

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100720\
 Data File : VN063939.D
 Acq On : 7 Oct 2020 13:20
 Operator : JC/MD
 Sample : L4253-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Oct 08 05:00:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	227889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	430496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174047	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	201775	53.59	ug/l	0.00
Spiked Amount			Recovery	=	107.18%	
35) Dibromofluoromethane	7.55	113	143559	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
50) Toluene-d8	10.06	98	534589	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.38	95	201890	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	

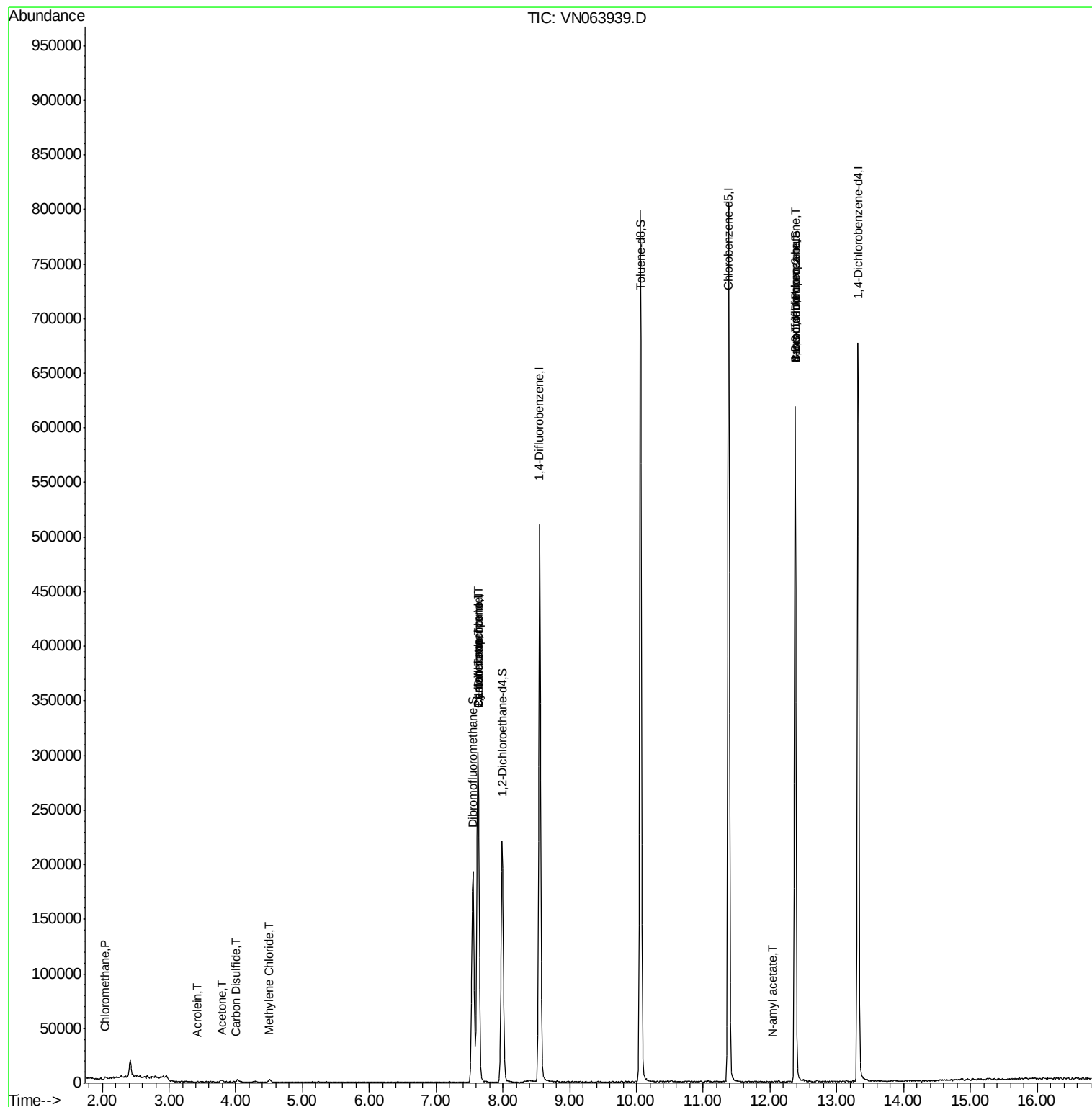
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	2180	0.773	ug/l	95
13) Acrolein	3.43	56	64	0.251	ug/l #	14
16) Acetone	3.79	43	3770	3.253	ug/l #	82
17) Carbon Disulfide	4.00	76	256	0.741	ug/l #	76
20) Methylene Chloride	4.50	84	817	0.405	ug/l #	72
31) Cyclohexane	7.63	56	6224	1.424	ug/l #	31
36) 1,1-Dichloropropene	7.63	75	21217	5.063	ug/l #	47
38) Carbon Tetrachloride	7.62	117	24337	5.179	ug/l #	16
71) Bromoform	12.38	173	1521	0.587	ug/l #	1
74) N-amyl acetate	12.04	43	391	2.279	ug/l #	46
76) 1,2,3-Trichloropropane	12.38	75	116207	30.288	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	116207	87.235	ug/l #	6

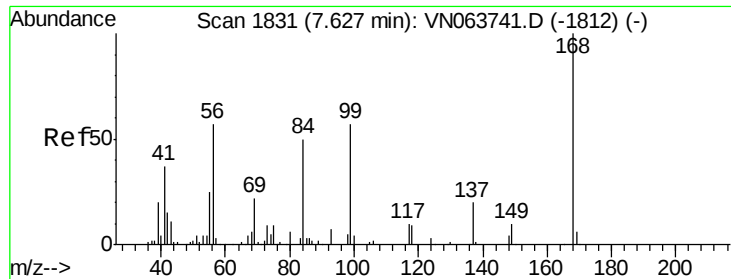
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1831

Delta R.T. 0.00 min

Lab File: VN063939.D

Acq: 7 Oct 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

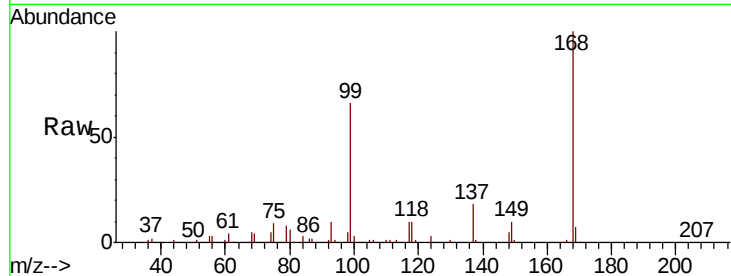
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 227889

Ion Ratio Lower Upper

168 100

99 65.6 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

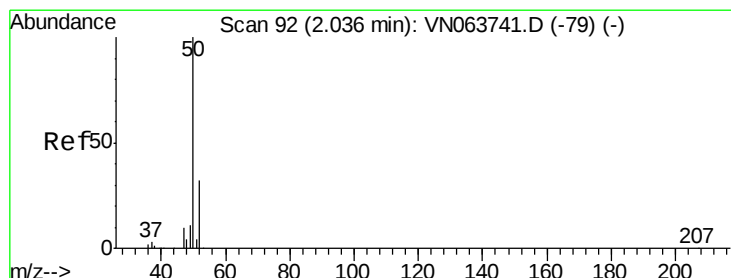
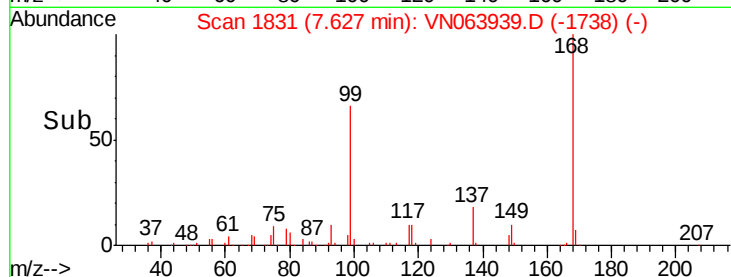
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 0.773 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063939.D

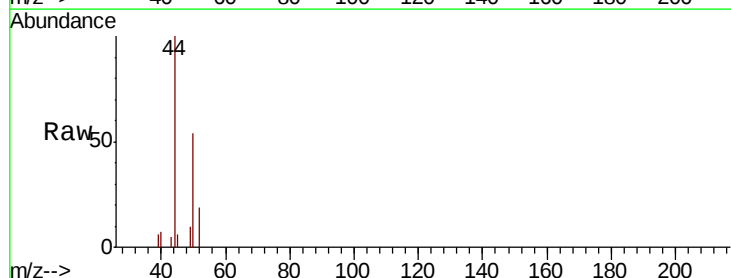
Acq: 7 Oct 2020 13:20

Tgt Ion: 50 Resp: 2180

Ion Ratio Lower Upper

50 100

52 35.0 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

2.04

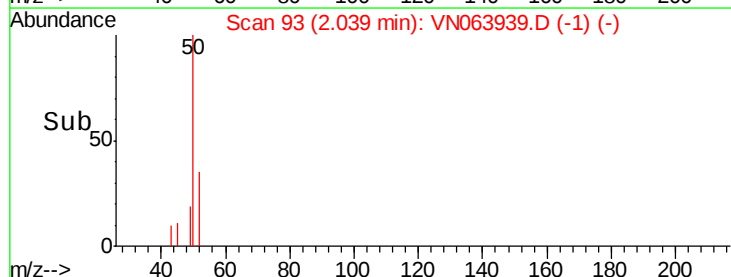
1500

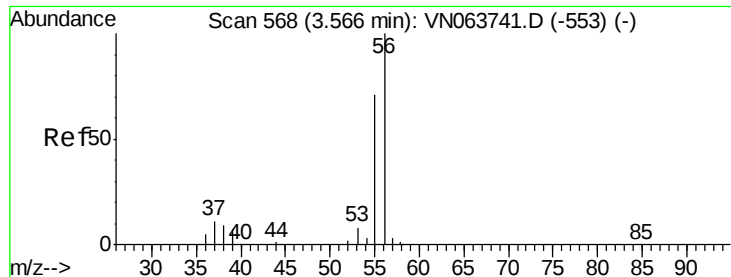
1000

500

0

Time--> 2.00 2.02 2.04 2.06 2.08





#13

Acrolein

Concen: 0.251 ug/l

RT: 3.43 min Scan# 527

Delta R.T. -0.13 min

Lab File: VN063939.D

Acq: 7 Oct 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

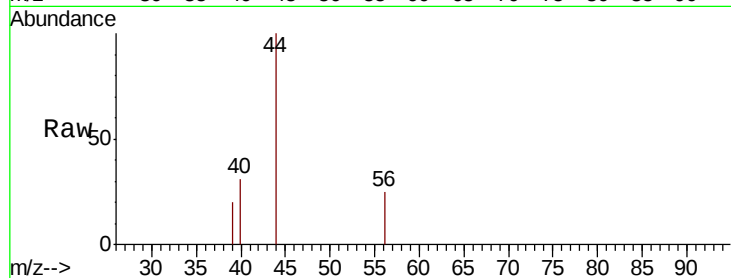
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 56 Resp: 64

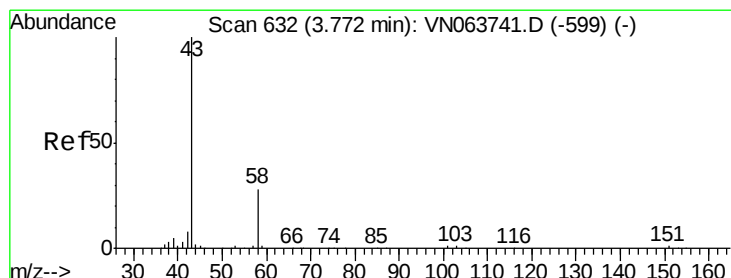
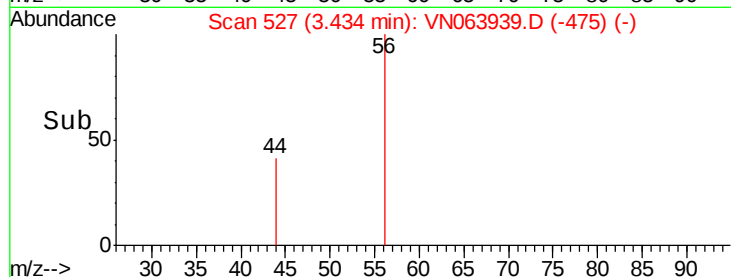
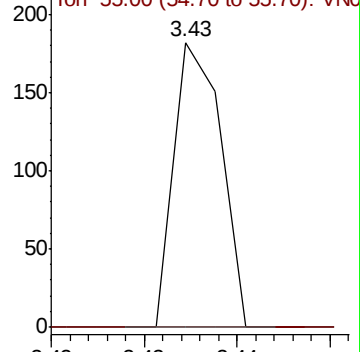
Ion Ratio Lower Upper

56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VN063939.D (-553) (-)



#16

Acetone

Concen: 3.253 ug/l

RT: 3.79 min Scan# 638

Delta R.T. 0.02 min

Lab File: VN063939.D

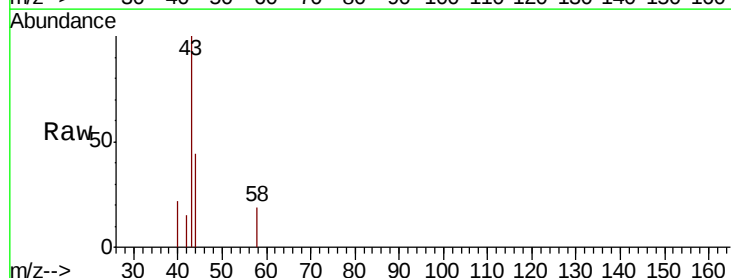
Acq: 7 Oct 2020 13:20

Tgt Ion: 43 Resp: 3770

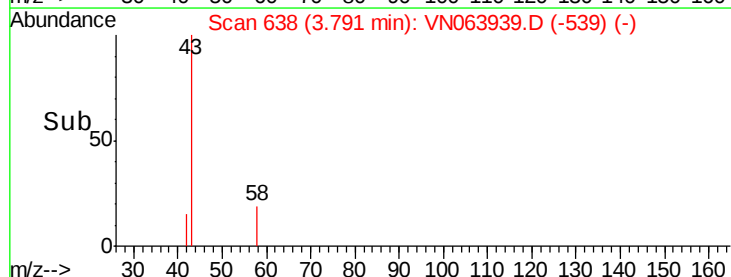
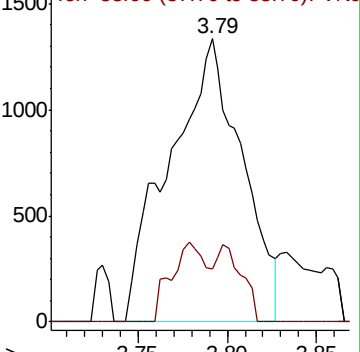
Ion Ratio Lower Upper

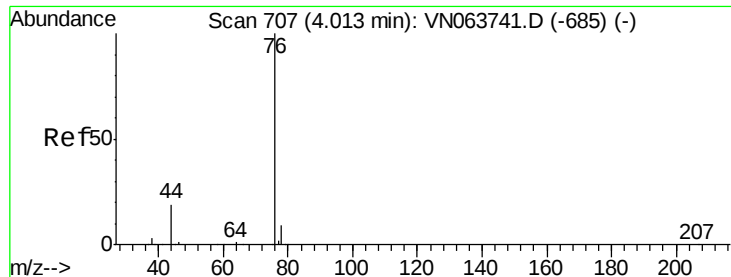
43 100

58 18.5 22.3 33.5#



Abundance Ion 43.00 (42.70 to 43.70): VN063939.D (-599) (-)

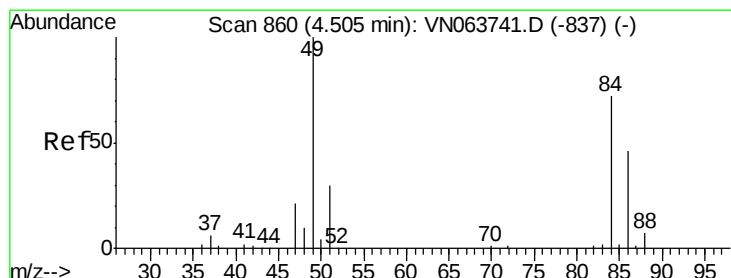
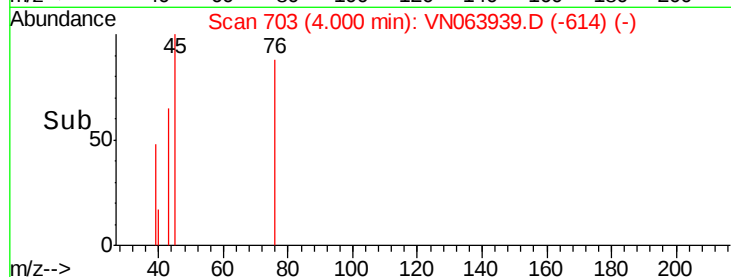
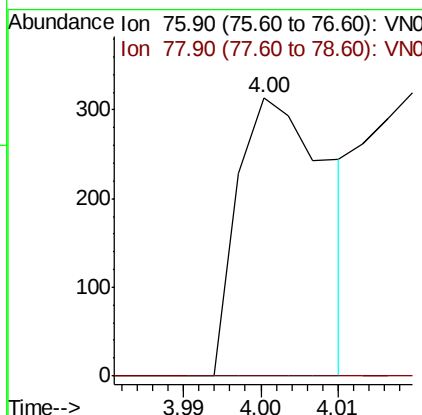
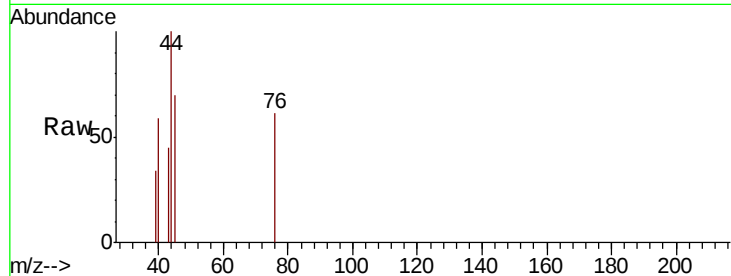




#17
Carbon Disulfide
Concen: 0.741 ug/l
RT: 4.00 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN063939.D
Acq: 7 Oct 2020 13:20

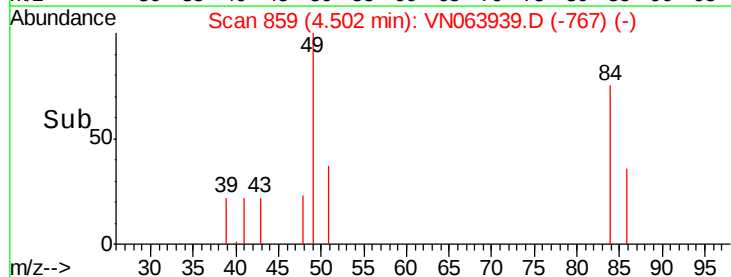
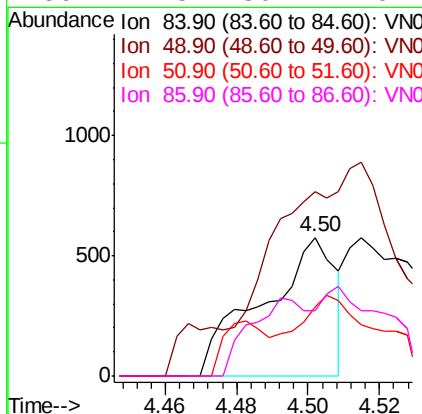
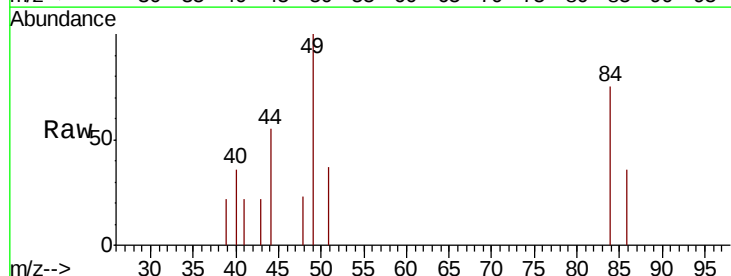
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

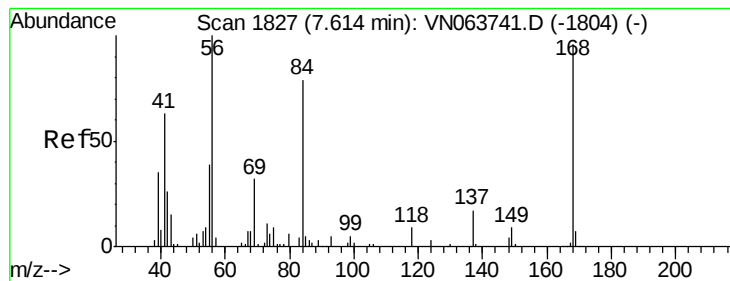
Tot Ion: 76 Resp: 256
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 0.405 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063939.D
Acq: 7 Oct 2020 13:20

Tgt Ion: 84 Resp: 817
Ion Ratio Lower Upper
84 100
49 95.0 110.4 165.6#
51 49.6 33.3 49.9
86 47.5 50.7 76.1#





#31

Cyclohexane

Concen: 1.424 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.01 min

Lab File: VN063939.D

Acq: 7 Oct 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

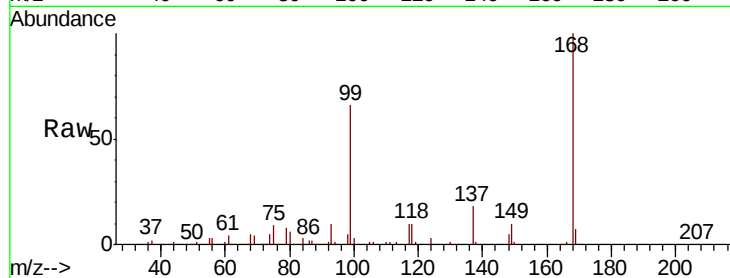
Tot Ion: 56 Resp: 6224

Ion Ratio Lower Upper

56 100

69 148.7 25.4 38.2#

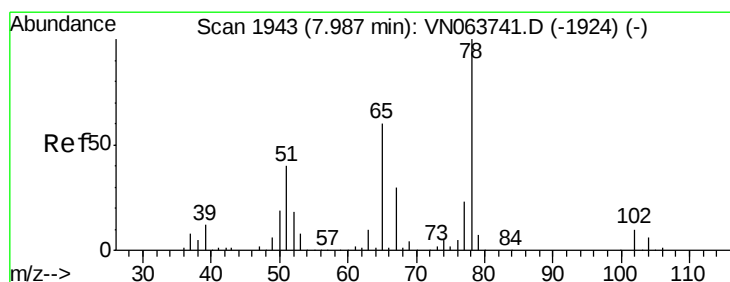
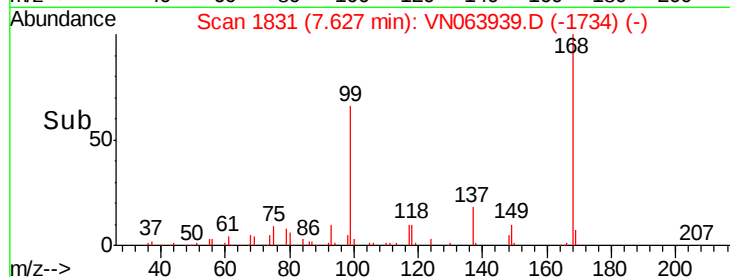
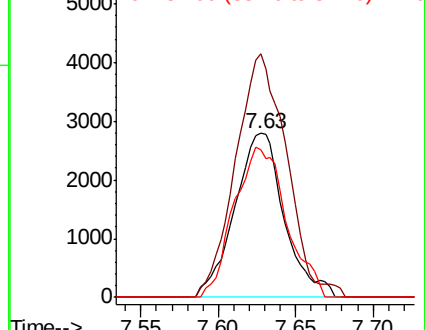
84 89.8 63.3 94.9



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: 53.594 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063939.D

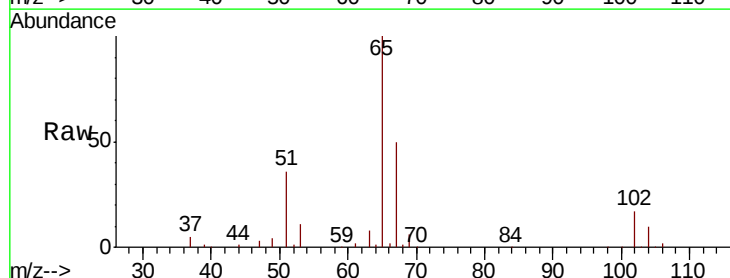
Acq: 7 Oct 2020 13:20

Tgt Ion: 65 Resp: 201775

Ion Ratio Lower Upper

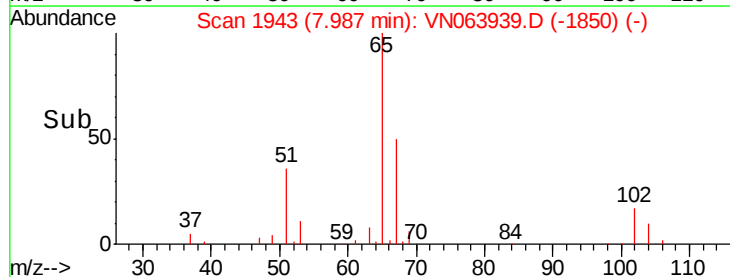
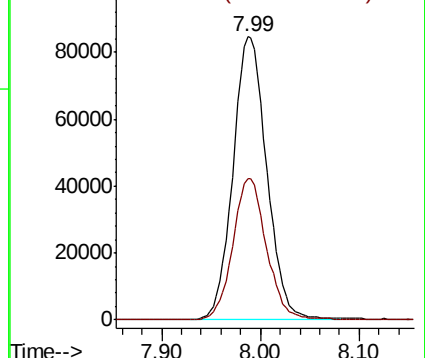
65 100

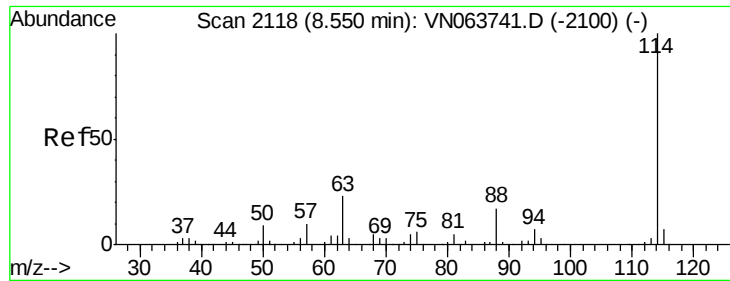
67 49.9 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

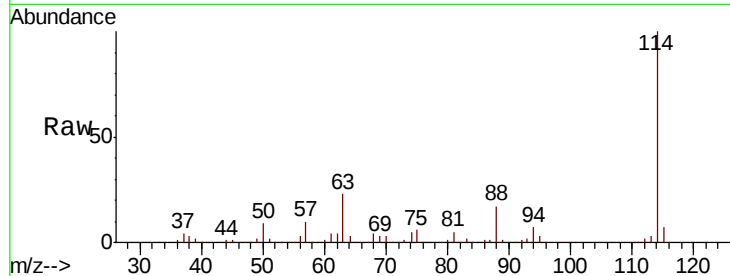




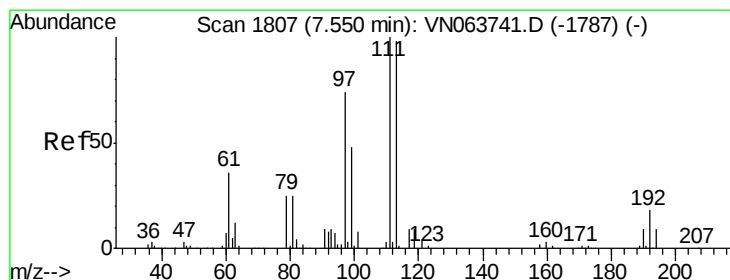
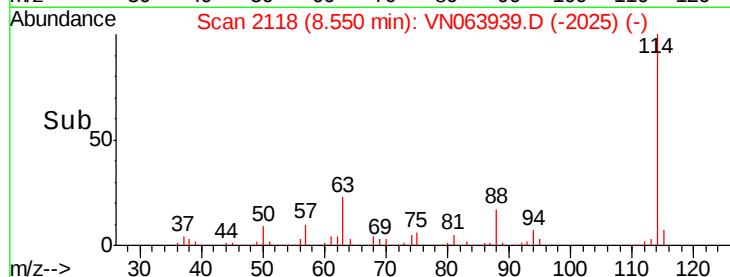
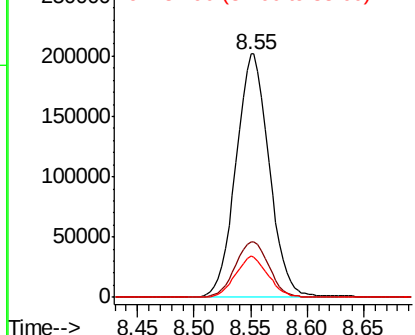
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063939.D
 Acq: 7 Oct 2020 13:20

Instrument :
 MSVOA_N
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 STORAGE-BLANK-SAMPLE-MANA

Tot Ion:114 Resp: 413624
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 16.9 0.0 34.0

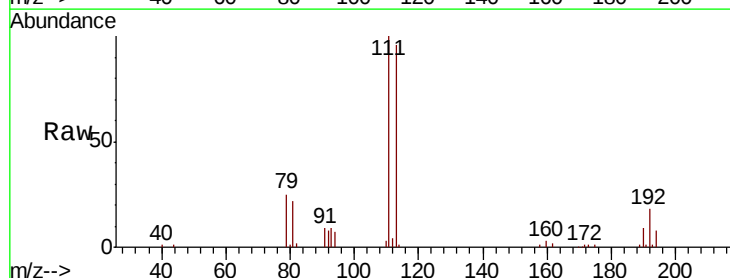


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

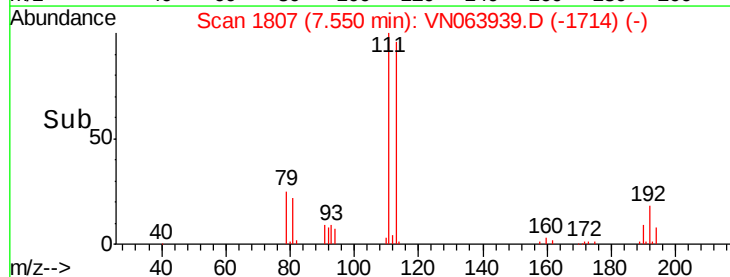
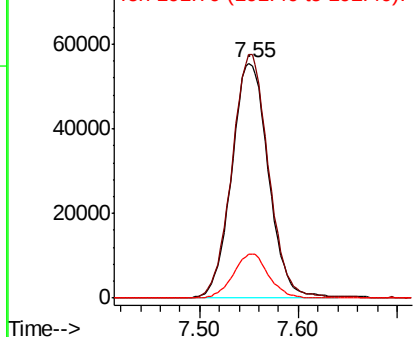


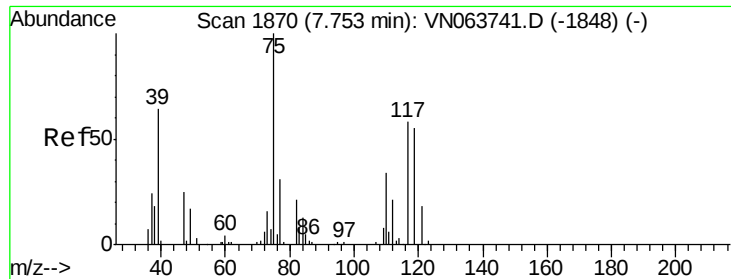
#35
 Dibromofluoromethane
 Concen: 50.020 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063939.D
 Acq: 7 Oct 2020 13:20

Tgt Ion:113 Resp: 143559
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.8
 192 18.1 14.2 21.2



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

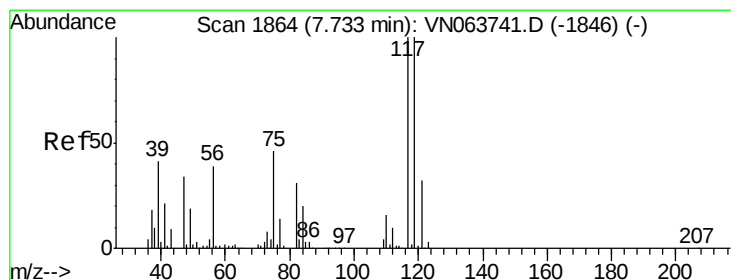
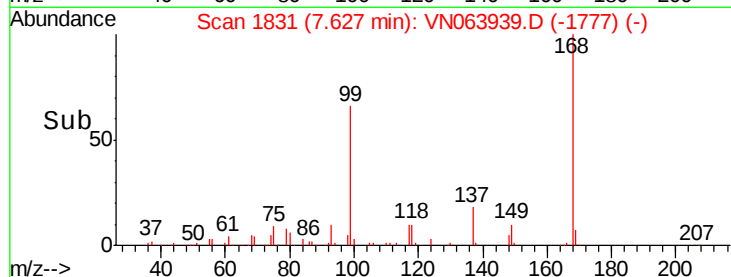
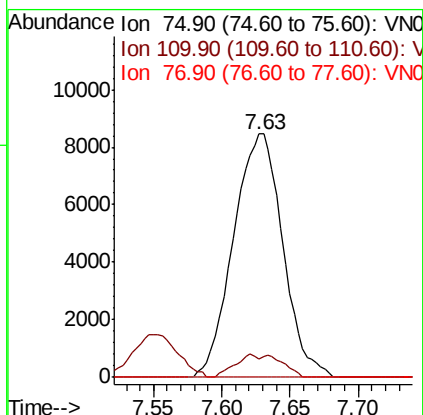
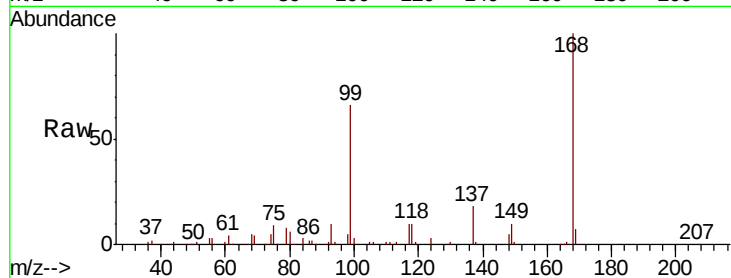




#36
 1,1-Dichloropropene
 Concen: 5.063 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN063939.D
 Acq: 7 Oct 2020 13:20

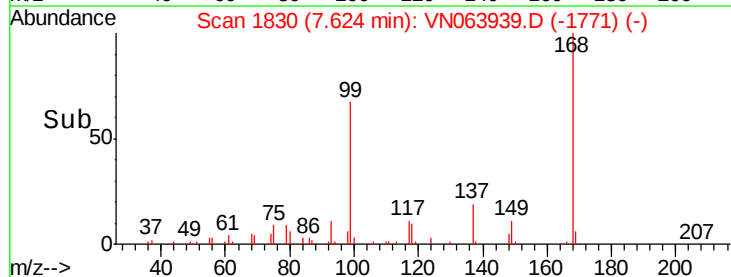
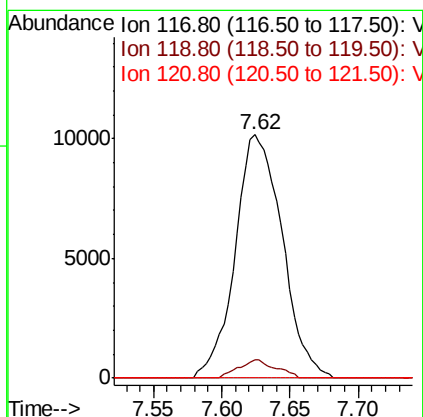
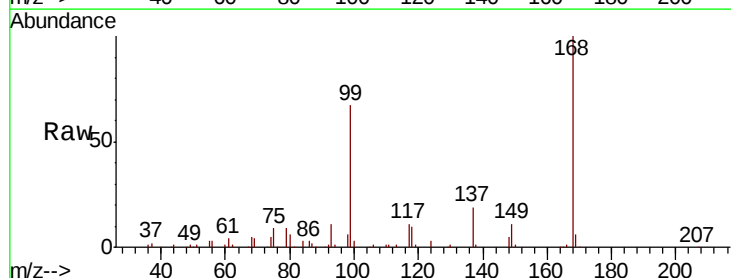
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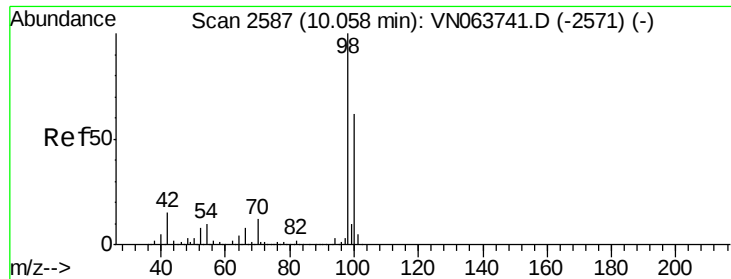
Tot Ion: 75 Resp: 21217
 Ion Ratio Lower Upper
 75 100
 110 4.6 16.9 50.6#
 77 0.0 24.5 36.7#



#38
 Carbon Tetrachloride
 Concen: 5.179 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.11 min
 Lab File: VN063939.D
 Acq: 7 Oct 2020 13:20

Tgt Ion: 117 Resp: 24337
 Ion Ratio Lower Upper
 117 100
 119 7.4 80.1 120.1#
 121 0.0 25.7 38.5#





#50

Toluene-d8

Concen: 49.135 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063939.D

Acq: 7 Oct 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

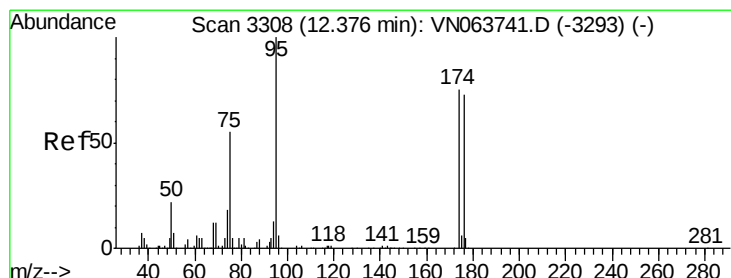
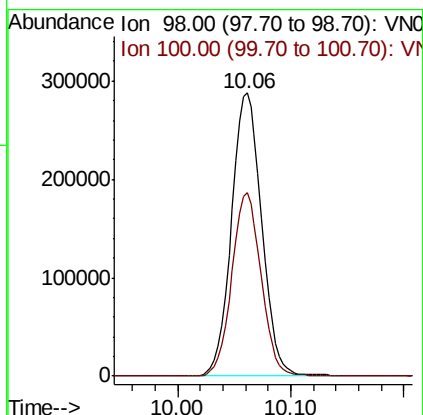
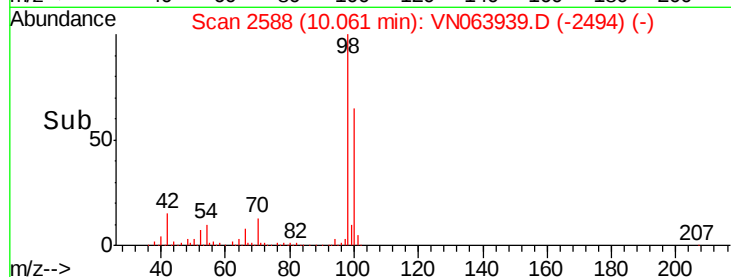
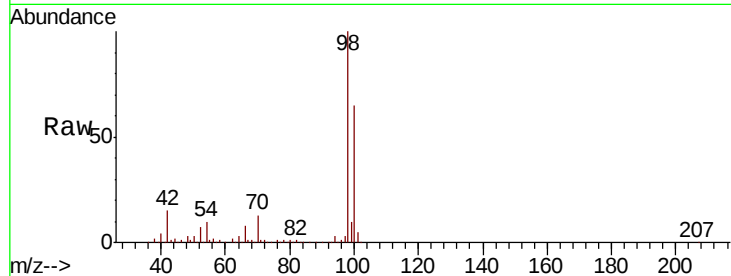
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 534589

Ion Ratio Lower Upper

98 100

100 63.0 49.8 74.6



#62

4-Bromofluorobenzene

Concen: 49.363 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063939.D

Acq: 7 Oct 2020 13:20

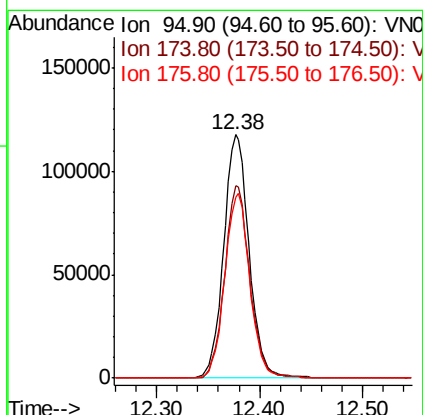
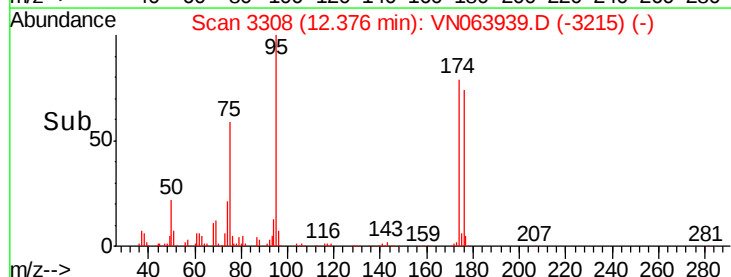
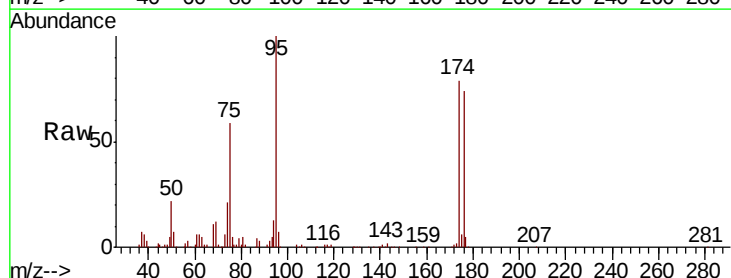
Tgt Ion: 95 Resp: 201890

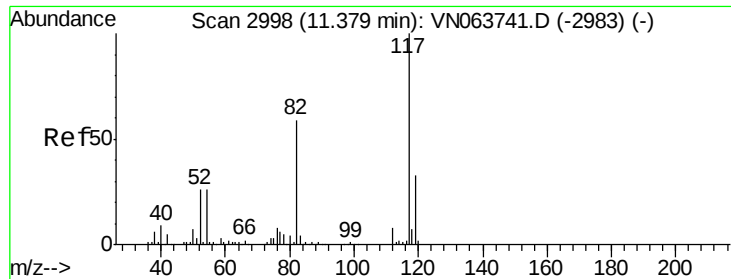
Ion Ratio Lower Upper

95 100

174 78.2 0.0 150.6

176 74.8 0.0 145.4

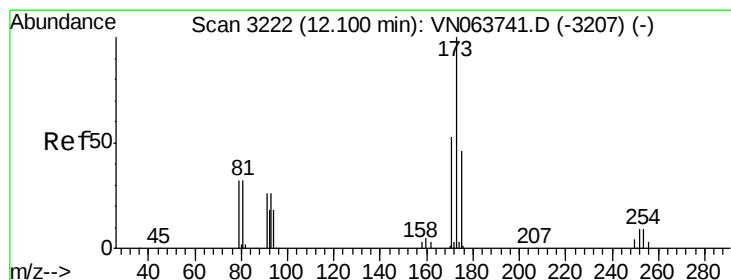
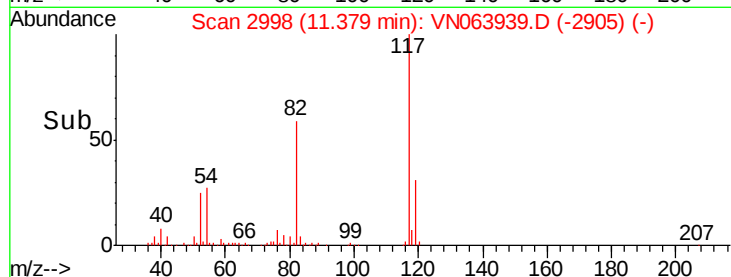
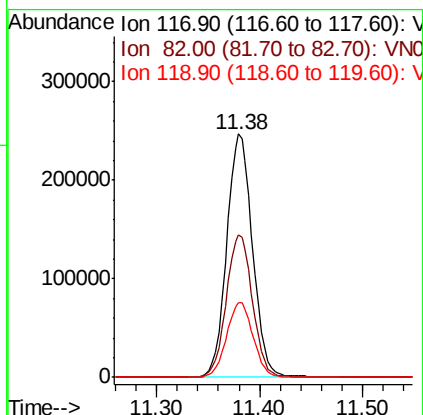
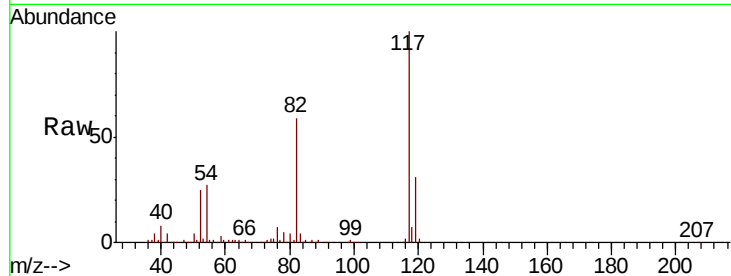




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063939.D
Acq: 7 Oct 2020 13:20

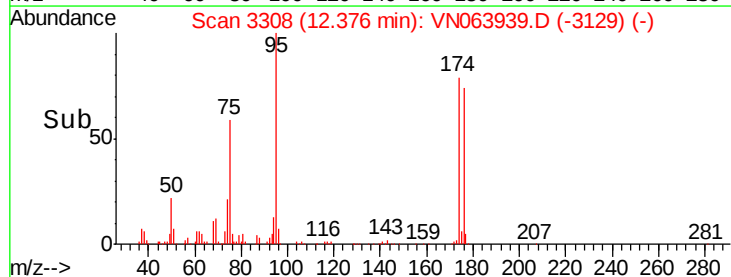
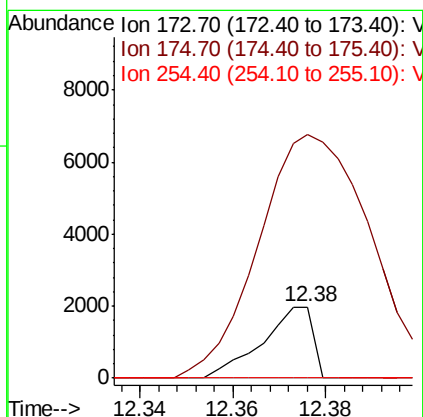
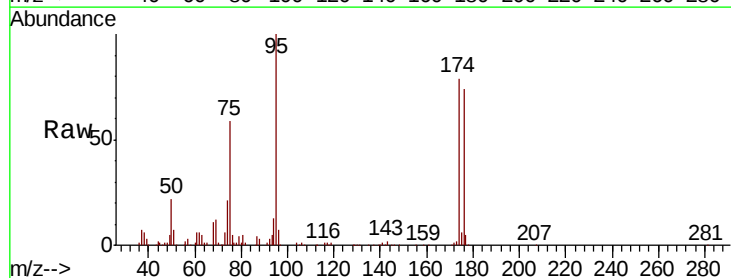
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

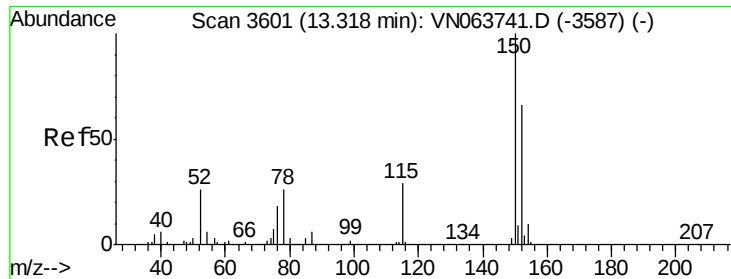
Tot Ion:117 Resp: 430496
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.2
119 30.8 26.4 39.6



#71
Bromoform
Concen: 0.587 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.28 min
Lab File: VN063939.D
Acq: 7 Oct 2020 13:20

Tgt Ion:173 Resp: 1521
Ion Ratio Lower Upper
173 100
175 602.0 23.5 70.5#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063939.D

Acq: 7 Oct 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

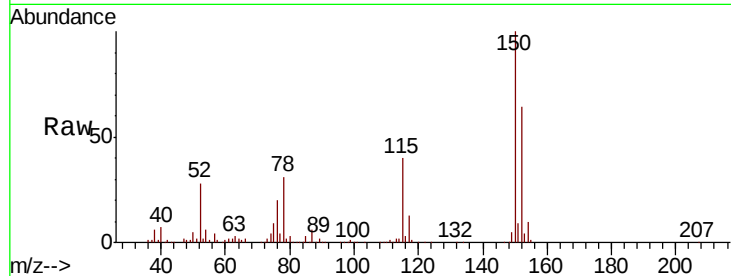
Tot Ion:152 Resp: 174047

Ion Ratio Lower Upper

152 100

115 61.2 31.3 93.8

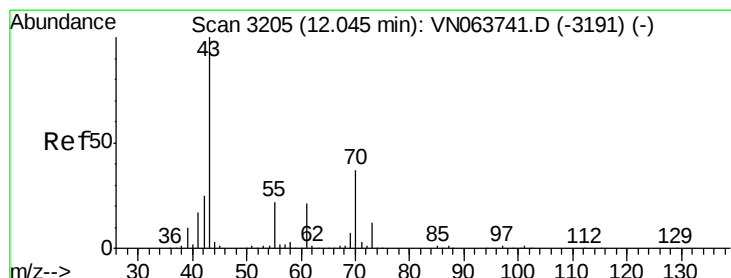
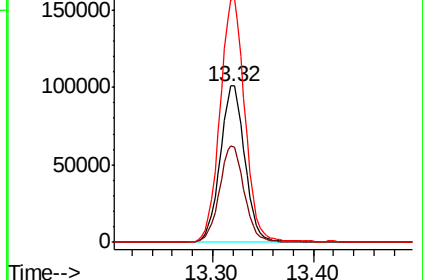
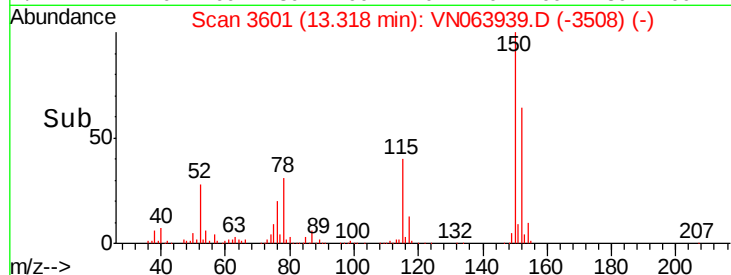
150 155.5 0.0 341.8



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



#74

N-ethyl acetate

Concen: 2.279 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN063939.D

Acq: 7 Oct 2020 13:20

Tgt Ion: 43 Resp: 391

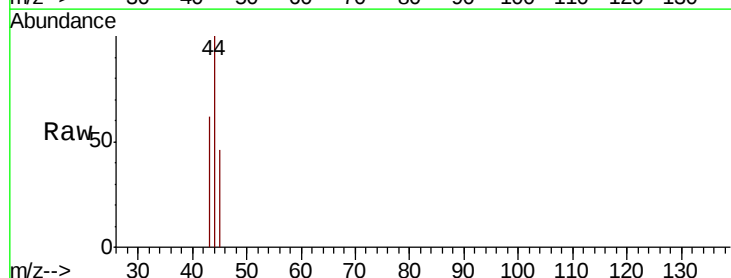
Ion Ratio Lower Upper

43 100

70 0.0 29.8 44.8#

55 0.0 17.9 26.9#

61 0.0 17.0 25.4#

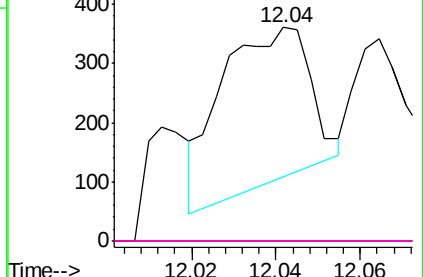
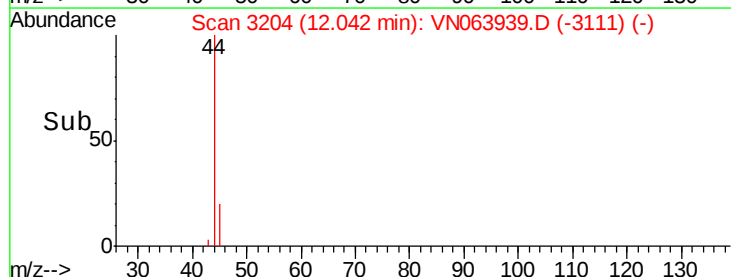


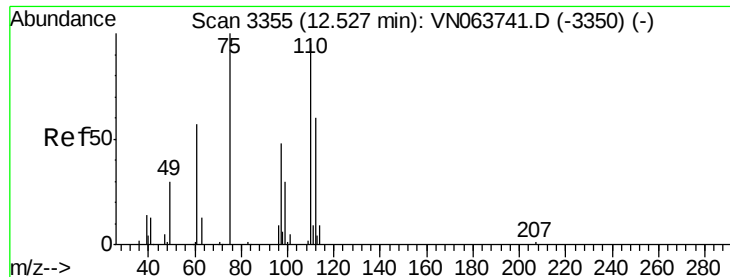
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#76

1,2,3-Trichloropropane

Concen: 30.288 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063939.D

Acq: 7 Oct 2020 13:20

Instrument :

MSVOA_N

ClientSampleId :

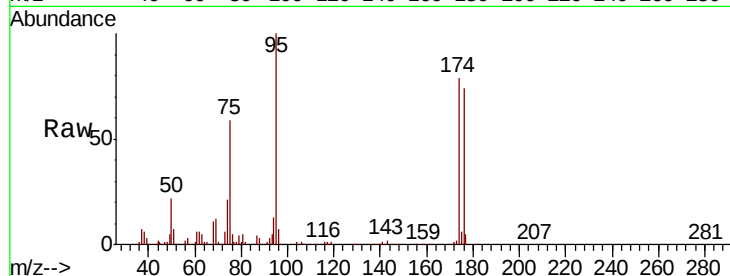
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 116207

Ion Ratio Lower Upper

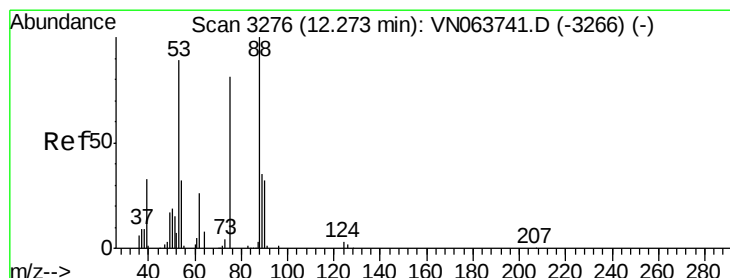
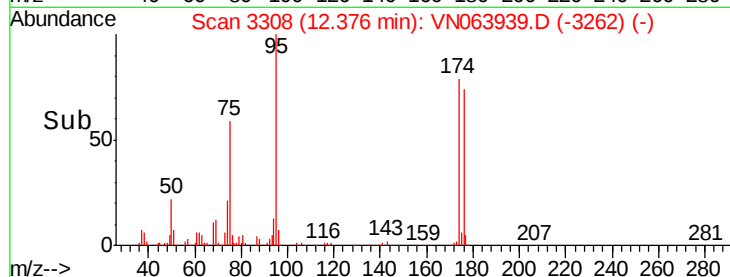
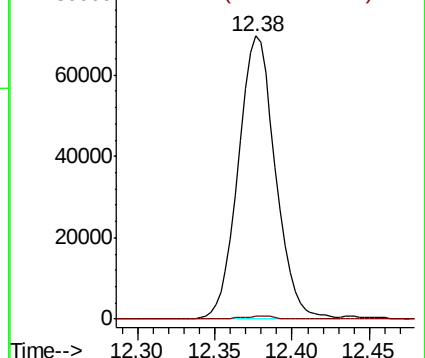
75 100

77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 77.00 (76.70 to 77.70): VNO



#81

trans-1,4-Dichloro-2-butene

Concen: 87.235 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063939.D

Acq: 7 Oct 2020 13:20

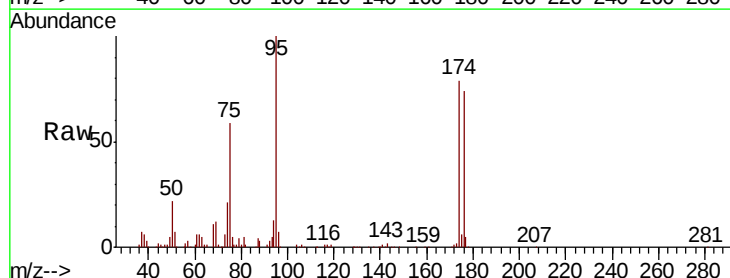
Tgt Ion: 75 Resp: 116207

Ion Ratio Lower Upper

75 100

53 0.1 88.2 132.2#

89 0.0 36.0 54.0#



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO

