

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062304.D
 Acq On : 1 Jul 2020 20:08
 Operator : JC/MD
 Sample : L3155-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-POST-DEWATERING-BAG

Quant Time: Jul 02 06:56:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	190072	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	374586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	357008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123706	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	151210	56.69	ug/l	0.00
Spiked Amount			Recovery	=	113.38%	
35) Dibromofluoromethane	7.55	113	120594	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	10.06	98	474923	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.38	95	149422	46.04	ug/l	0.00
Spiked Amount			Recovery	=	92.08%	

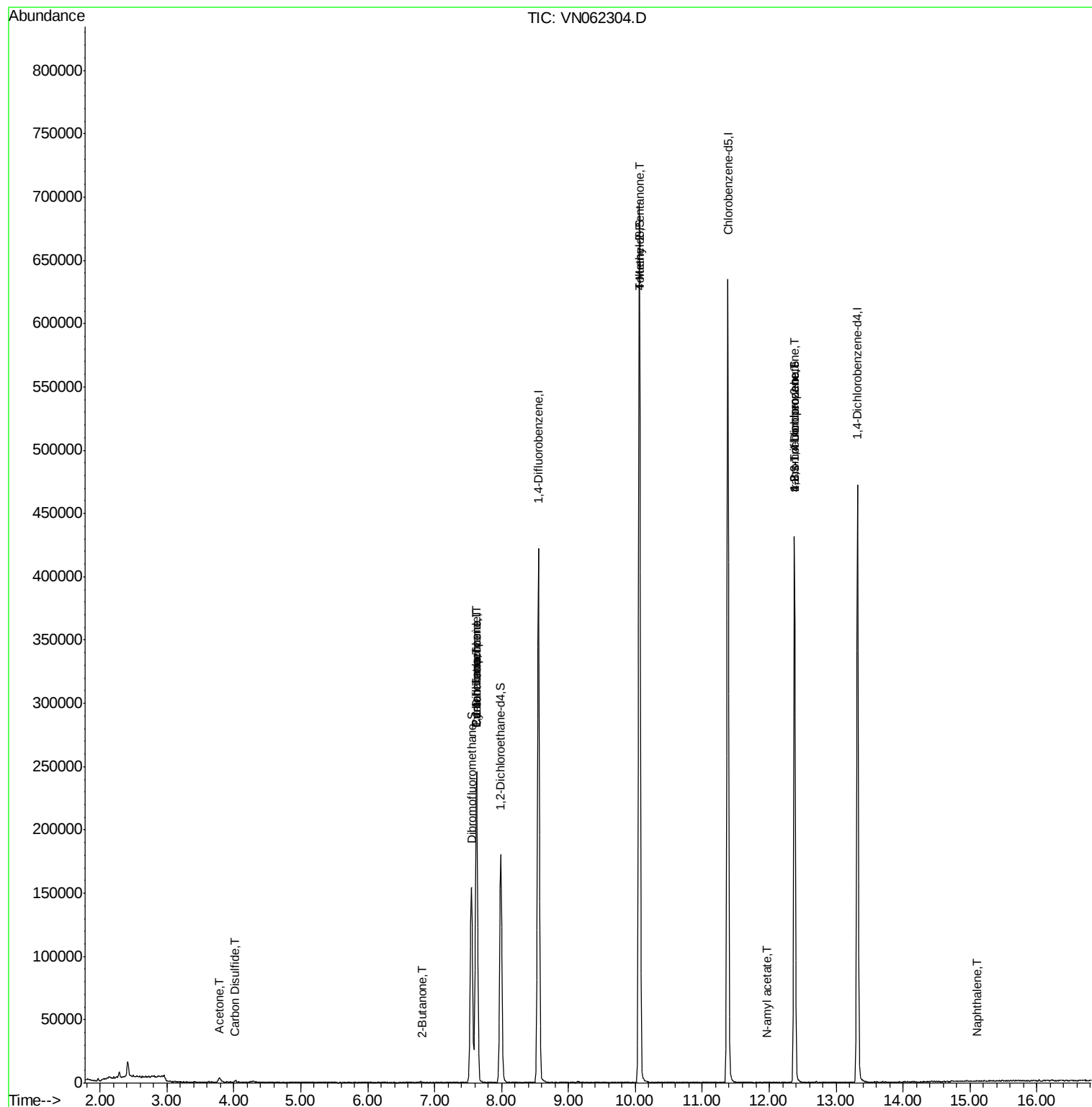
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	722	Below Cal		97
16) Acetone	3.78	43	6917	4.280	ug/l	98
17) Carbon Disulfide	4.01	76	1166	0.237	ug/l #	75
20) Methylene Chloride	4.50	84	136	Below Cal	#	29
25) 2-Butanone	6.81	43	850	0.652	ug/l #	44
31) Cyclohexane	7.62	56	4770	1.294	ug/l #	10
36) 1,1-Dichloropropene	7.63	75	16625	4.415	ug/l #	48
38) Carbon Tetrachloride	7.62	117	19282	5.432	ug/l #	15
51) 4-Methyl-2-Pentanone	10.06	43	2359	0.794	ug/l #	1
74) N-amyl acetate	11.96	43	112	3.373	ug/l #	38
76) 1,2,3-Trichloropropane	12.38	75	78097	26.818	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	78097	78.318	ug/l #	13
95) Naphthalene	15.11	128	159	4.020	ug/l #	69

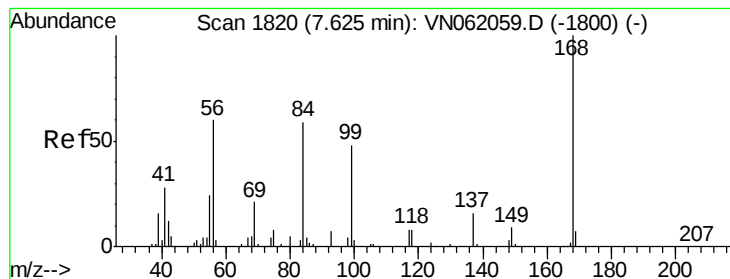
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN062304.D

Acq: 1 Jul 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

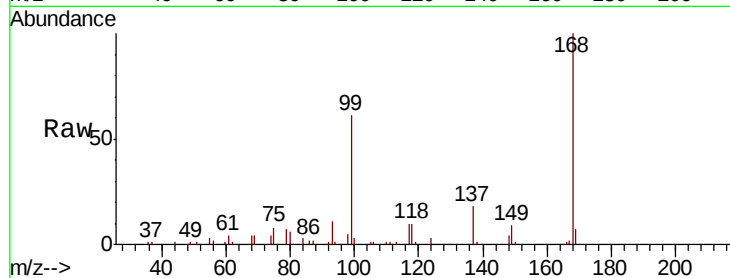
CBH-POST-DEWATERING-BAG

Tot Ion:168 Resp: 190072

Ion Ratio Lower Upper

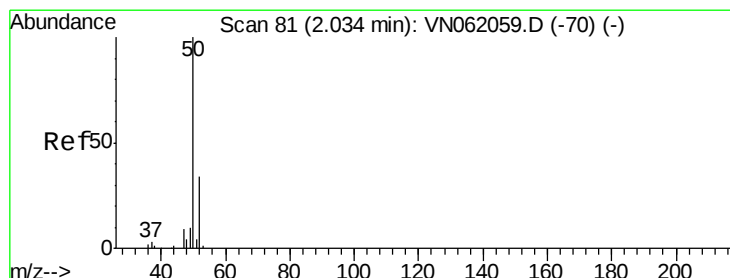
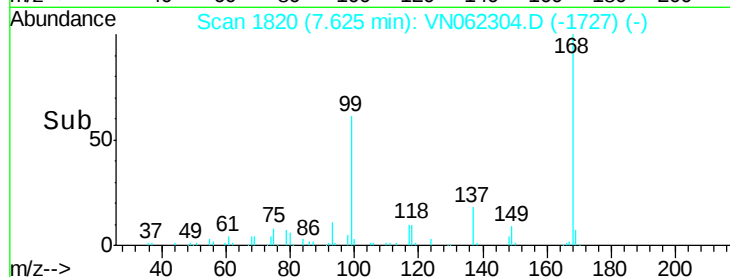
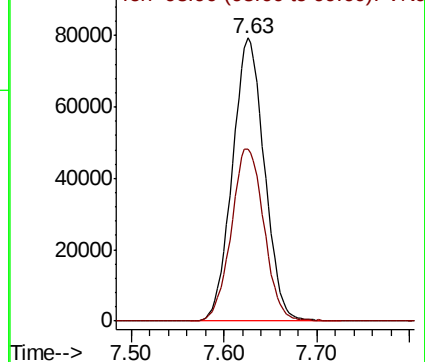
168 100

99 60.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: Below Cal

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN062304.D

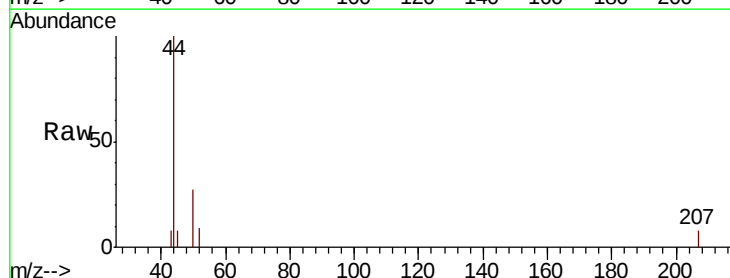
Acq: 1 Jul 2020 20:08

Tgt Ion: 50 Resp: 722

Ion Ratio Lower Upper

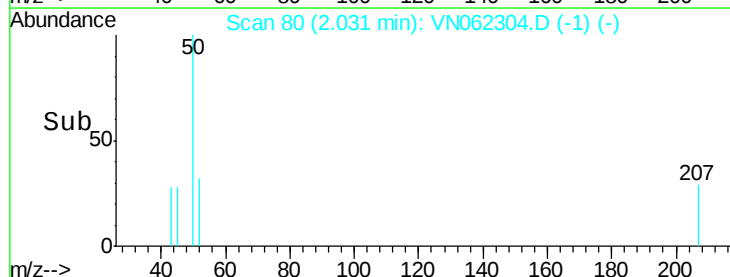
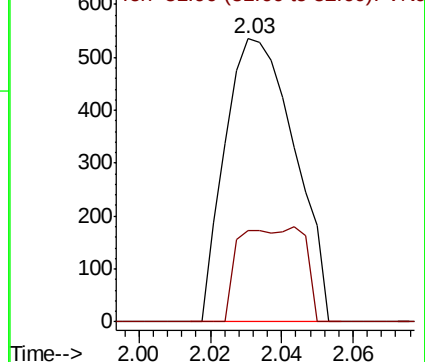
50 100

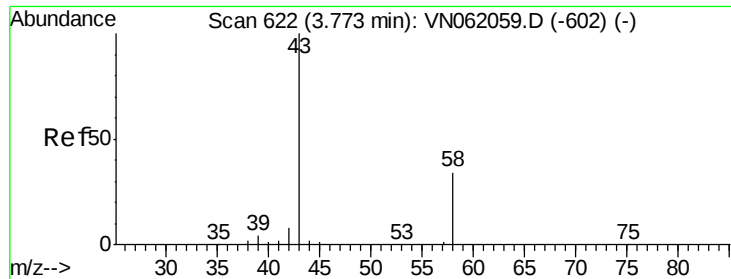
52 32.3 27.0 40.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

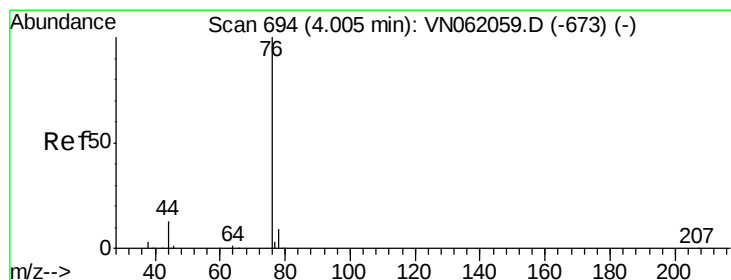
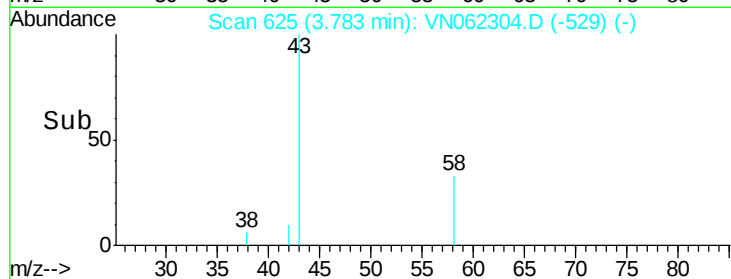
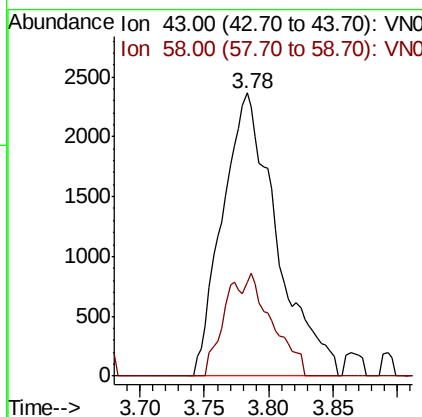
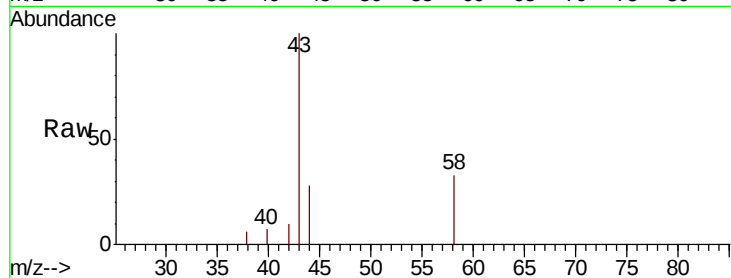




#16
 Acetone
 Concen: 4.280 ug/l
 RT: 3.78 min Scan# 625
 Delta R.T. 0.01 min
 Lab File: VN062304.D
 Acq: 1 Jul 2020 20:08

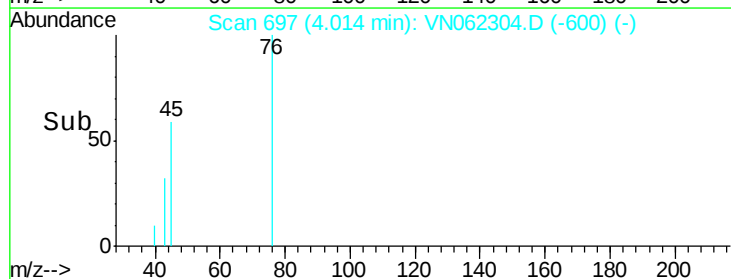
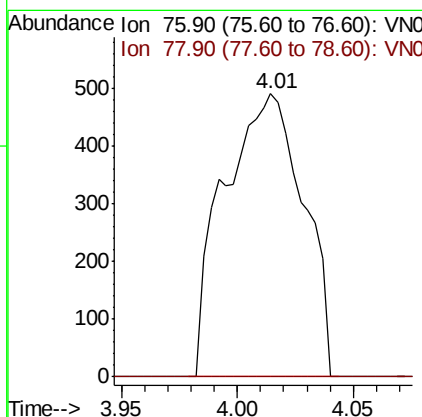
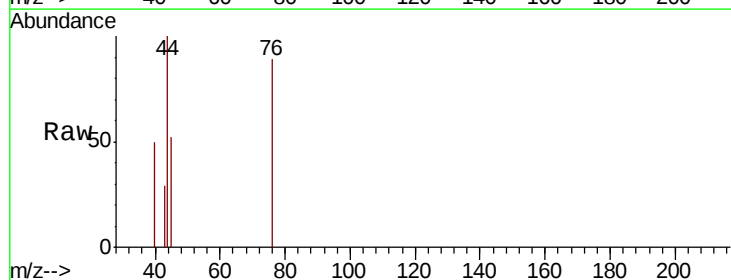
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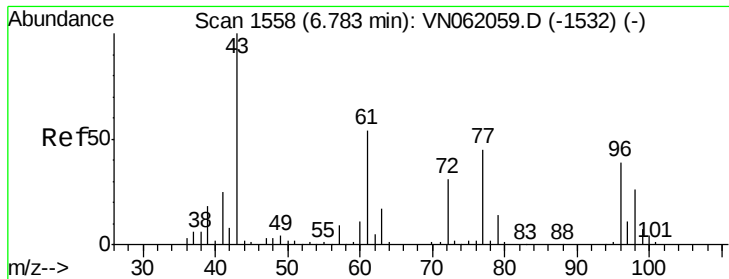
Tot Ion: 43 Resp: 6917
 Ion Ratio Lower Upper
 43 100
 58 33.1 27.5 41.3



#17
 Carbon Disulfide
 Concen: 0.237 ug/l
 RT: 4.01 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VN062304.D
 Acq: 1 Jul 2020 20:08

Tgt Ion: 76 Resp: 1166
 Ion Ratio Lower Upper
 76 100
 78 0.0 7.2 10.8#

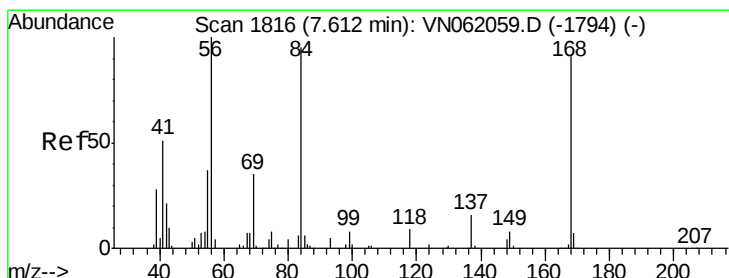
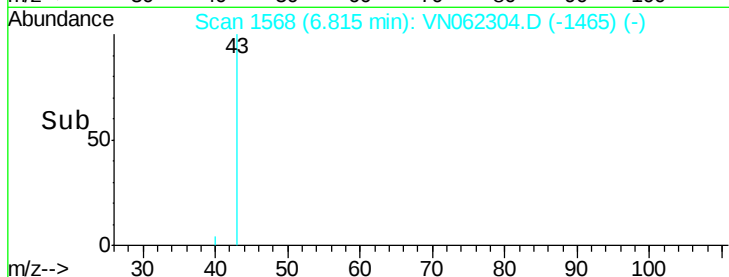
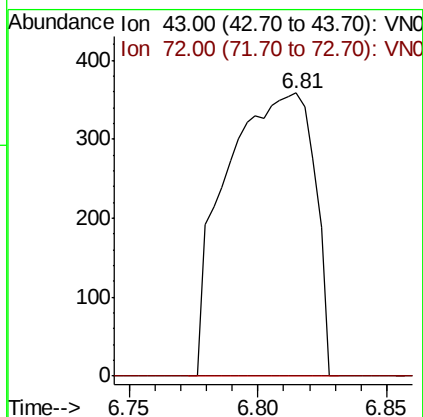
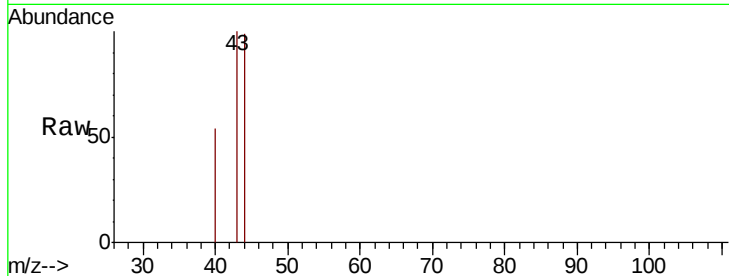




#25
2-Butanone
Concen: 0.652 ug/l
RT: 6.81 min Scan# 1568
Delta R.T. 0.03 min
Lab File: VN062304.D
Acq: 1 Jul 2020 20:08

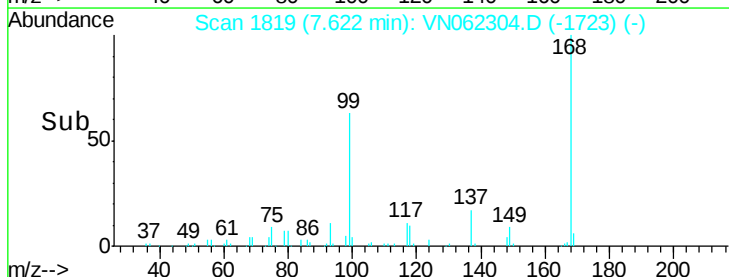
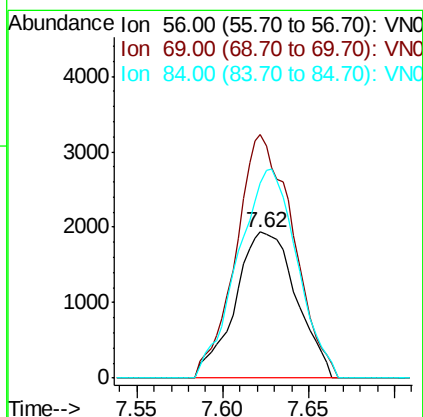
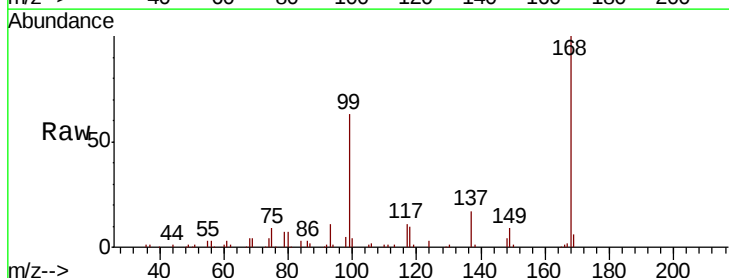
Instrument :
MSVOA_N
ClientSampleId :
CBH-POST-DEWATERING-BAG

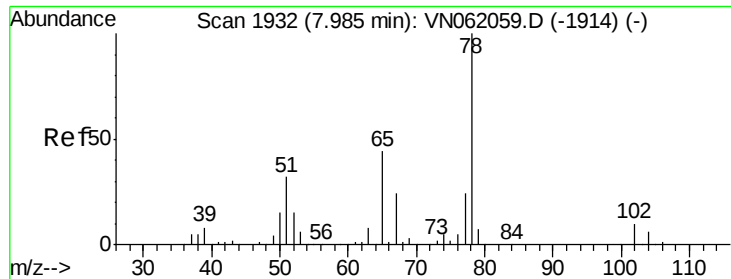
Tot Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
72 0.0 24.8 37.2#



#31
Cyclohexane
Concen: 1.294 ug/l
RT: 7.62 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VN062304.D
Acq: 1 Jul 2020 20:08

Tgt Ion: 56 Resp: 4770
Ion Ratio Lower Upper
56 100
69 167.0 28.0 42.0#
84 133.5 76.1 114.1#





#33

1,2-Dichloroethane-d4

Concen: 56.689 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062304.D

Acq: 1 Jul 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

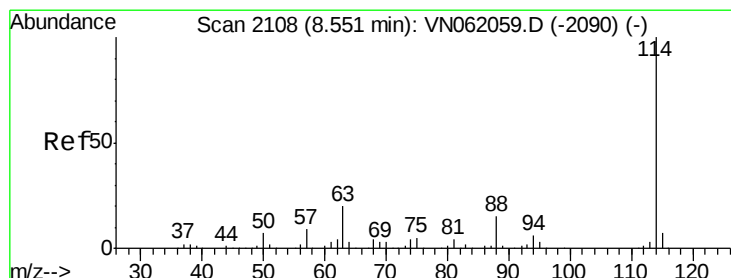
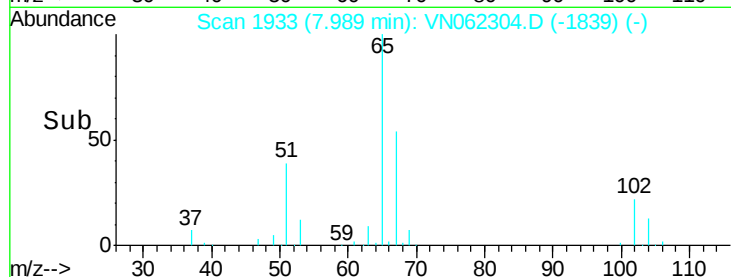
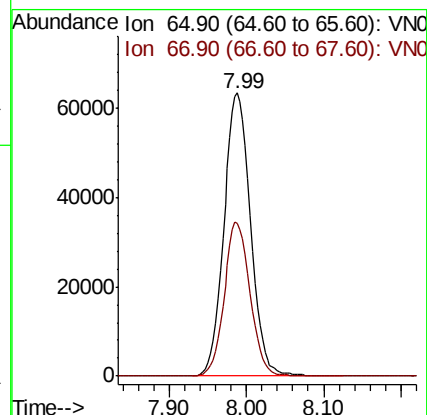
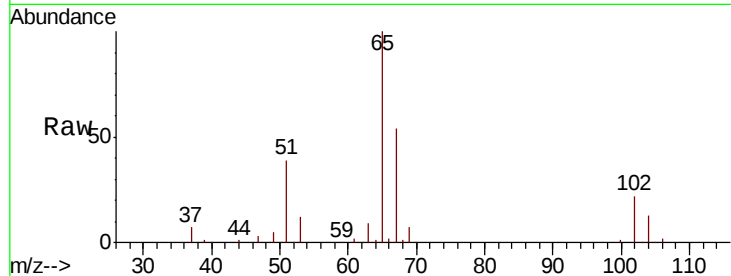
CBH-POST-DEWATERING-BAG

Tot Ion: 65 Resp: 151210

Ion Ratio Lower Upper

65 100

67 52.7 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: VN062304.D

Acq: 1 Jul 2020 20:08

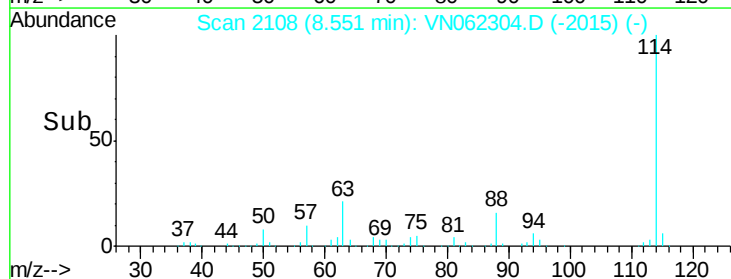
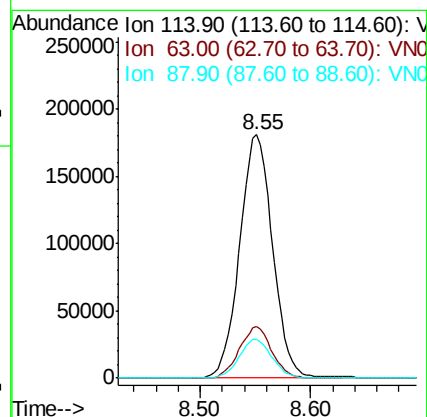
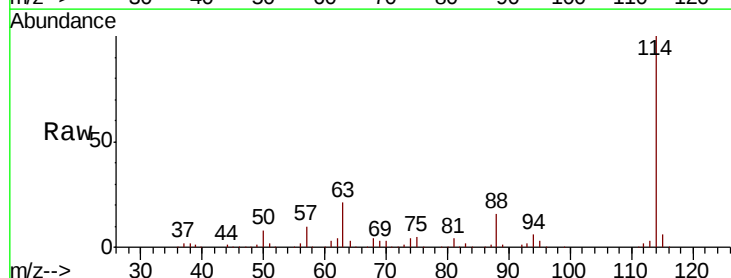
Tgt Ion: 114 Resp: 374586

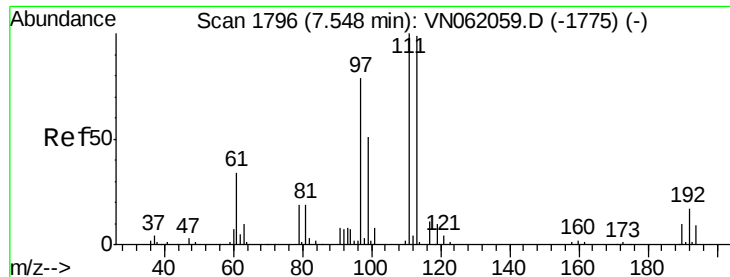
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.2

88 16.0 0.0 30.8

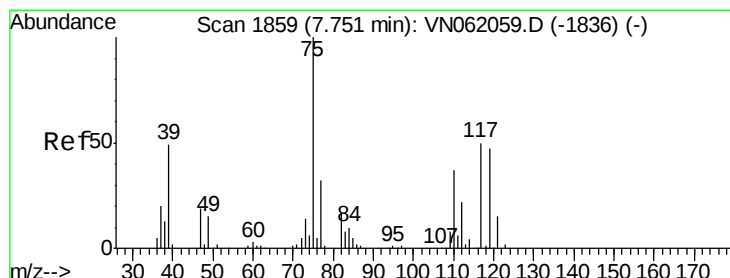
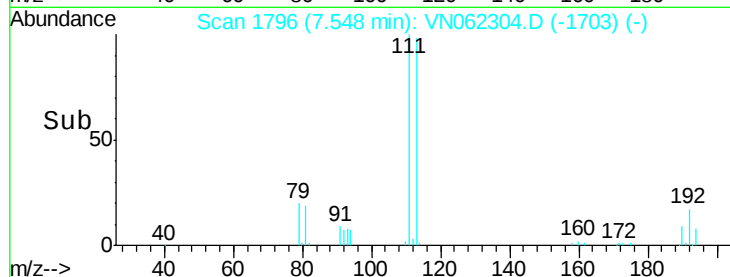
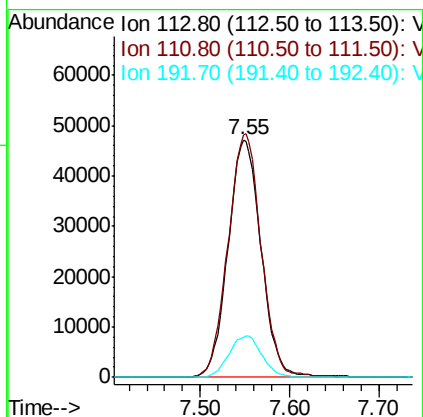
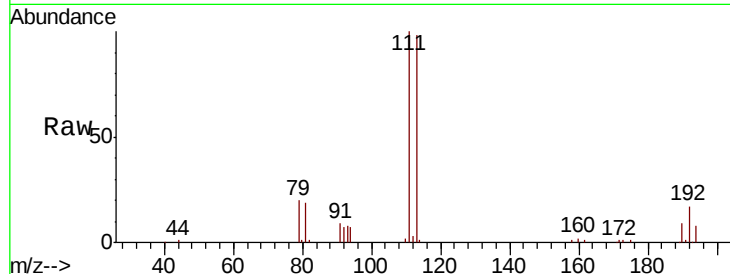




#35
 Dibromofluoromethane
 Concen: 50.182 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062304.D
 Acq: 1 Jul 2020 20:08

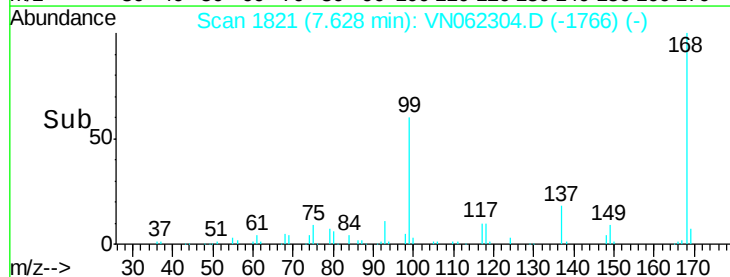
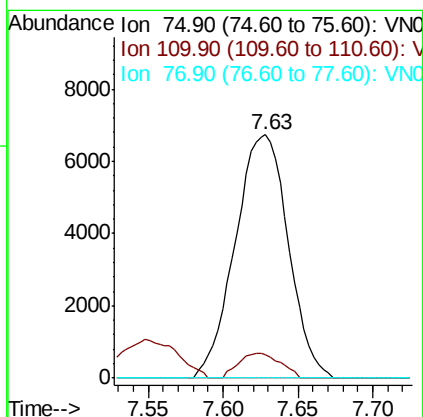
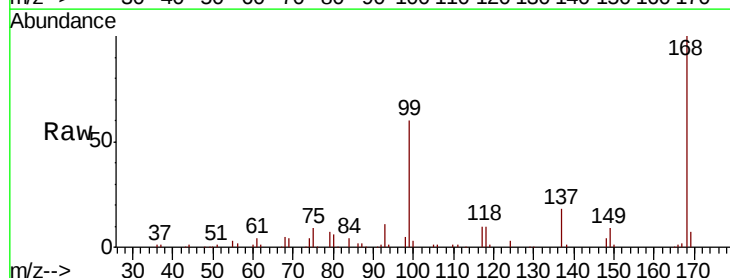
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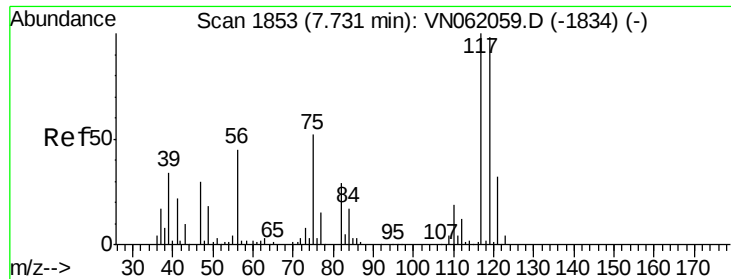
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	17.3	14.0	21.0



#36
 1,1-Dichloropropene
 Concen: 4.415 ug/l
 RT: 7.63 min Scan# 1821
 Delta R.T. -0.12 min
 Lab File: VN062304.D
 Acq: 1 Jul 2020 20:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	17.9	53.8#
77	0.0	24.9	37.3#





#38

Carbon Tetrachloride

Concen: 5.432 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.11 min

Lab File: VN062304.D

Acq: 1 Jul 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

CBH-POST-DEWATERING-BAG

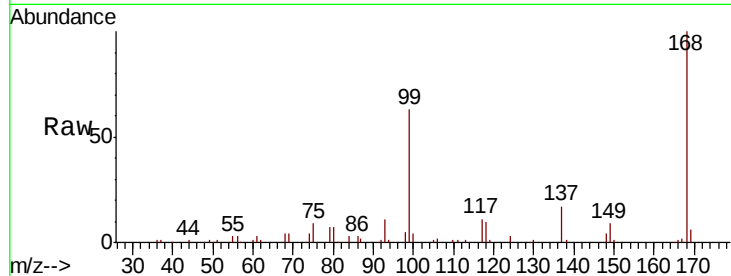
Tot Ion:117 Resp: 19282

Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

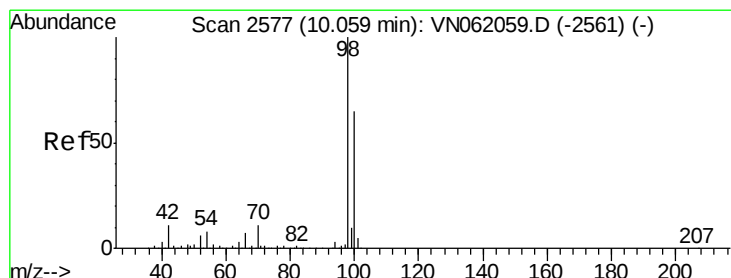
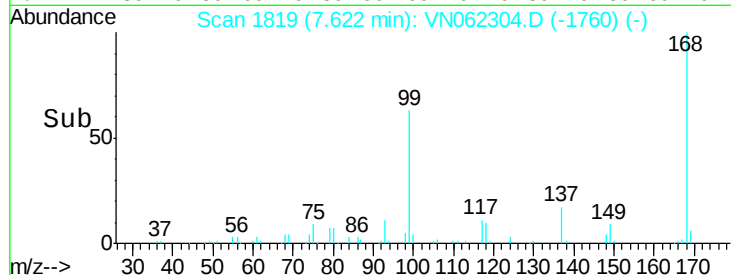
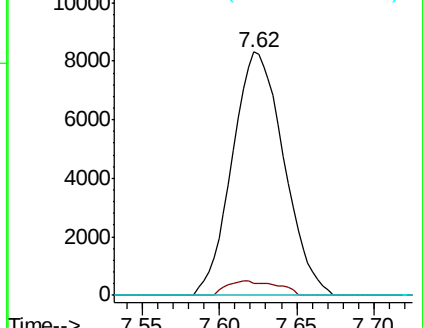
121 0.0 25.8 38.6#



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: 49.439 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062304.D

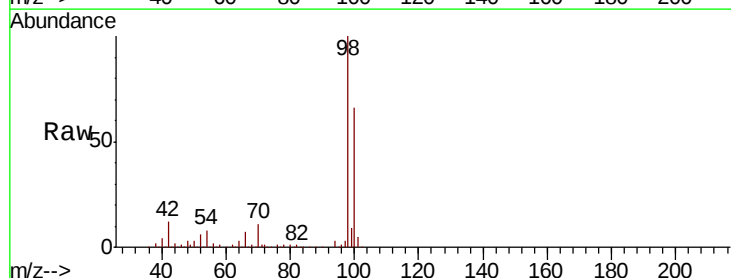
Acq: 1 Jul 2020 20:08

Tgt Ion: 98 Resp: 474923

Ion Ratio Lower Upper

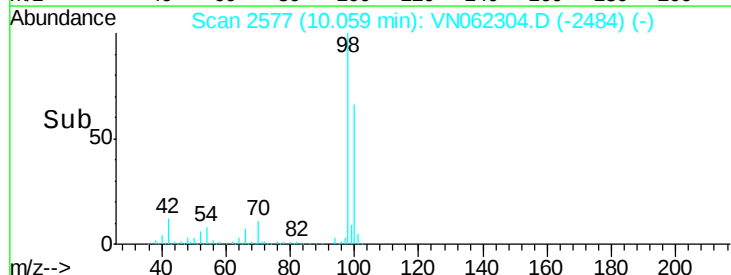
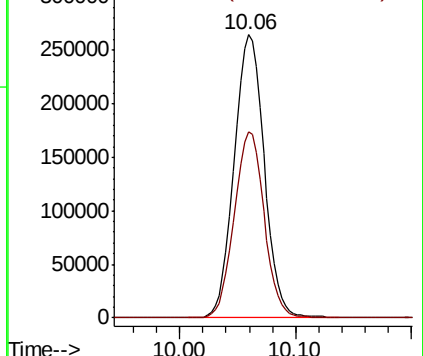
98 100

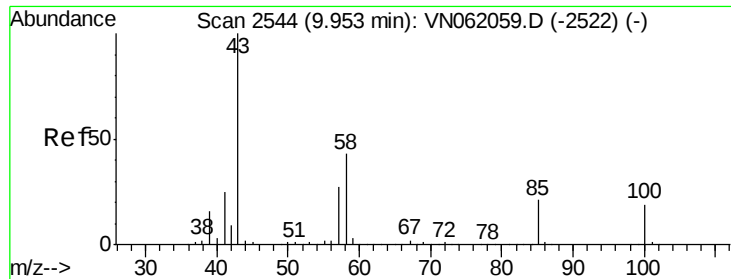
100 65.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

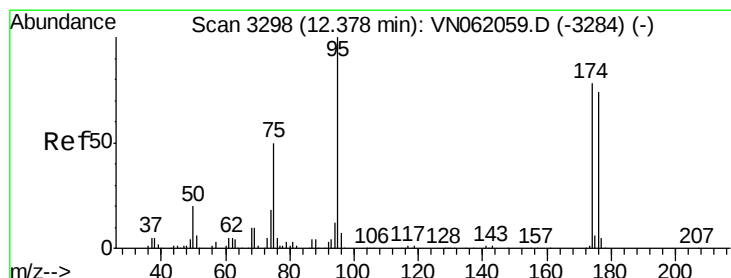
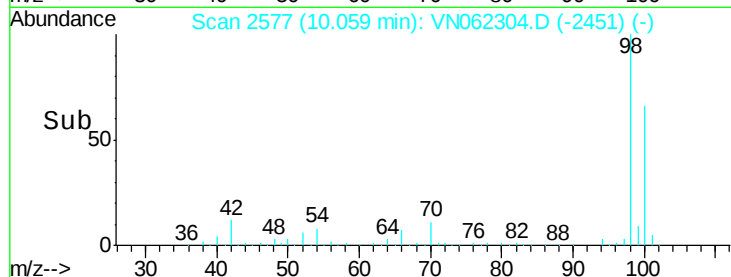
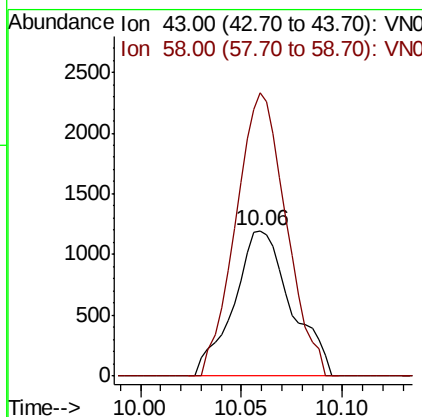
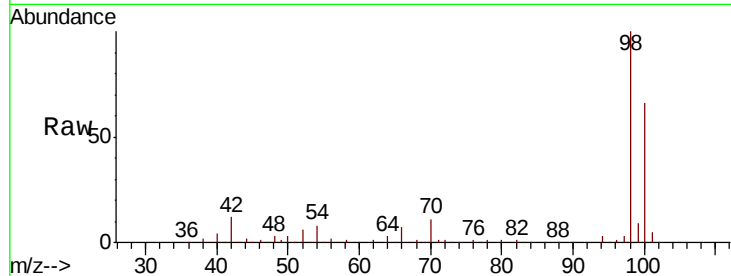




#51
4-Methyl-2-Pentanone
Concen: 0.794 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.11 min
Lab File: VN062304.D
Acq: 1 Jul 2020 20:08

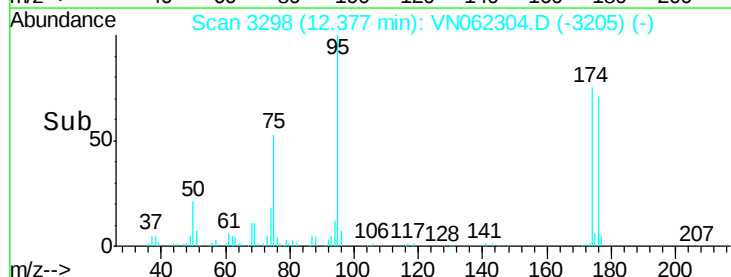
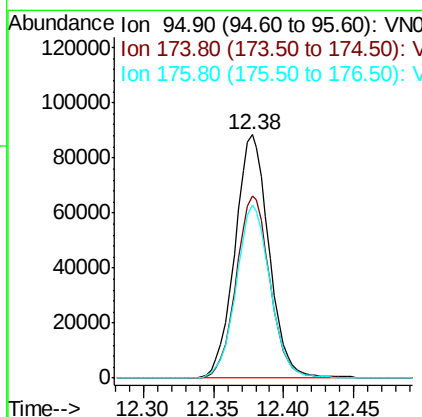
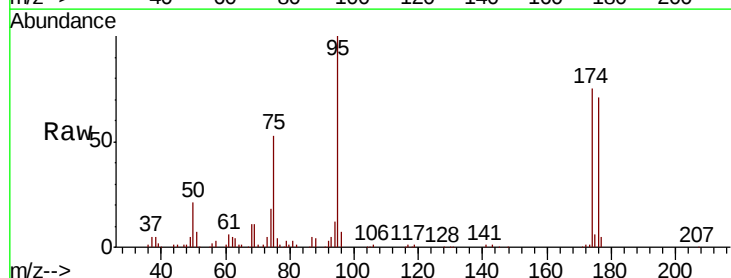
Instrument :
MSVOA_N
ClientSampleID :
CBH-POST-DEWATERING-BAG

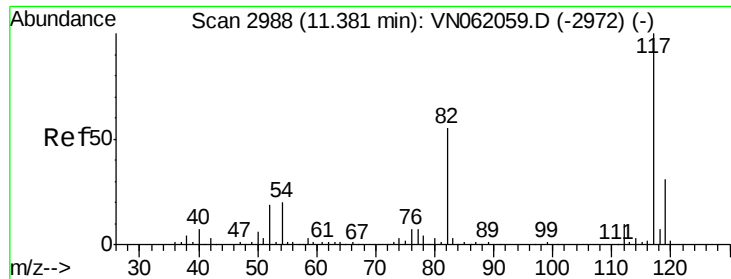
Tot Ion: 43 Resp: 2359
Ion Ratio Lower Upper
43 100
58 172.1 34.2 51.2#



#62
4-Bromofluorobenzene
Concen: 46.039 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062304.D
Acq: 1 Jul 2020 20:08

Tgt Ion: 95 Resp: 149422
Ion Ratio Lower Upper
95 100
174 74.8 0.0 154.8
176 71.3 0.0 147.4

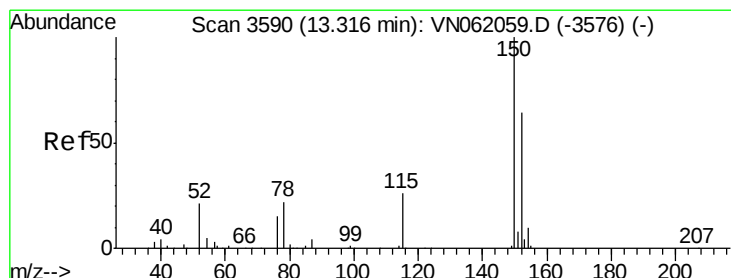
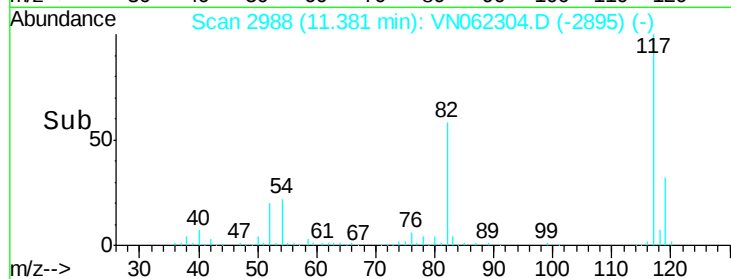
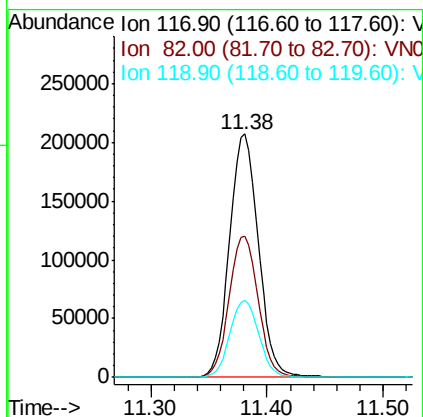
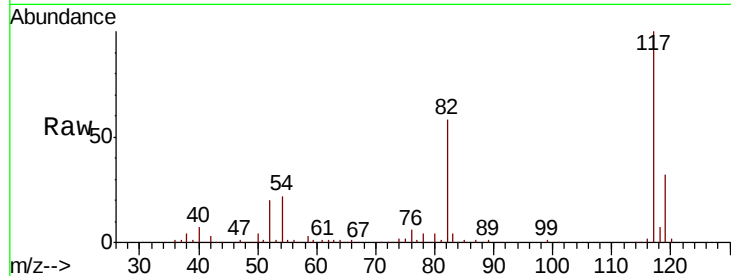




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062304.D
Acq: 1 Jul 2020 20:08

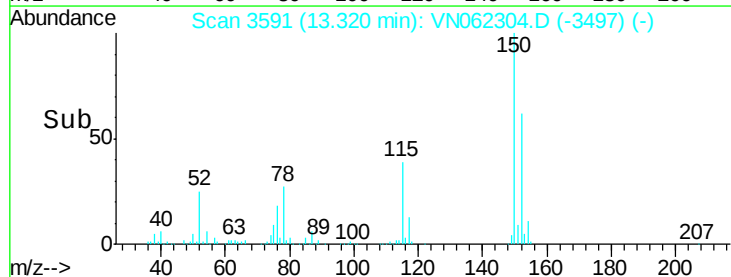
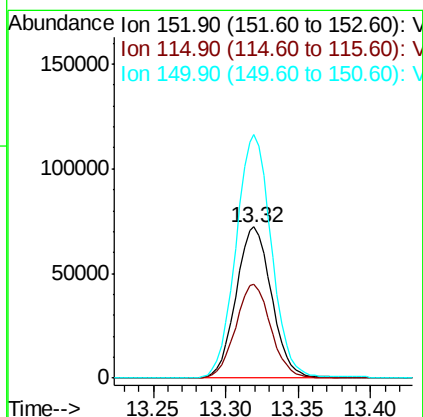
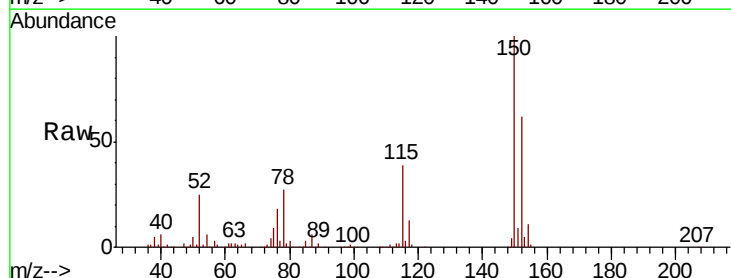
Instrument :
MSVOA_N
ClientSampleId :
CBH-POST-DEWATERING-BAG

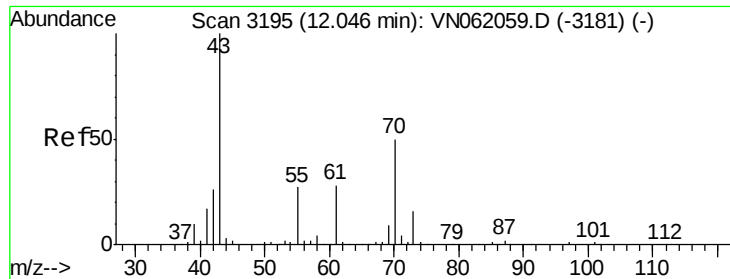
Tot Ion:117 Resp: 357008
Ion Ratio Lower Upper
117 100
82 58.1 43.8 65.8
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062304.D
Acq: 1 Jul 2020 20:08

Tgt Ion:152 Resp: 123706
Ion Ratio Lower Upper
152 100
115 61.6 29.5 88.5
150 160.3 0.0 351.4





#74

N-amyl acetate

Concen: 3.373 ug/l

RT: 11.96 min Scan# 3168

Delta R.T. -0.09 min

Lab File: VN062304.D

Acq: 1 Jul 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

CBH-POST-DEWATERING-BAG

Tot Ion: 43 Resp: 112

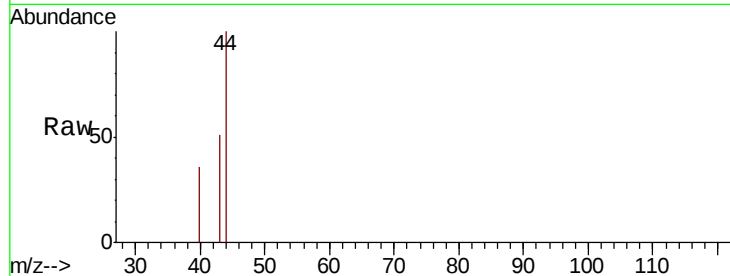
Ion Ratio Lower Upper

43 100

70 0.0 39.4 59.2#

55 0.0 21.7 32.5#

61 0.0 21.3 31.9#

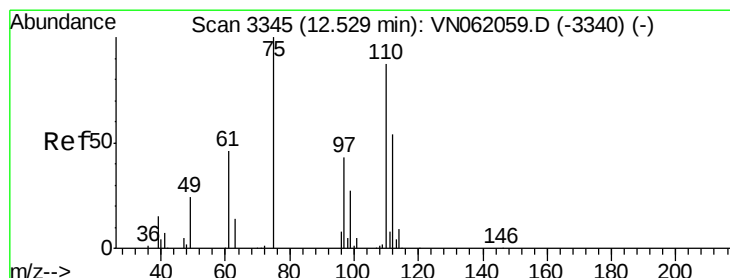
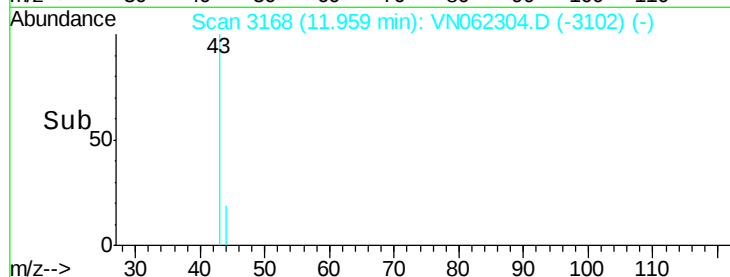
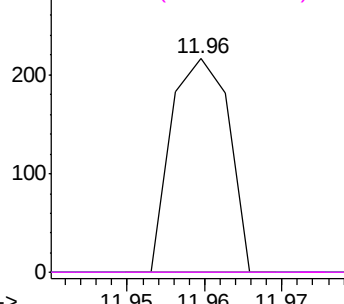


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#76

1,2,3-Trichloropropane

Concen: 26.818 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.15 min

Lab File: VN062304.D

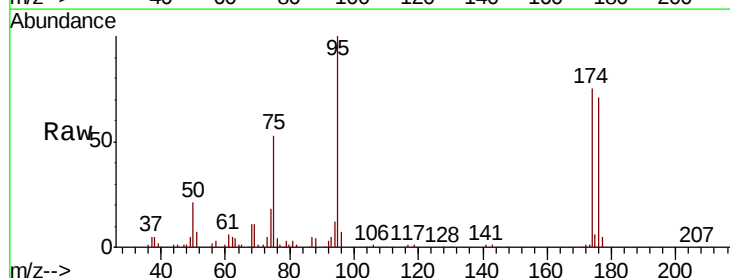
Acq: 1 Jul 2020 20:08

Tgt Ion: 75 Resp: 78097

Ion Ratio Lower Upper

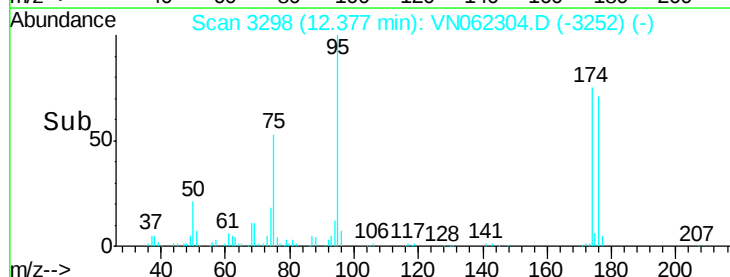
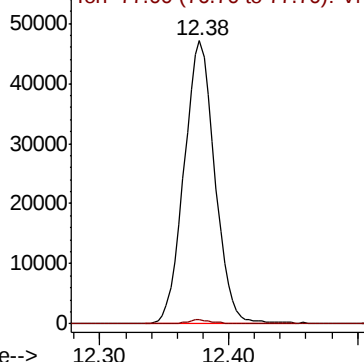
75 100

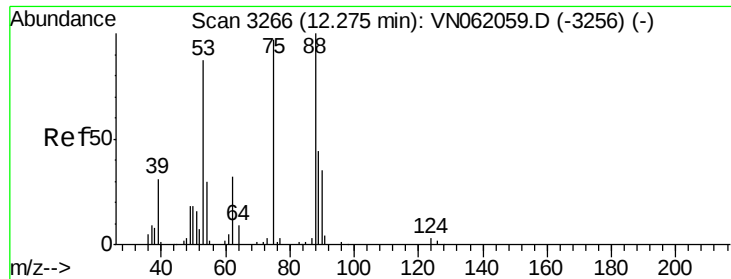
77 1.2 0.0 0.0#



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: 78.318 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062304.D

Acq: 1 Jul 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

CBH-POST-DEWATERING-BAG

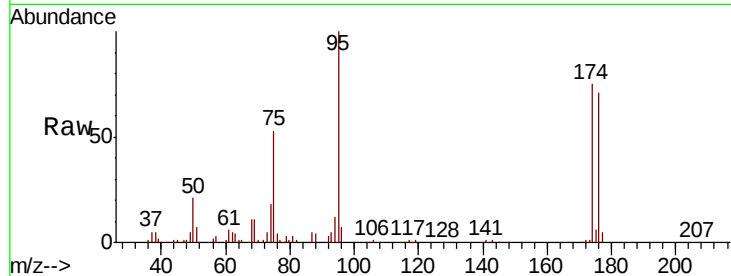
Tot Ion: 75 Resp: 78097

Ion Ratio Lower Upper

75 100

53 0.0 72.0 108.0#

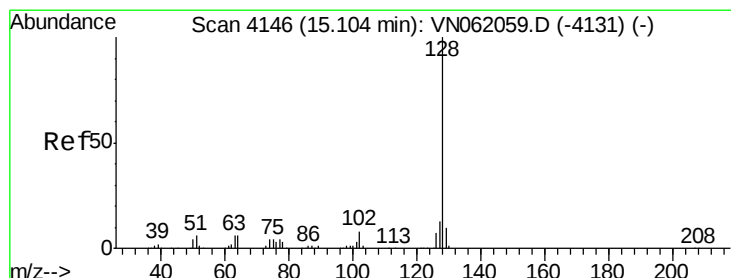
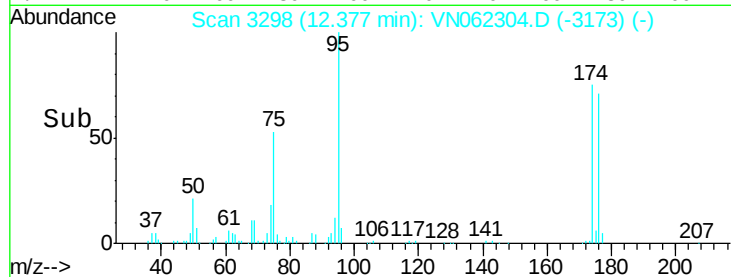
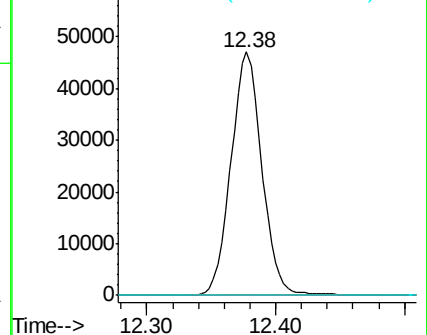
89 0.0 36.9 55.3#



Abundance Ion 74.90 (74.60 to 75.60): VN062304.D (-3173) (-)

Ion 53.00 (52.70 to 53.70): VN062304.D (-3173) (-)

Ion 88.90 (88.60 to 89.60): VN062304.D (-3173) (-)



#95

Naphthalene

Concen: 4.020 ug/l

RT: 15.11 min Scan# 4149

Delta R.T. 0.01 min

Lab File: VN062304.D

Acq: 1 Jul 2020 20:08

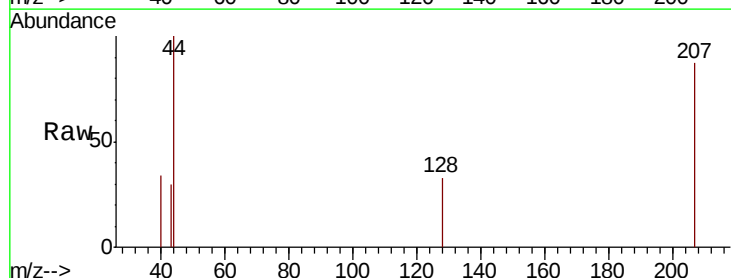
Tgt Ion: 128 Resp: 159

Ion Ratio Lower Upper

128 100

127 0.0 10.5 15.7#

129 0.0 8.6 13.0#



Abundance Ion 128.00 (127.70 to 128.70): VN062304.D (-4053) (-)

Ion 127.00 (126.70 to 127.70): VN062304.D (-4053) (-)

Ion 129.00 (128.70 to 129.70): VN062304.D (-4053) (-)

