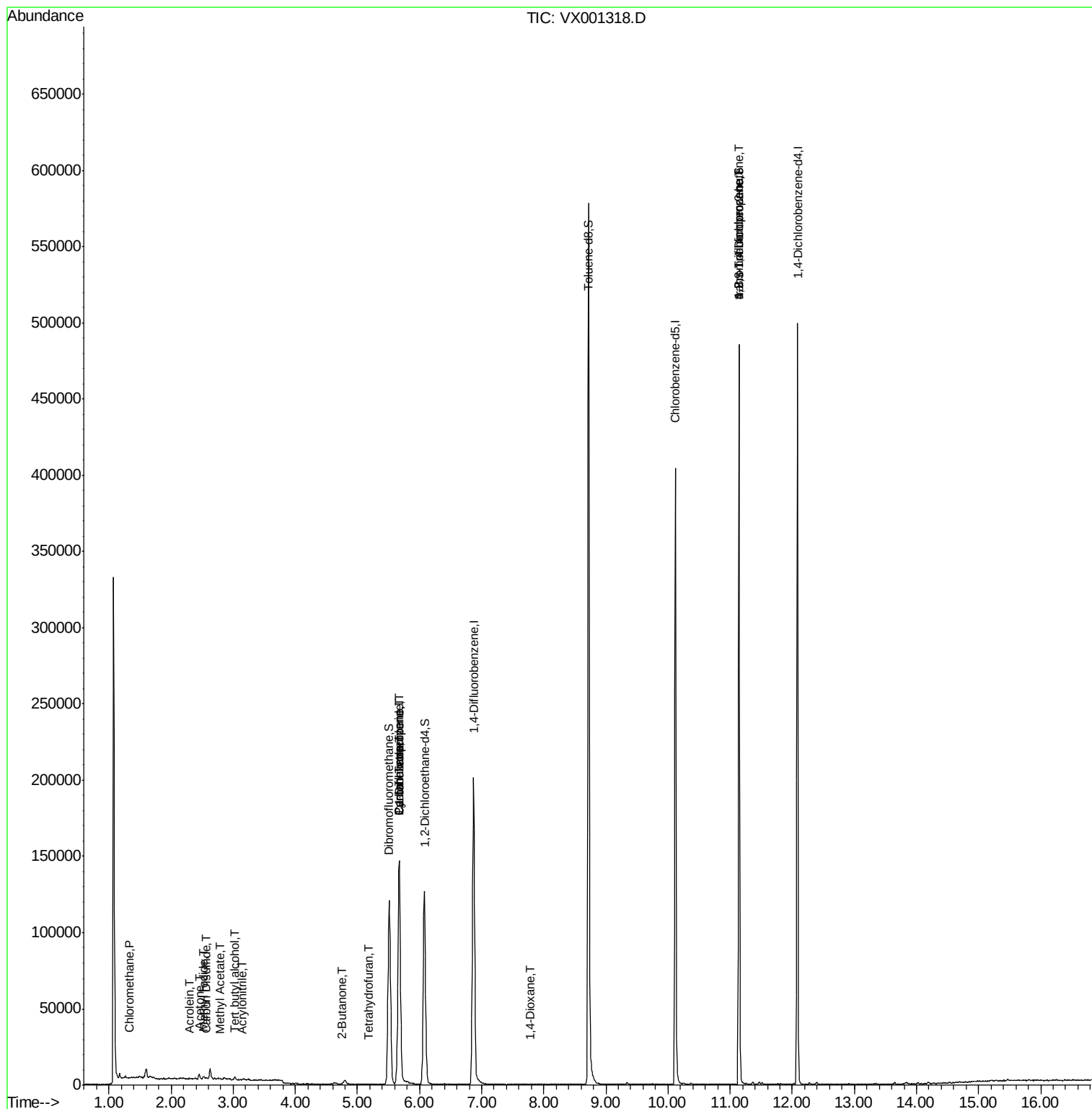
Quant Time: May 03 05:02:45 2018

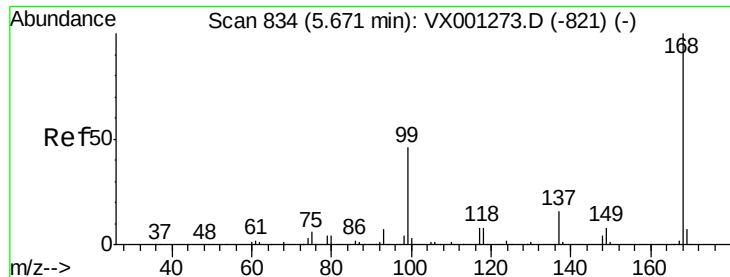
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M

Quant Title : SW846 8260

QLast Update : Wed May 02 01:48:25 2018

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

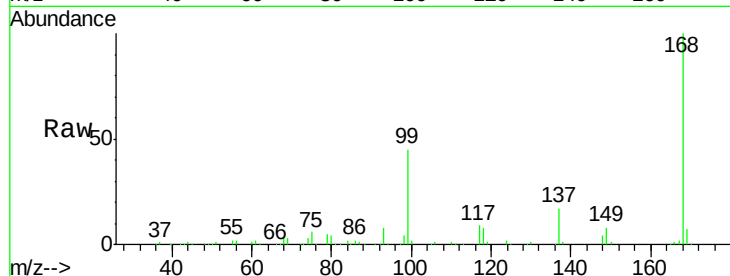
BP-HN-MW271-20180425

Tgt Ion: 168 Resp: 158555

Ion Ratio Lower Upper

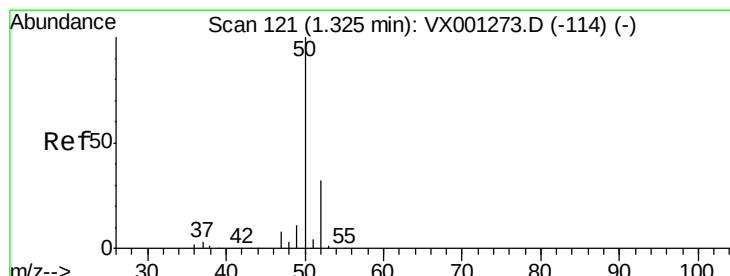
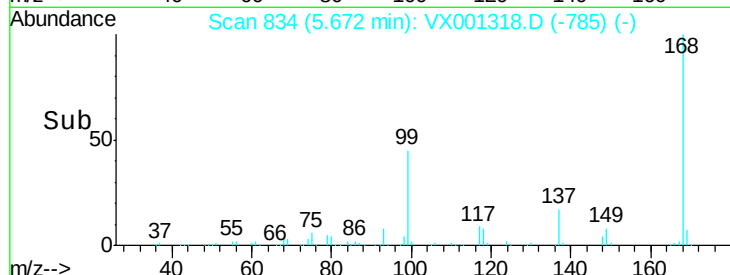
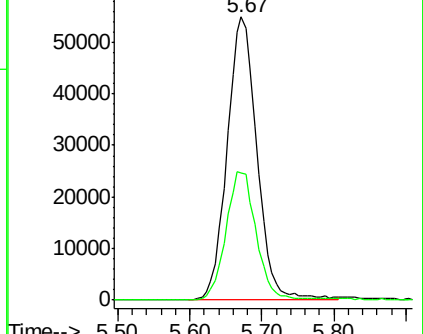
168 100

99 45.1 36.5 54.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.25 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001318.D

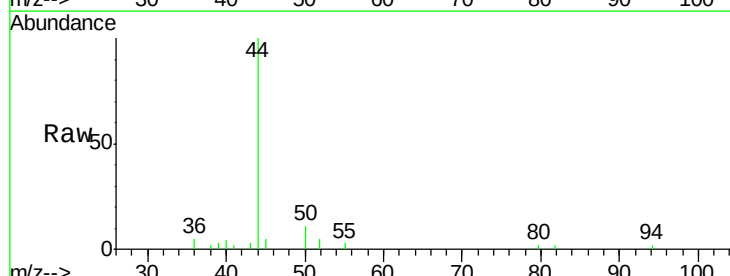
Acq: 02 May 2018 15:46

Tgt Ion: 50 Resp: 422

Ion Ratio Lower Upper

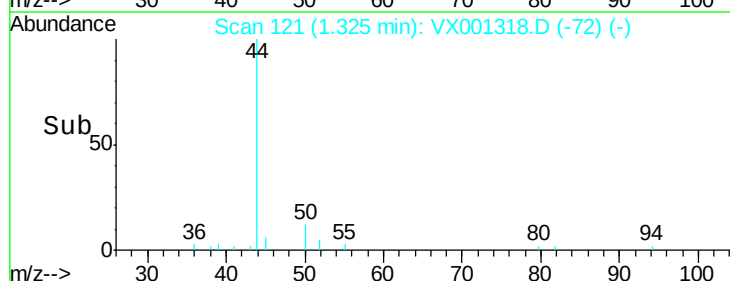
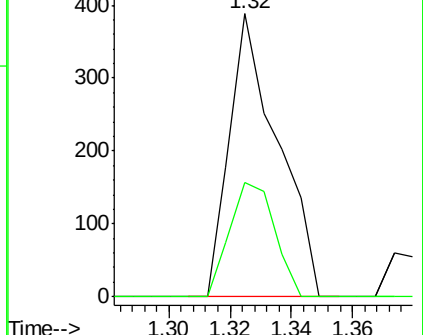
50 100

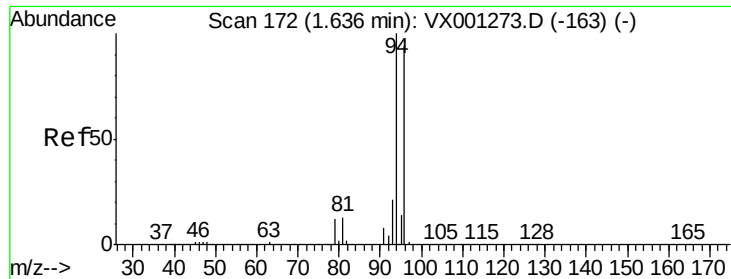
52 40.5 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

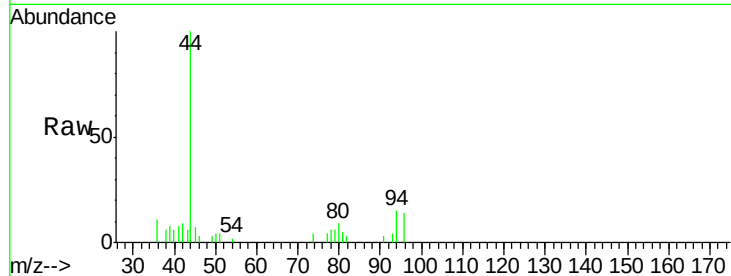
BP-HN-MW271-20180425

Tgt Ion: 94 Resp: 817

Ion Ratio Lower Upper

94 100

96 96.8 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX001273.D (-163) (-)

Ion 95.90 (95.60 to 96.60): VX001273.D (-163) (-)

1.65

300

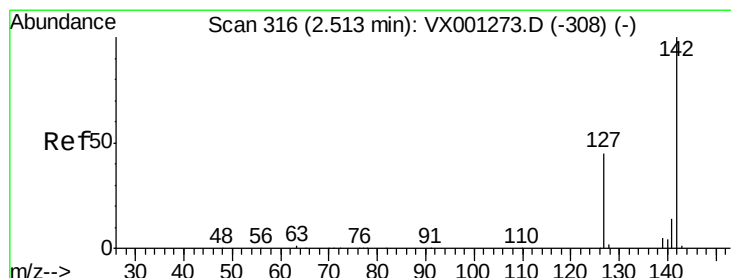
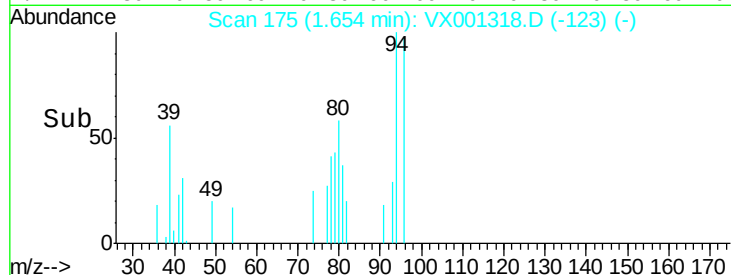
200

100

0

1.60 1.65 1.70

Time-->



#10

Methyl Iodide

Concen: 5.06 ug/l

RT: 2.53 min Scan# 318

Delta R.T. 0.01 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

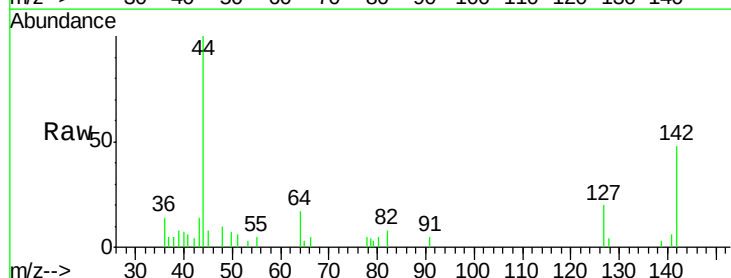
Tgt Ion: 142 Resp: 1532

Ion Ratio Lower Upper

142 100

127 49.3 35.7 53.5

141 12.1 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): VX001273.D (-308) (-)

Ion 126.80 (126.50 to 127.50): VX001273.D (-308) (-)

Ion 140.80 (140.50 to 141.50): VX001273.D (-308) (-)

2.53

1000

800

600

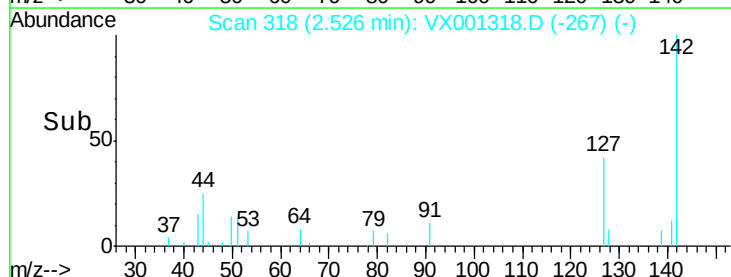
400

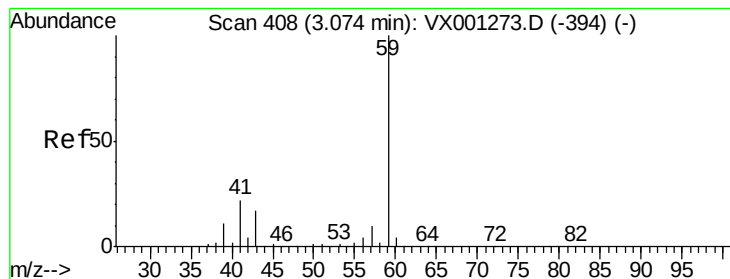
200

0

2.45 2.50 2.55

Time-->





#11

Tert butyl alcohol

Concen: 2.60 ug/l

RT: 3.03 min Scan# 400

Delta R.T. -0.05 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

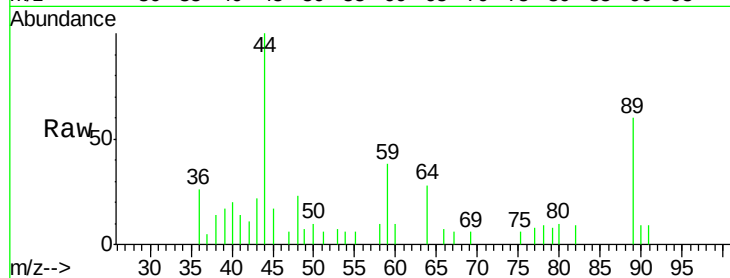
BP-HN-MW271-20180425

Tgt Ion: 59 Resp: 982

Ion Ratio Lower Upper

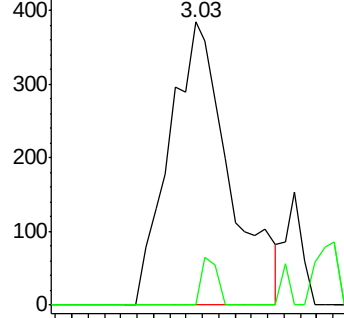
59 100

57 4.5 8.6 12.8#

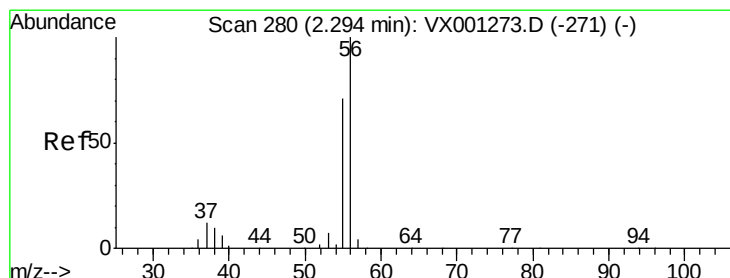
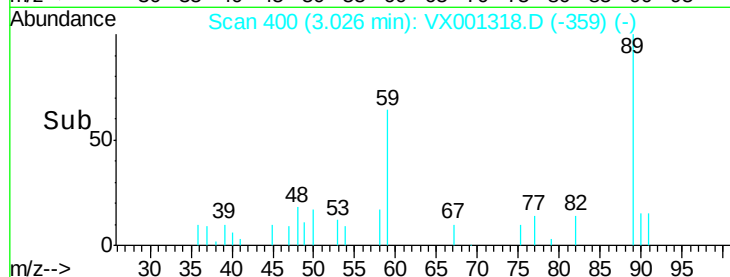


Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



Time-->



#13

Acrolein

Concen: 0.78 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX001318.D

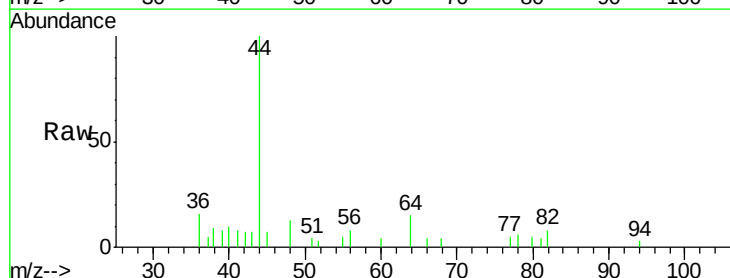
Acq: 02 May 2018 15:46

Tgt Ion: 56 Resp: 169

Ion Ratio Lower Upper

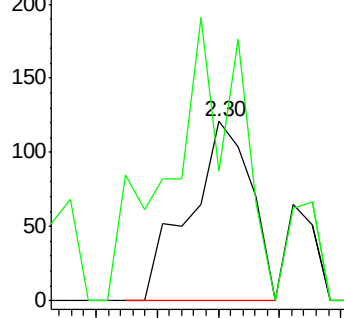
56 100

55 179.9 57.2 85.8#

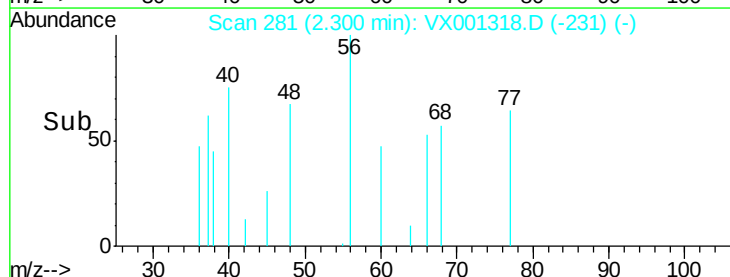


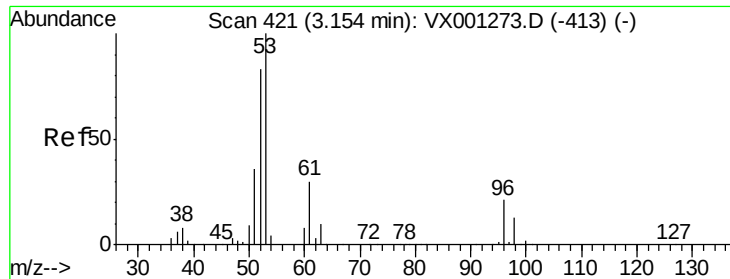
Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->





#15

Acrylonitrile

Concen: 0.56 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.01 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

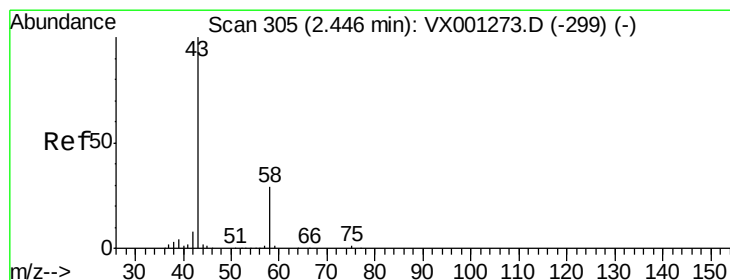
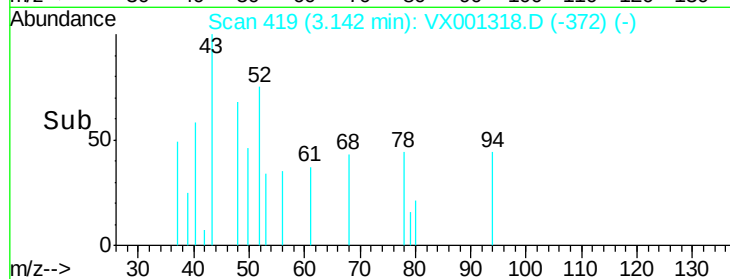
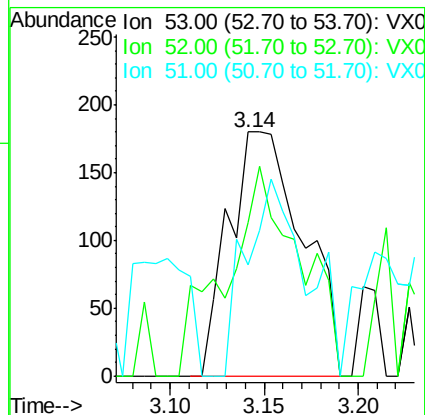
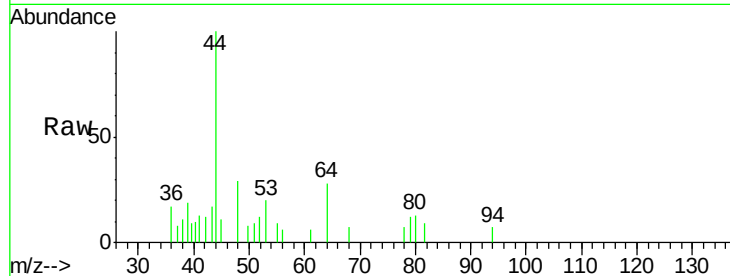
Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW271-20180425

Tgt Ion:	53	Resp:	491
Ion	Ratio	Lower	Upper
53	100		
52	85.9	67.0	100.4
51	65.2	29.9	44.9#



#16

Acetone

Concen: 3.35 ug/l

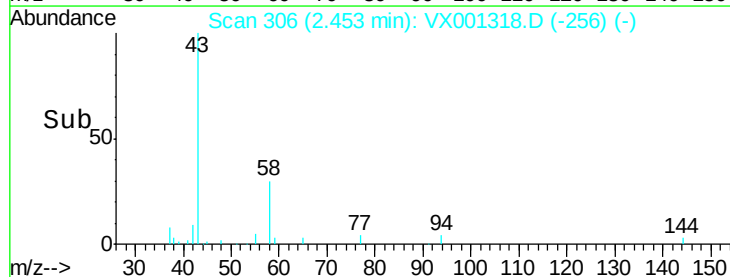
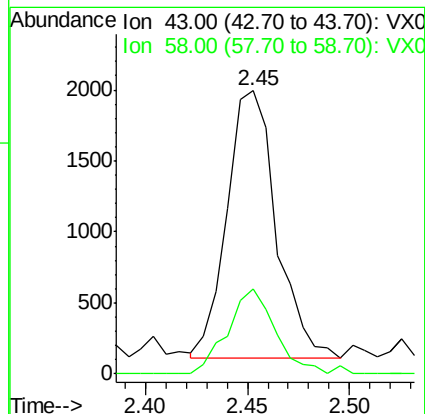
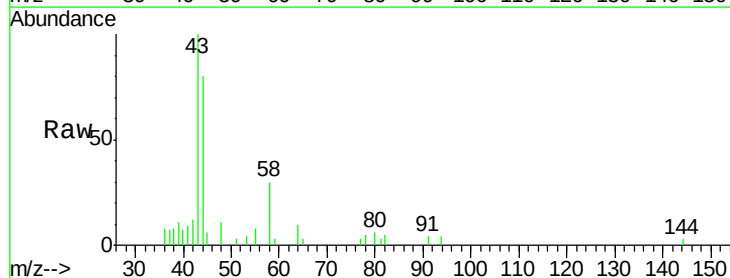
RT: 2.45 min Scan# 306

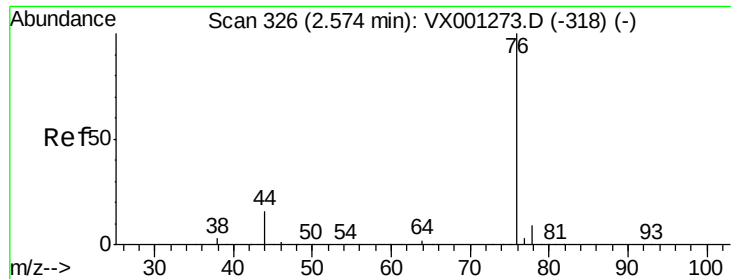
Delta R.T. 0.01 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

Tgt Ion:	43	Resp:	3142
Ion	Ratio	Lower	Upper
43	100		
58	31.8	22.8	34.2





#17

Carbon Disulfide

Concen: 0.22 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

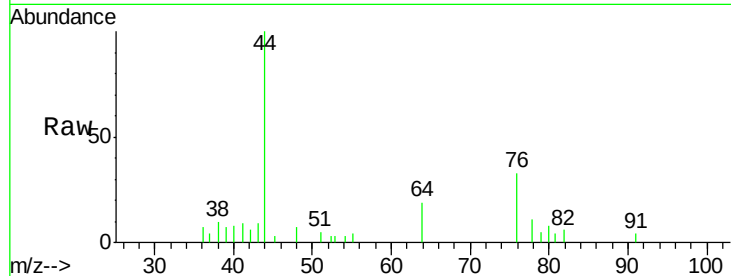
BP-HN-MW271-20180425

Tgt Ion: 76 Resp: 903

Ion Ratio Lower Upper

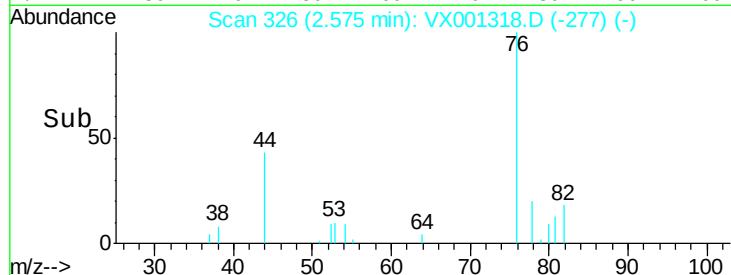
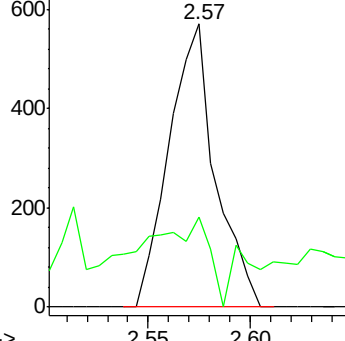
76 100

78 15.8 7.0 10.4#

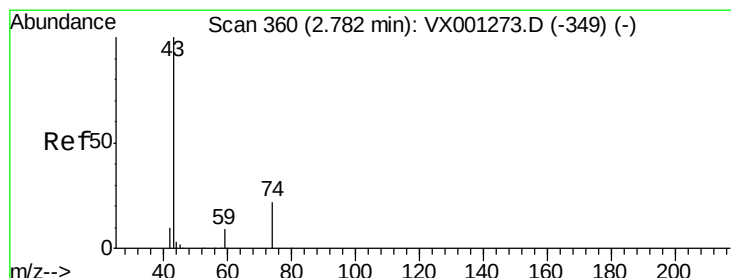


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 0.27 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001318.D

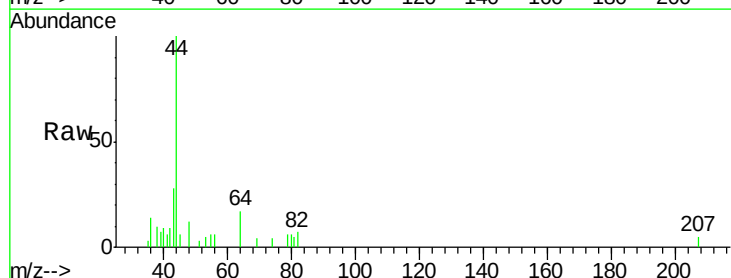
Acq: 02 May 2018 15:46

Tgt Ion: 43 Resp: 590

Ion Ratio Lower Upper

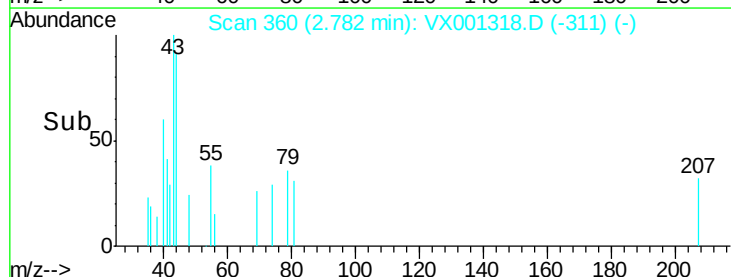
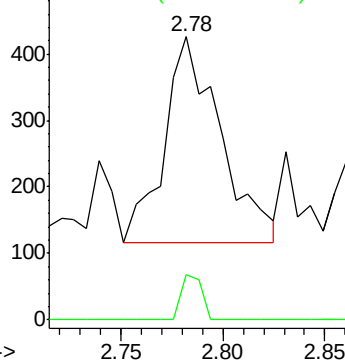
43 100

74 8.0 17.8 26.6#

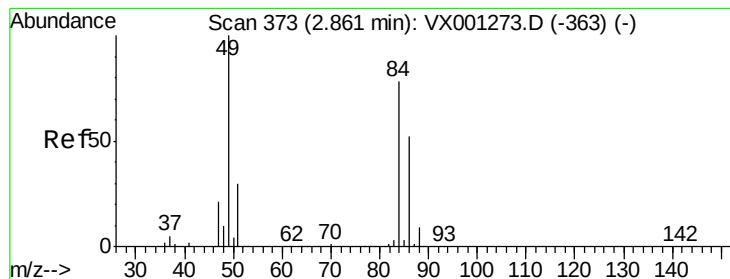


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW271-20180425

Tgt Ion: 84 Resp: 369

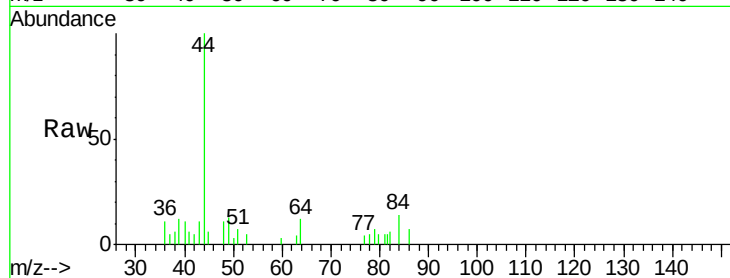
Ion Ratio Lower Upper

84 100

49 94.4 102.8 154.2#

51 49.8 30.9 46.3#

86 46.8 53.0 79.4#

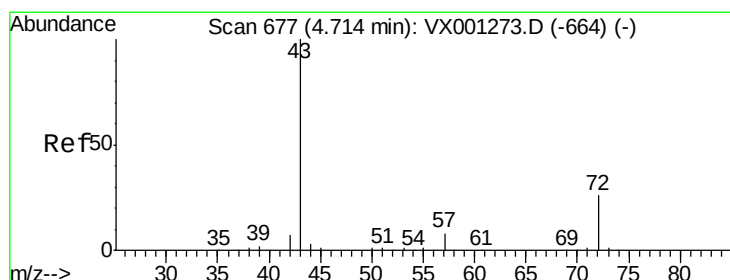
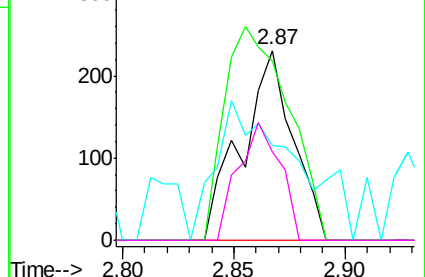
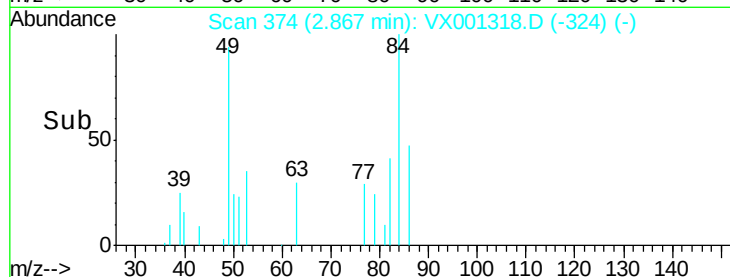


Abundance Ion 83.90 (83.60 to 84.60): VX0

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



#25

2-Butanone

Concen: 0.30 ug/l

RT: 4.74 min Scan# 681

Delta R.T. 0.02 min

Lab File: VX001318.D

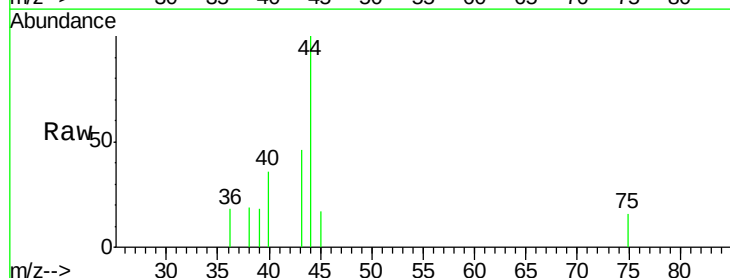
Acq: 02 May 2018 15:46

Tgt Ion: 43 Resp: 386

Ion Ratio Lower Upper

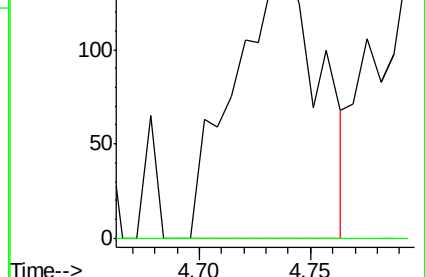
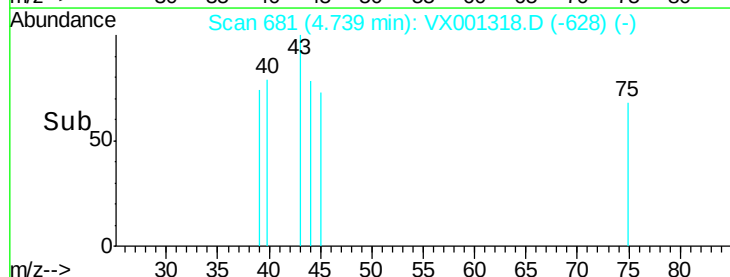
43 100

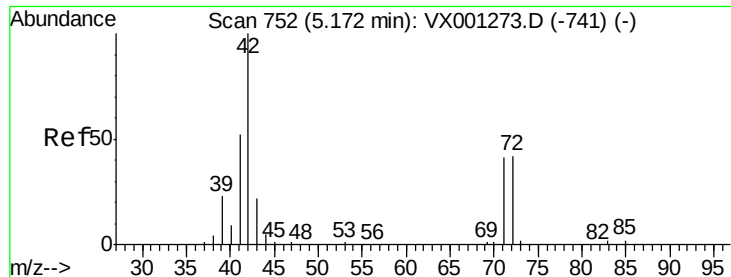
72 0.0 20.5 30.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

Instrument :

MSVOA_X

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BP-HN-MW271-20180425

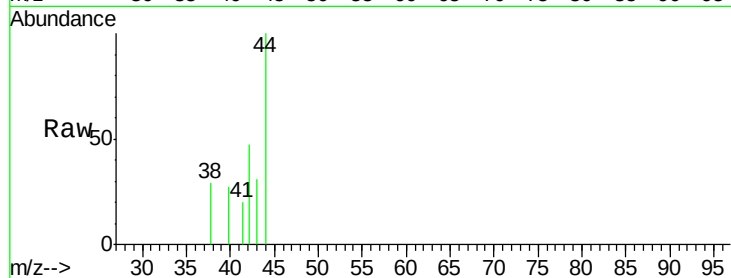
Tgt Ion: 42 Resp: 276

Ion Ratio Lower Upper

42 100

72 0.0 34.6 52.0#

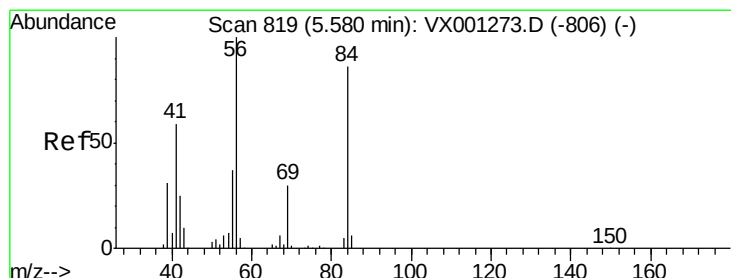
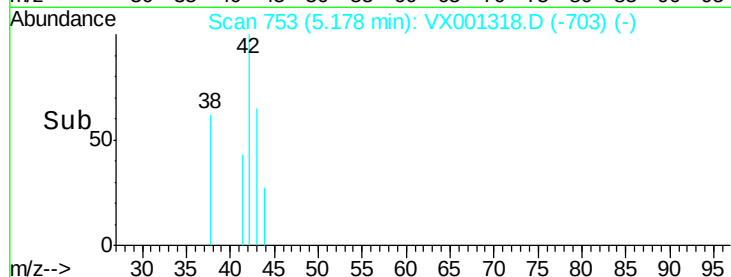
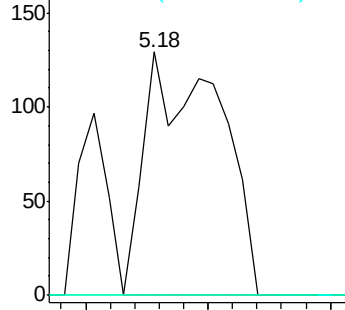
71 0.0 32.7 49.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#31

Cyclohexane

Concen: 1.02 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

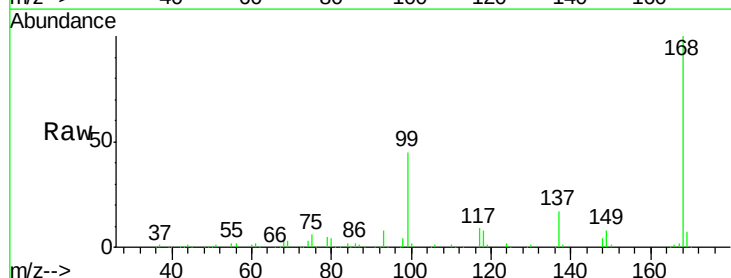
Tgt Ion: 56 Resp: 2754

Ion Ratio Lower Upper

56 100

69 181.2 24.0 36.0#

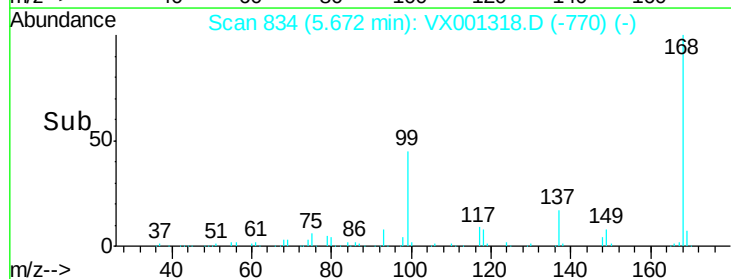
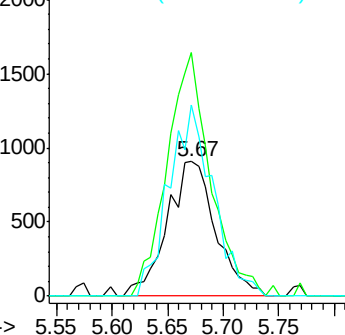
84 141.8 69.0 103.4#

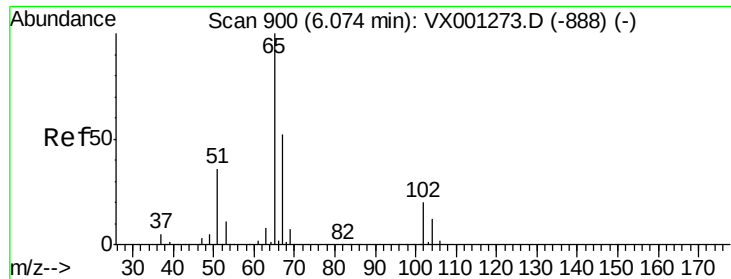


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

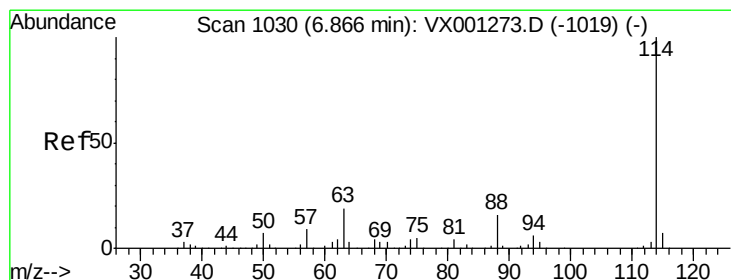
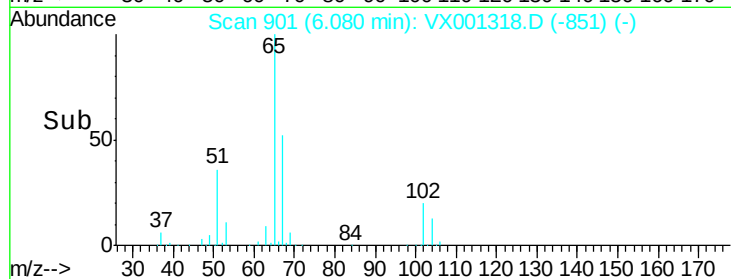
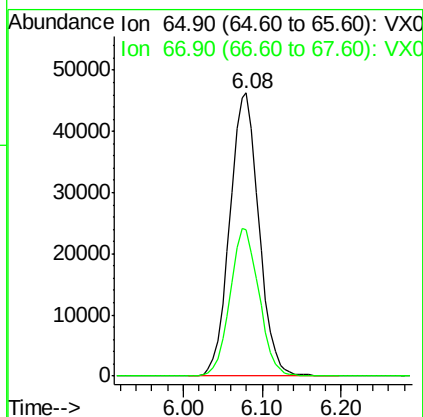
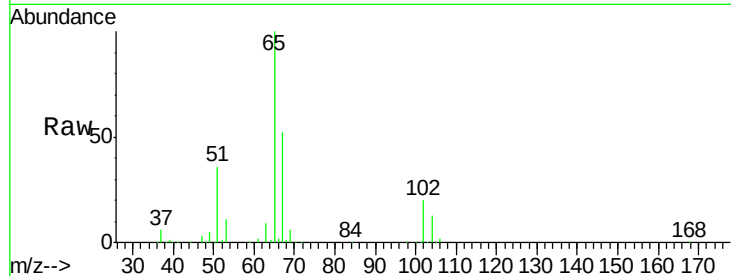




#33
 1,2-Dichloroethane-d4
 Concen: 54.09 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX001318.D
 Acq: 02 May 2018 15:46

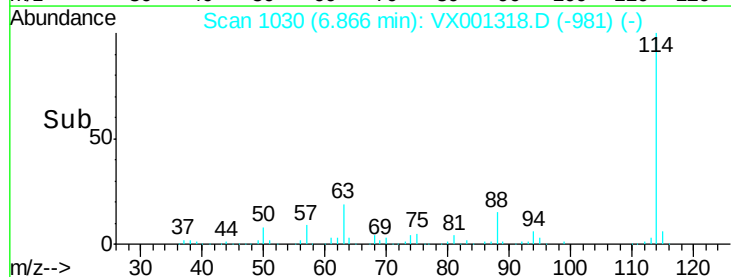
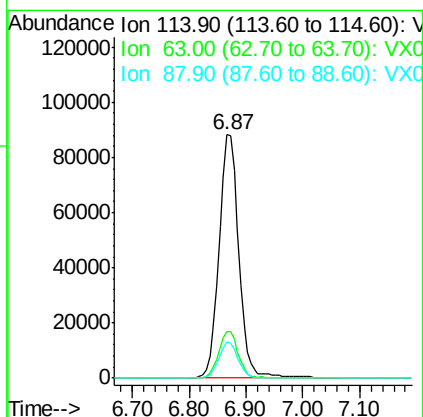
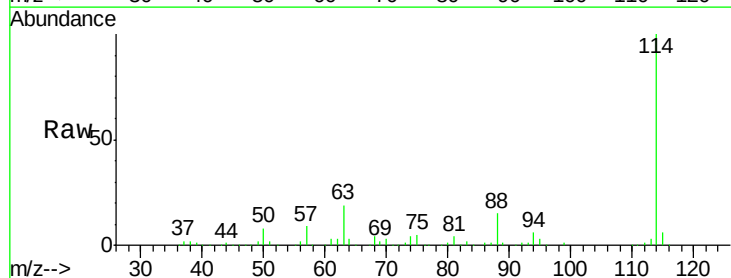
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW271-20180425

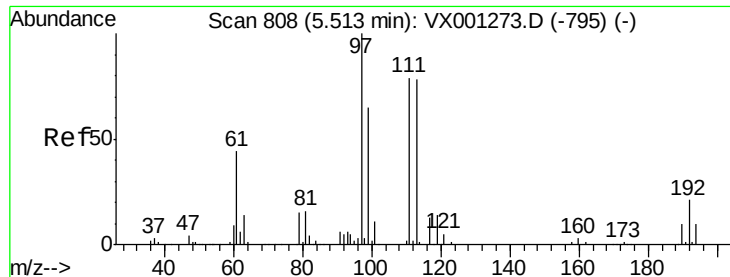
Tgt Ion: 65 Resp: 118716
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001318.D
 Acq: 02 May 2018 15:46

Tgt Ion: 114 Resp: 212971
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.8
 88 14.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 53.06 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW271-20180425

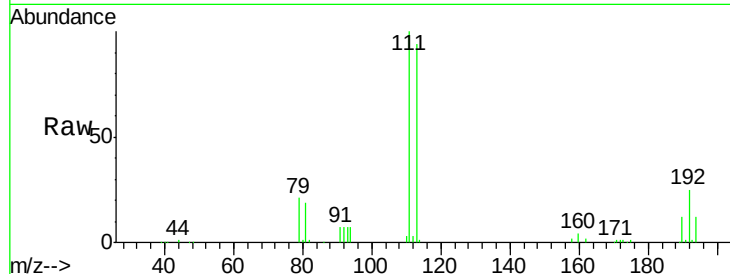
Tgt Ion:113 Resp: 97355

Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

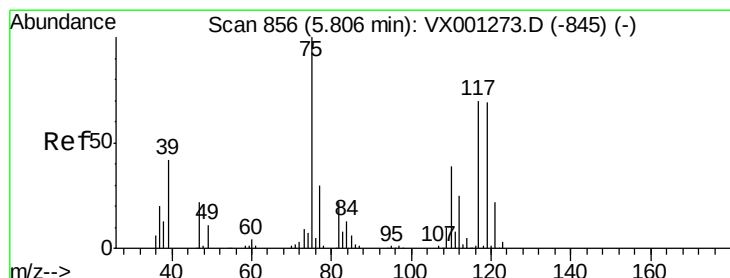
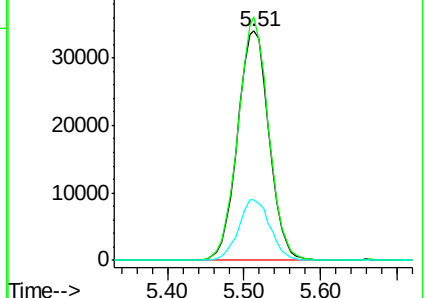
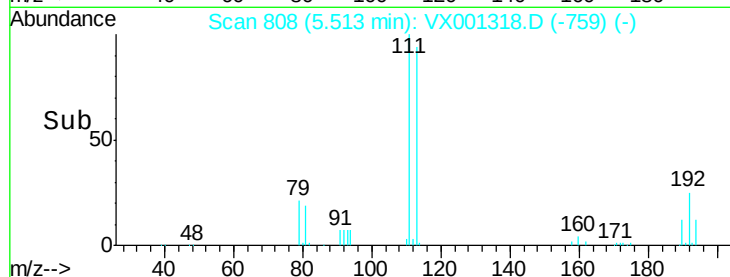
192 26.4 20.7 31.1



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



#36

1,1-Dichloropropene

Concen: 3.95 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

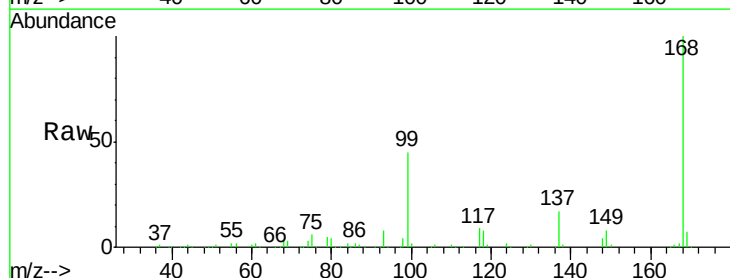
Tgt Ion: 75 Resp: 9698

Ion Ratio Lower Upper

75 100

110 9.1 18.9 56.9#

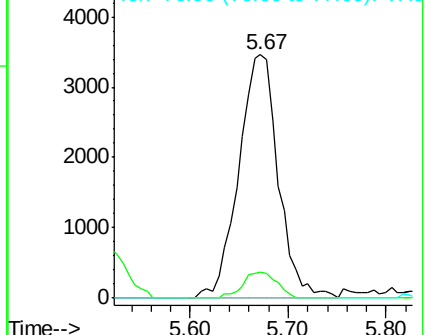
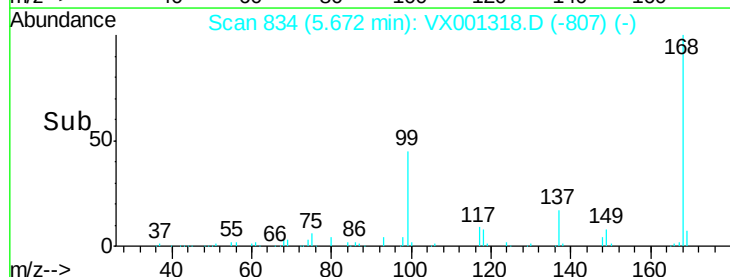
77 0.0 24.2 36.2#

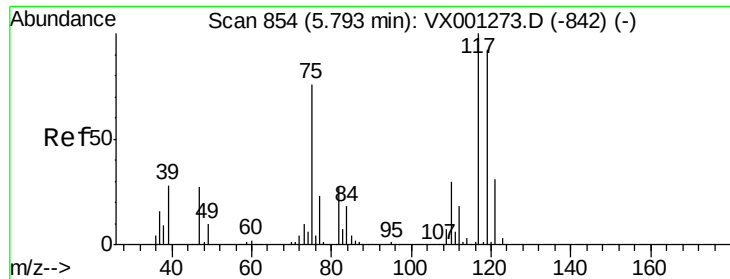


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.24 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW271-20180425

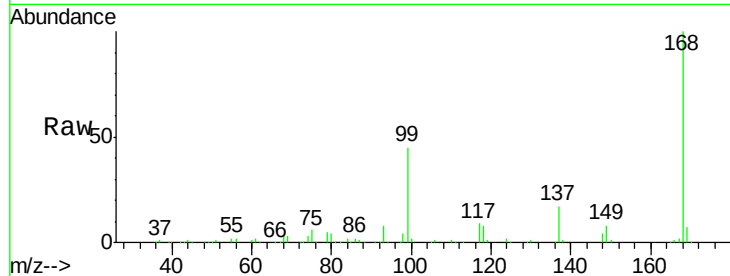
Tgt Ion:117 Resp: 13490

Ion Ratio Lower Upper

117 100

119 5.5 73.4 110.2#

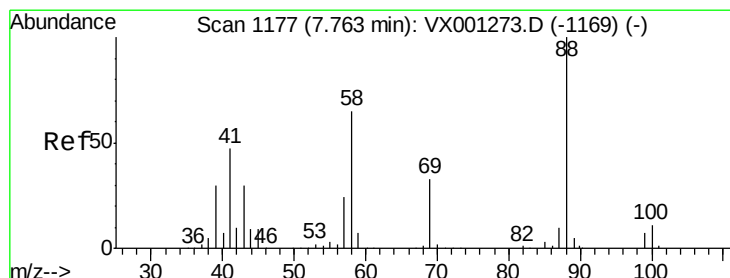
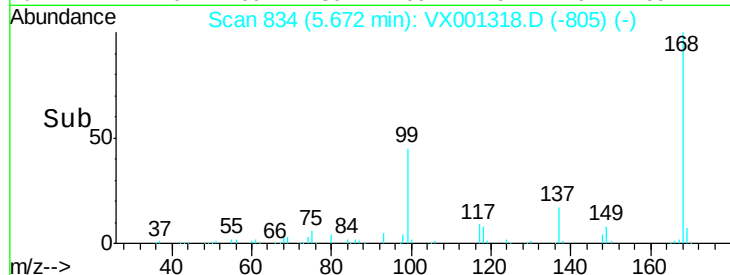
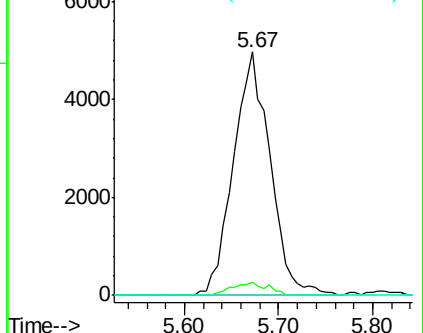
121 0.0 25.0 37.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#49

1,4-Dioxane

Concen: 0.50 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.02 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

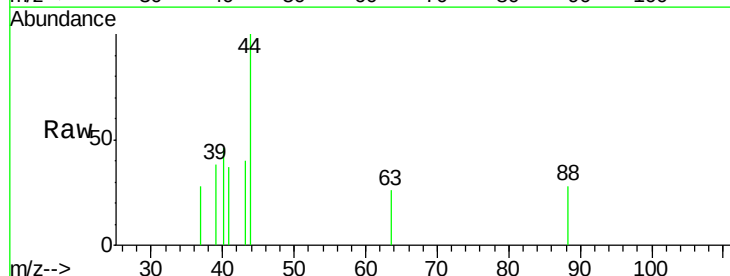
Tgt Ion: 88 Resp: 20

Ion Ratio Lower Upper

88 100

43 615.0 27.9 41.9#

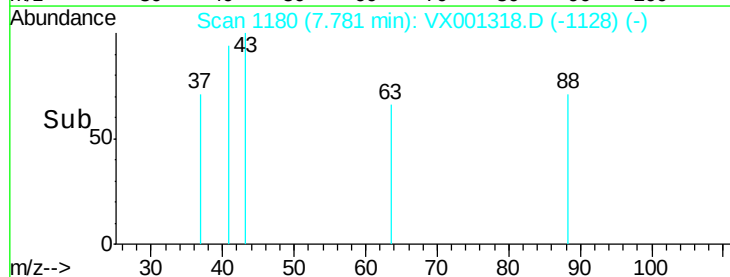
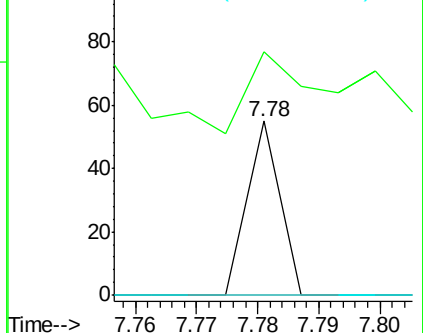
58 0.0 54.2 81.2#

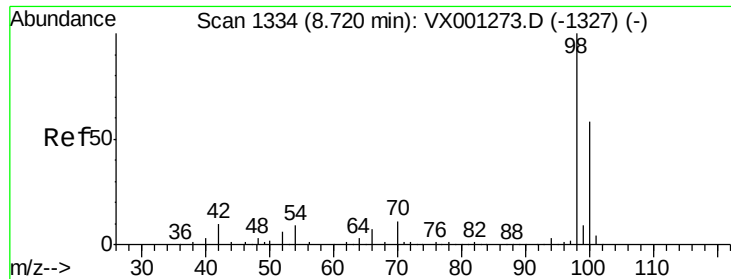


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

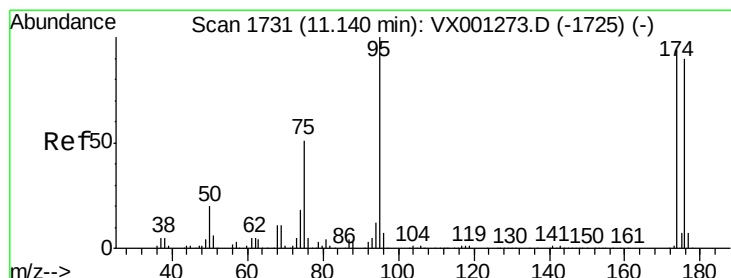
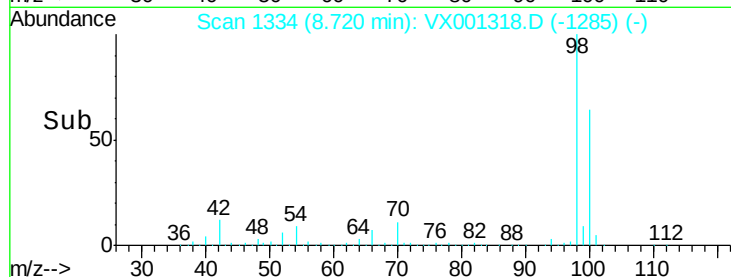
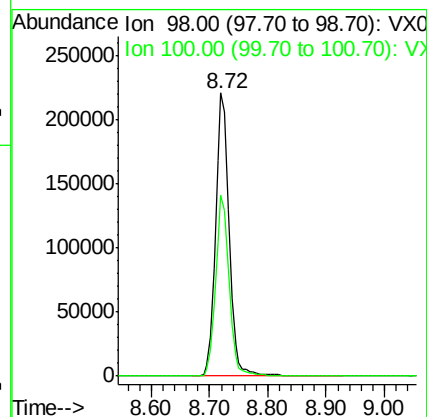
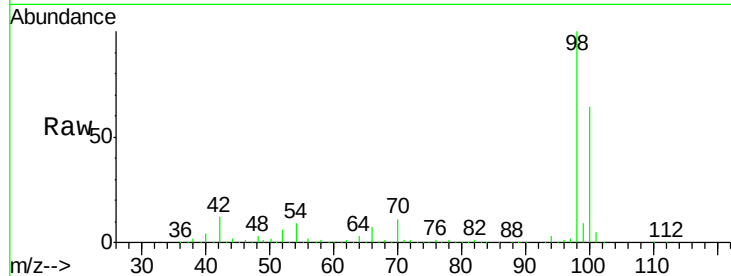




#50
Toluene-d8
Concen: 54.62 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001318.D
Acq: 02 May 2018 15:46

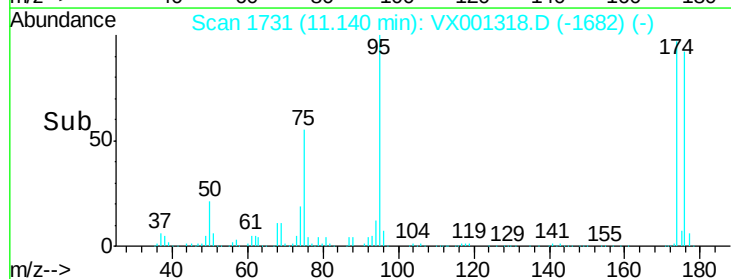
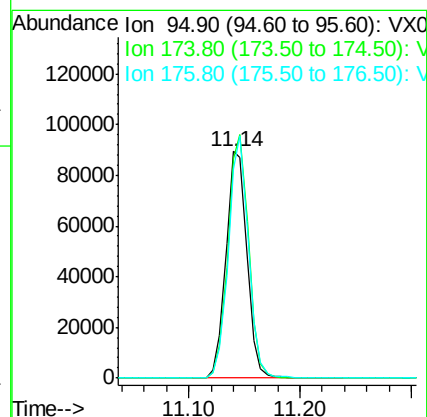
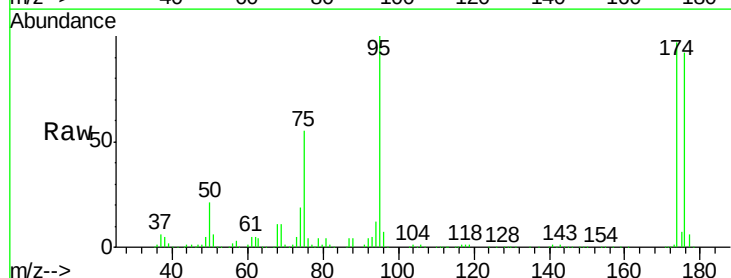
Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW271-20180425

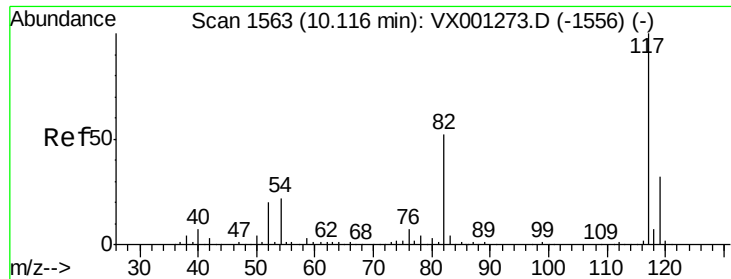
Tgt Ion: 98 Resp: 358050
Ion Ratio Lower Upper
98 100
100 63.5 51.0 76.4



#62
4-Bromofluorobenzene
Concen: 44.41 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001318.D
Acq: 02 May 2018 15:46

Tgt Ion: 95 Resp: 116415
Ion Ratio Lower Upper
95 100
174 105.4 0.0 201.8
176 101.9 0.0 197.2

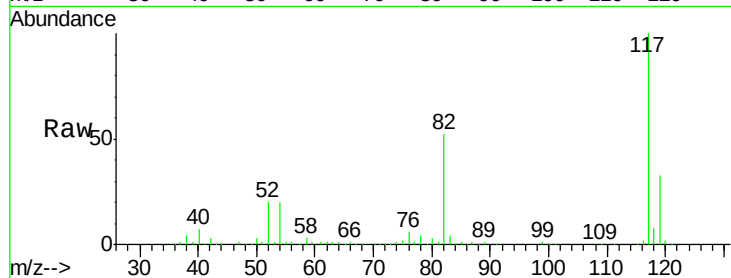




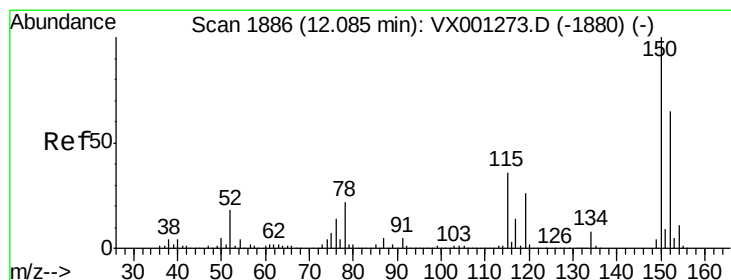
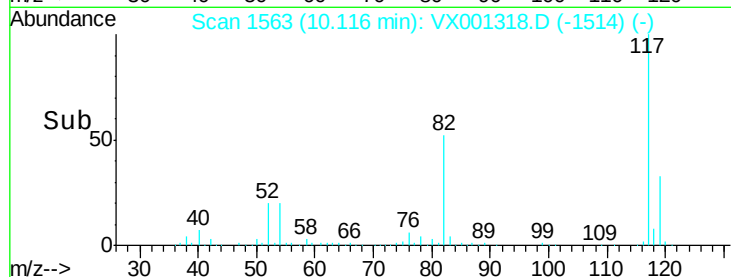
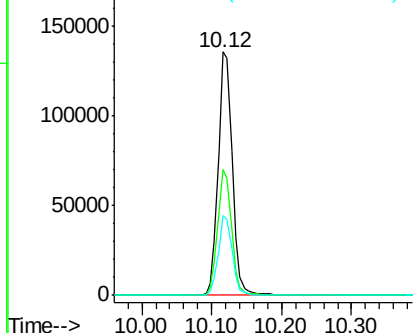
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX001318.D
Acq: 02 May 2018 15:46

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW271-20180425

Tgt Ion:117 Resp: 190743
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.0
119 32.9 25.5 38.3

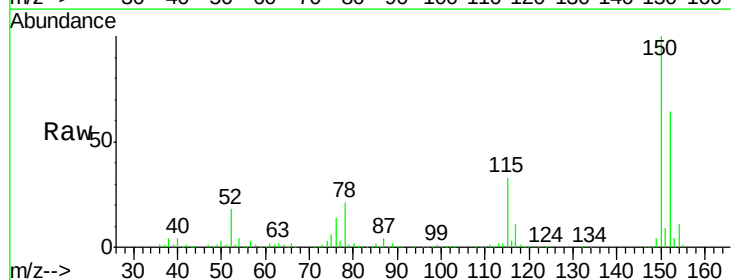


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

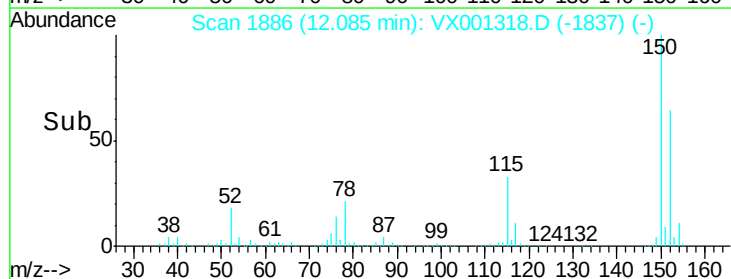
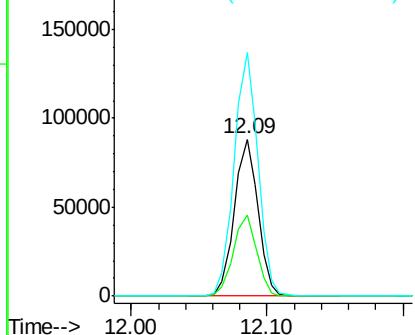


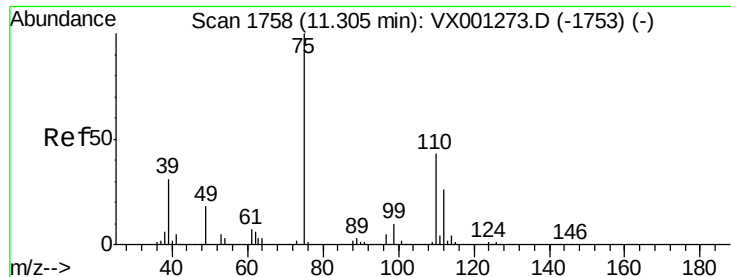
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001318.D
Acq: 02 May 2018 15:46

Tgt Ion:152 Resp: 106406
Ion Ratio Lower Upper
152 100
115 51.9 38.6 115.7
150 156.4 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





#76

1,2,3-Trichloropropane

Concen: 31.06 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

Instrument :

MSVOA_X

ClientSampleId :

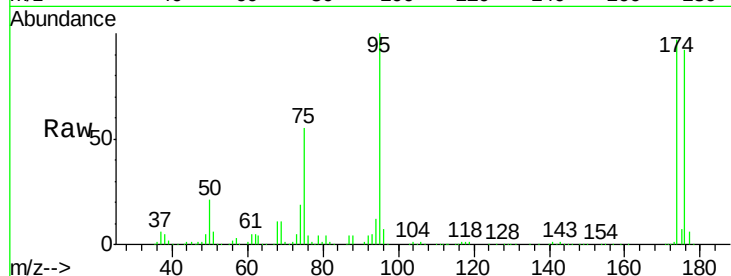
BP-HN-MW271-20180425

Tgt Ion: 75 Resp: 61122

Ion Ratio Lower Upper

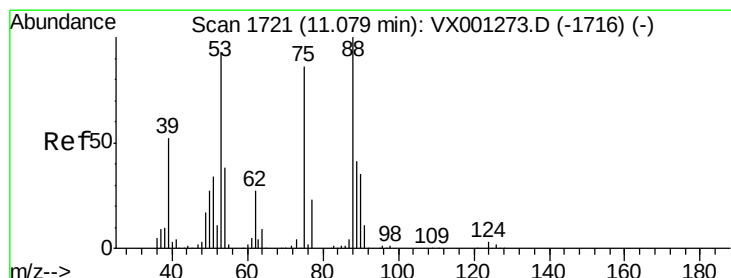
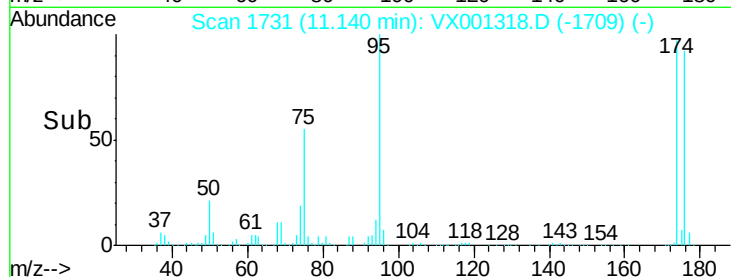
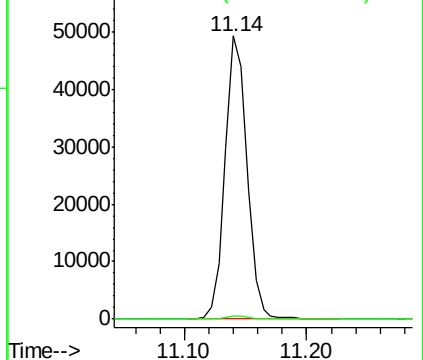
75 100

77 1.2 18.9 56.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 96.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001318.D

Acq: 02 May 2018 15:46

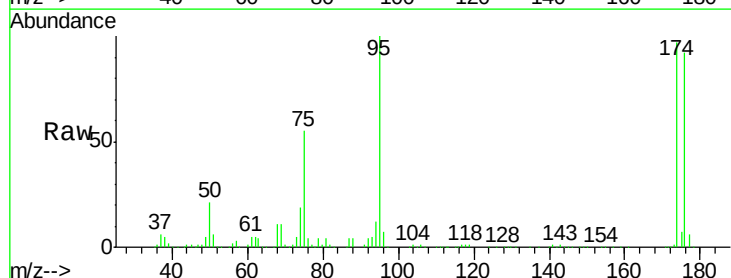
Tgt Ion: 75 Resp: 61122

Ion Ratio Lower Upper

75 100

53 0.0 87.1 130.7#

89 0.0 38.9 58.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

