

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061100.D
 Acq On : 20 Apr 2020 14:44
 Operator : JC/MD
 Sample : L2338-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-FB01-20200414RE

Quant Time: Apr 21 03:59:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	144534	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	245722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	230066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	98279	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	99220	53.66	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.32%	
35) Dibromofluoromethane	7.56	113	74300	51.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.56%	
50) Toluene-d8	10.08	98	305391	56.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	112.64%	
62) 4-Bromofluorobenzene	12.39	95	109675	51.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.22%	

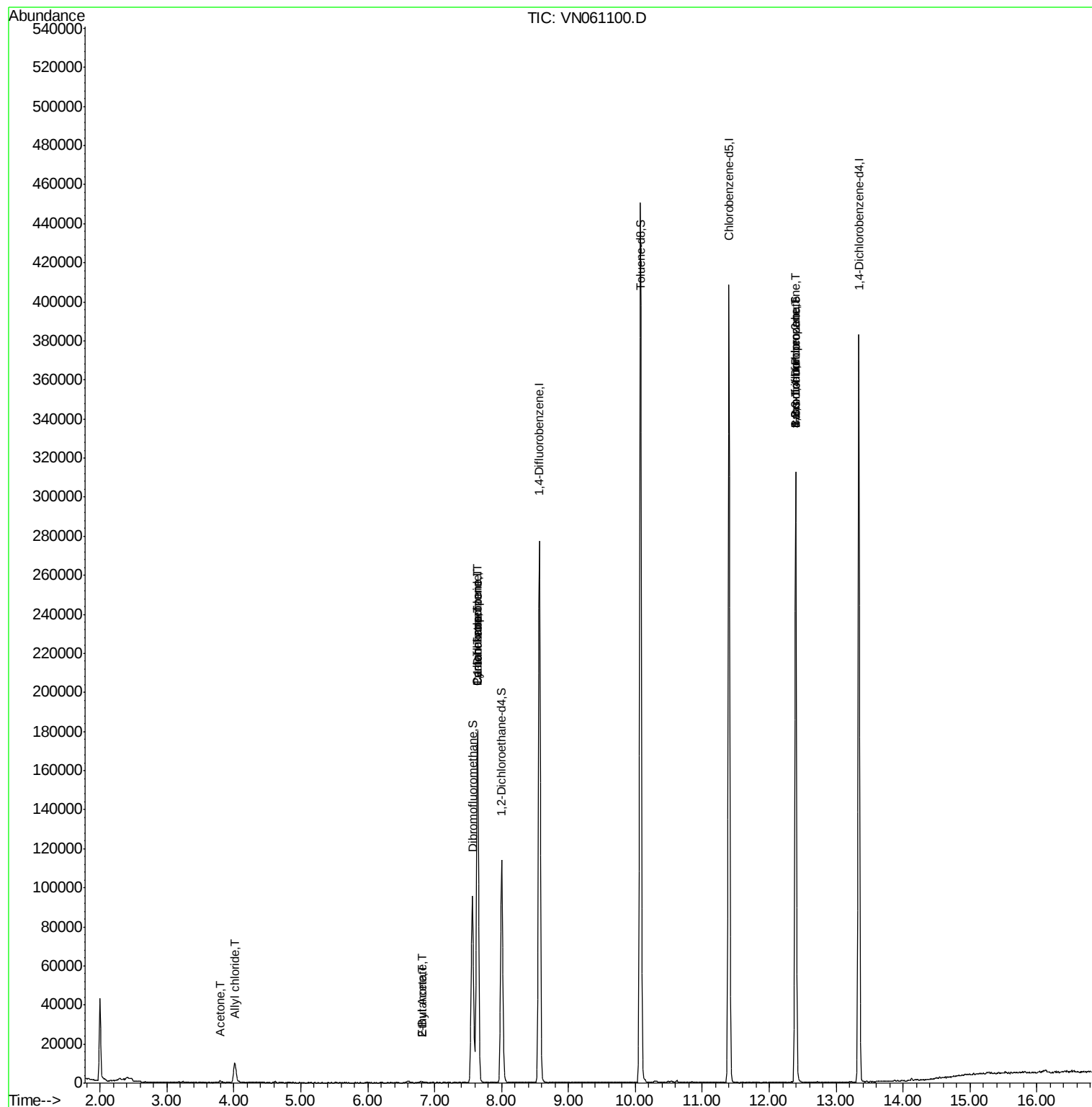
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.02	41	1242	0.415	ug/l #	23
16) Acetone	3.80	43	1809	2.223	ug/l #	86
25) 2-Butanone	6.81	43	1254	1.005	ug/l #	51
31) Cyclohexane	7.64	56	3302	0.959	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	11922	4.702	ug/l #	48
37) Ethyl Acetate	6.81	43	1254	0.455	ug/l #	69
38) Carbon Tetrachloride	7.64	117	14238	6.746	ug/l #	15
71) Bromoform	12.39	173	406	0.320	ug/l #	28
76) 1,2,3-Trichloropropane	12.39	75	56691	26.225	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.39	75	56691	64.685	ug/l #	12

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

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Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

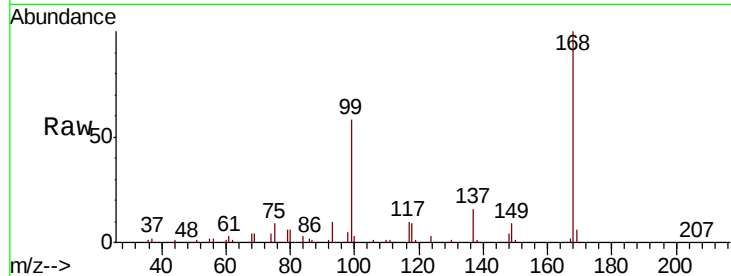
BP-FB01-20200414RE

Tot Ion:168 Resp: 144534

Ion Ratio Lower Upper

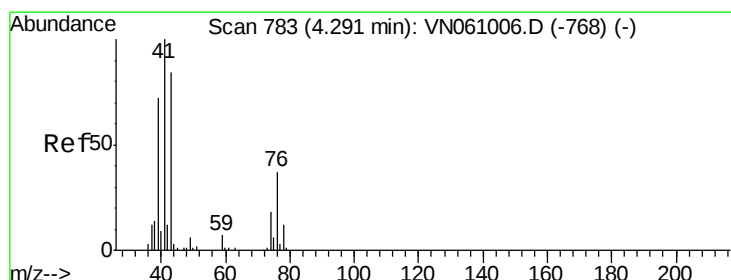
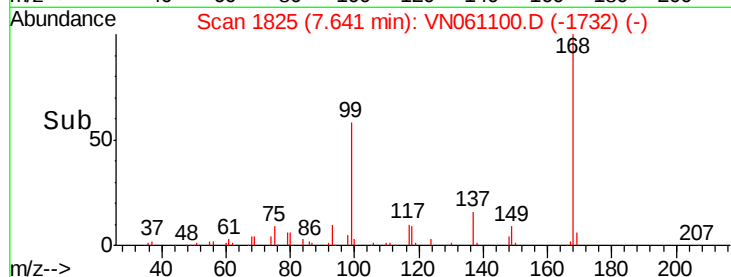
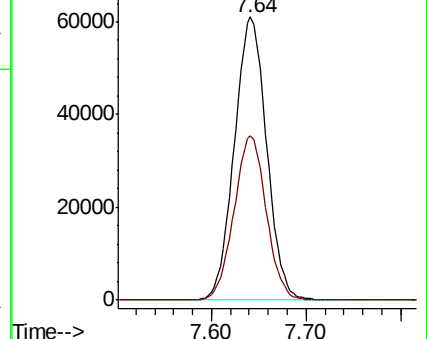
168 100

99 58.0 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#14

Allyl chloride

Concen: 0.415 ug/l

RT: 4.02 min Scan# 698

Delta R.T. -0.27 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

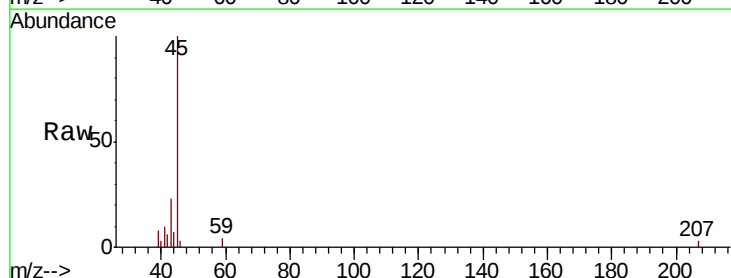
Tgt Ion: 41 Resp: 1242

Ion Ratio Lower Upper

41 100

39 0.0 56.3 84.5#

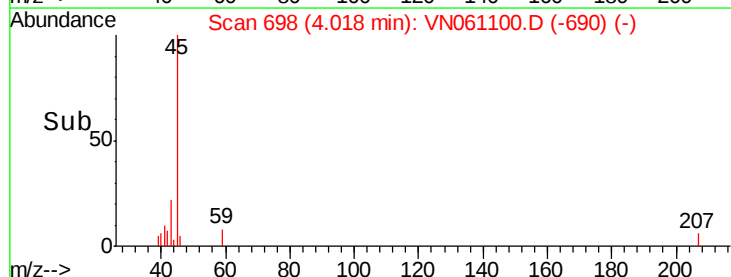
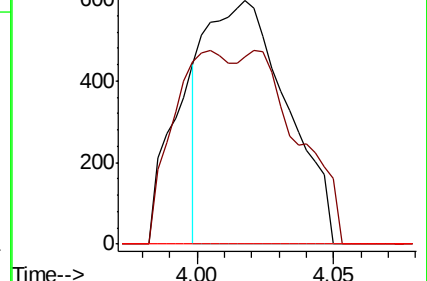
76 0.0 27.7 41.5#

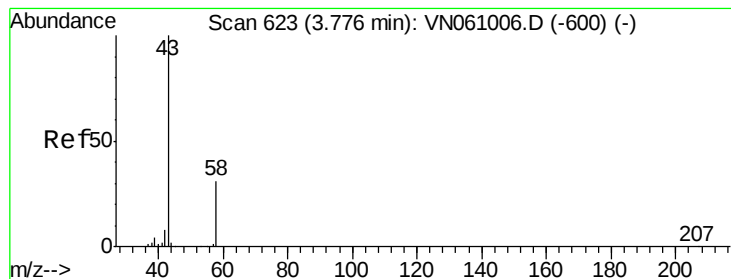


Abundance Ion 41.00 (40.70 to 41.70): VN

Ion 39.00 (38.70 to 39.70): VN

Ion 75.90 (75.60 to 76.60): VN





#16

Acetone

Concen: 2.223 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

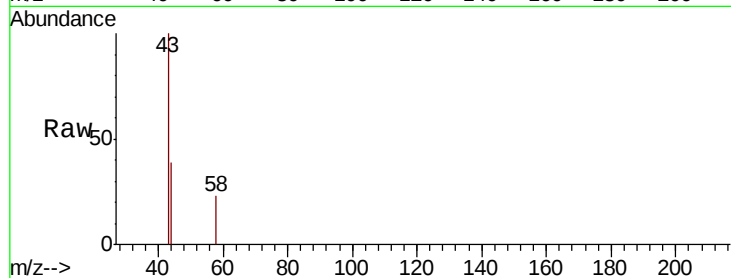
BP-FB01-20200414RE

Tot Ion: 43 Resp: 1809

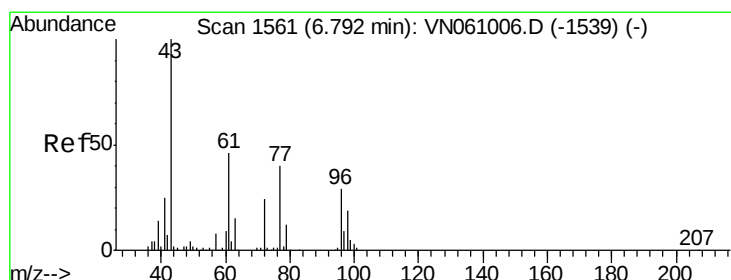
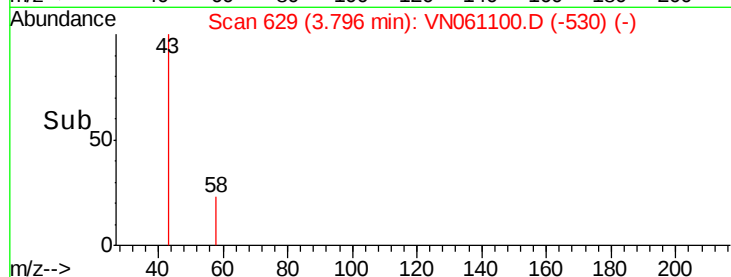
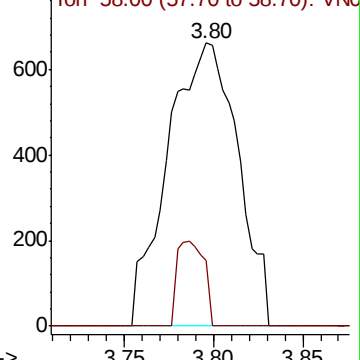
Ion Ratio Lower Upper

43 100

58 23.1 24.6 37.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061100.D (-600) (-)



#25

2-Butanone

Concen: 1.005 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. 0.02 min

Lab File: VN061100.D

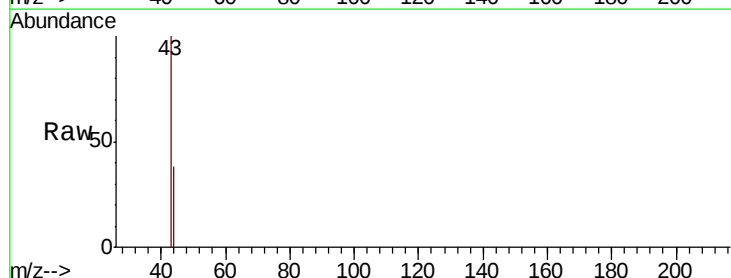
Acq: 20 Apr 2020 14:44

Tgt Ion: 43 Resp: 1254

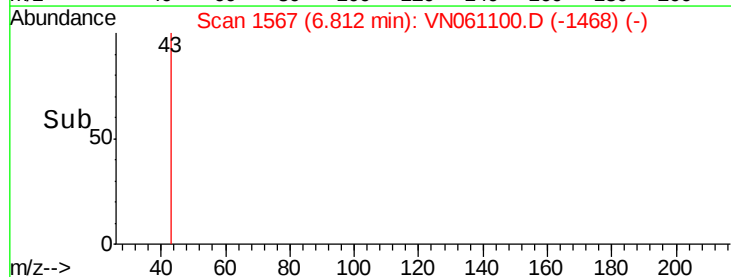
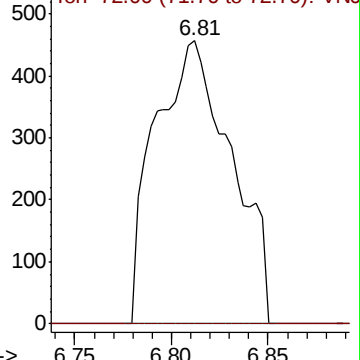
Ion Ratio Lower Upper

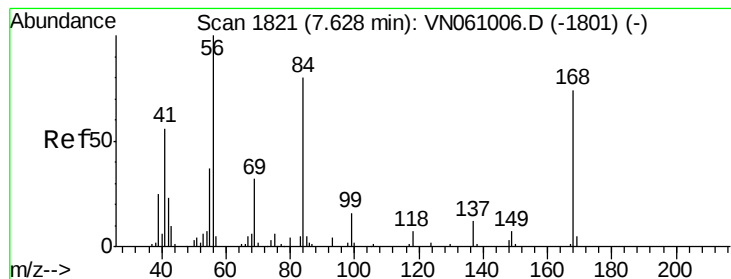
43 100

72 0.0 19.6 29.4#



Abundance Ion 43.00 (42.70 to 43.70): VN061100.D (-1539) (-)





#31

Cyclohexane

Concen: 0.959 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

BP-FB01-20200414RE

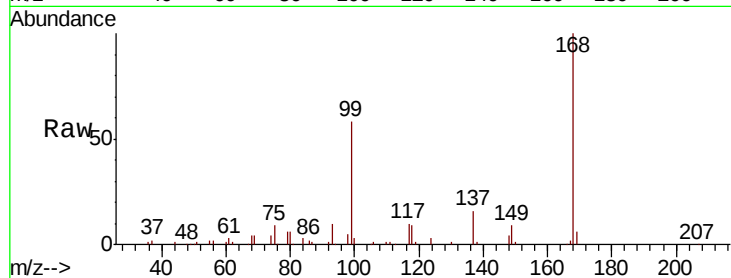
Tot Ion: 56 Resp: 3302

Ion Ratio Lower Upper

56 100

69 166.2 25.6 38.4#

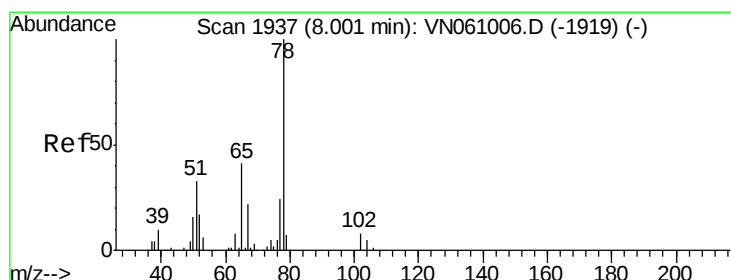
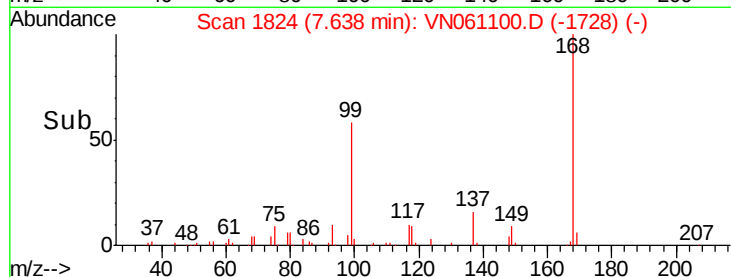
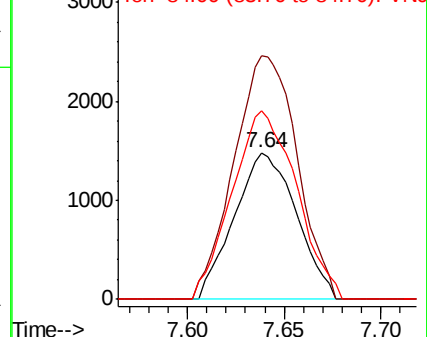
84 128.8 63.4 95.2#



Abundance Ion 56.00 (55.70 to 56.70): VN061100.D (-1801) (-)

Ion 69.00 (68.70 to 69.70): VN061100.D (-1801) (-)

Ion 84.00 (83.70 to 84.70): VN061100.D (-1801) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.655 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061100.D

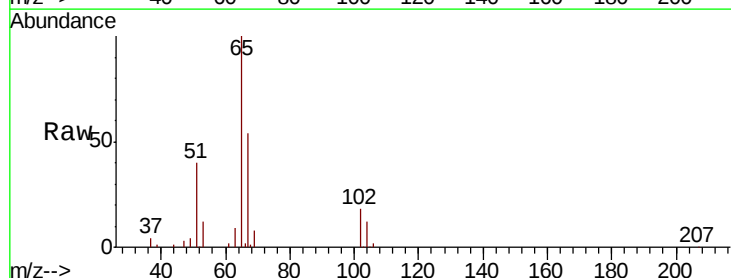
Acq: 20 Apr 2020 14:44

Tgt Ion: 65 Resp: 99220

Ion Ratio Lower Upper

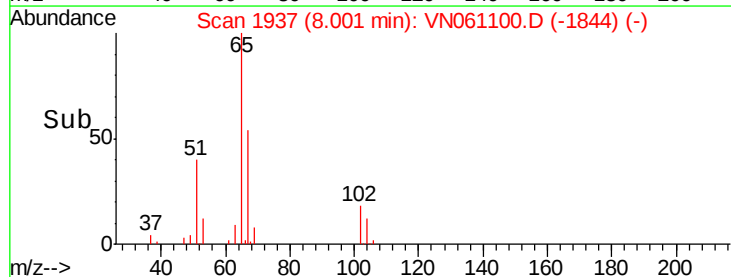
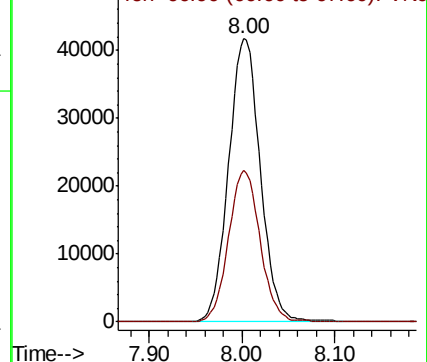
65 100

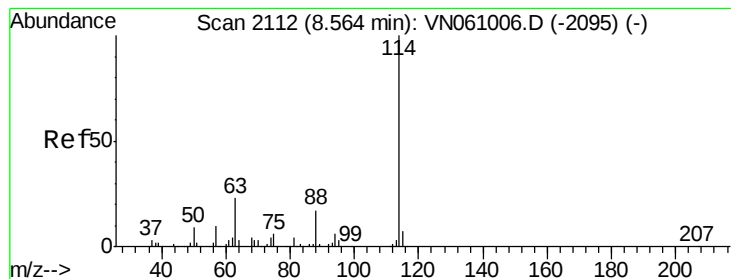
67 53.0 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VN061100.D (-1844) (-)

Ion 66.90 (66.60 to 67.60): VN061100.D (-1844) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

BP-FB01-20200414RE

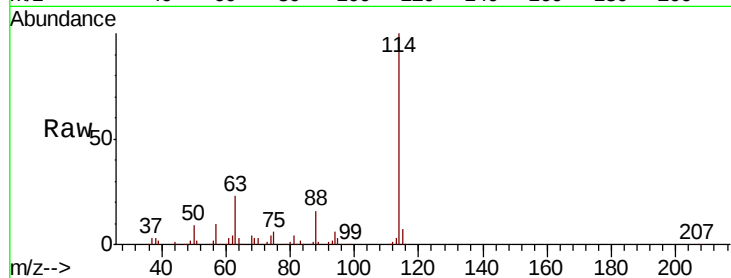
Tot Ion:114 Resp: 245722

Ion Ratio Lower Upper

114 100

63 23.1 0.0 46.2

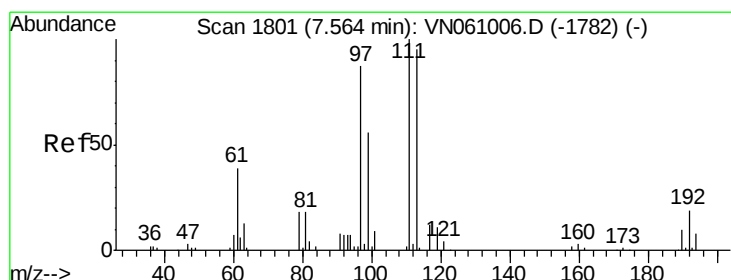
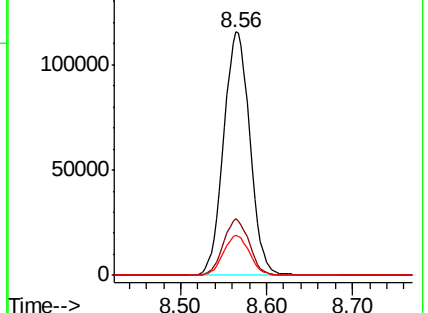
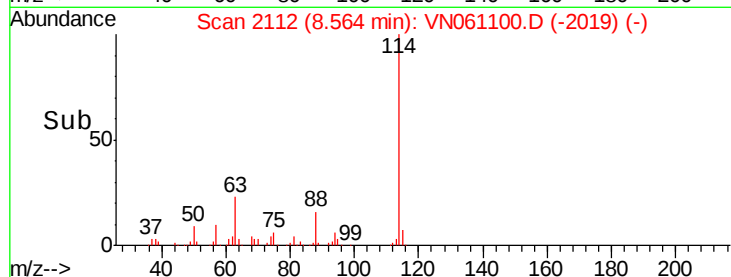
88 16.3 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.778 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

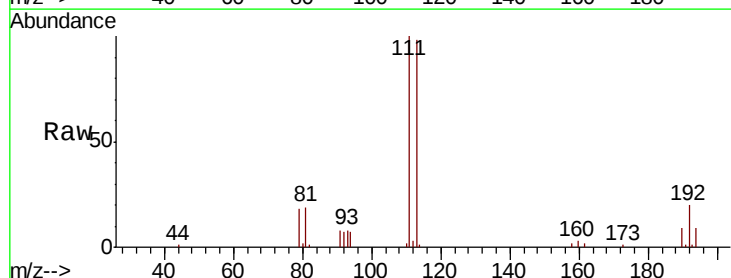
Tgt Ion:113 Resp: 74300

Ion Ratio Lower Upper

113 100

111 103.7 83.4 125.2

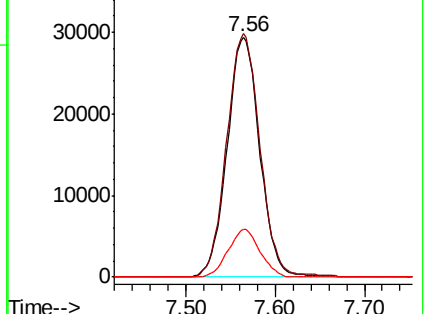
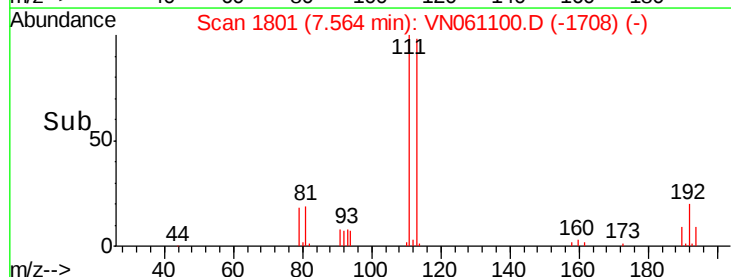
192 19.3 15.5 23.3

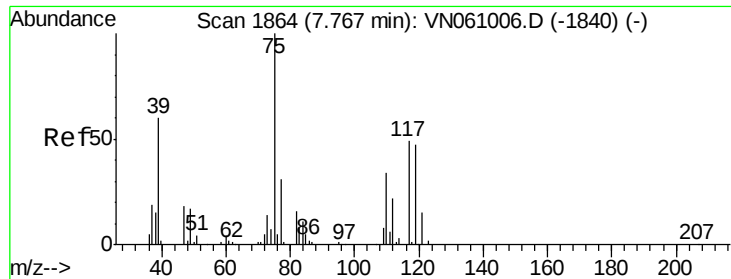


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

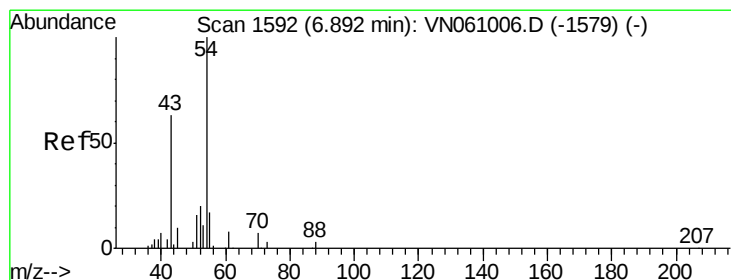
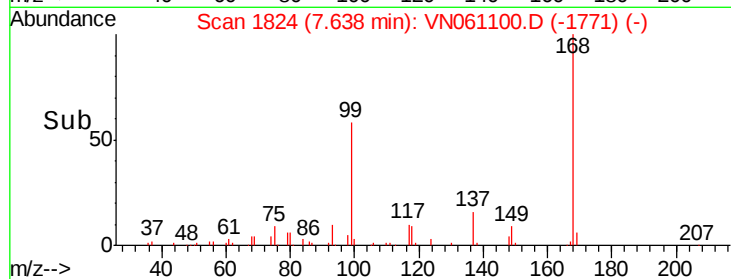
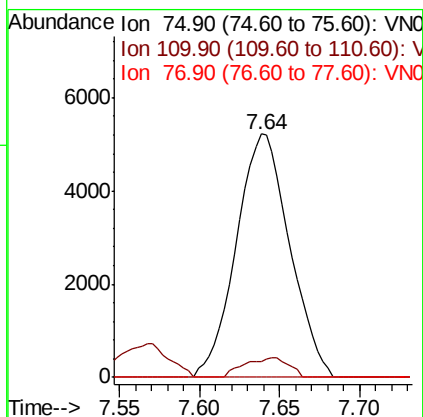
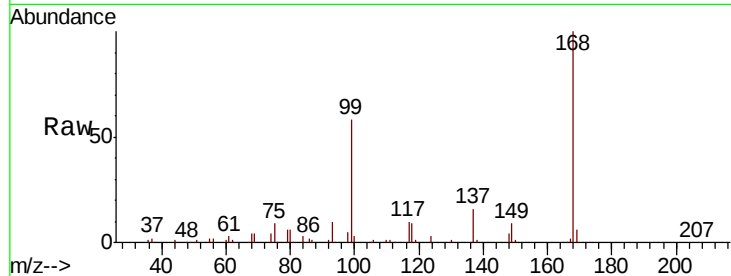




#36
 1,1-Dichloropropene
 Concen: 4.702 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN061100.D
 Acq: 20 Apr 2020 14:44

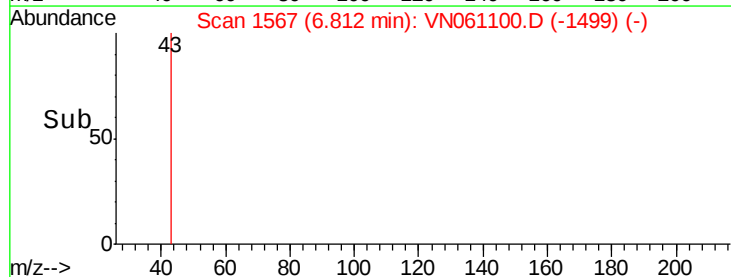
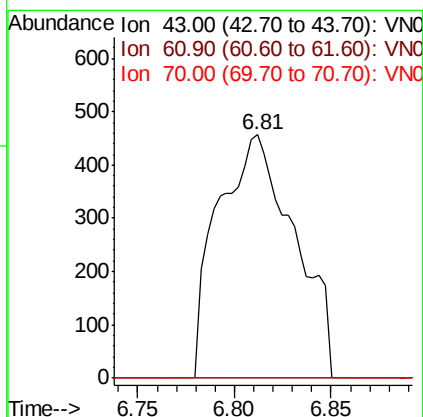
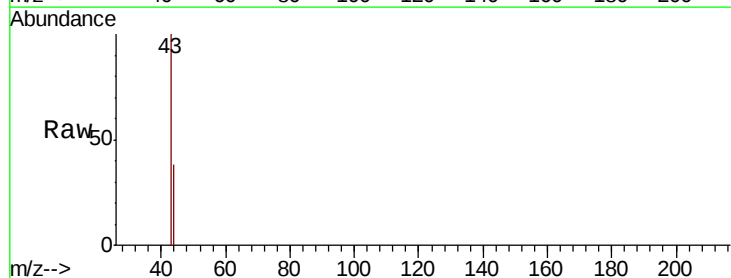
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 BP-FB01-20200414RE

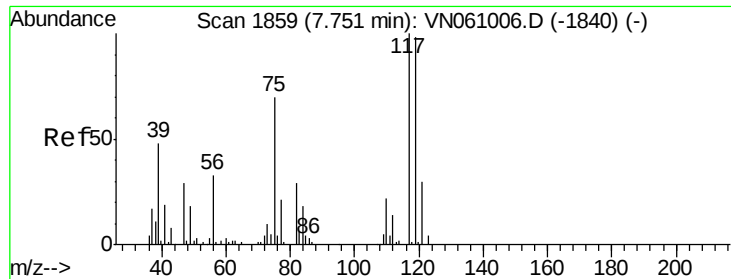
Tot Ion	Ratio	Lower	Upper
75	100		
110	6.7	16.8	50.3#
77	0.0	24.7	37.1#



#37
 Ethyl Acetate
 Concen: 0.455 ug/l
 RT: 6.81 min Scan# 1567
 Delta R.T. -0.08 min
 Lab File: VN061100.D
 Acq: 20 Apr 2020 14:44

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.9	16.3#
70	0.0	7.7	11.5#

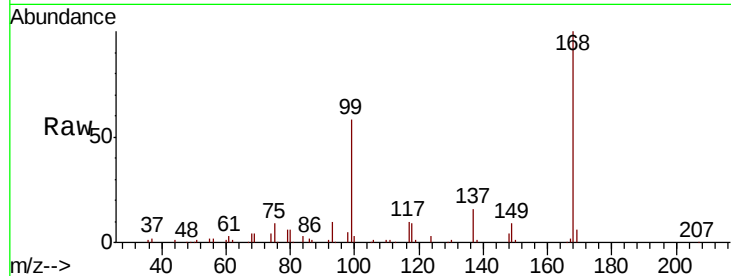




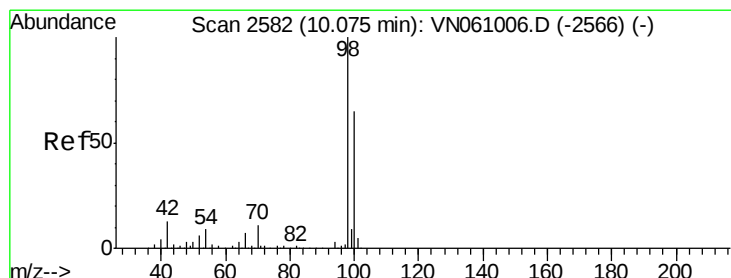
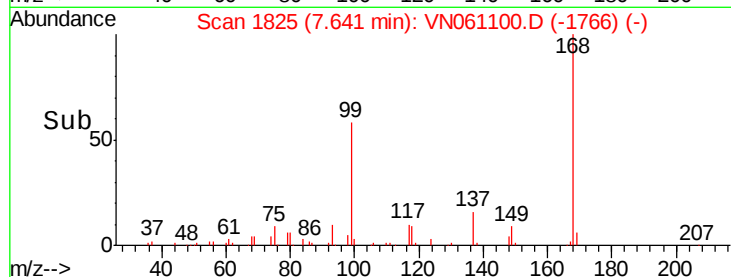
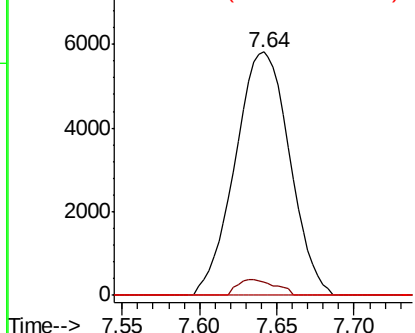
#38
Carbon Tetrachloride
Concen: 6.746 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. -0.11 min
Lab File: VN061100.D
Acq: 20 Apr 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
BP-FB01-20200414RE

Tot Ion:117 Resp: 14238
Ion Ratio Lower Upper
117 100
119 5.4 78.1 117.1#
121 0.0 24.0 36.0#

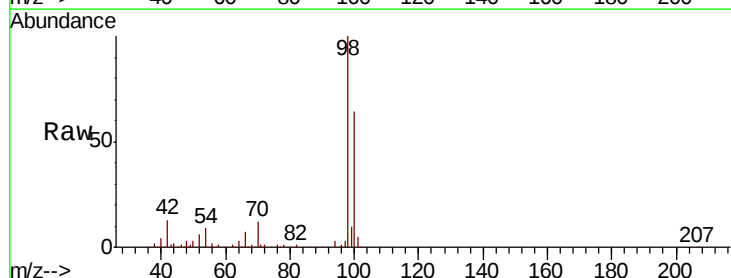


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

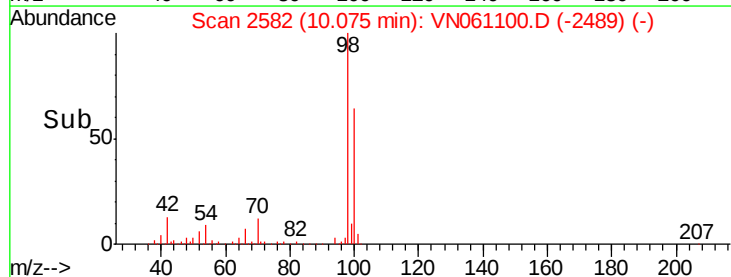
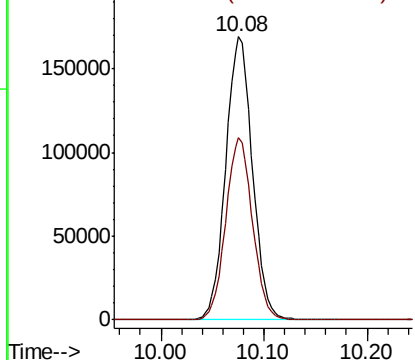


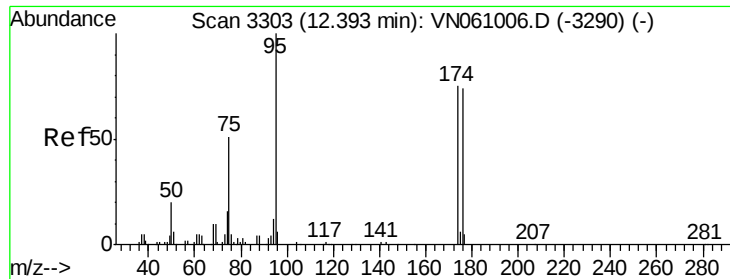
#50
Toluene-d8
Concen: 56.319 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. 0.00 min
Lab File: VN061100.D
Acq: 20 Apr 2020 14:44

Tgt Ion: 98 Resp: 305391
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 51.606 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.00 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

BP-FB01-20200414RE

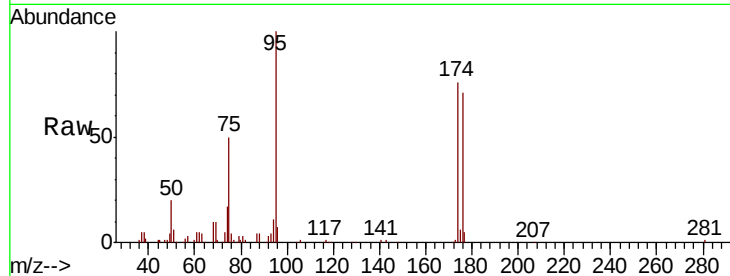
Tot Ion: 95 Resp: 109675

Ion Ratio Lower Upper

95 100

174 77.0 0.0 151.2

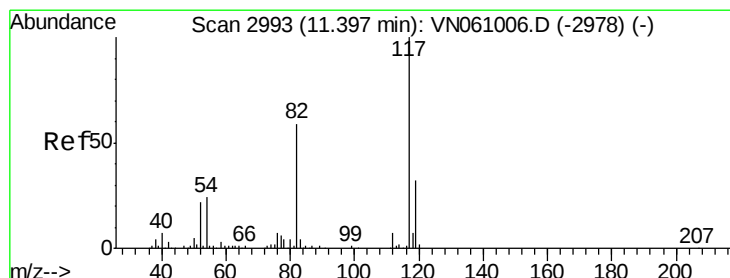
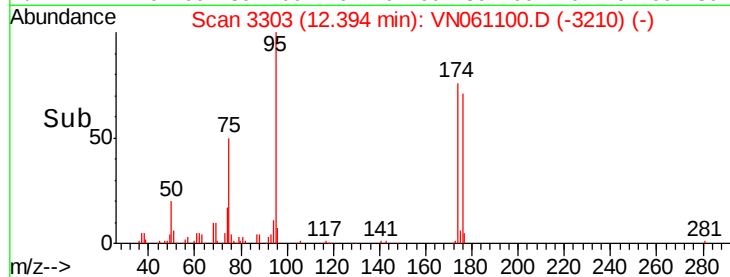
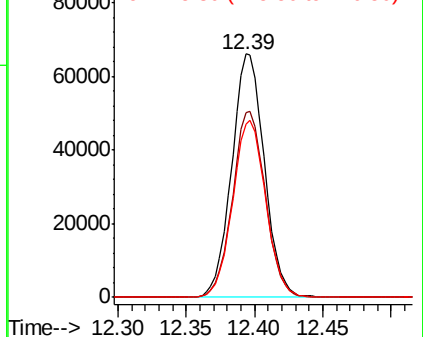
176 73.7 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. 0.00 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

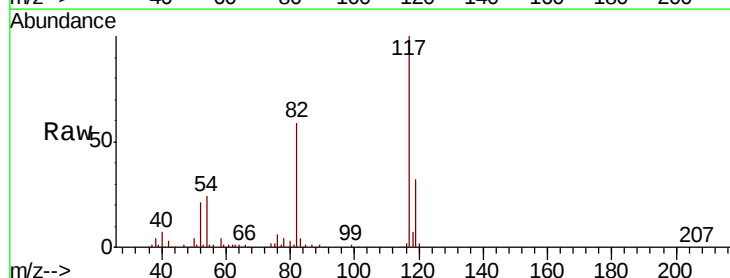
Tgt Ion: 117 Resp: 230066

Ion Ratio Lower Upper

117 100

82 58.7 47.1 70.7

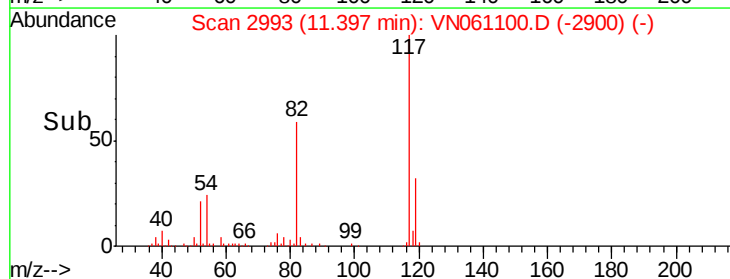
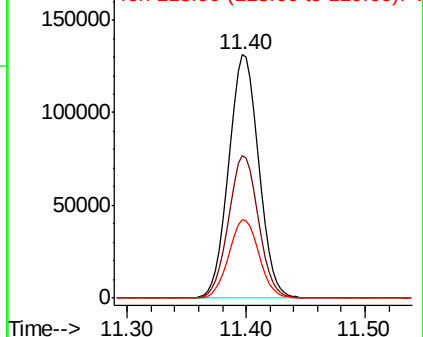
119 32.1 25.7 38.5

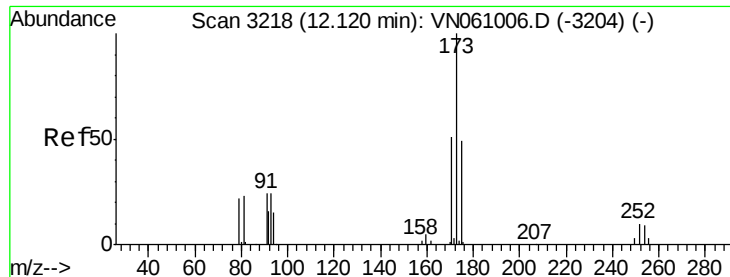


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.320 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.27 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

BP-FB01-20200414RE

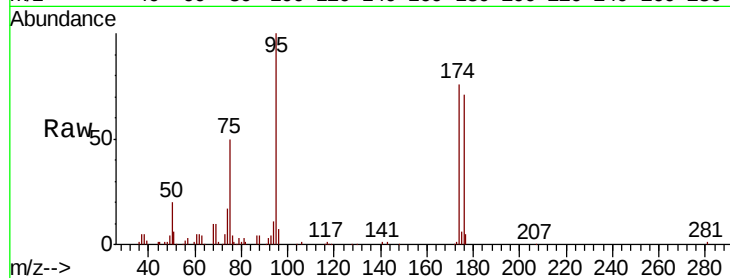
Tot Ion:173 Resp: 406

Ion Ratio Lower Upper

173 100

175 0.0 24.5 73.5#

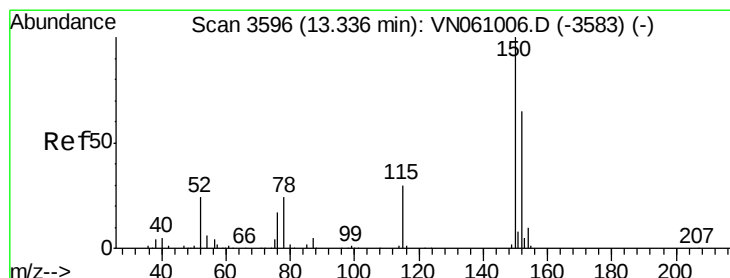
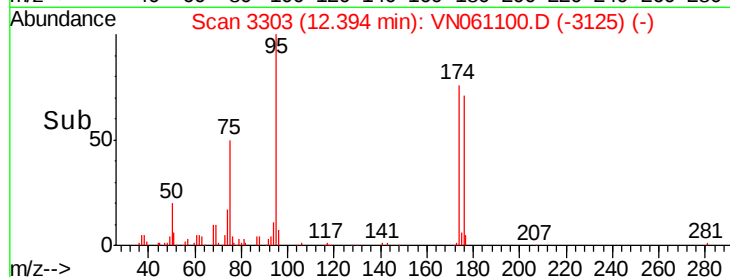
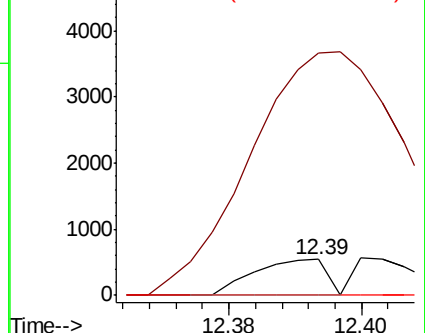
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

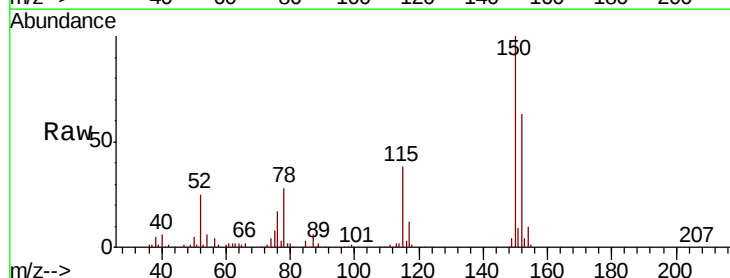
Tgt Ion:152 Resp: 98279

Ion Ratio Lower Upper

152 100

115 60.1 30.8 92.4

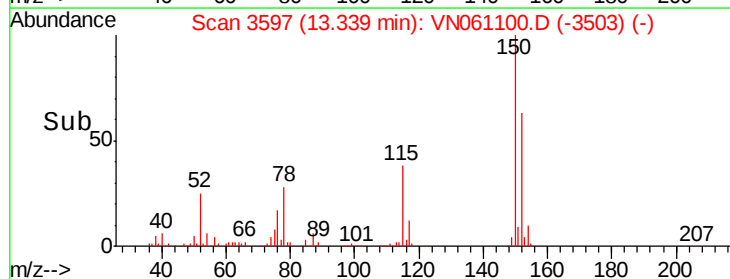
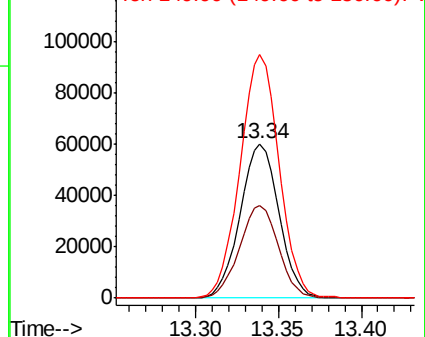
150 158.2 0.0 349.0

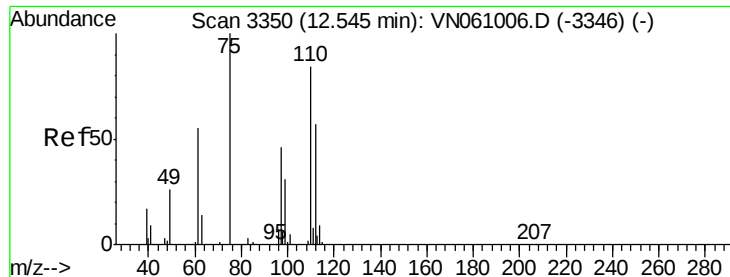


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.225 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.15 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

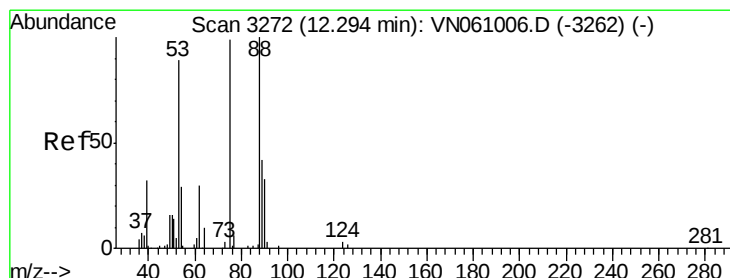
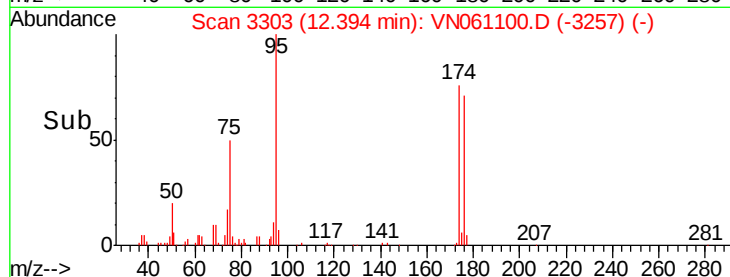
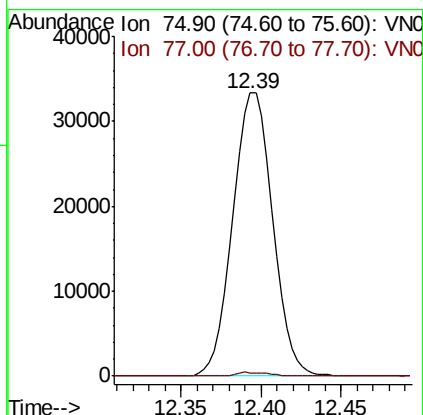
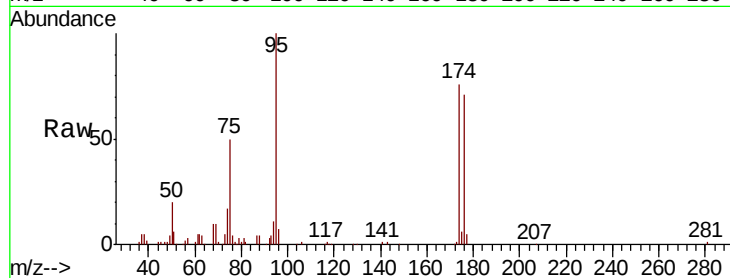
BP-FB01-20200414RE

Tot Ion: 75 Resp: 56691

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.685 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. 0.10 min

Lab File: VN061100.D

Acq: 20 Apr 2020 14:44

Tgt Ion: 75 Resp: 56691

Ion Ratio Lower Upper

75 100

53 0.0 74.7 112.1#

89 0.0 34.6 52.0#

