

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061862.D
 Acq On : 17 Jun 2020 20:40
 Operator : JC/MD
 Sample : L3008-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-725-D-WATERING-BAG

Quant Time: Jun 18 03:57:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	135685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	244648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	234597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88280	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	89158	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
35) Dibromofluoromethane	7.55	113	79094	50.54	ug/l	0.00
Spiked Amount			Recovery	=	101.08%	
50) Toluene-d8	10.06	98	305351	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	99060	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	

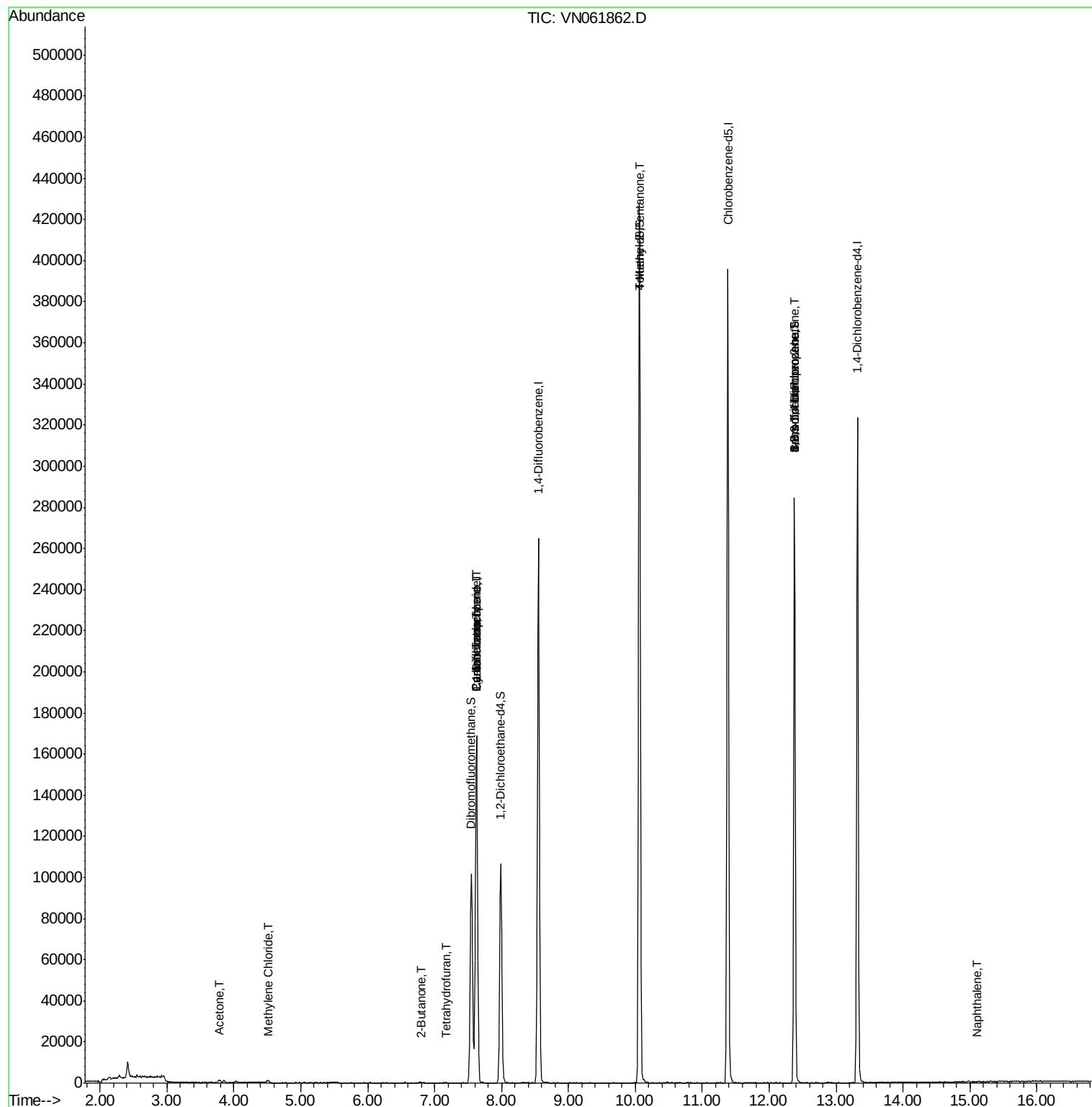
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.79	43	2526	4.699	ug/l	92
20) Methylene Chloride	4.50	84	579	0.331	ug/l #	55
25) 2-Butanone	6.81	43	159	0.203	ug/l #	44
29) Tetrahydrofuran	7.17	42	179	0.347	ug/l #	26
31) Cyclohexane	7.63	56	2739	1.142	ug/l #	36
36) 1,1-Dichloropropene	7.62	75	10319	4.624	ug/l #	48
38) Carbon Tetrachloride	7.63	117	13107	5.931	ug/l #	18
51) 4-Methyl-2-Pentanone	10.06	43	1106	0.637	ug/l #	1
71) Bromoform	12.38	173	807	0.641	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	49893	28.787	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	49893	78.515	ug/l #	14
95) Naphthalene	15.11	128	73	3.499	ug/l #	69

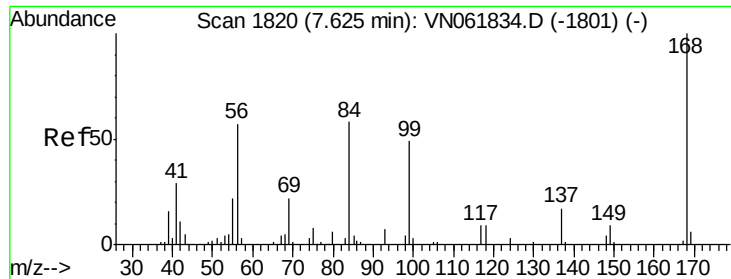
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061862.D

Acq: 17 Jun 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

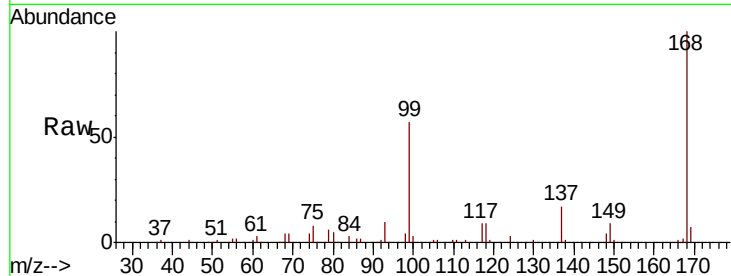
MH-725-D-WATERING-BAG

Tot Ion:168 Resp: 135685

Ion Ratio Lower Upper

168 100

99 56.8 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): VN061834.D (-1801) (-)

Ion 98.90 (98.60 to 99.60): VN061834.D (-1801) (-)

7.63

60000

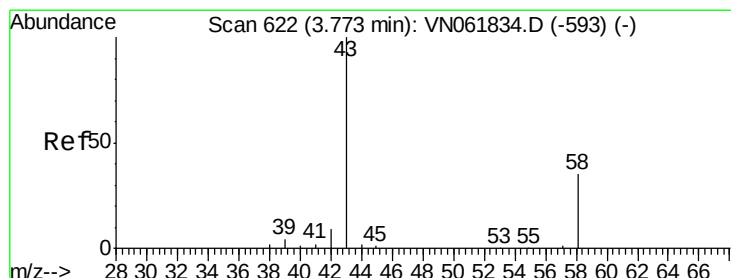
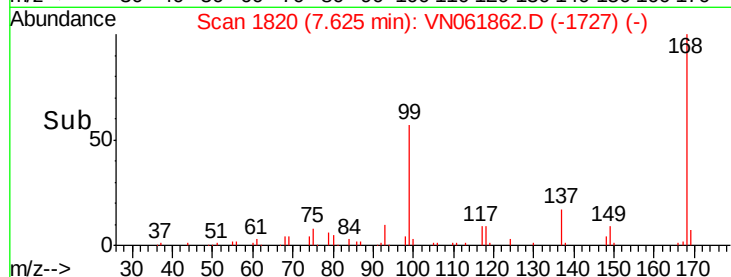
40000

20000

0

7.55 7.60 7.65 7.70

Time-->



#16

Acetone

Concen: 4.699 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN061862.D

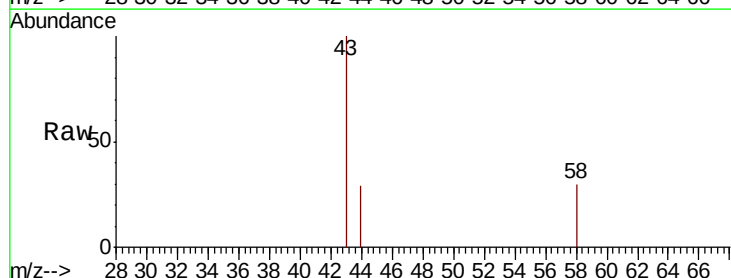
Acq: 17 Jun 2020 20:40

Tgt Ion: 43 Resp: 2526

Ion Ratio Lower Upper

43 100

58 30.4 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-593) (-)

3.79

1000

800

600

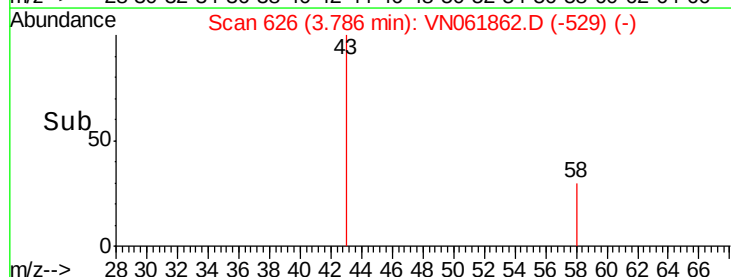
400

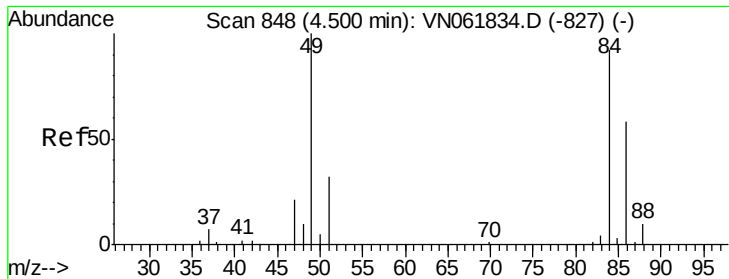
200

0

3.70 3.75 3.80 3.85

Time-->





#20

Methylene Chloride

Concen: 0.331 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN061862.D

Acq: 17 Jun 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

MH-725-D-WATERING-BAG

Tot Ion: 84 Resp: 579

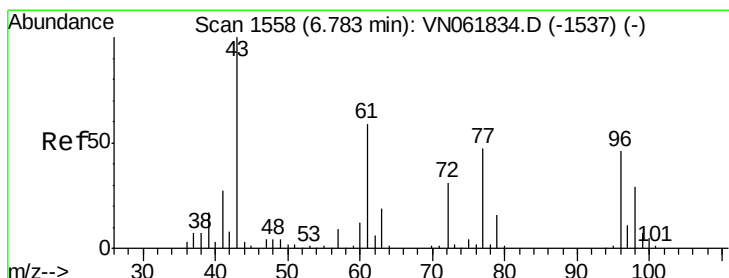
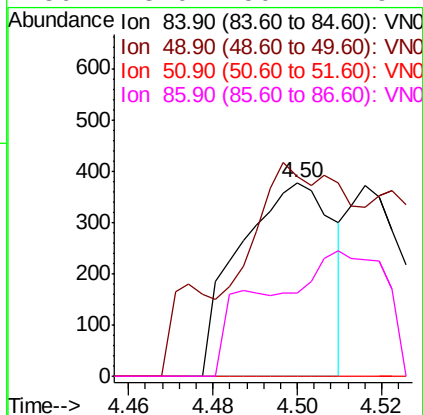
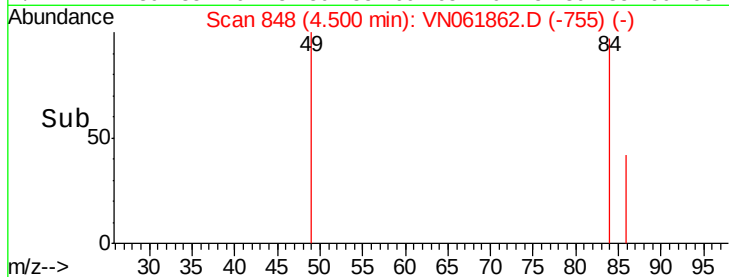
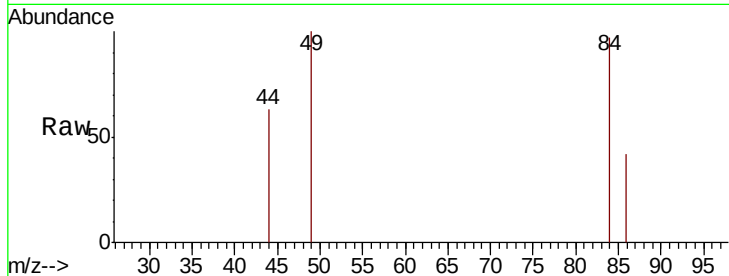
Ion Ratio Lower Upper

84 100

49 55.7 87.0 130.4#

51 0.0 27.8 41.6#

86 43.0 50.2 75.2#



#25

2-Butanone

Concen: 0.203 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.02 min

Lab File: VN061862.D

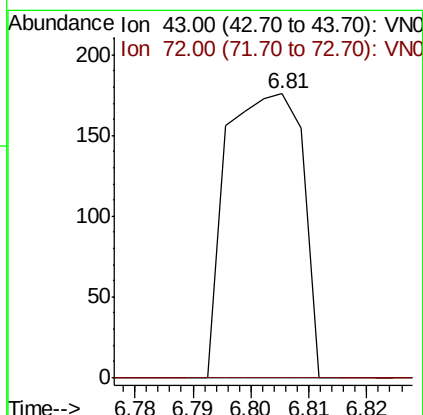
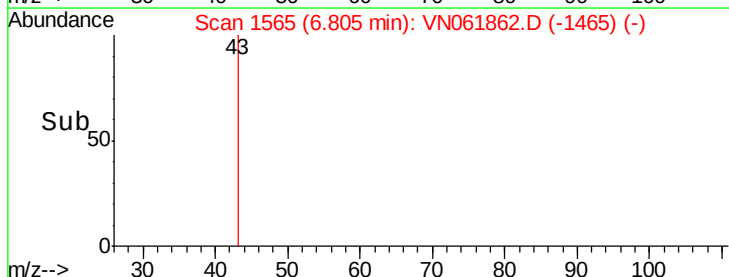
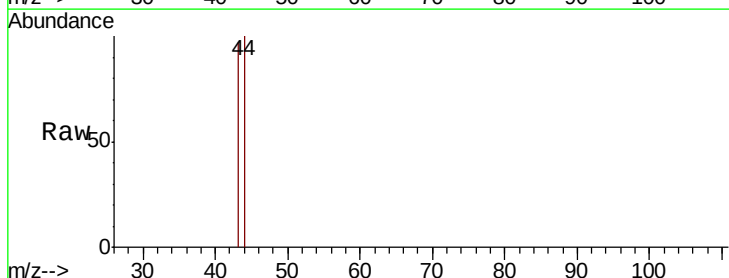
Acq: 17 Jun 2020 20:40

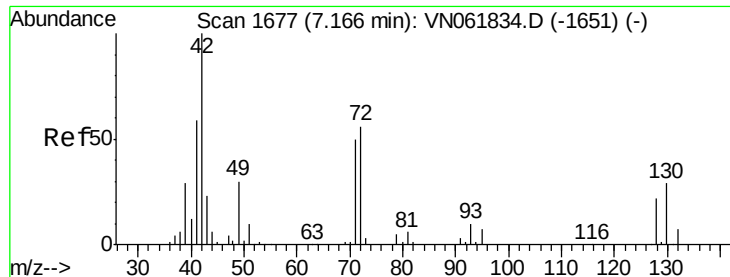
Tgt Ion: 43 Resp: 159

Ion Ratio Lower Upper

43 100

72 0.0 24.6 37.0#





#29

Tetrahydrofuran

Concen: 0.347 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN061862.D

Acq: 17 Jun 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

MH-725-D-WATERING-BAG

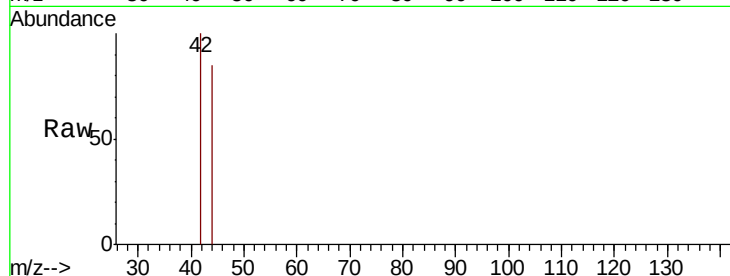
Tot Ion: 42 Resp: 179

Ion Ratio Lower Upper

42 100

72 0.0 44.0 66.0#

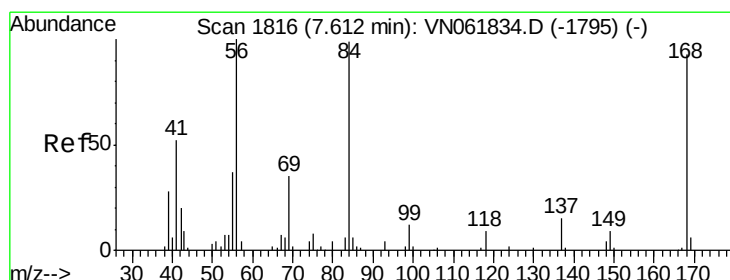
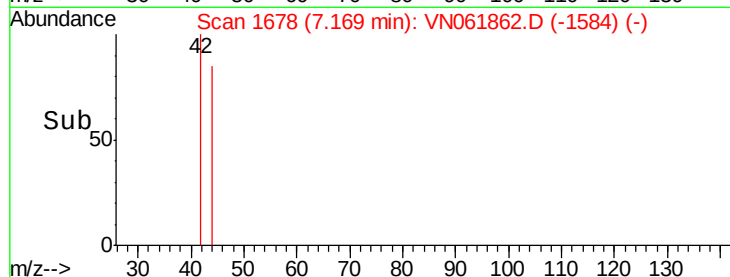
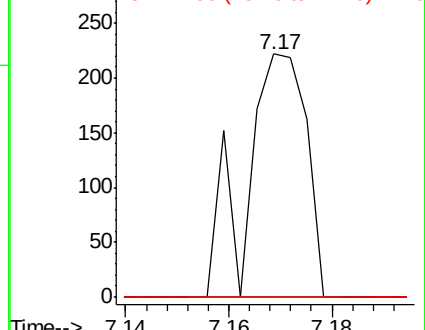
71 0.0 40.0 60.0#



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#31

Cyclohexane

Concen: 1.142 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN061862.D

Acq: 17 Jun 2020 20:40

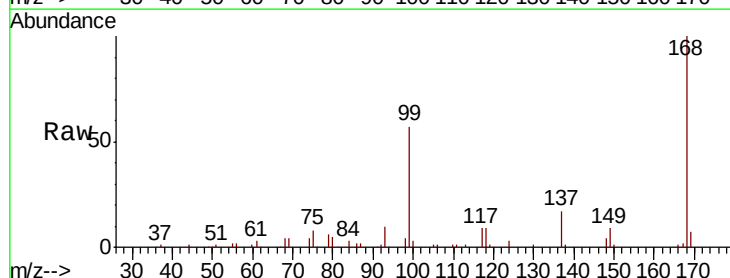
Tgt Ion: 56 Resp: 2739

Ion Ratio Lower Upper

56 100

69 145.0 27.7 41.5#

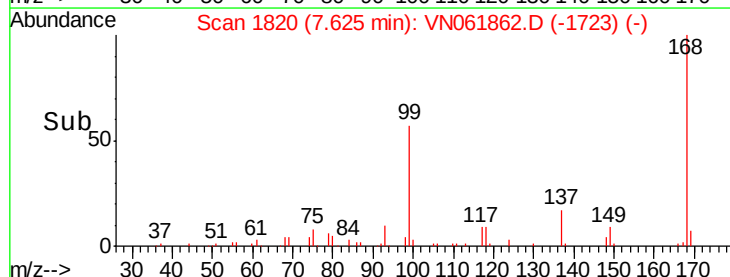
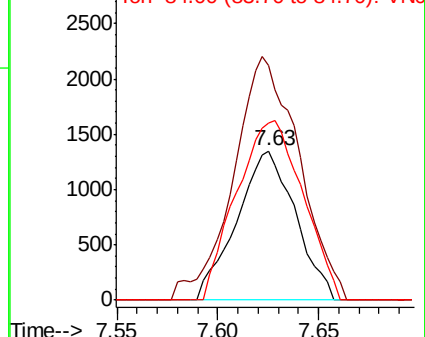
84 118.6 79.1 118.7

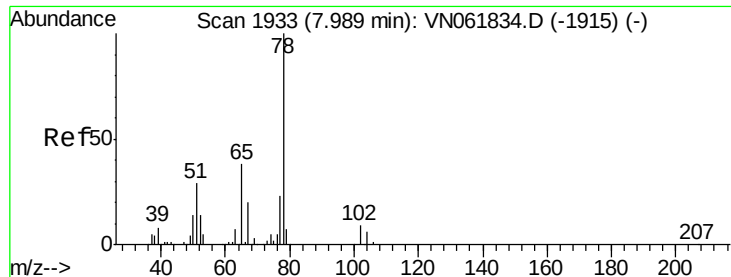


Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0

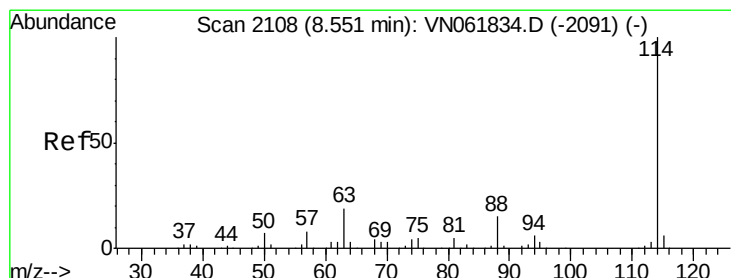
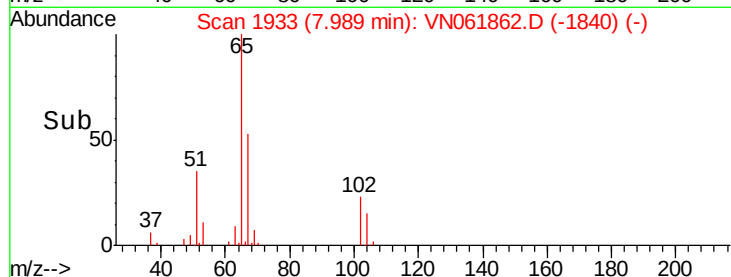
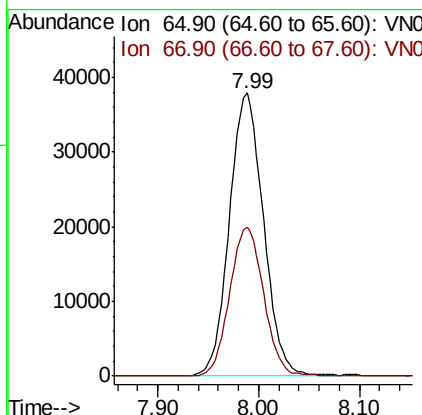
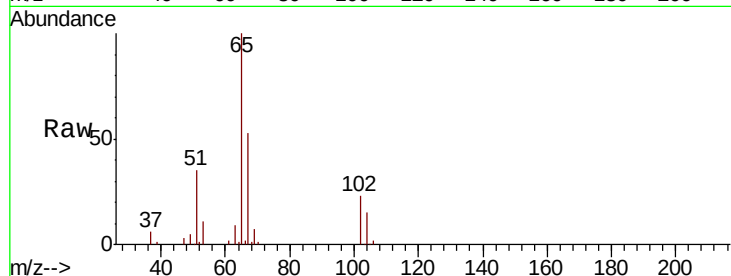




#33
 1,2-Dichloroethane-d4
 Concen: 48.995 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061862.D
 Acq: 17 Jun 2020 20:40

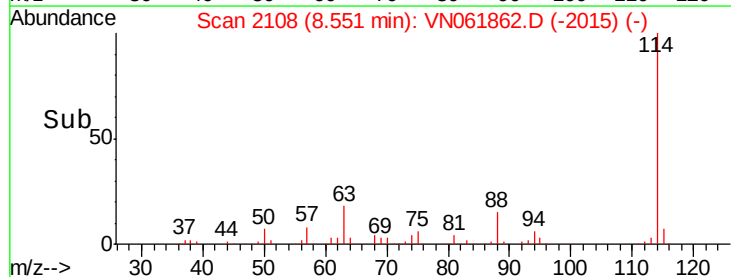
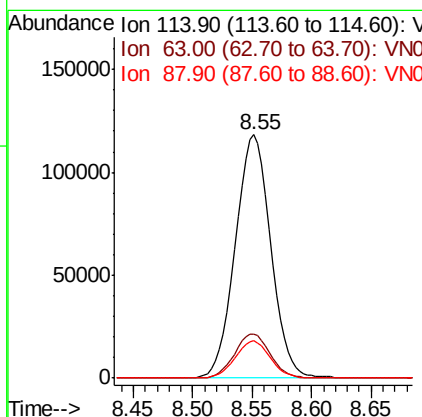
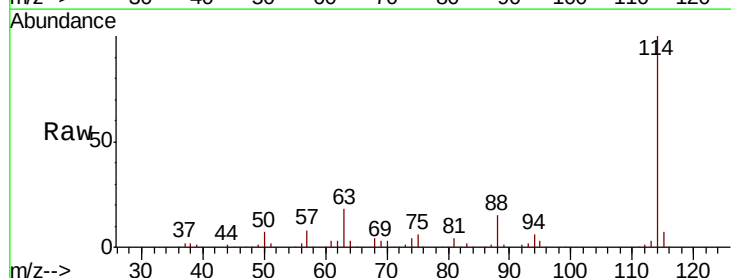
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-725-D-WATERING-BAG

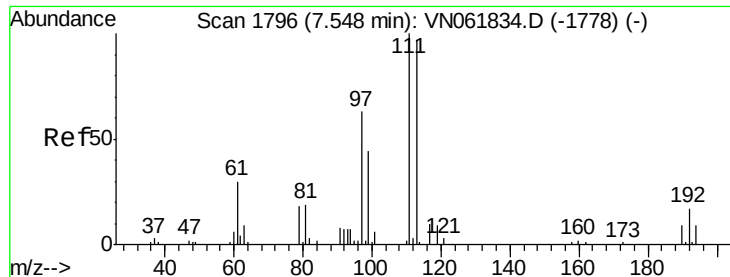
Tot Ion: 65 Resp: 89158
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061862.D
 Acq: 17 Jun 2020 20:40

Tgt Ion: 114 Resp: 244648
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 37.6
 88 15.2 0.0 31.0

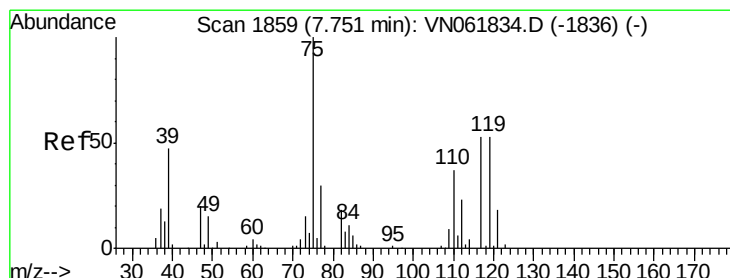
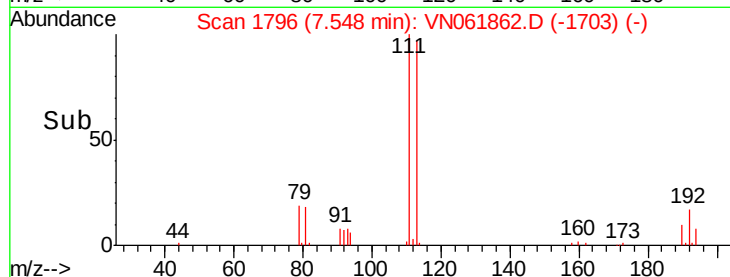
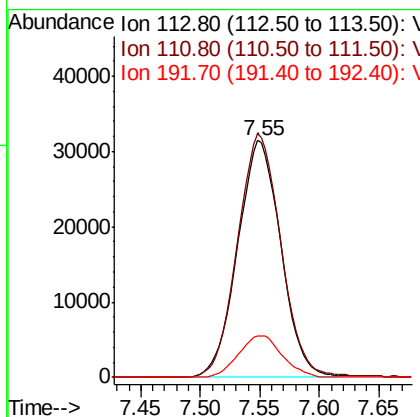
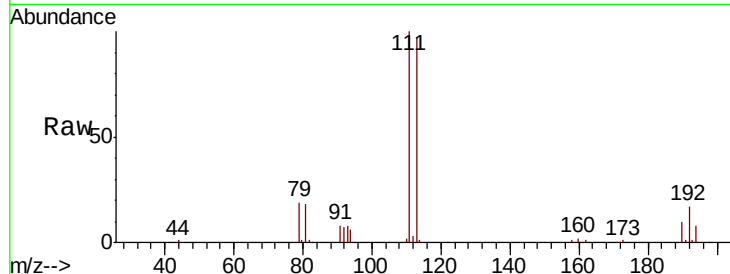




#35
 Dibromofluoromethane
 Concen: 50.535 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061862.D
 Acq: 17 Jun 2020 20:40

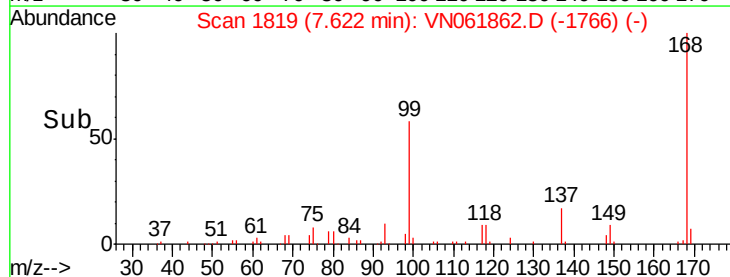
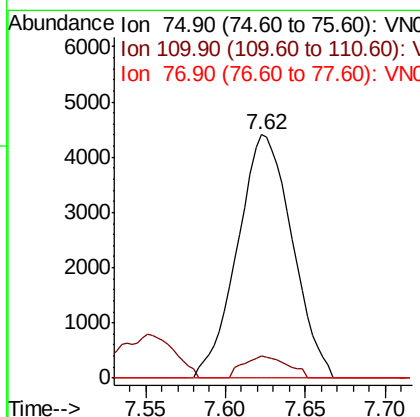
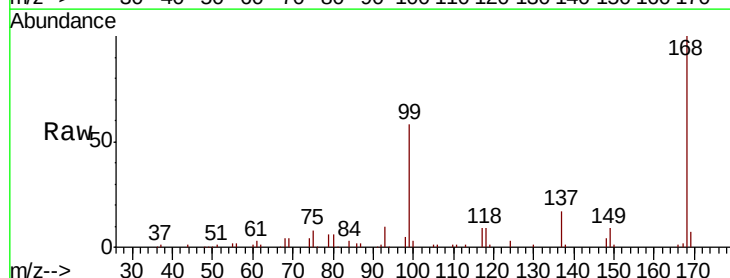
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-725-D-WATERING-BAG

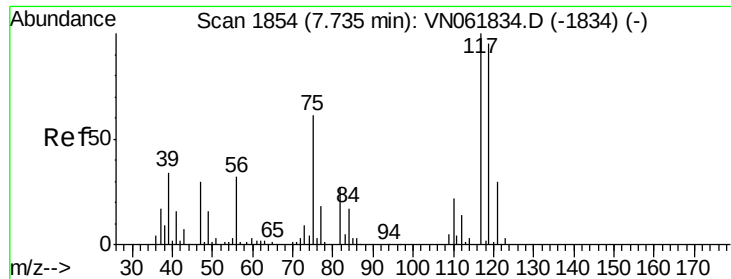
Tot Ion:113 Resp: 79094
 Ion Ratio Lower Upper
 113 100
 111 103.7 83.7 125.5
 192 17.6 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.624 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061862.D
 Acq: 17 Jun 2020 20:40

Tgt Ion: 75 Resp: 10319
 Ion Ratio Lower Upper
 75 100
 110 7.2 18.2 54.6#
 77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 5.931 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.11 min

Lab File: VN061862.D

Acq: 17 Jun 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

MH-725-D-WATERING-BAG

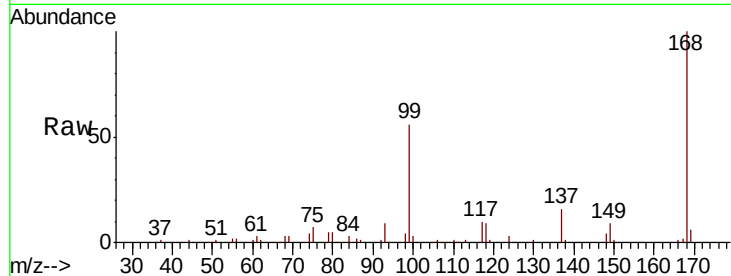
Tot Ion:117 Resp: 13107

Ion Ratio Lower Upper

117 100

119 6.4 75.8 113.6#

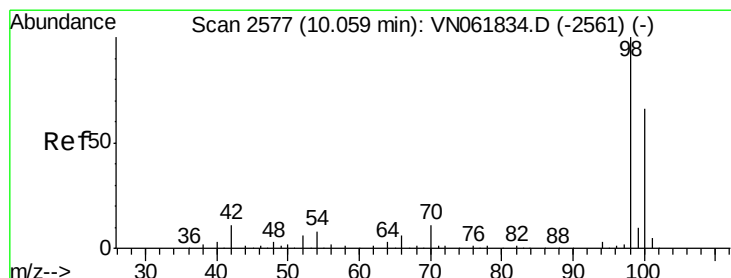
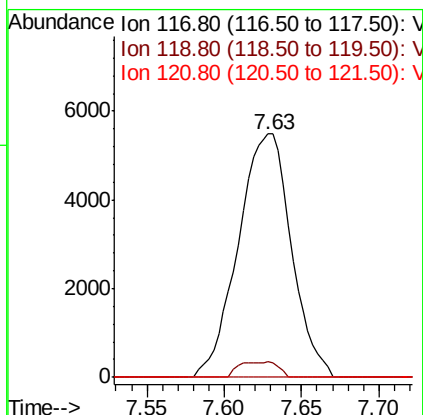
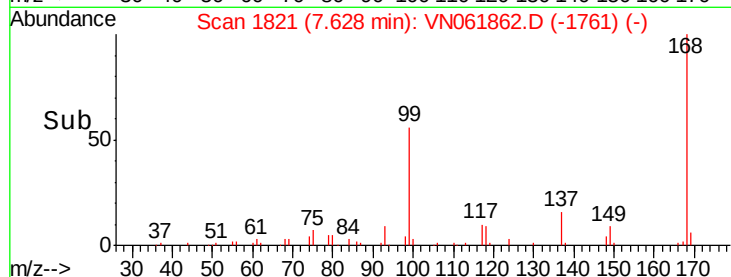
121 0.0 23.8 35.6#



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: 49.625 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061862.D

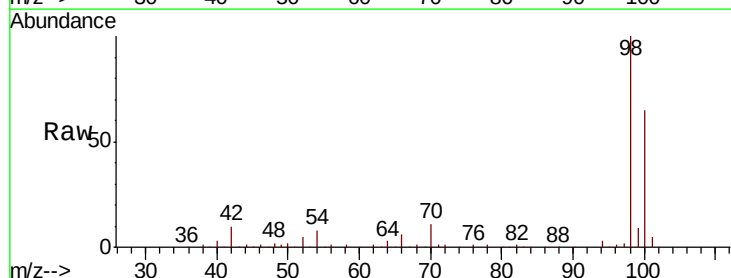
Acq: 17 Jun 2020 20:40

Tgt Ion: 98 Resp: 305351

Ion Ratio Lower Upper

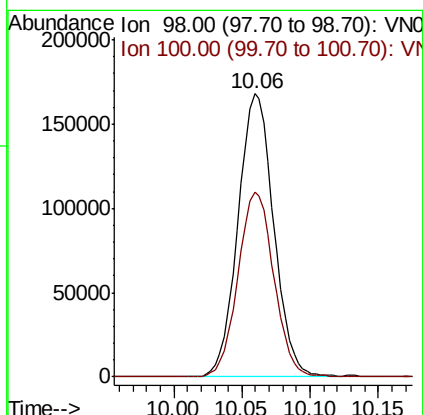
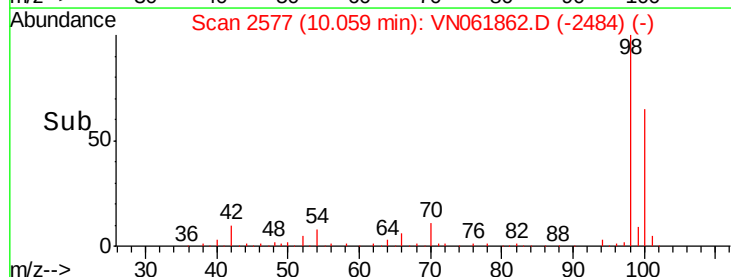
98 100

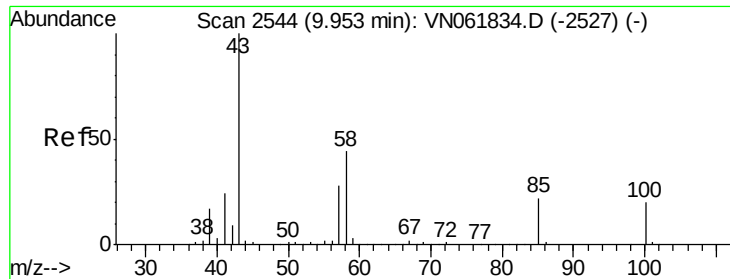
100 65.7 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.637 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.11 min

Lab File: VN061862.D

Acq: 17 Jun 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

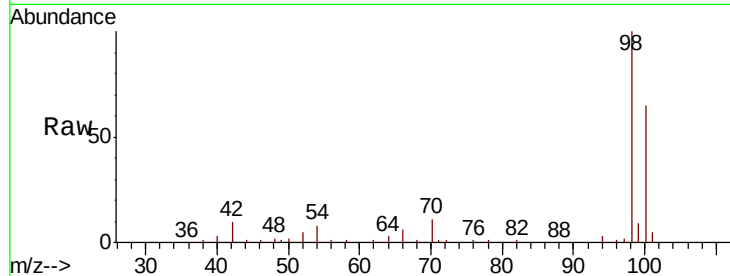
MH-725-D-WATERING-BAG

Tot Ion: 43 Resp: 1106

Ion Ratio Lower Upper

43 100

58 203.3 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

1500

1000

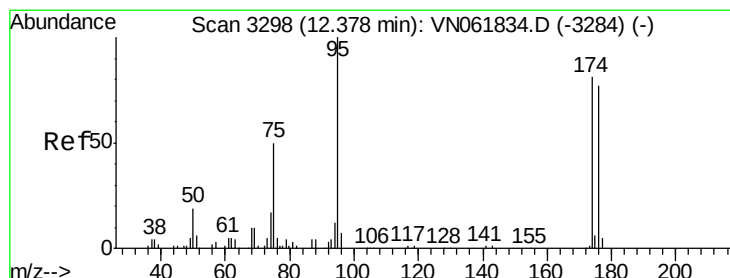
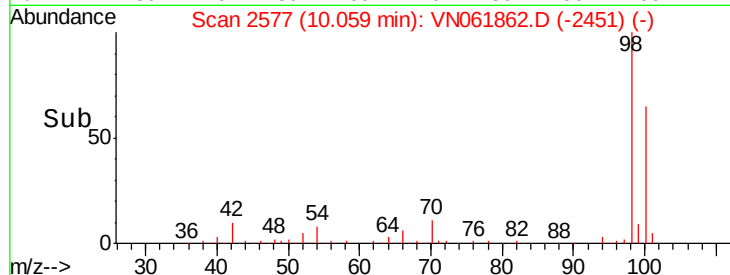
500

0

10.05

10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 46.934 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061862.D

Acq: 17 Jun 2020 20:40

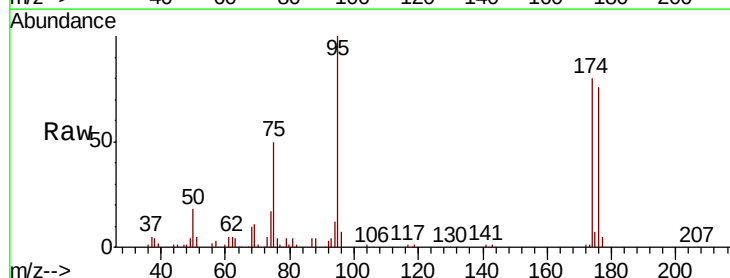
Tgt Ion: 95 Resp: 99060

Ion Ratio Lower Upper

95 100

174 79.9 0.0 158.6

176 74.8 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)

80000

60000

40000

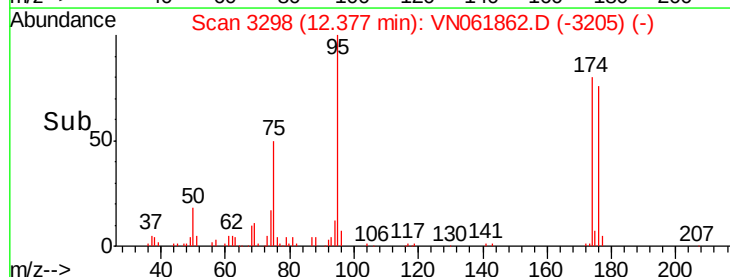
20000

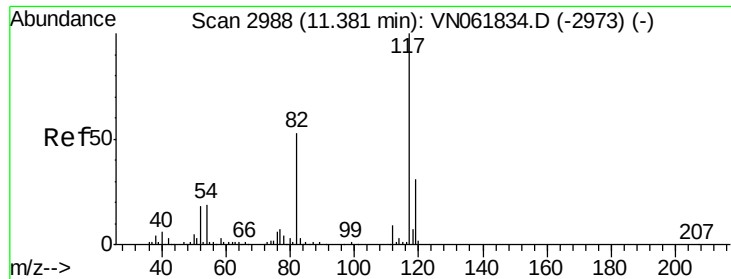
0

12.38

12.40

Time-->

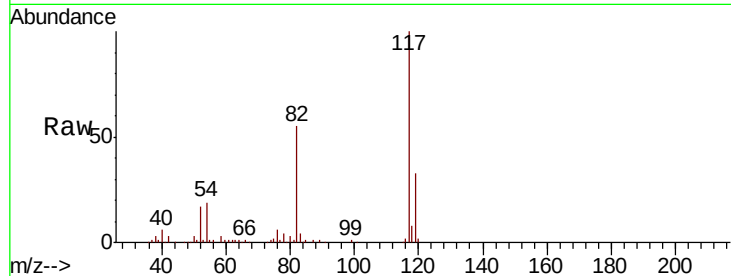




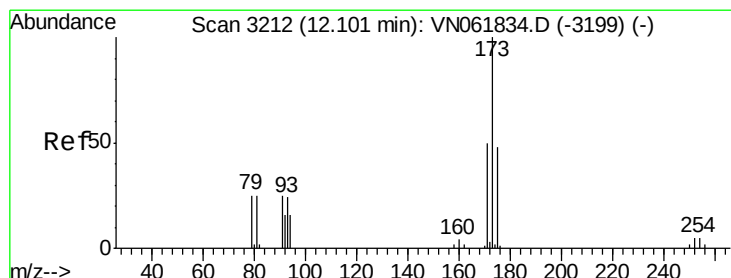
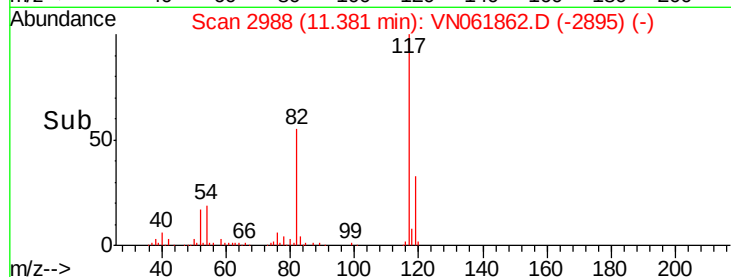
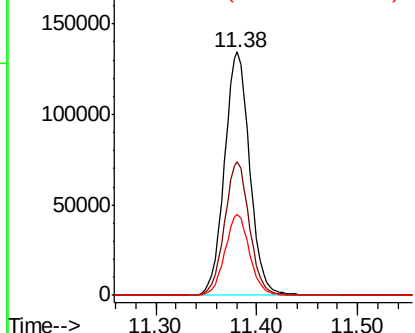
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061862.D
Acq: 17 Jun 2020 20:40

Instrument :
MSVOA_N
ClientSampleId :
MH-725-D-WATERING-BAG

Tot Ion:117 Resp: 234597
Ion Ratio Lower Upper
117 100
82 55.0 42.6 64.0
119 33.3 24.7 37.1

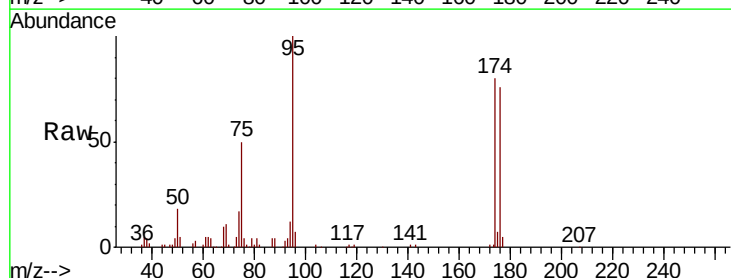


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

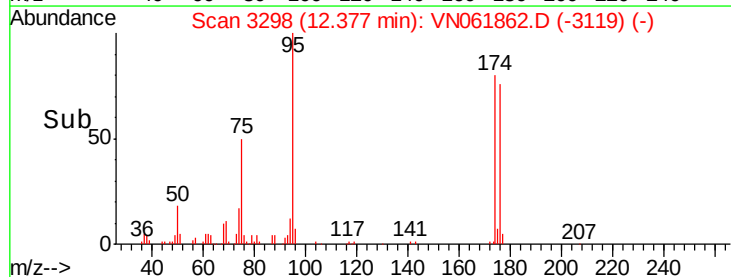
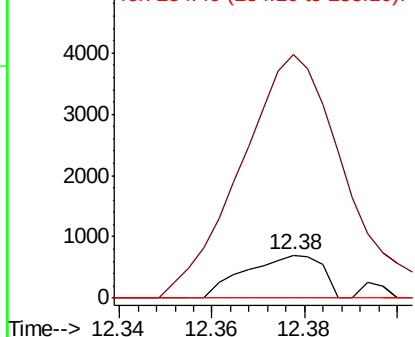


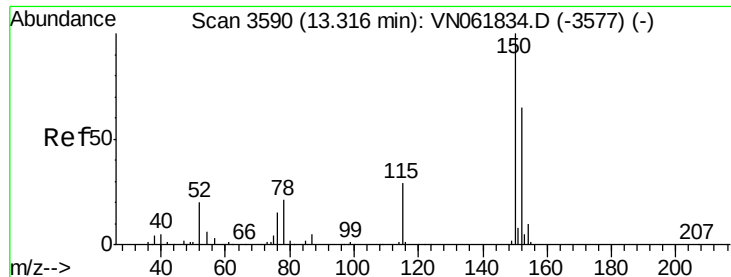
#71
Bromoform
Concen: 0.641 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.28 min
Lab File: VN061862.D
Acq: 17 Jun 2020 20:40

Tgt Ion:173 Resp: 807
Ion Ratio Lower Upper
173 100
175 653.0 23.9 71.7#
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: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061862.D

Acq: 17 Jun 2020 20:40

Instrument :

MSVOA_N

ClientSampleId :

MH-725-D-WATERING-BAG

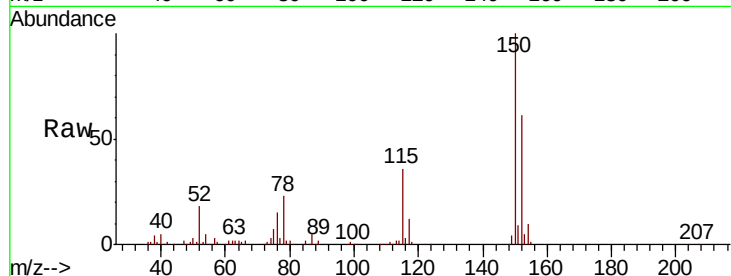
Tot Ion:152 Resp: 88280

Ion Ratio Lower Upper

152 100

115 58.8 29.1 87.3

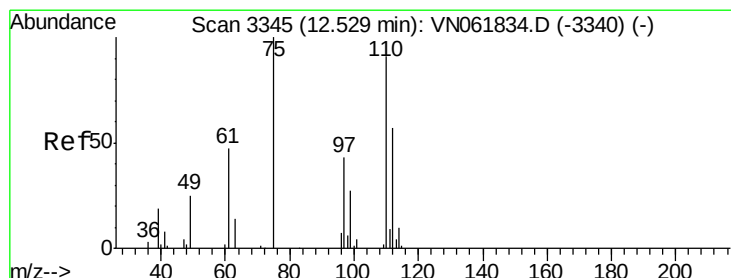
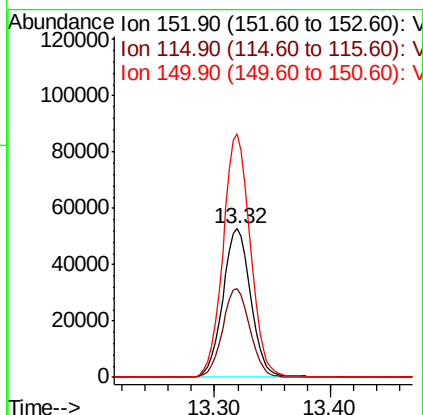
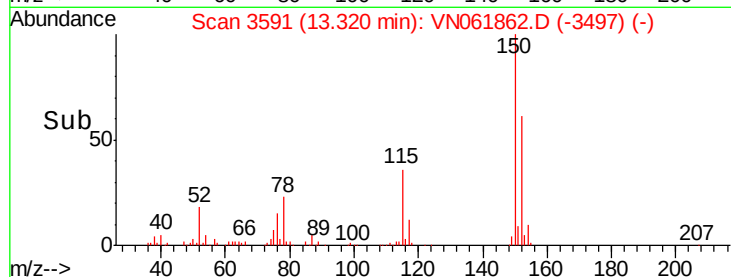
150 160.0 0.0 347.6



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: 28.787 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN061862.D

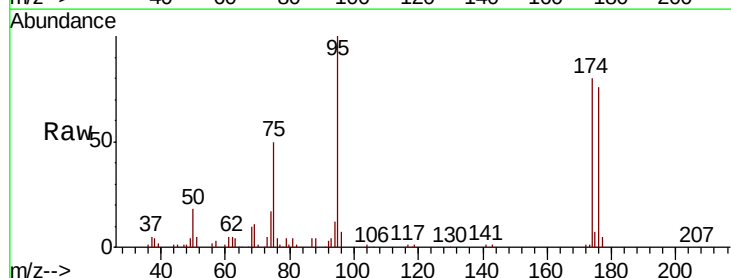
Acq: 17 Jun 2020 20:40

Tgt Ion: 75 Resp: 49893

Ion Ratio Lower Upper

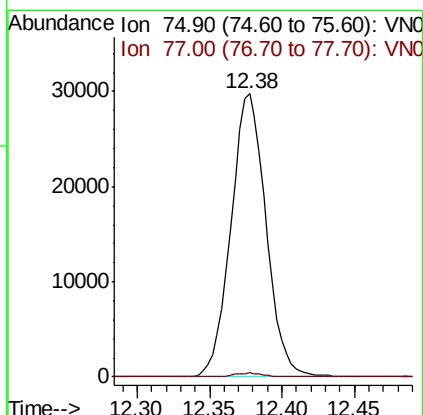
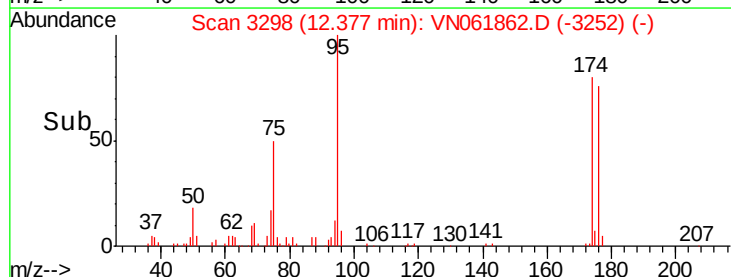
75 100

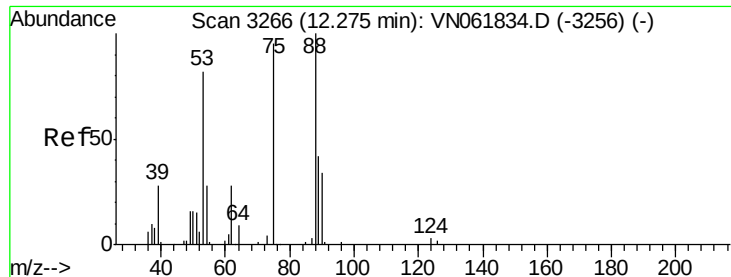
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

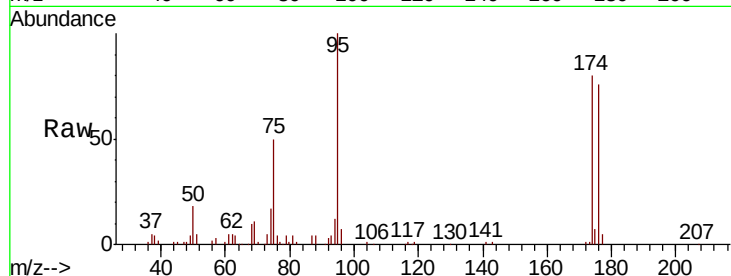




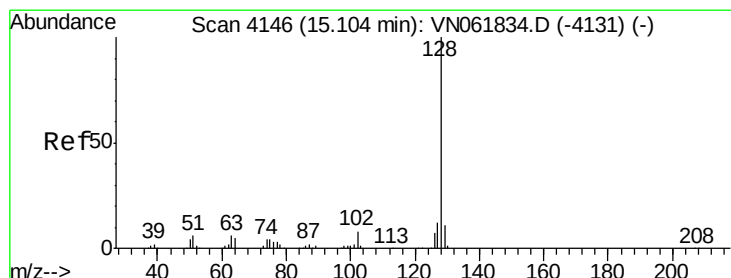
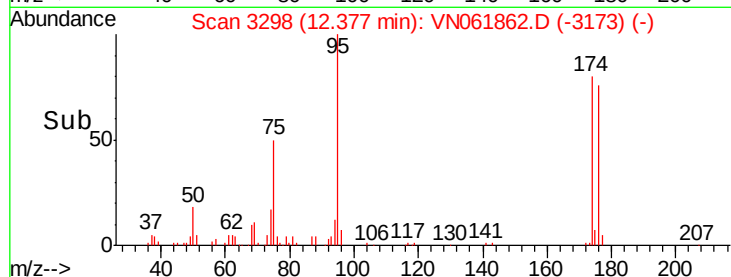
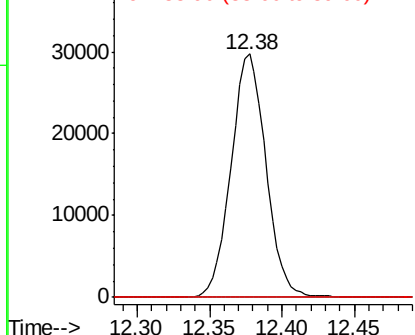
#81
trans-1,4-Dichloro-2-butene
Concen: 78.515 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.10 min
Lab File: VN061862.D
Acq: 17 Jun 2020 20:40

Instrument :
MSVOA_N
ClientSampleId :
MH-725-D-WATERING-BAG

Tot Ion: 75 Resp: 49893
Ion Ratio Lower Upper
75 100
53 0.0 70.4 105.6#
89 0.0 36.0 54.0#

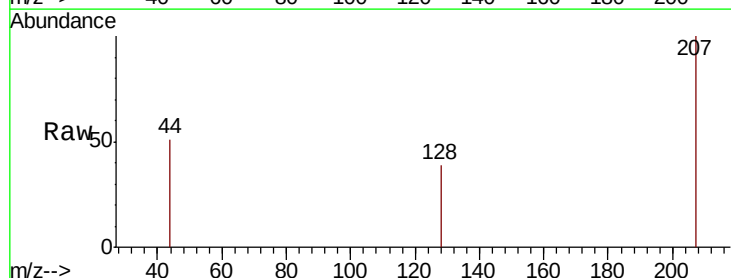


Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 88.90 (88.60 to 89.60): VN0



#95
Naphthalene
Concen: 3.499 ug/l
RT: 15.11 min Scan# 4148
Delta R.T. 0.01 min
Lab File: VN061862.D
Acq: 17 Jun 2020 20:40

Tgt Ion: 128 Resp: 73
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 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

