

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050618\
 Data File : VX001451.D
 Acq On : 06 May 2018 18:24
 Operator : JC/MD
 Sample : J2659-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-HN-MW29IR-20180428

Quant Time: May 07 07:11:07 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	388733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	341554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	190167	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	250777	62.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.38%	
35) Dibromofluoromethane	5.51	113	192839	55.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.54%	
50) Toluene-d8	8.72	98	646555	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.14	95	215565	44.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.98%	

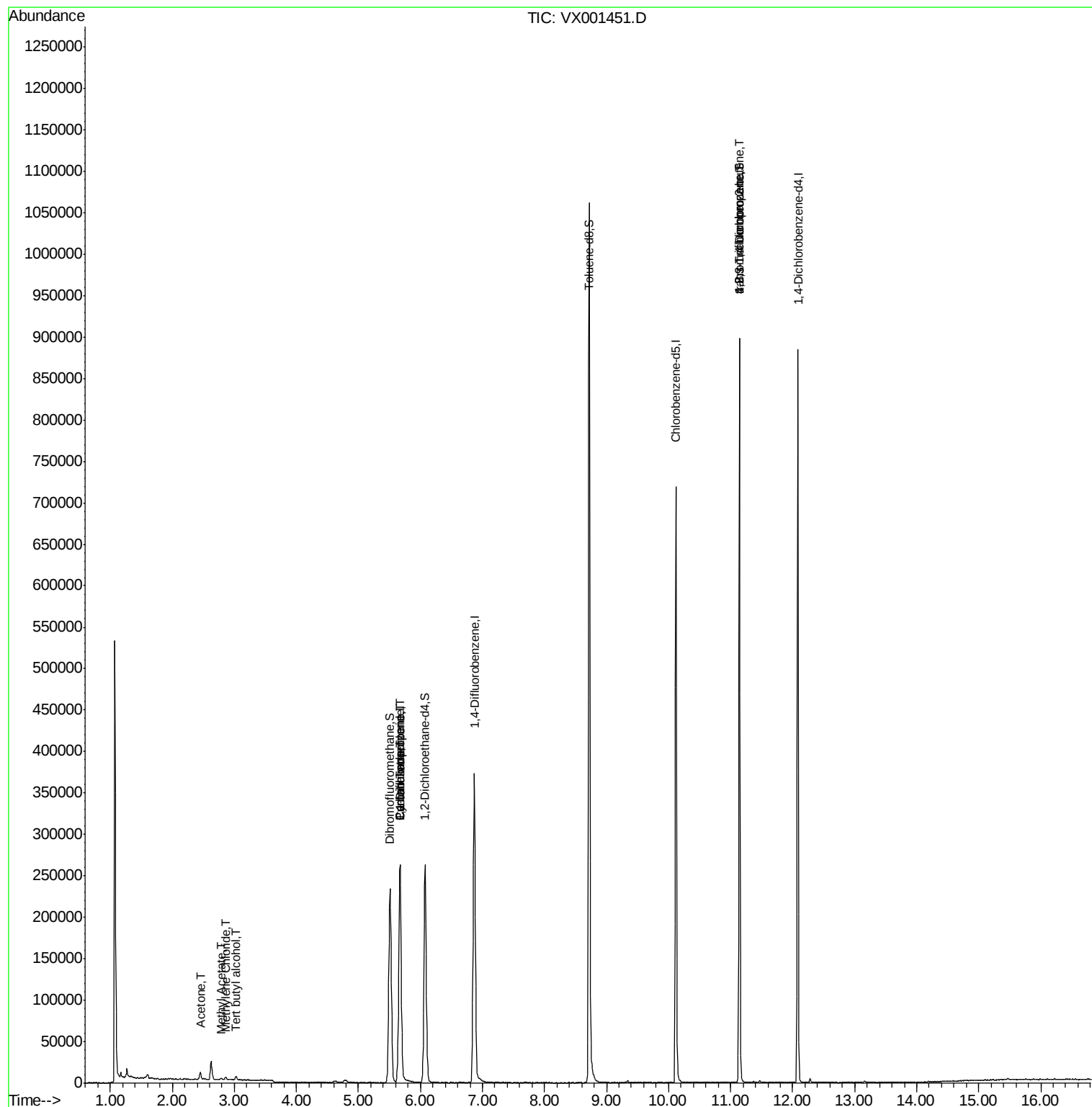
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	876	Below Cal		98
11) Tert butyl alcohol	3.02	59	2038	2.42 ug/l	#	78
13) Acrolein	2.30	56	54	Below Cal	#	3
16) Acetone	2.45	43	9105	5.01 ug/l		91
18) Methyl Acetate	2.78	43	1102	0.23 ug/l	#	81
20) Methylene Chloride	2.86	84	1043	0.29 ug/l	#	84
31) Cyclohexane	5.67	56	4717	0.92 ug/l	#	7
36) 1,1-Dichloropropene	5.67	75	17771	3.59 ug/l	#	50
38) Carbon Tetrachloride	5.67	117	24736	4.69 ug/l	#	16
76) 1,2,3-Trichloropropane	11.14	75	109896	28.49 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	109896	87.35 ug/l	#	7

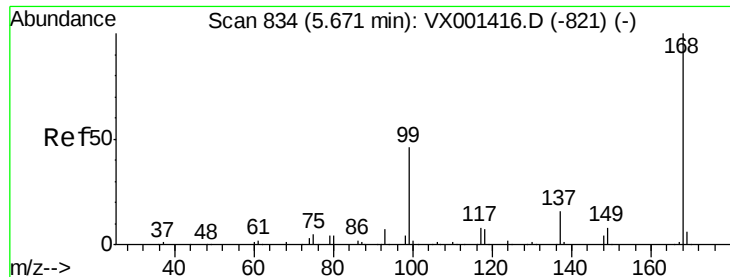
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 07 07:11:07 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 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: VX001451.D

Acq: 06 May 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

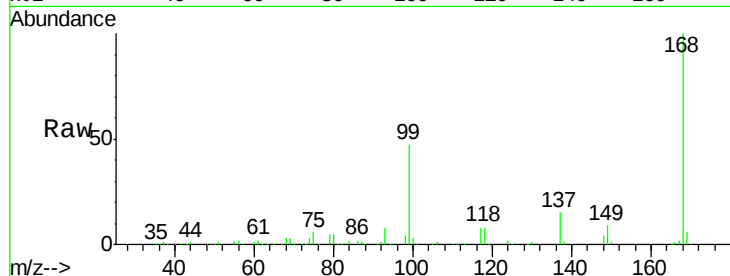
BP-HN-MW29IR-20180428

Tgt Ion:168 Resp: 278293

Ion Ratio Lower Upper

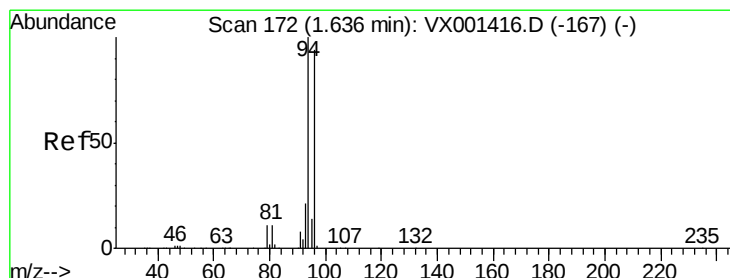
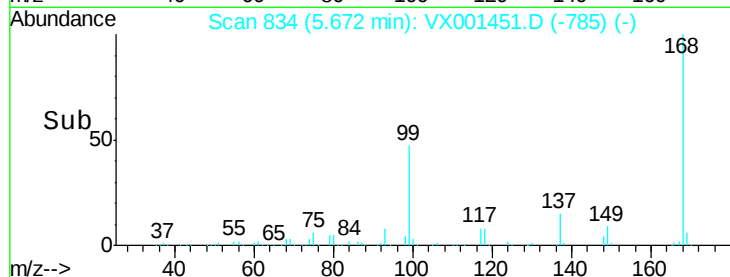
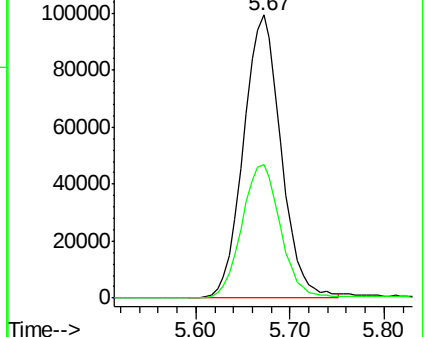
168 100

99 47.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001451.D

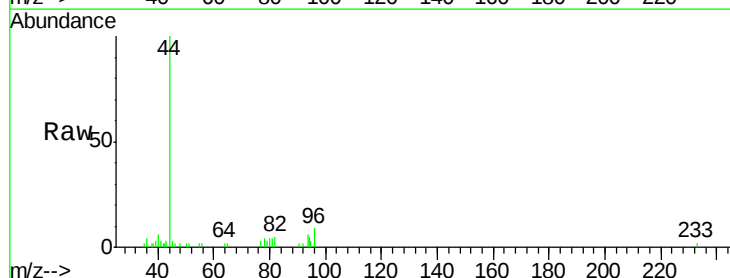
Acq: 06 May 2018 18:24

Tgt Ion: 94 Resp: 876

Ion Ratio Lower Upper

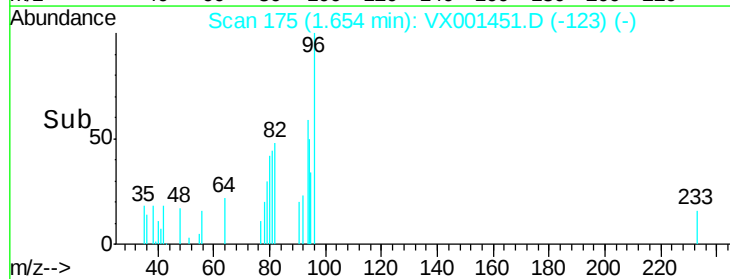
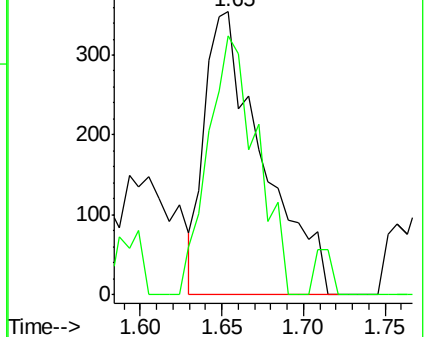
94 100

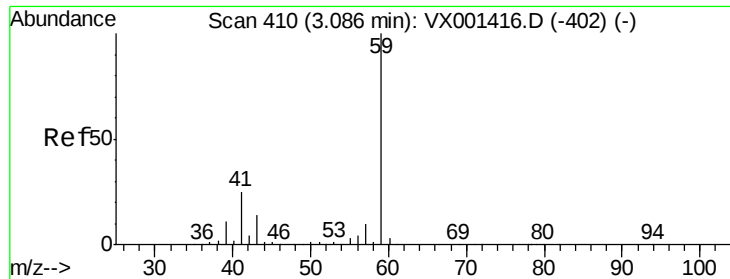
96 91.5 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

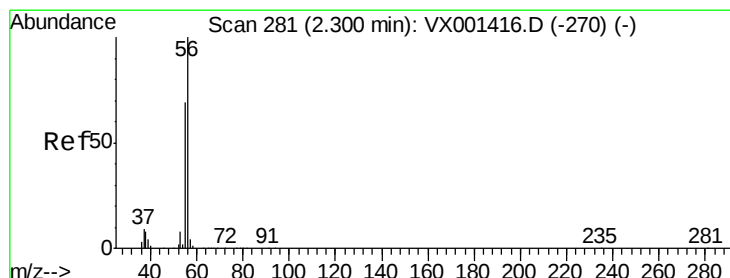
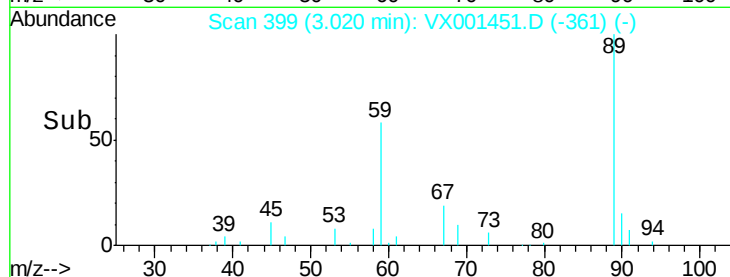
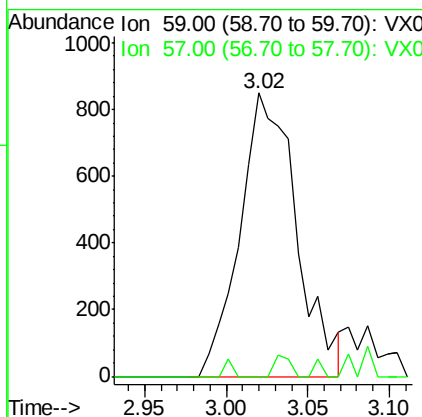
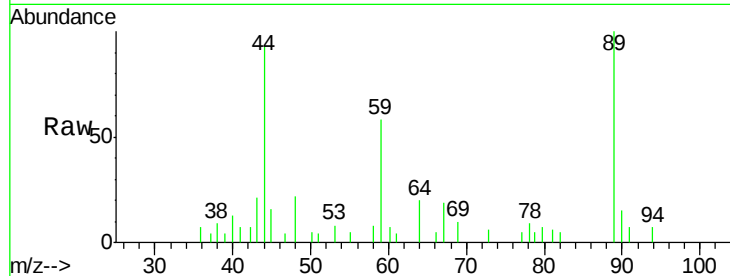




#11
Tert butyl alcohol
Concen: 2.42 ug/l
RT: 3.02 min Scan# 399
Delta R.T. -0.07 min
Lab File: VX001451.D
Acq: 06 May 2018 18:24

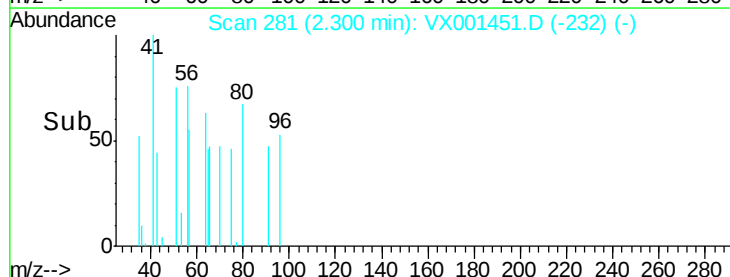
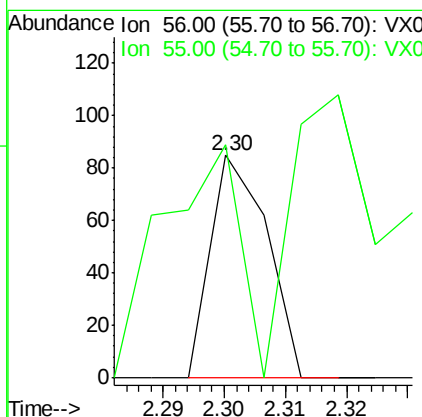
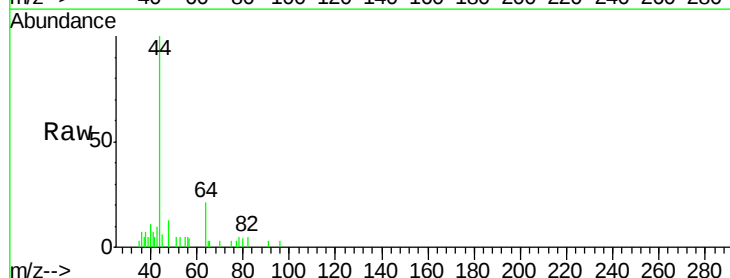
Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW29IR-20180428

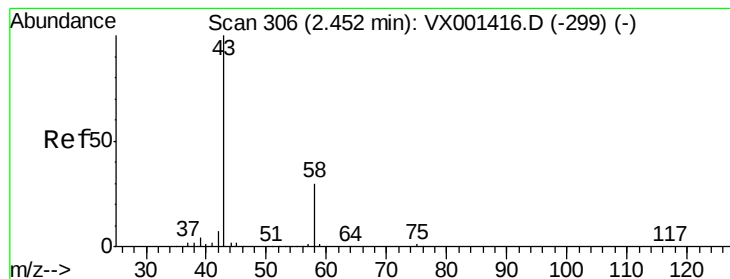
Tgt Ion: 59 Resp: 2038
Ion Ratio Lower Upper
59 100
57 2.1 8.2 12.4#



#13
Acrolein
Concen: Below Cal
RT: 2.30 min Scan# 281
Delta R.T. 0.00 min
Lab File: VX001451.D
Acq: 06 May 2018 18:24

Tgt Ion: 56 Resp: 54
Ion Ratio Lower Upper
56 100
55 146.3 54.5 81.7#





#16

Acetone

Concen: 5.01 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001451.D

Acq: 06 May 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

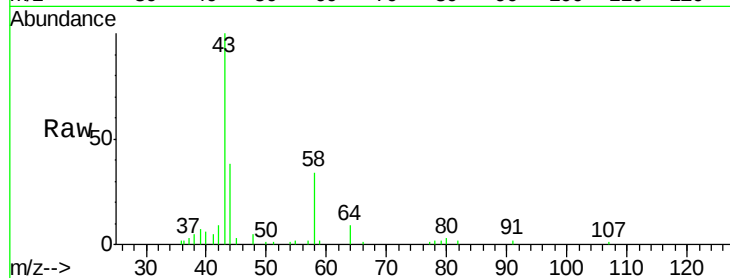
BP-HN-MW29IR-20180428

Tgt Ion: 43 Resp: 9105

Ion Ratio Lower Upper

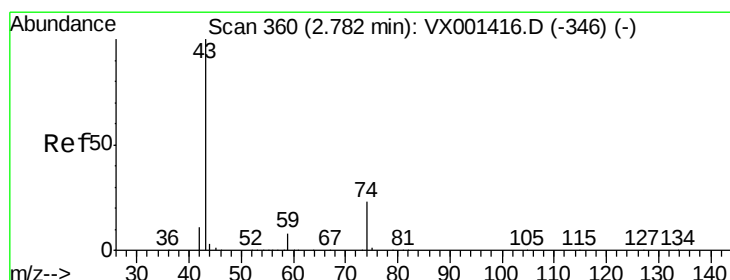
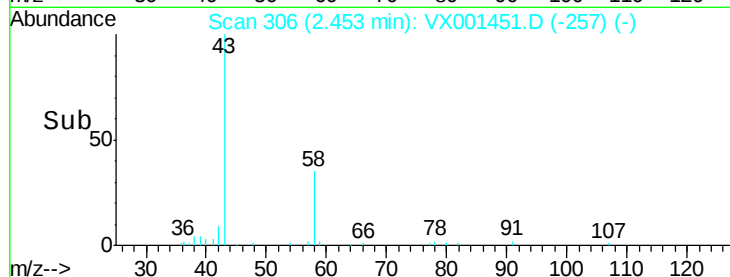
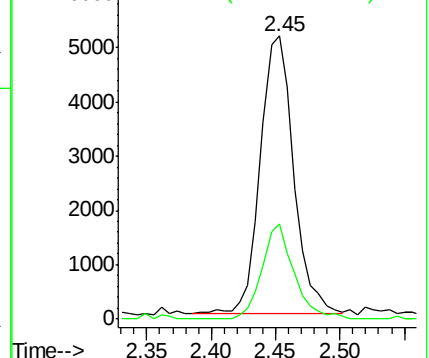
43 100

58 34.6 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.23 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.01 min

Lab File: VX001451.D

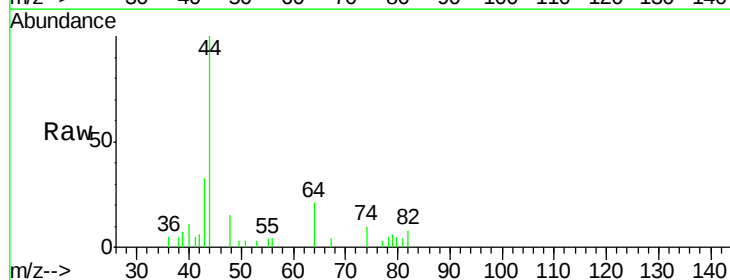
Acq: 06 May 2018 18:24

Tgt Ion: 43 Resp: 1102

Ion Ratio Lower Upper

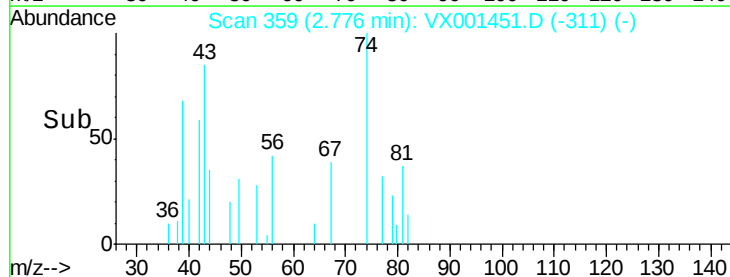
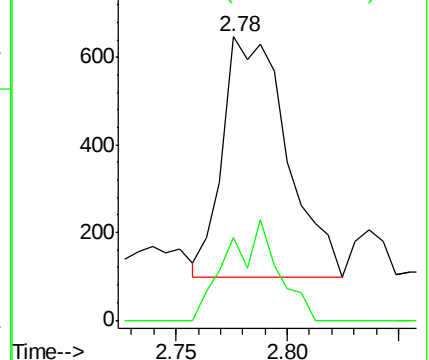
43 100

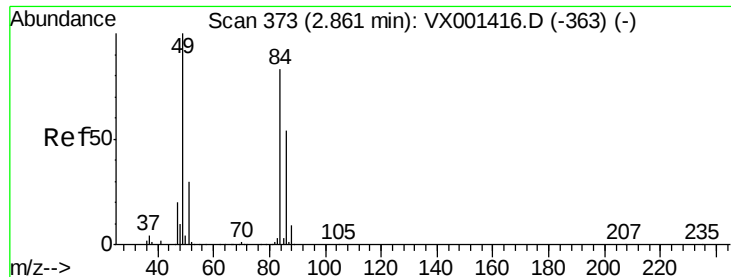
74 32.3 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

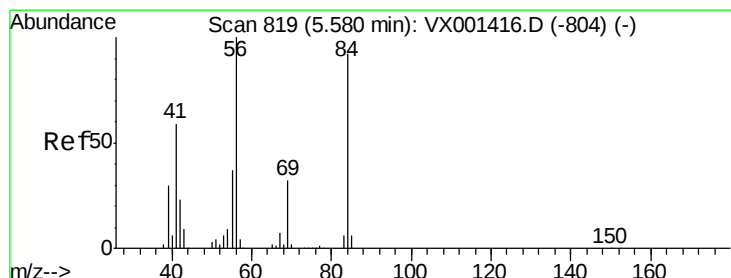
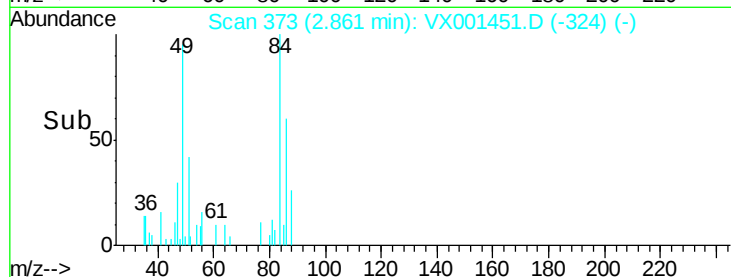
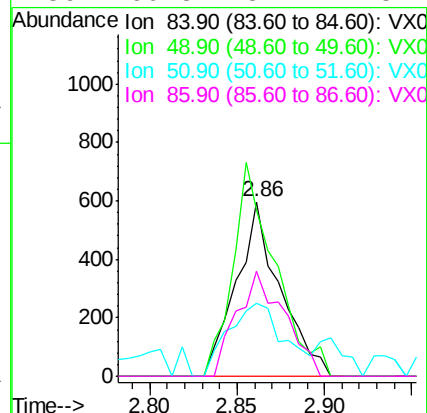
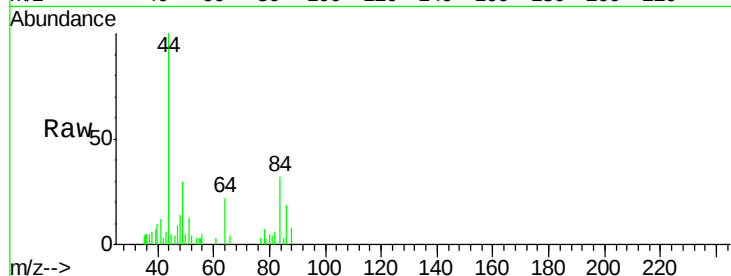




#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001451.D
Acq: 06 May 2018 18:24

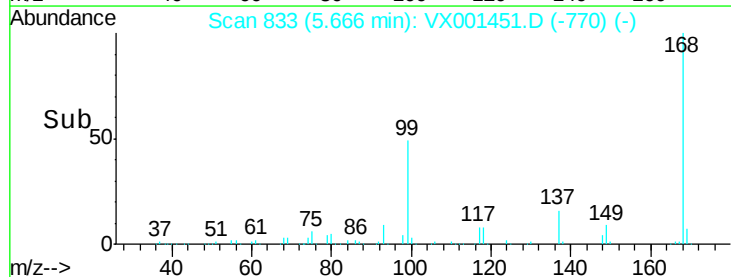
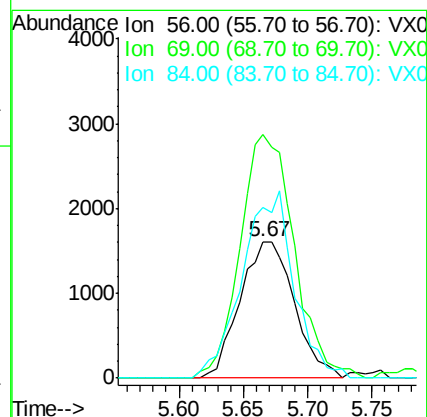
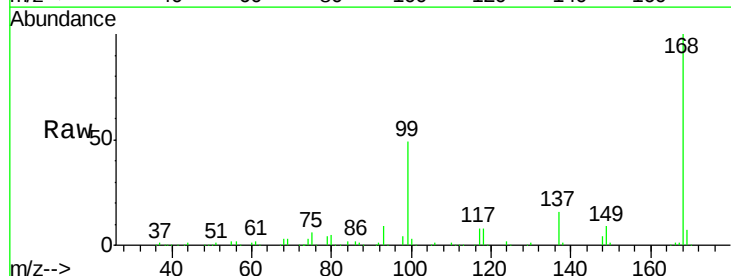
Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW29IR-20180428

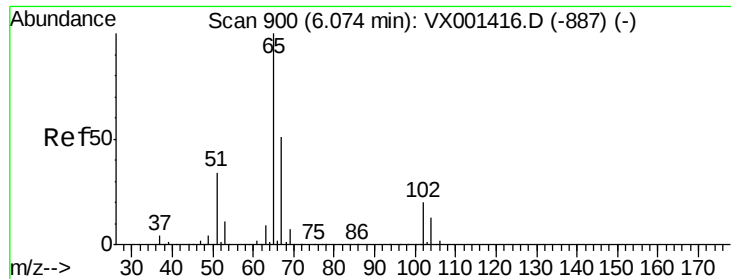
Tgt Ion: 84 Resp: 1043
Ion Ratio Lower Upper
84 100
49 95.3 96.6 144.8#
51 41.7 29.0 43.4
86 60.3 52.2 78.4



#31
Cyclohexane
Concen: 0.92 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.09 min
Lab File: VX001451.D
Acq: 06 May 2018 18:24

Tgt Ion: 56 Resp: 4717
Ion Ratio Lower Upper
56 100
69 178.8 25.4 38.0#
84 125.0 73.8 110.8#





#33

1,2-Dichloroethane-d4

Concen: 62.69 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001451.D

Acq: 06 May 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

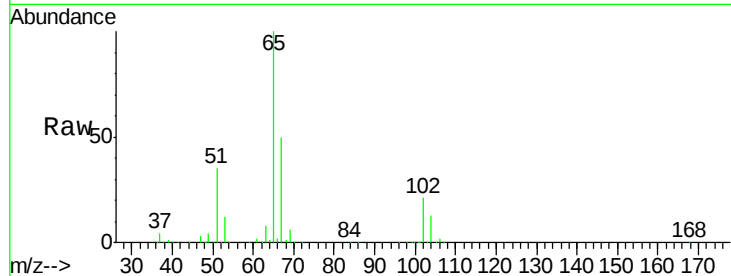
BP-HN-MW29IR-20180428

Tgt Ion: 65 Resp: 250777

Ion Ratio Lower Upper

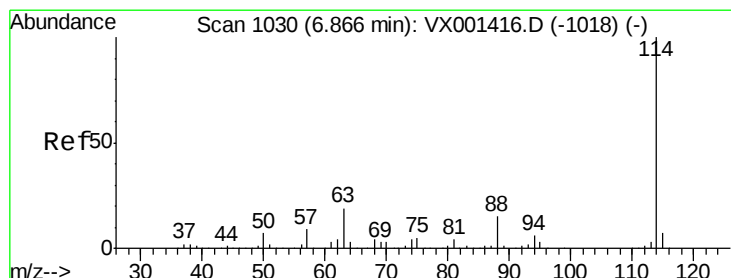
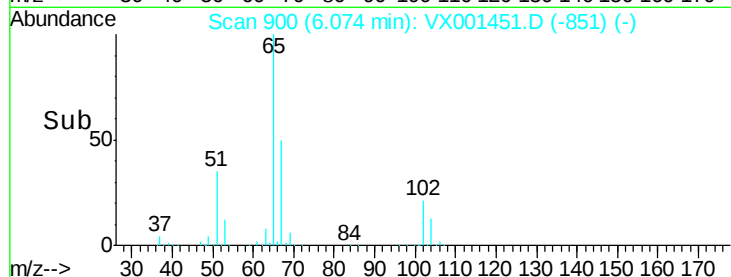
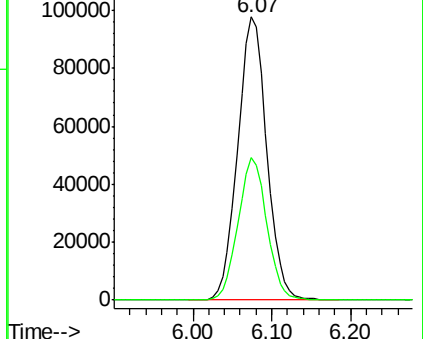
65 100

67 49.9 0.0 101.8



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# 1030

Delta R.T. 0.00 min

Lab File: VX001451.D

Acq: 06 May 2018 18:24

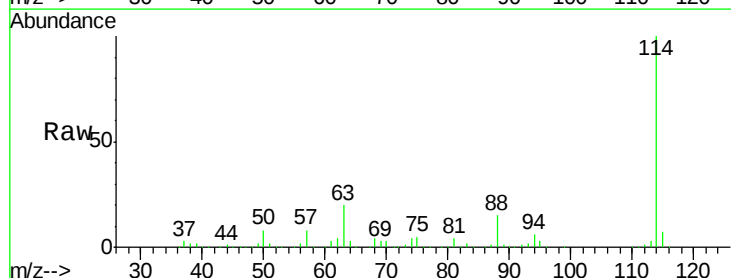
Tgt Ion: 114 Resp: 388733

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.6

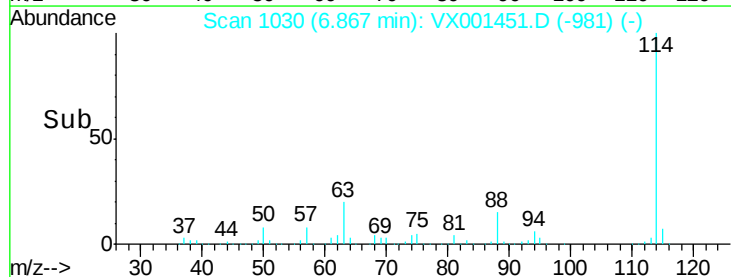
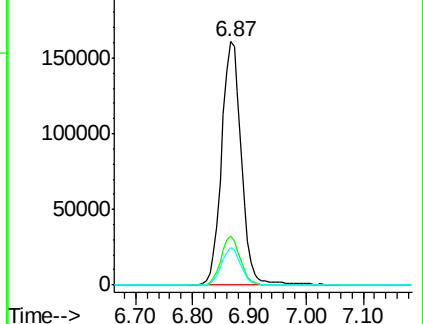
88 15.2 0.0 30.8

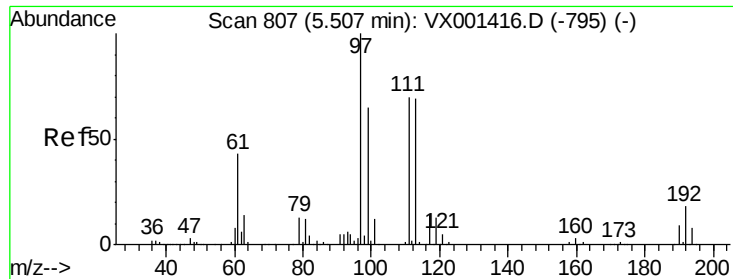


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

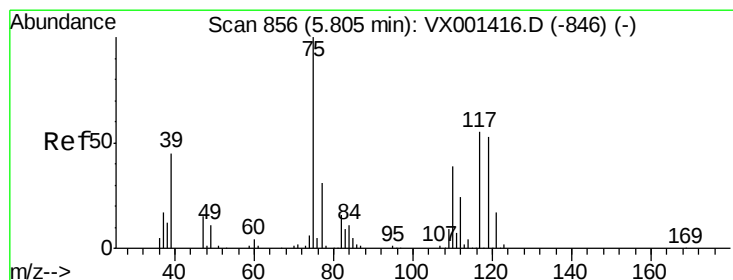
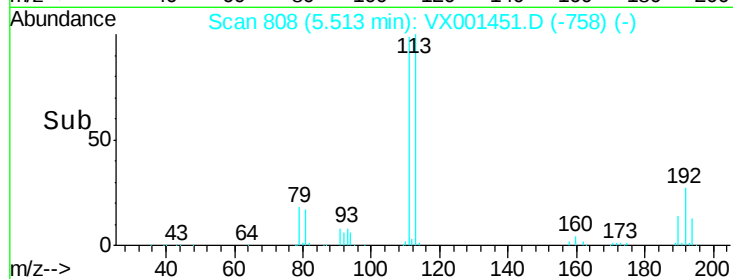
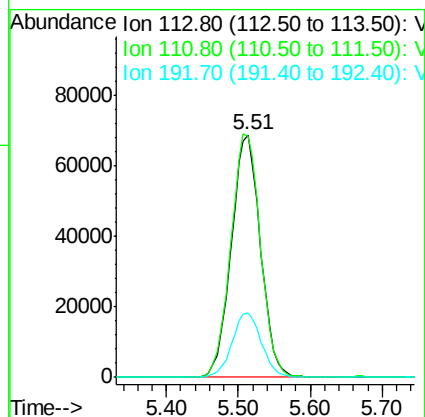
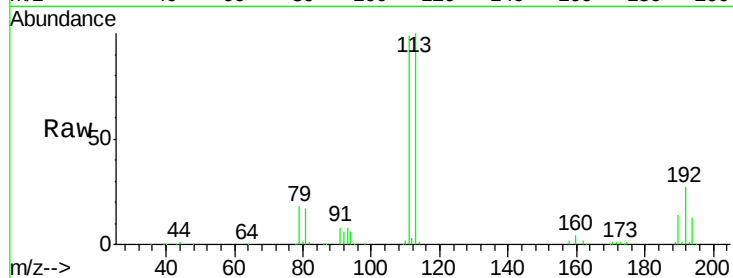




#35
 Dibromofluoromethane
 Concen: 55.77 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001451.D
 Acq: 06 May 2018 18:24

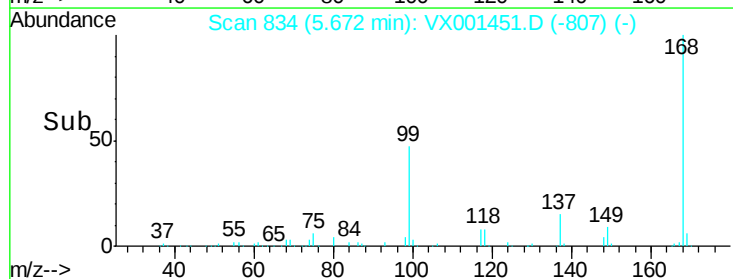
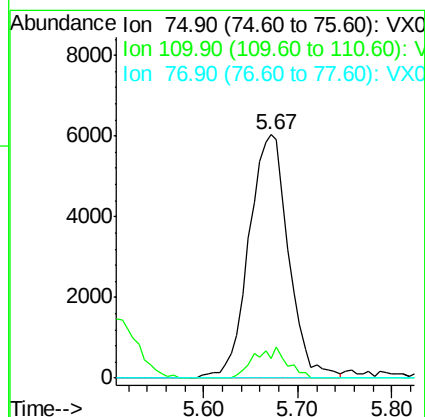
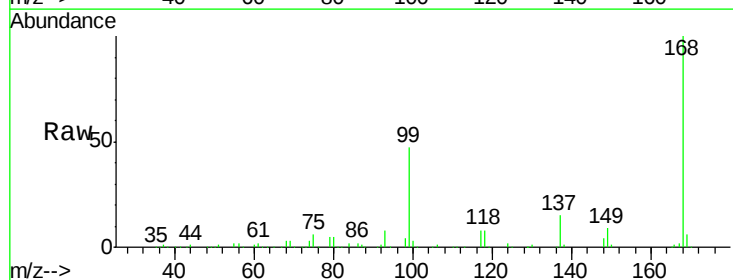
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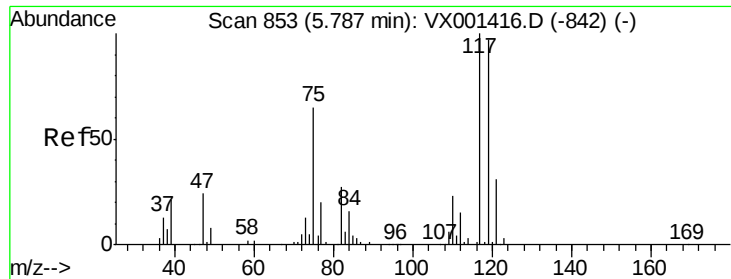
Tgt Ion:113 Resp: 192839
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 26.7 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.59 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001451.D
 Acq: 06 May 2018 18:24

Tgt Ion: 75 Resp: 17771
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.9 56.7#
 77 0.0 24.9 37.3#





#38

Carbon Tetrachloride

Concen: 4.69 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001451.D

Acq: 06 May 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW29IR-20180428

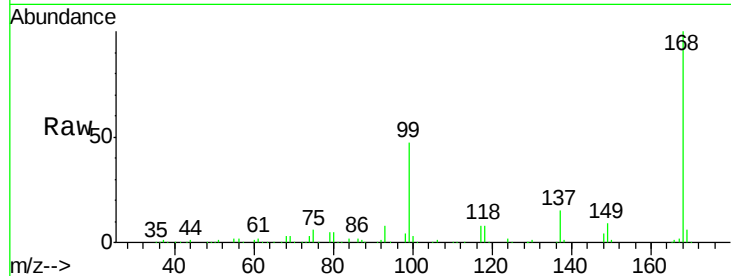
Tgt Ion:117 Resp: 24736

Ion Ratio Lower Upper

117 100

119 5.4 77.0 115.6#

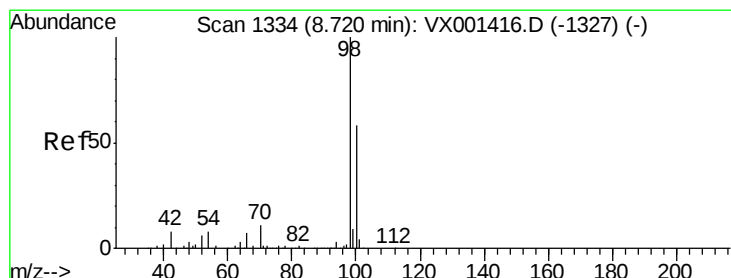
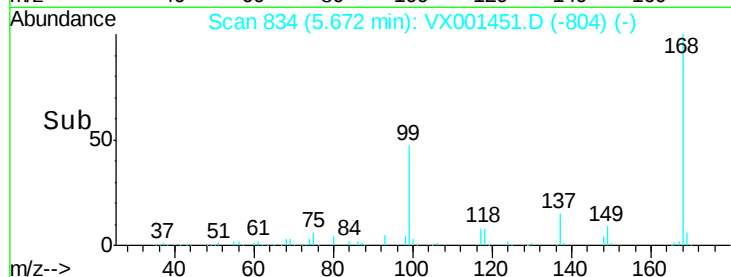
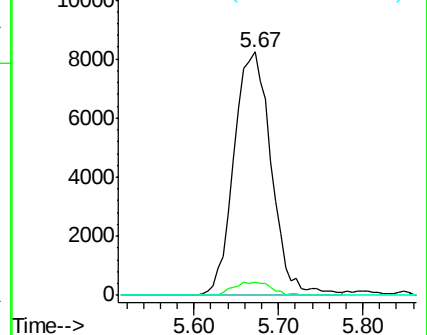
121 0.0 25.1 37.7#



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



#50

Toluene-d8

Concen: 51.23 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001451.D

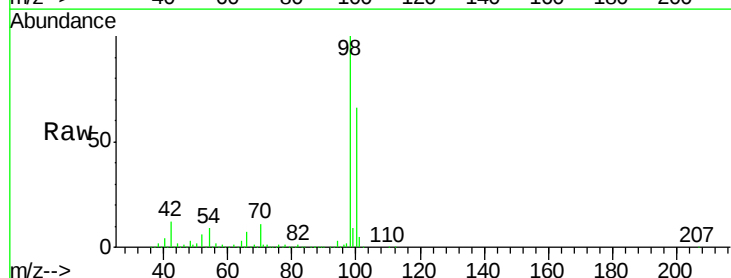
Acq: 06 May 2018 18:24

Tgt Ion: 98 Resp: 646555

Ion Ratio Lower Upper

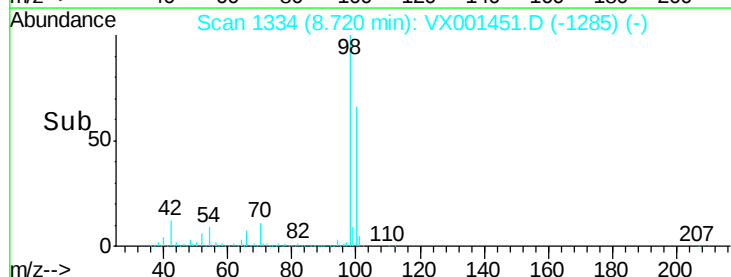
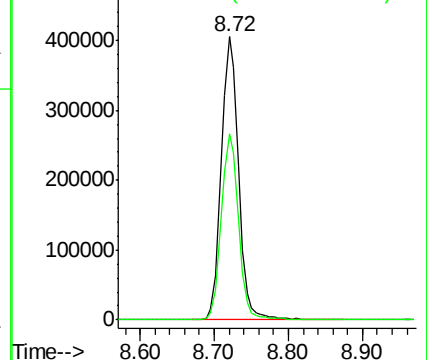
98 100

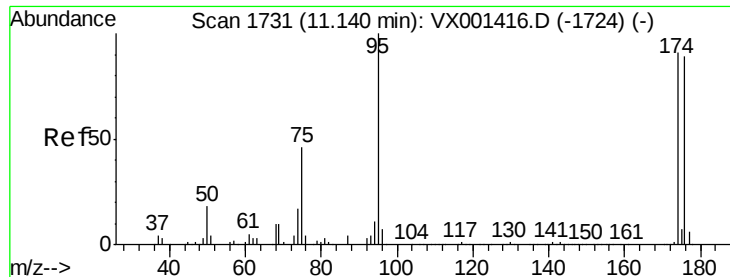
100 65.7 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

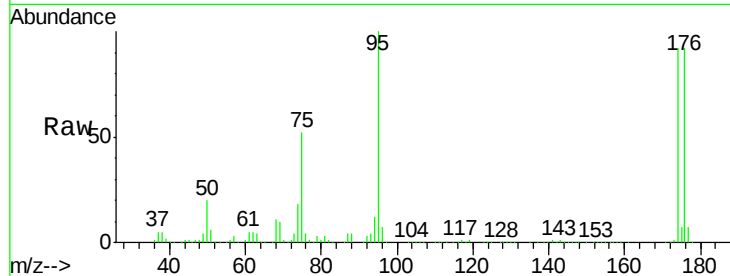




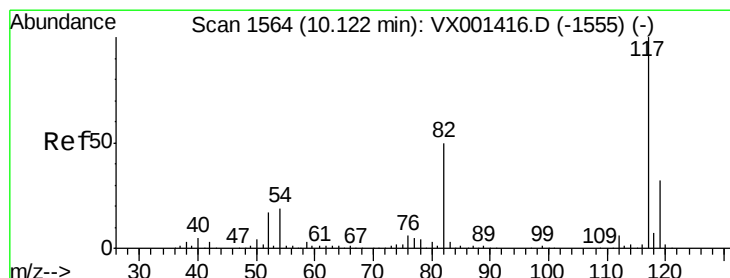
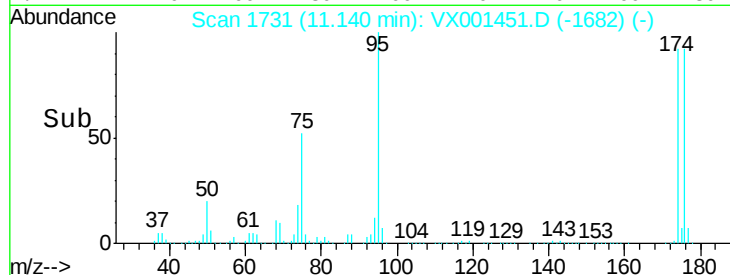
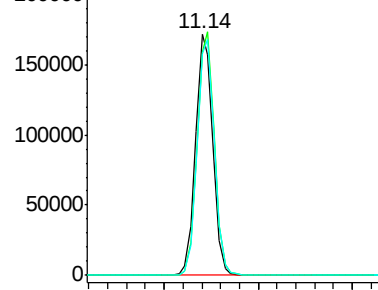
#62
4-Bromofluorobenzene
Concen: 44.49 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001451.D
Acq: 06 May 2018 18:24

Instrument :
MSVOA_X
ClientSampleId :
BP-HN-MW29IR-20180428

Tgt Ion: 95 Resp: 215565
Ion Ratio Lower Upper
95 100
174 100.5 0.0 202.0
176 98.2 0.0 197.4

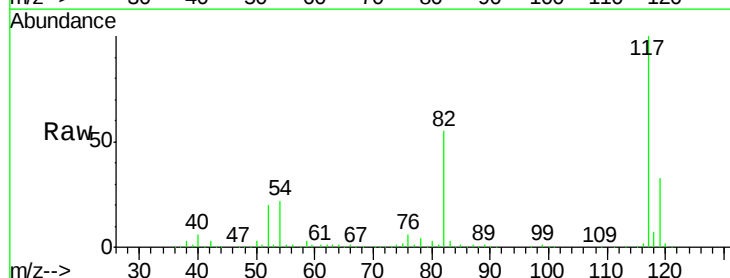


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

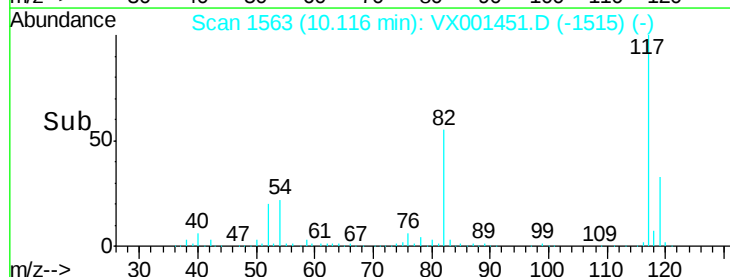
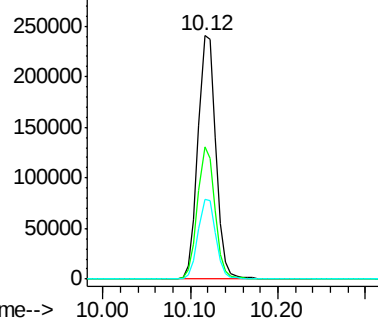


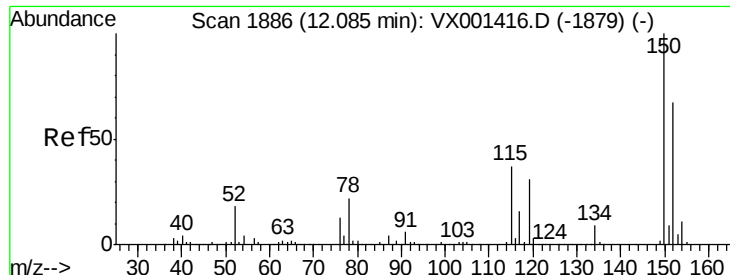
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001451.D
Acq: 06 May 2018 18:24

Tgt Ion: 117 Resp: 341554
Ion Ratio Lower Upper
117 100
82 54.6 40.0 60.0
119 32.5 25.8 38.8



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. 0.00 min

Lab File: VX001451.D

Acq: 06 May 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW29IR-20180428

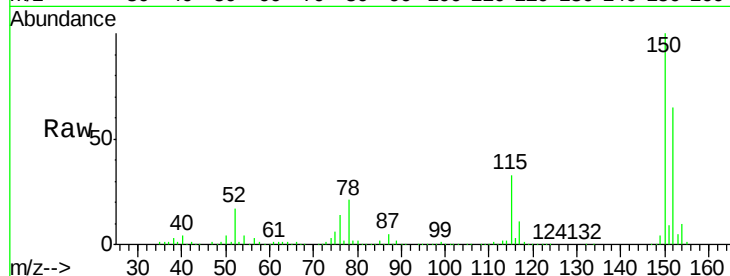
Tgt Ion:152 Resp: 190167

Ion Ratio Lower Upper

152 100

115 52.2 37.7 113.1

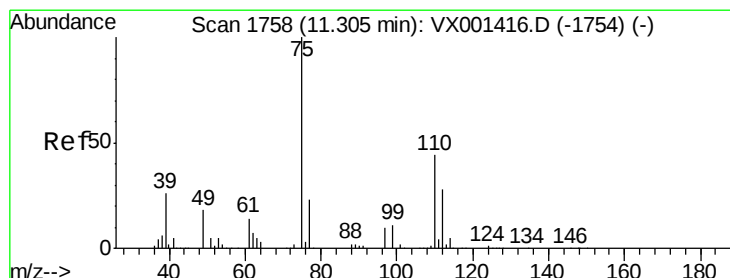
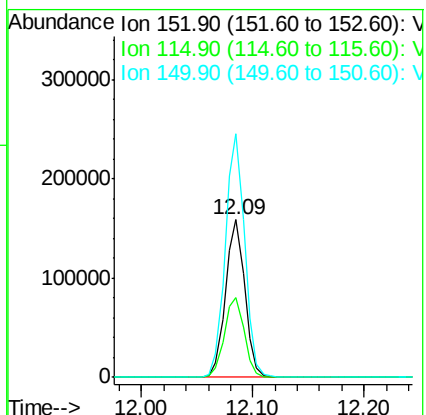
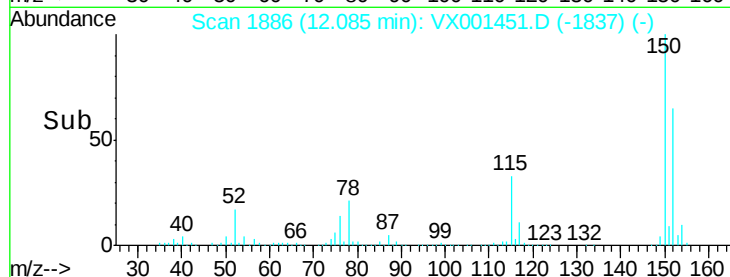
150 154.6 0.0 349.4



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: 28.49 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001451.D

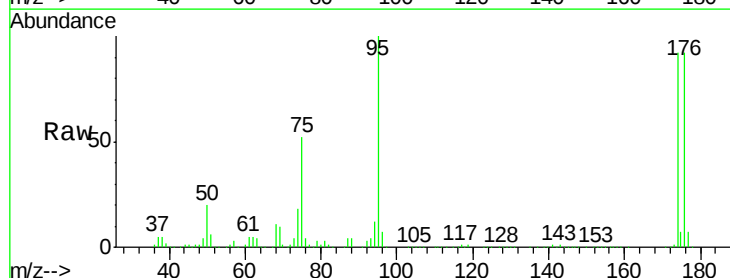
Acq: 06 May 2018 18:24

Tgt Ion: 75 Resp: 109896

Ion Ratio Lower Upper

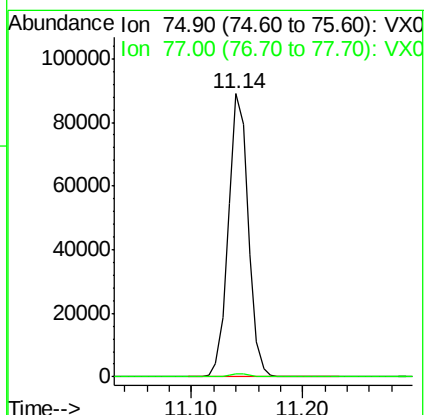
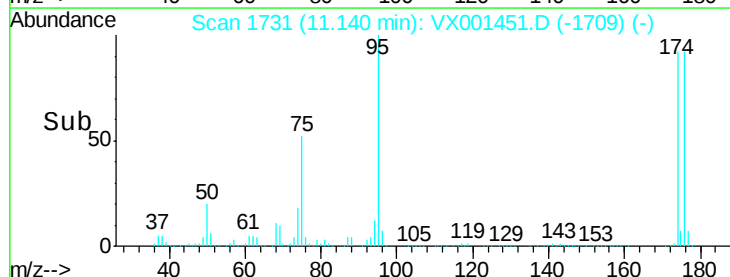
75 100

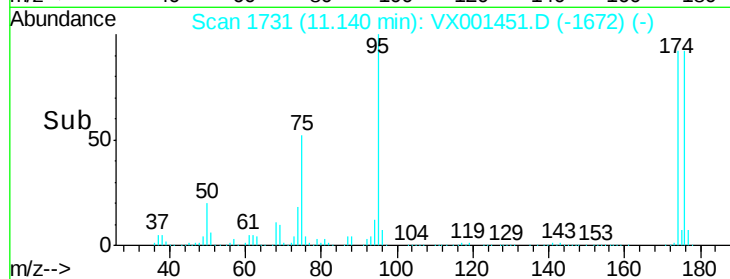
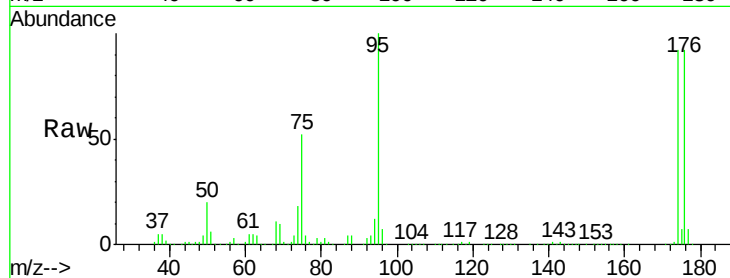
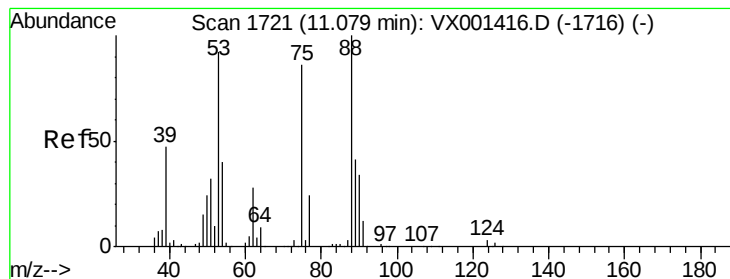
77 1.3 19.6 58.7#



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: 87.35 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001451.D

Acq: 06 May 2018 18:24

Instrument :

MSVOA_X

ClientSampleId :

BP-HN-MW29IR-20180428

Tgt Ion: 75 Resp: 109896

Ion Ratio Lower Upper

75 100

53 0.1 84.5 126.7#

89 0.0 39.5 59.3#

