

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063806.D
 Acq On : 2 Oct 2020 6:08
 Operator : JC/MD
 Sample : L4236-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Oct 02 14:42:25 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

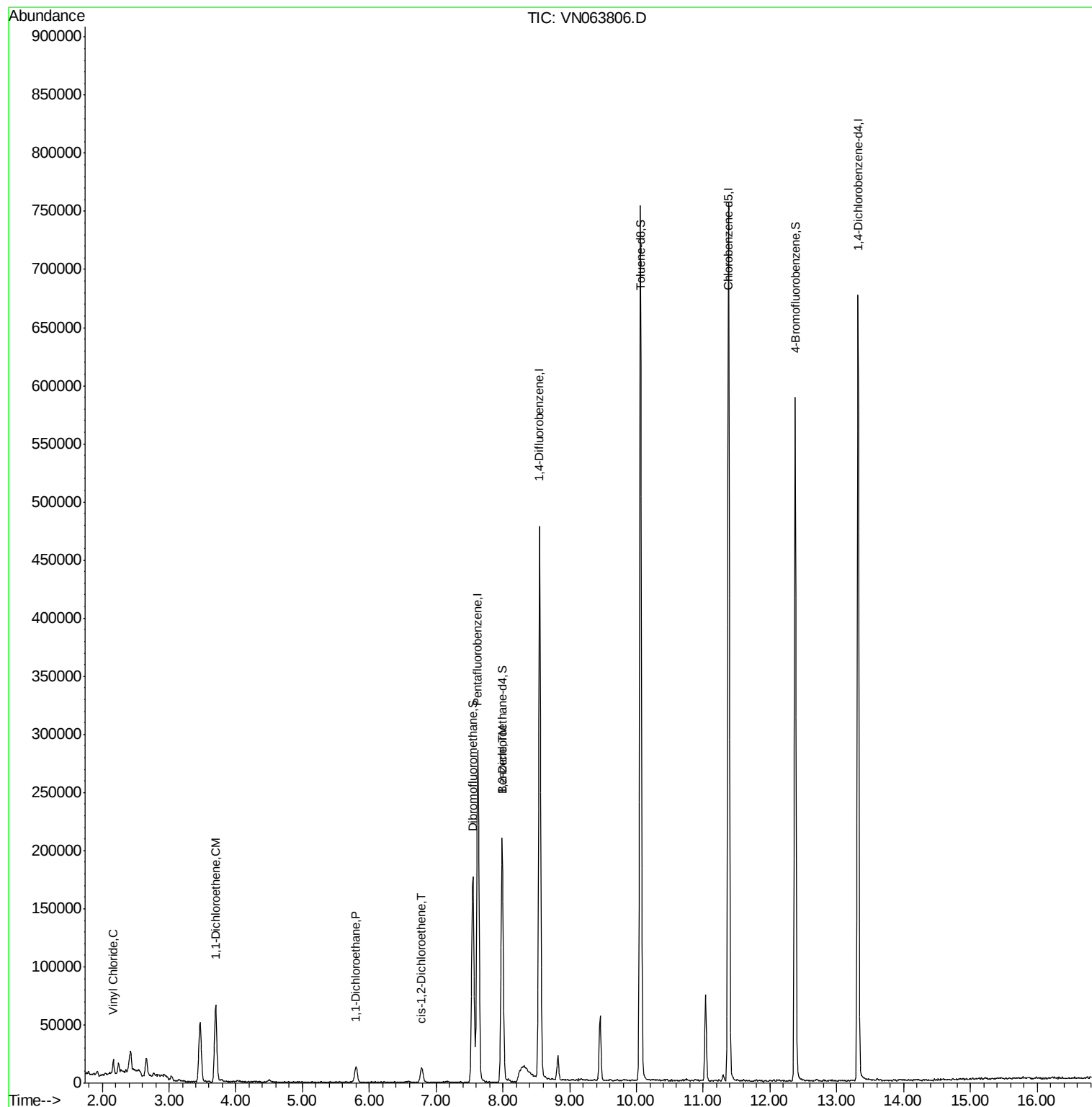
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	210000	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	387714	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	167326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	186451	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
35) Dibromofluoromethane	7.55	113	134347	49.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.88%	
50) Toluene-d8	10.06	98	494919	48.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.38	95	193621	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.16	62	8915	3.416	ug/l	95
12) 1,1-Dichloroethene	3.70	96	30076	14.223	ug/l	97
24) 1,1-Dichloroethane	5.80	63	18624	4.030	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	7891	2.897	ug/l	85
40) Benzene	8.00	78	3524	0.314	ug/l #	88

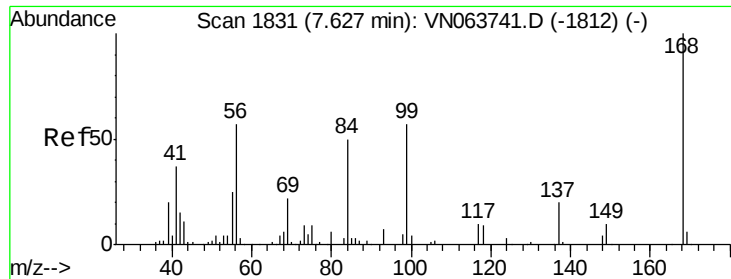
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100120\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063806.D

Acq: 2 Oct 2020 6:08

Instrument :

MSVOA_N

ClientSampled :

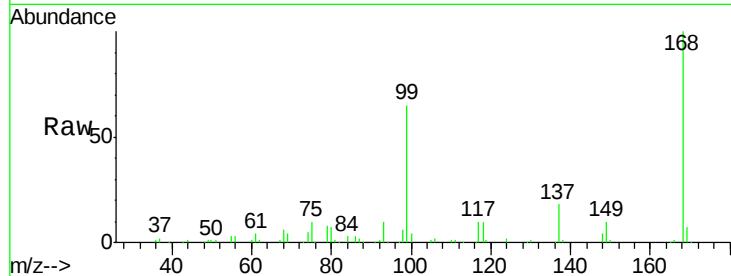
MW-3

Tot Ion:168 Resp: 210000

Ion Ratio Lower Upper

168 100

99 65.1 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

60000

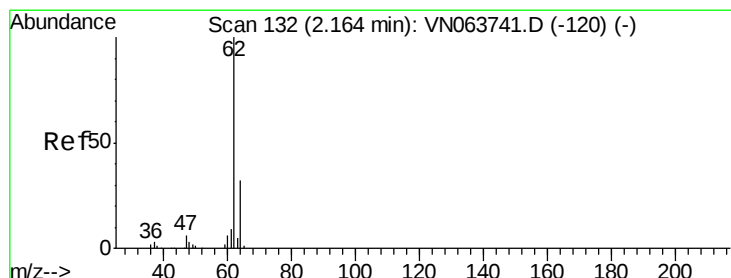
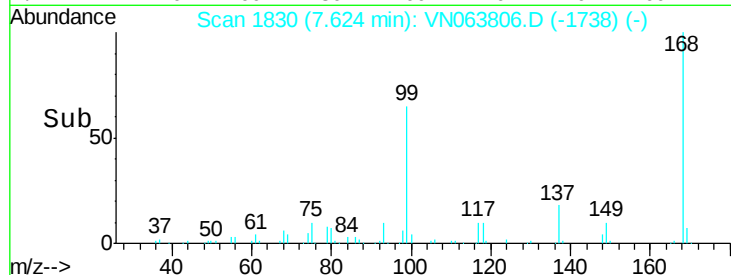
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#4

Vinyl Chloride

Concen: 3.416 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063806.D

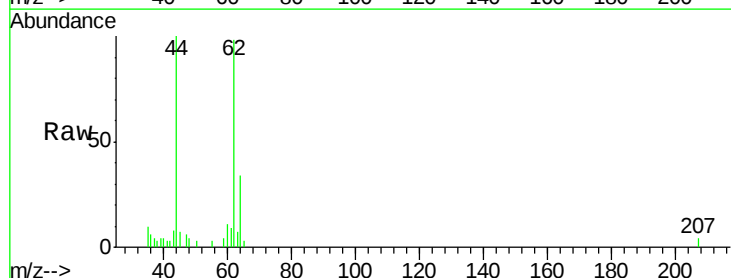
Acq: 2 Oct 2020 6:08

Tgt Ion: 62 Resp: 8915

Ion Ratio Lower Upper

62 100

64 35.0 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

6000

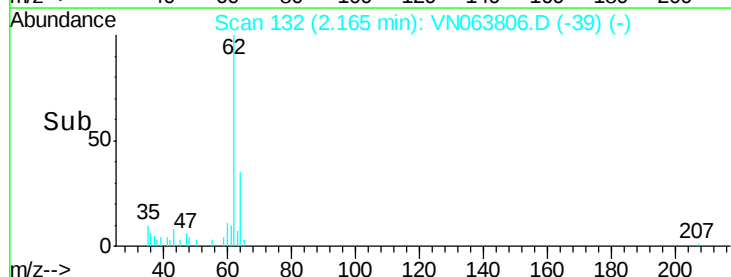
4000

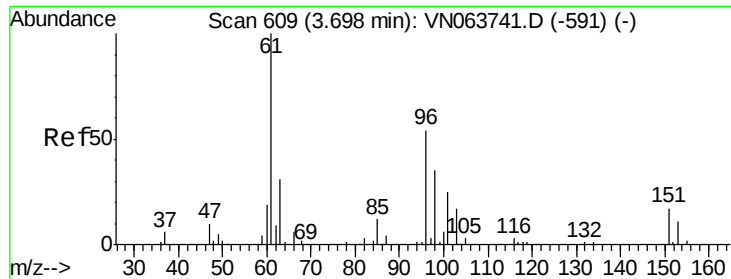
2000

0

Time-->

2.10 2.15 2.20





#12

1,1-Dichloroethene

Concen: 14.223 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN063806.D

Acq: 2 Oct 2020 6:08

Instrument :

MSVOA_N

ClientSampled :

MW-3

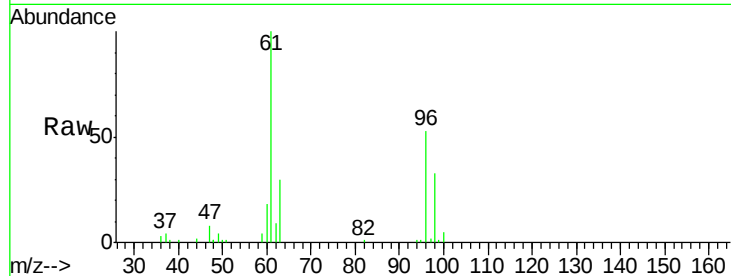
Tot Ion: 96 Resp: 30076

Ion Ratio Lower Upper

96 100

61 188.5 147.7 221.5

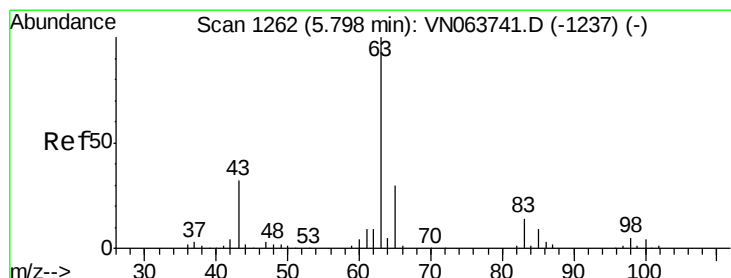
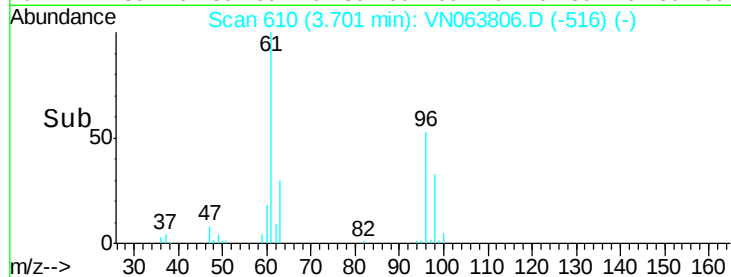
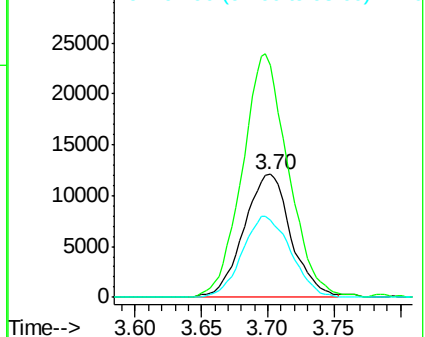
98 63.1 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#24

1,1-Dichloroethane

Concen: 4.030 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN063806.D

Acq: 2 Oct 2020 6:08

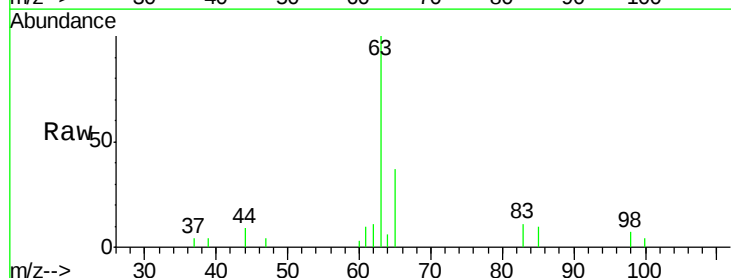
Tgt Ion: 63 Resp: 18624

Ion Ratio Lower Upper

63 100

98 7.3 2.7 8.1

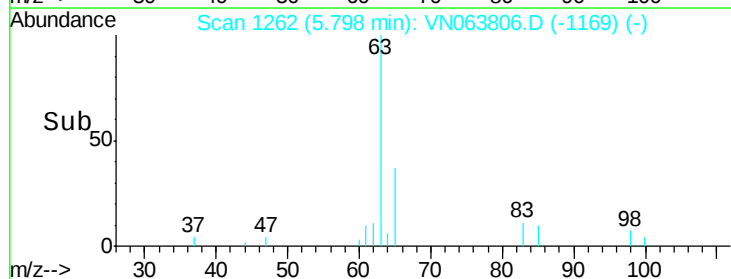
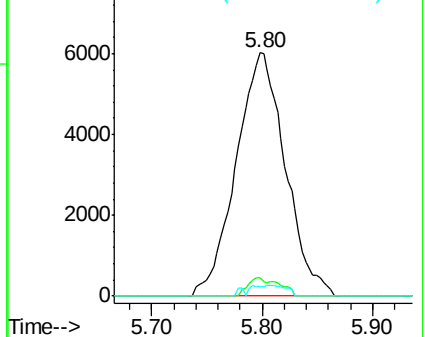
100 3.7 1.9 5.7

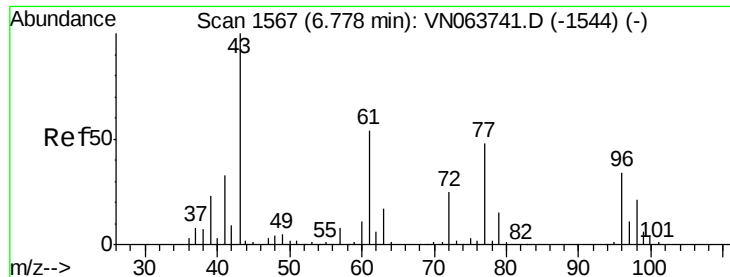


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 2.897 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063806.D

Acq: 2 Oct 2020 6:08

Instrument :

MSVOA_N

ClientSampleId :

MW-3

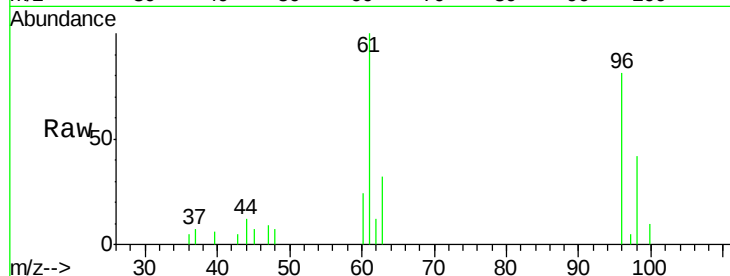
Tot Ion: 96 Resp: 7891

Ion Ratio Lower Upper

96 100

61 140.5 0.0 321.2

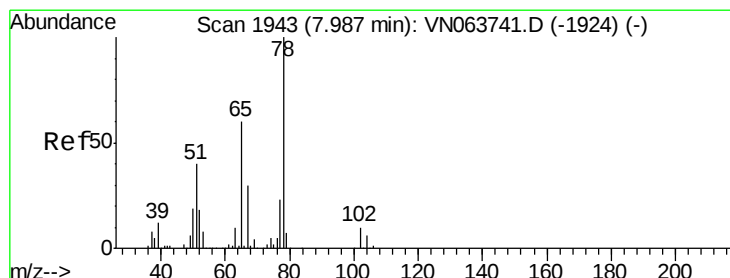
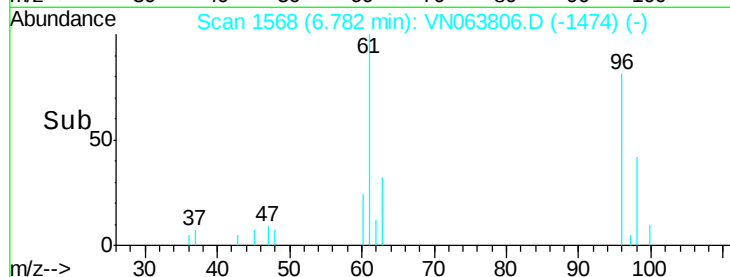
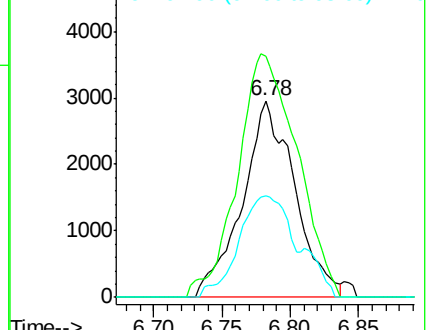
98 50.1 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1544) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.742 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063806.D

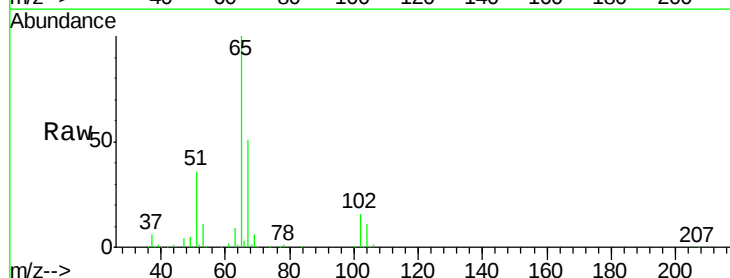
Acq: 2 Oct 2020 6:08

Tgt Ion: 65 Resp: 186451

Ion Ratio Lower Upper

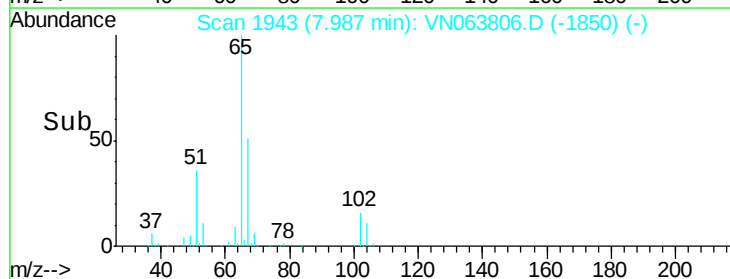
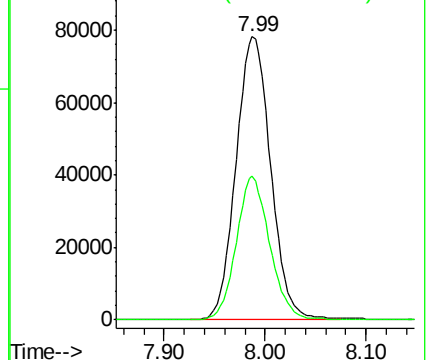
65 100

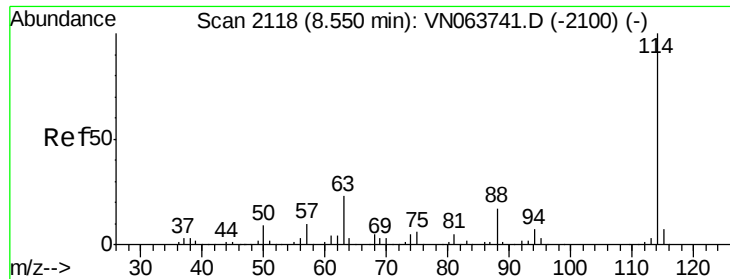
67 48.9 0.0 99.6



Abundance Ion 64.90 (64.60 to 65.60): VN063741.D (-1924) (-)

Ion 66.90 (66.60 to 67.60): VN063741.D (-1924) (-)

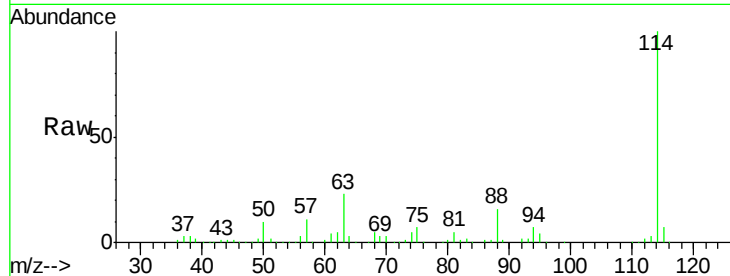




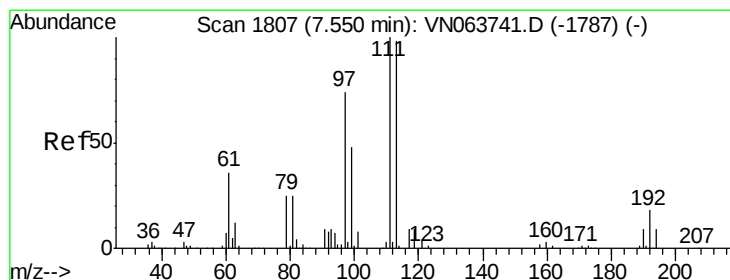
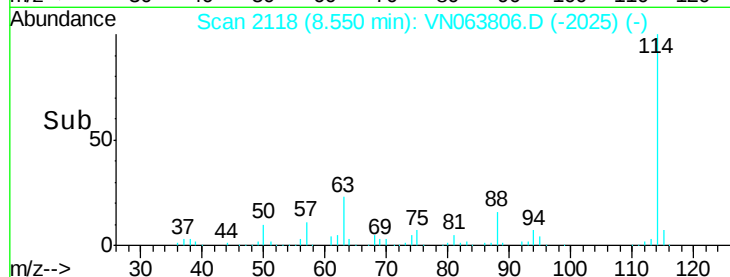
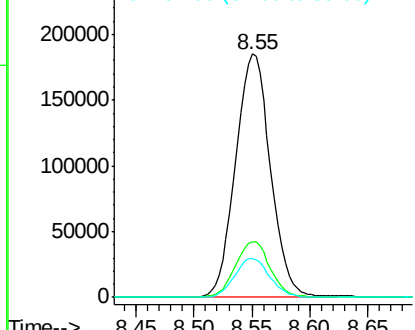
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063806.D
 Acq: 2 Oct 2020 6:08

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tot Ion:114 Resp: 387714
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 45.0
 88 16.1 0.0 34.0

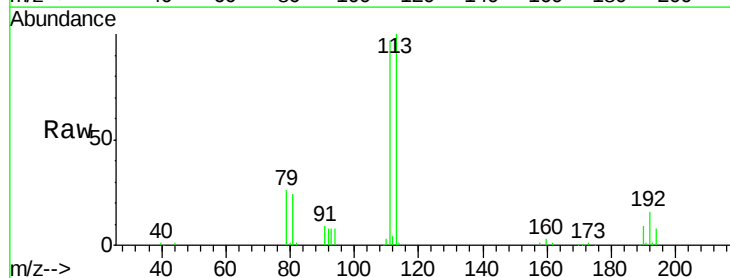


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

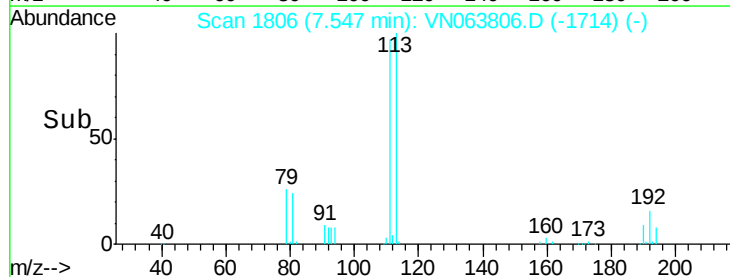
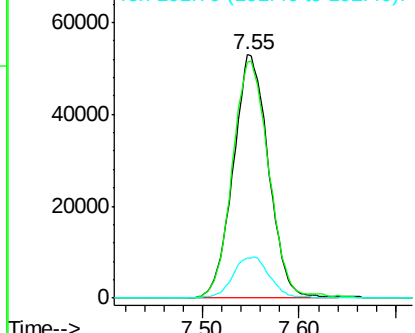


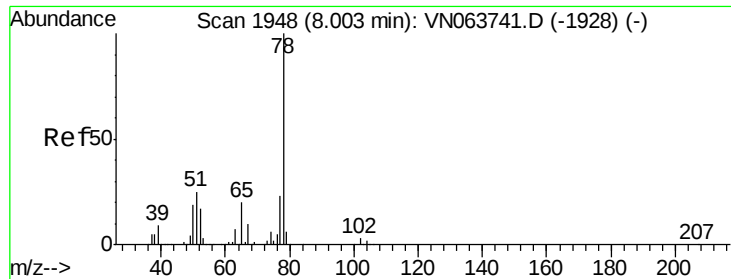
#35
 Dibromofluoromethane
 Concen: 49.938 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063806.D
 Acq: 2 Oct 2020 6:08

Tgt Ion:113 Resp: 134347
 Ion Ratio Lower Upper
 113 100
 111 99.6 81.8 122.8
 192 17.6 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





#40

Benzene

Concen: 0.314 ug/l

RT: 8.00 min Scan# 1946

Delta R.T. -0.01 min

Lab File: VN063806.D

Acq: 2 Oct 2020 6:08

Instrument :

MSVOA_N

ClientSampleId :

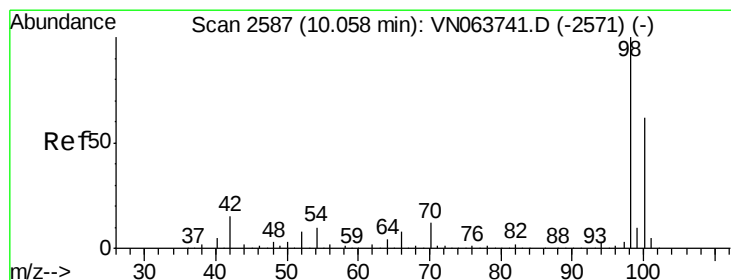
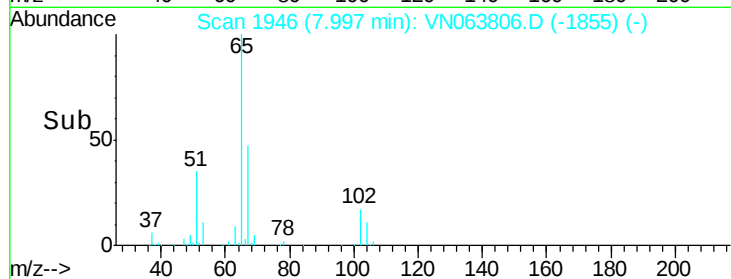
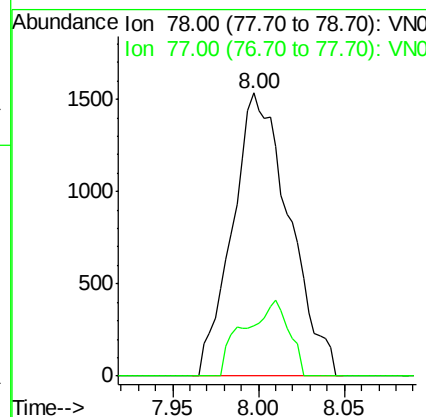
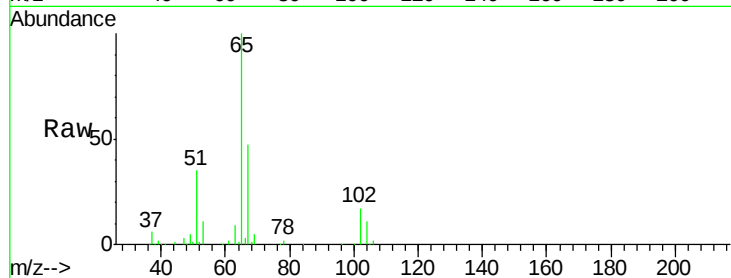
MW-3

Tot Ion: 78 Resp: 3524

Ion Ratio Lower Upper

78 100

77 17.6 18.7 28.1#



#50

Toluene-d8

Concen: 48.529 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063806.D

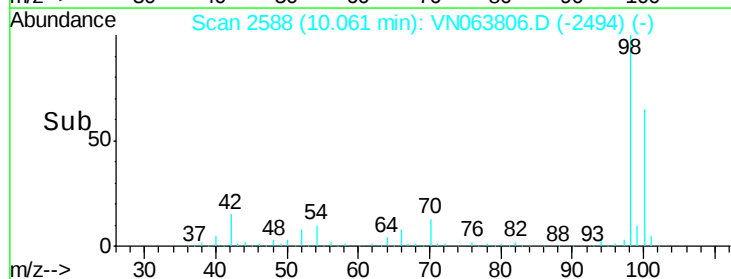
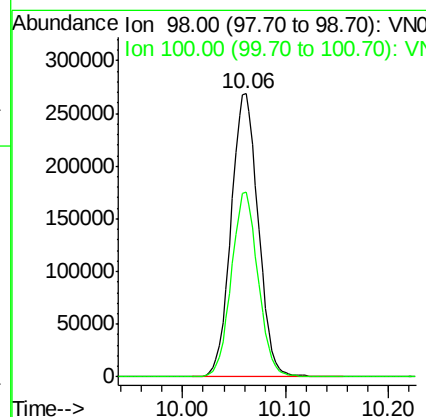
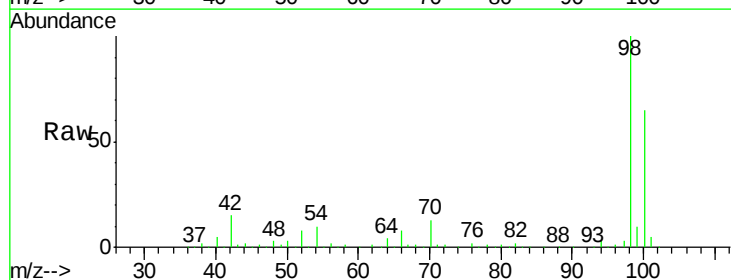
Acq: 2 Oct 2020 6:08

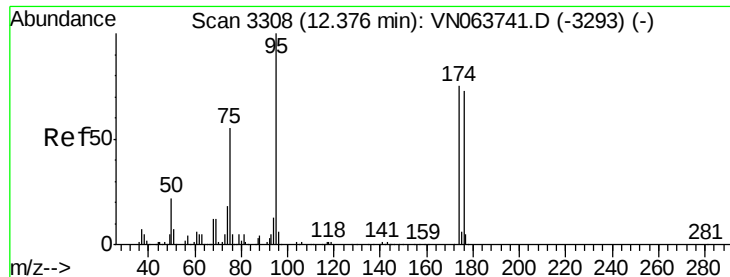
Tgt Ion: 98 Resp: 494919

Ion Ratio Lower Upper

98 100

100 64.1 49.8 74.6

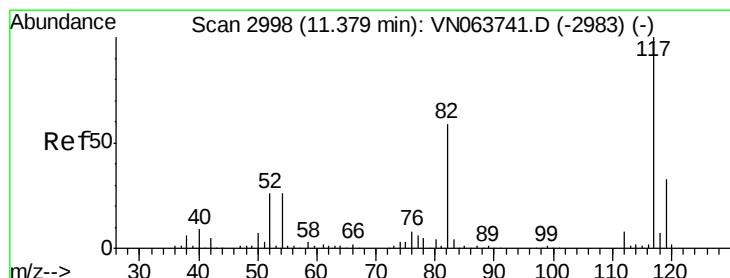
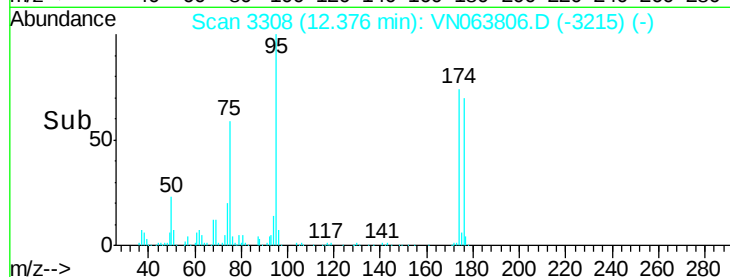
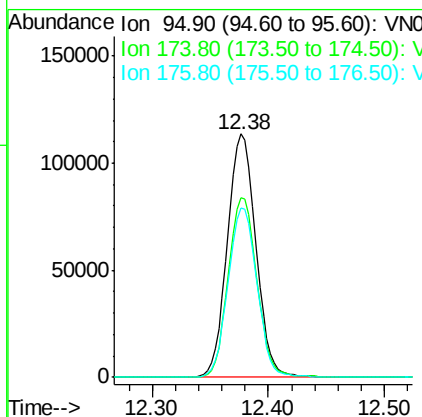
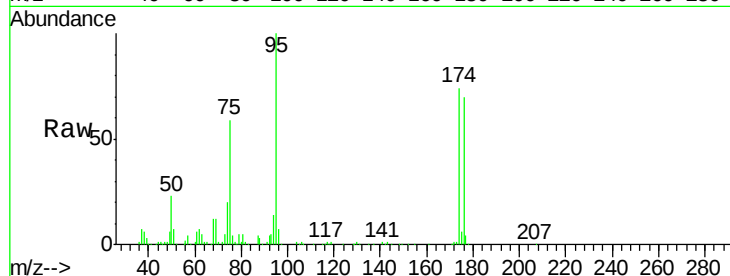




#62
4-Bromofluorobenzene
Concen: 50.505 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN063806.D
Acq: 2 Oct 2020 6:08

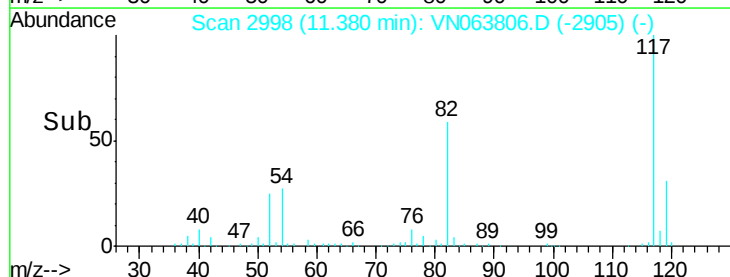
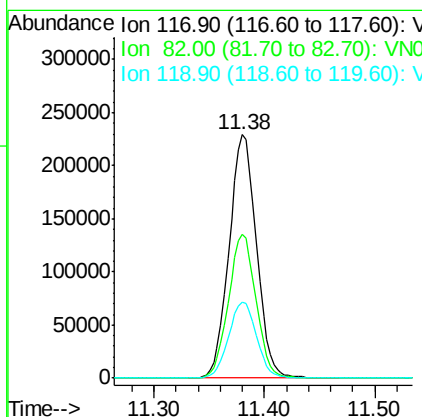
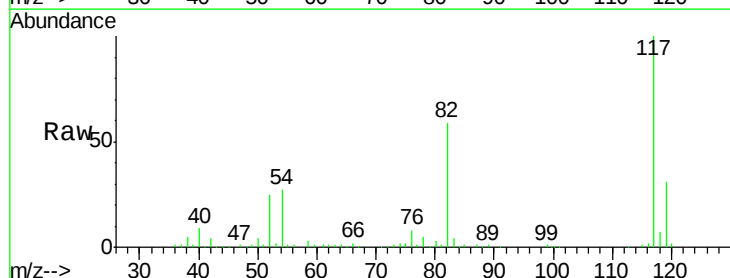
Instrument :
MSVOA_N
ClientSampled :
MW-3

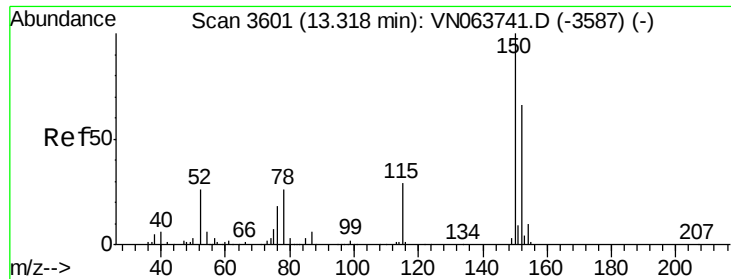
Tot Ion: 95 Resp: 193621
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.6
176 70.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063806.D
Acq: 2 Oct 2020 6:08

Tgt Ion: 117 Resp: 395960
Ion Ratio Lower Upper
117 100
82 59.1 47.4 71.2
119 31.0 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063806.D

Acq: 2 Oct 2020 6:08

Instrument :

MSVOA_N

ClientSampleId :

MW-3

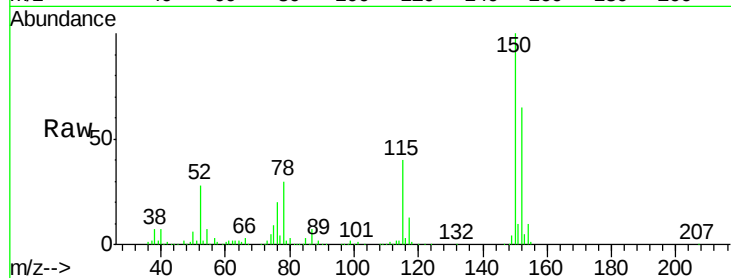
Tot Ion:152 Resp: 167326

Ion Ratio Lower Upper

152 100

115 61.3 31.3 93.8

150 154.5 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

