

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090320\
 Data File : VN063225.D
 Acq On : 3 Sep 2020 17:12
 Operator : JC/MD
 Sample : L3902-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW184I-20200901

Quant Time: Sep 04 08:06:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

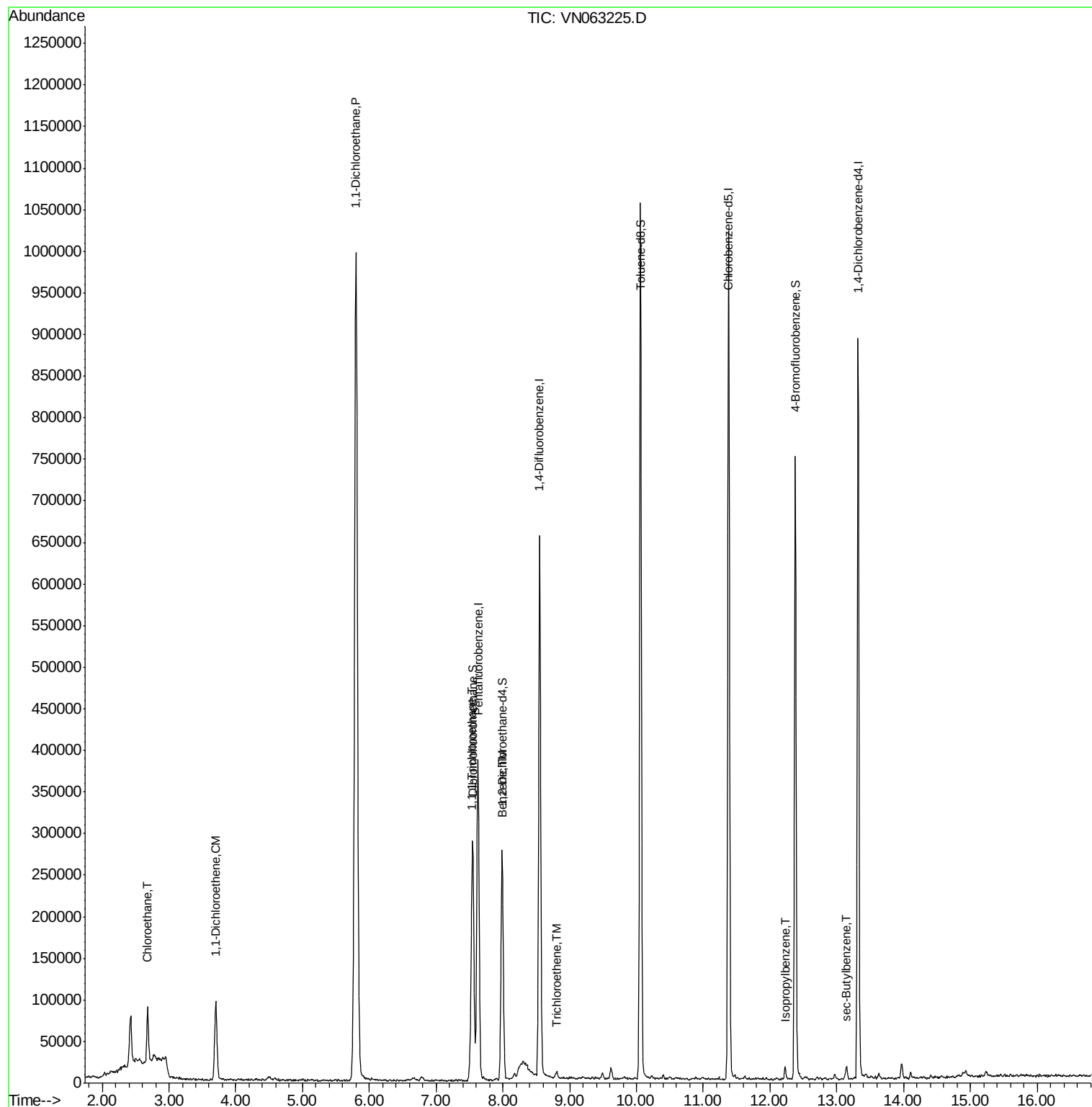
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	561340	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	548480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	214525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	229780	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	7.55	113	176918	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	10.06	98	714702	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	12.38	95	244569	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
Target Compounds						
6) Chloroethane	2.68	64	54585	15.314	ug/l	92
12) 1,1-Dichloroethene	3.70	96	44579	14.357	ug/l	99
24) 1,1-Dichloroethane	5.80	63	1479163	217.129	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	66407	10.813	ug/l	99
40) Benzene	8.00	78	7423	0.468	ug/l	94
44) Trichloroethene	8.80	130	1917	0.498	ug/l	93
73) Isopropylbenzene	12.23	105	10176	0.618	ug/l	90
85) sec-Butylbenzene	13.15	105	9545	0.624	ug/l	94

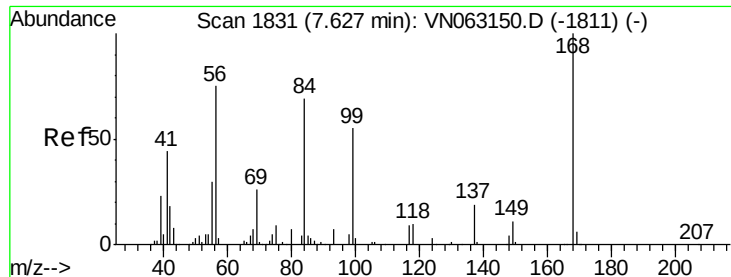
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
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: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

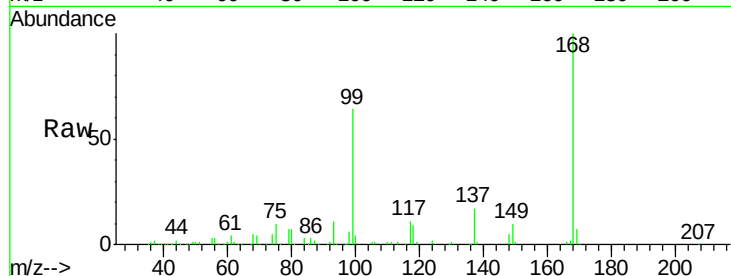
SA-MW184I-20200901

Tot Ion:168 Resp: 283001

Ion Ratio Lower Upper

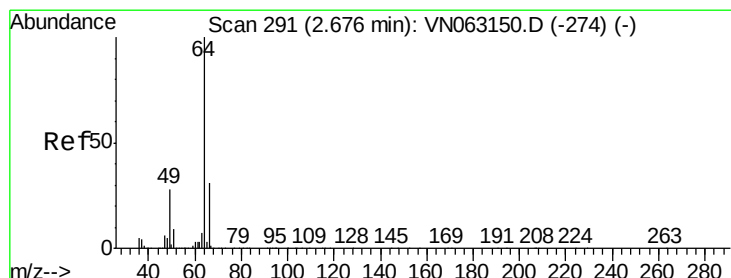
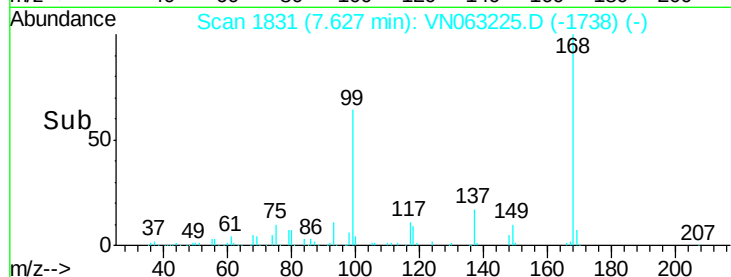
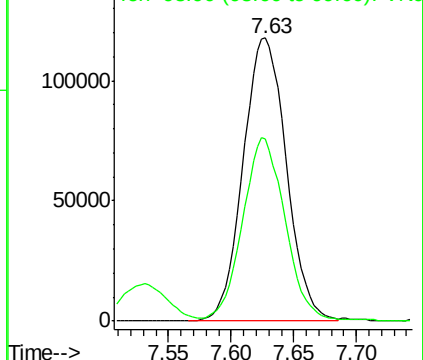
168 100

99 63.7 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#6

Chloroethane

Concen: 15.314 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN063225.D

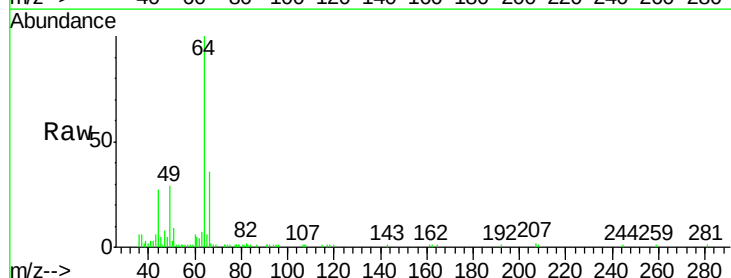
Acq: 3 Sep 2020 17:12

Tgt Ion: 64 Resp: 54585

Ion Ratio Lower Upper

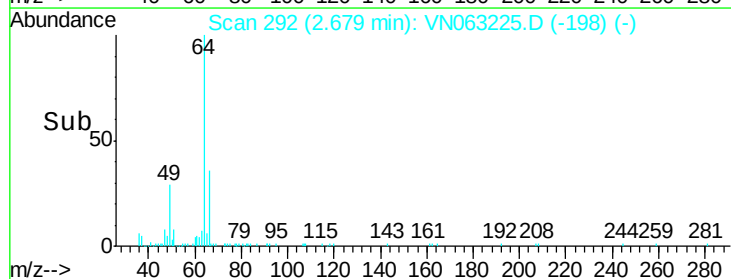
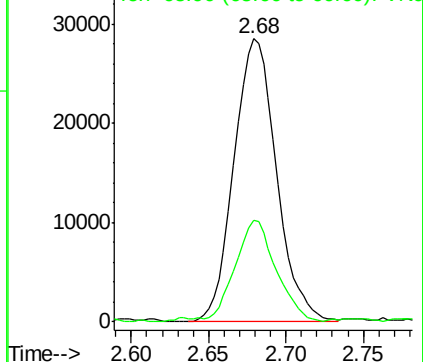
64 100

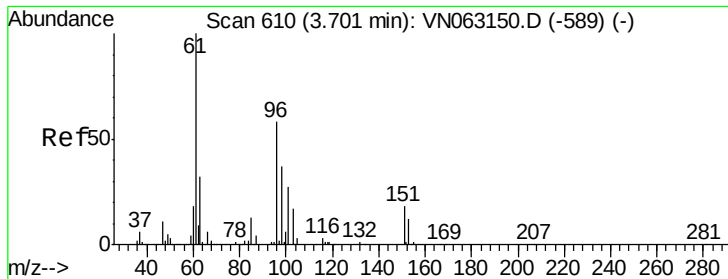
66 35.2 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

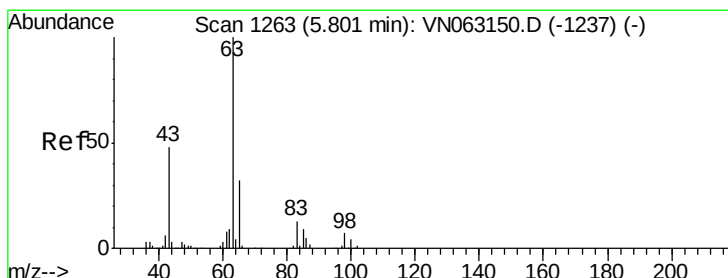
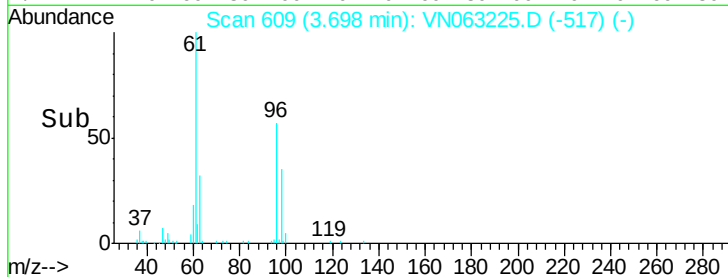
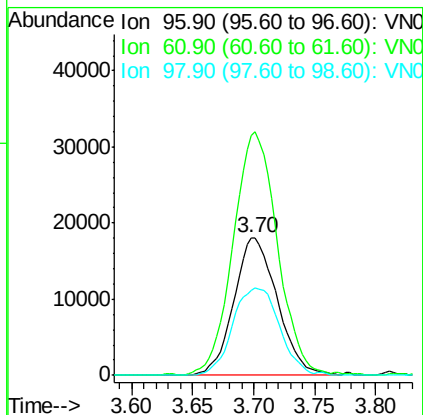
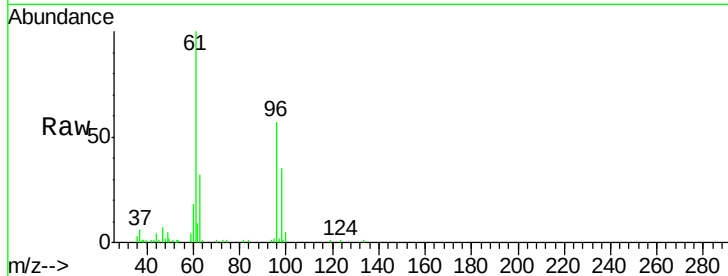




#12
 1,1-Dichloroethene
 Concen: 14.357 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063225.D
 Acq: 3 Sep 2020 17:12

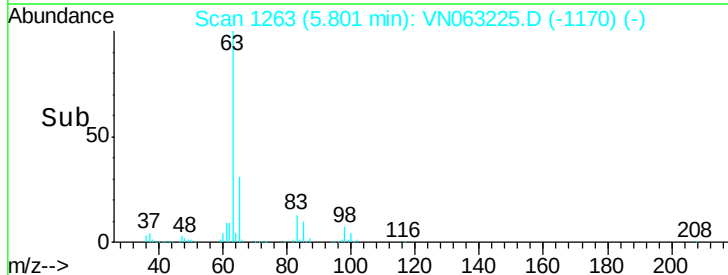
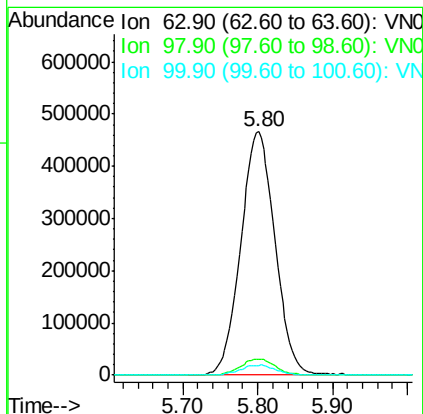
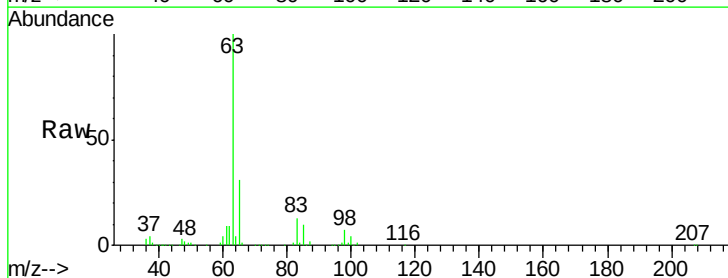
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW184I-20200901

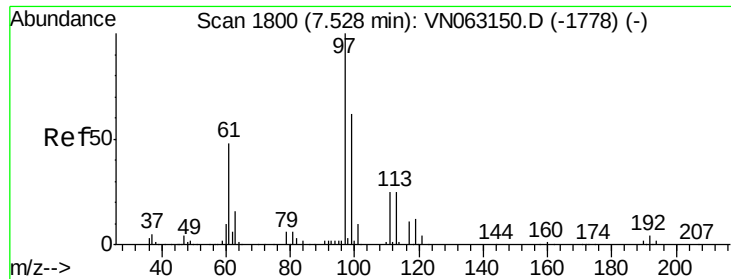
Tot Ion: 96 Resp: 44579
 Ion Ratio Lower Upper
 96 100
 61 173.0 137.4 206.2
 98 61.6 50.5 75.7



#24
 1,1-Dichloroethane
 Concen: 217.129 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063225.D
 Acq: 3 Sep 2020 17:12

Tgt Ion: 63 Resp: 1479163
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.0 2.3 6.8





#32

1,1,1-Trichloroethane

Concen: 10.813 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184I-20200901

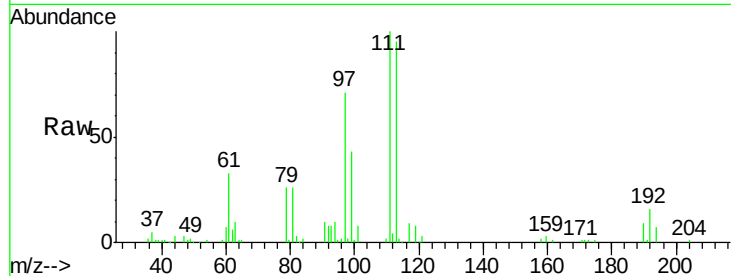
Tot Ion: 97 Resp: 66407

Ion Ratio Lower Upper

97 100

99 64.3 50.8 76.2

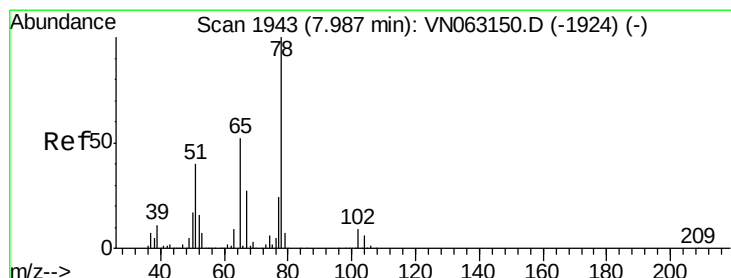
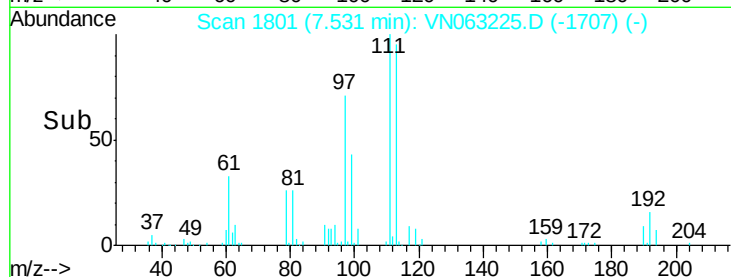
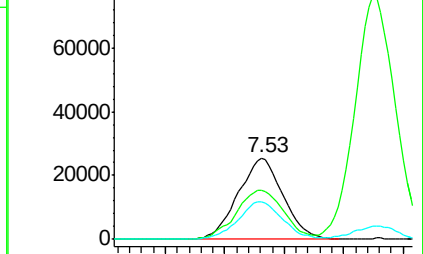
61 46.0 37.4 56.2



Abundance Ion 96.90 (96.60 to 97.60): VN063225.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN063225.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN063225.D (-1778) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.669 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063225.D

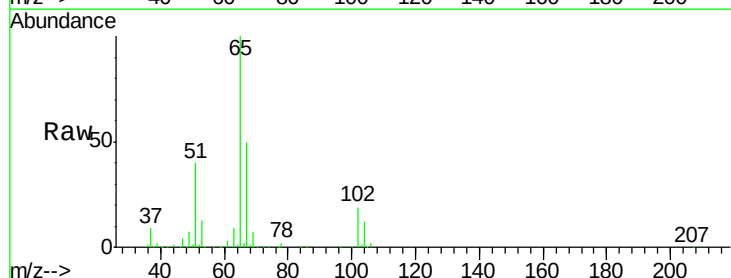
Acq: 3 Sep 2020 17:12

Tgt Ion: 65 Resp: 229780

Ion Ratio Lower Upper

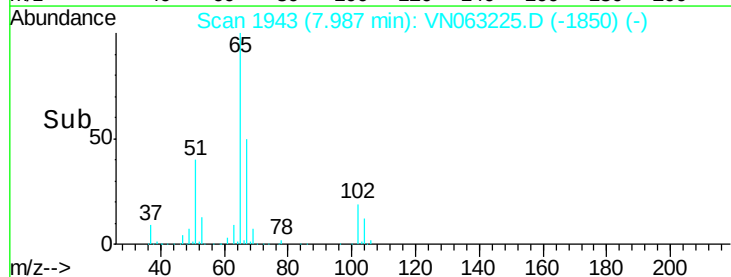
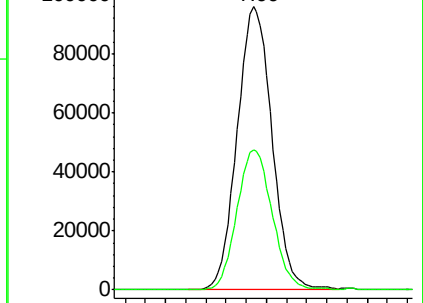
65 100

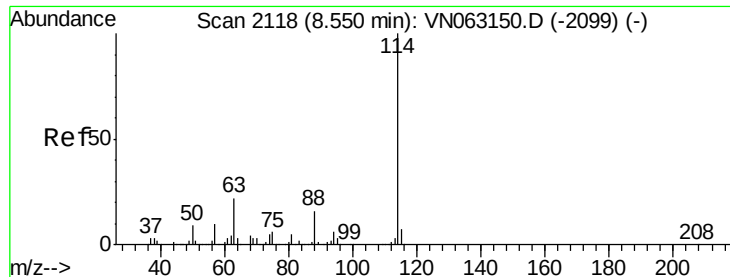
67 49.9 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063225.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063225.D (-1850) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

SA-MW184I-20200901

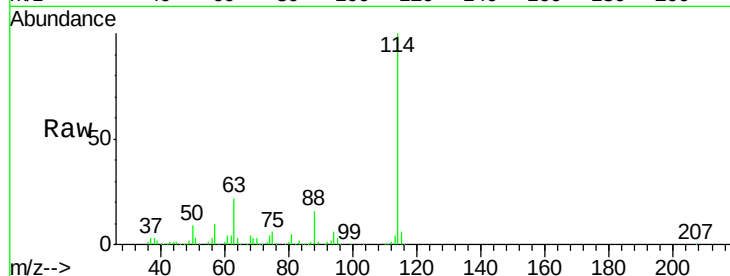
Tot Ion:114 Resp: 561340

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.0

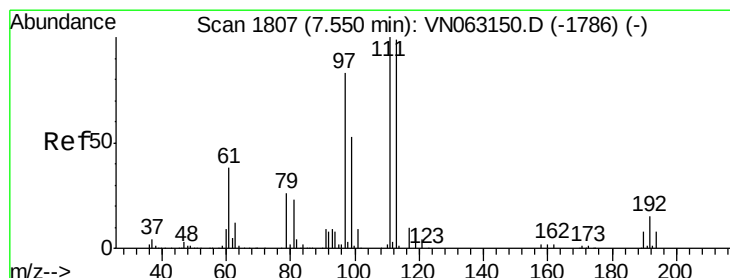
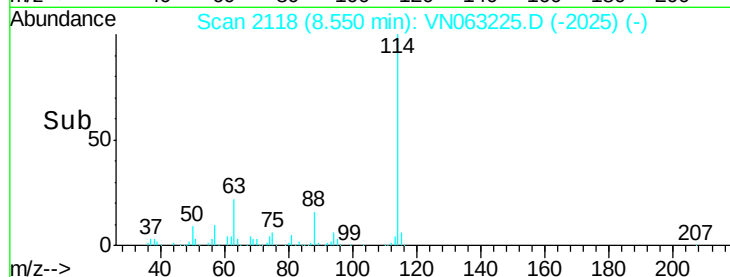
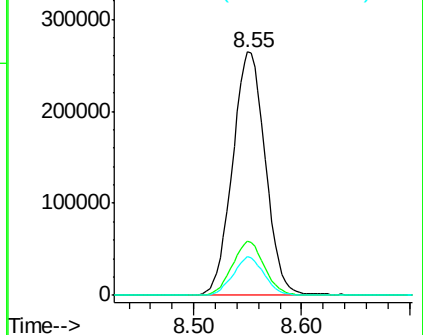
88 15.7 0.0 31.6



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: 49.126 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

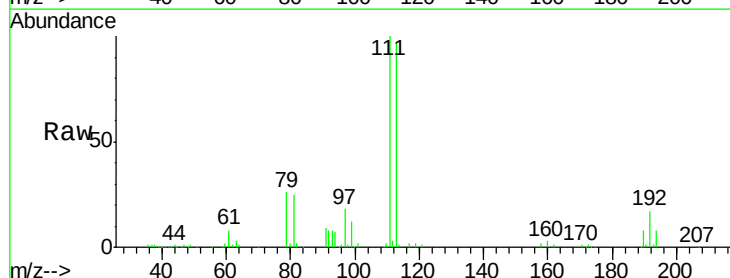
Tgt Ion:113 Resp: 176918

Ion Ratio Lower Upper

113 100

111 103.5 80.7 121.1

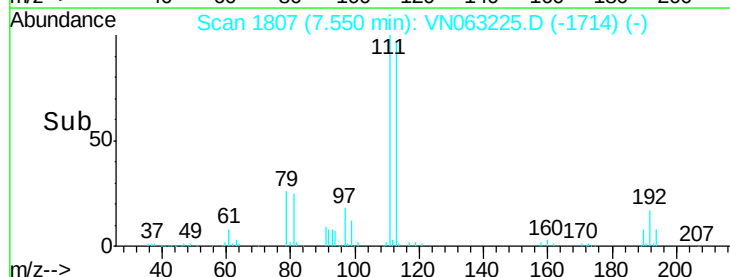
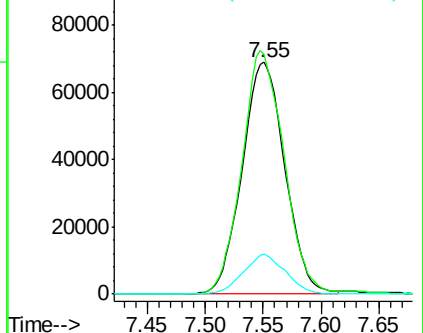
192 16.9 12.6 19.0

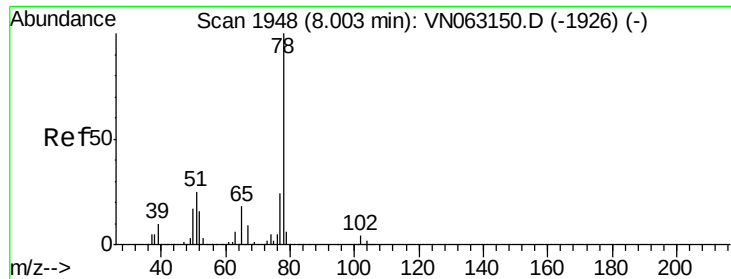


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.468 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

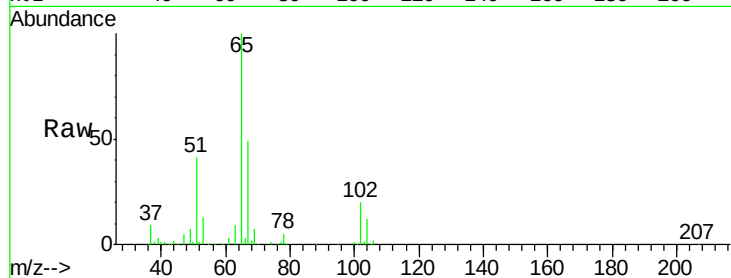
SA-MW184I-20200901

Tot Ion: 78 Resp: 7423

Ion Ratio Lower Upper

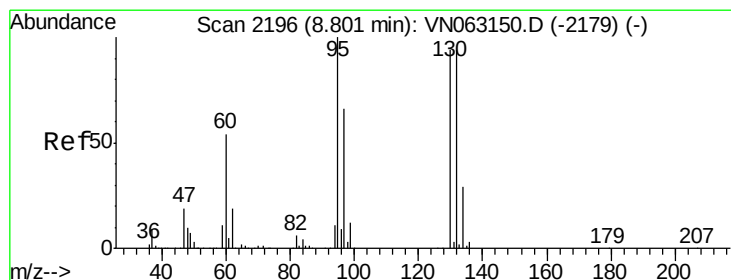
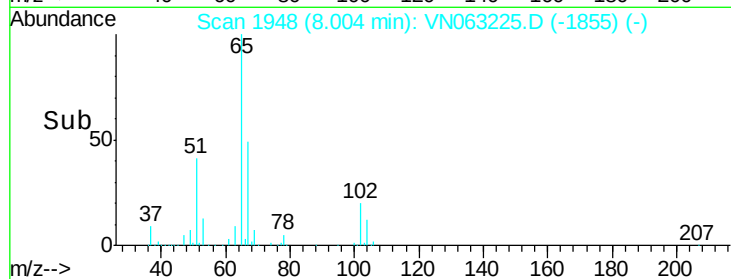
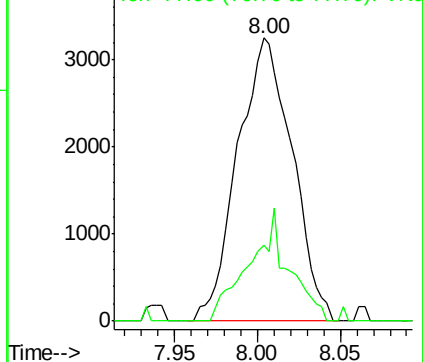
78 100

77 26.9 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



#44

Trichloroethene

Concen: 0.498 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063225.D

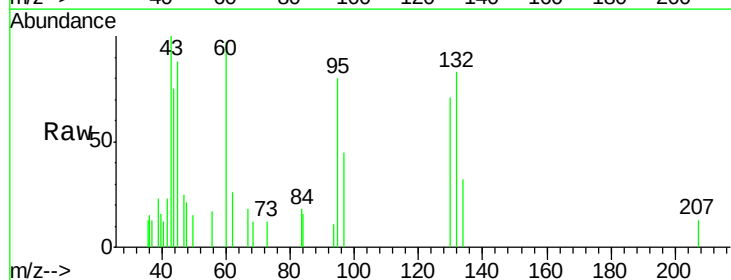
Acq: 3 Sep 2020 17:12

Tgt Ion:130 Resp: 1917

Ion Ratio Lower Upper

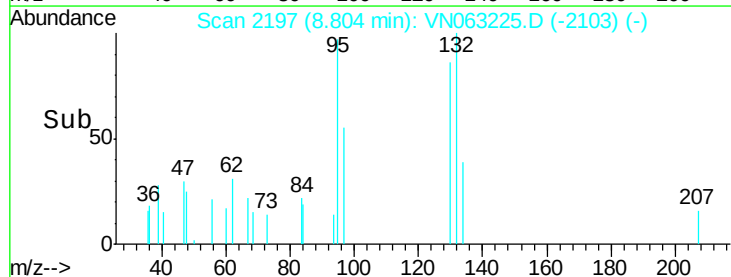
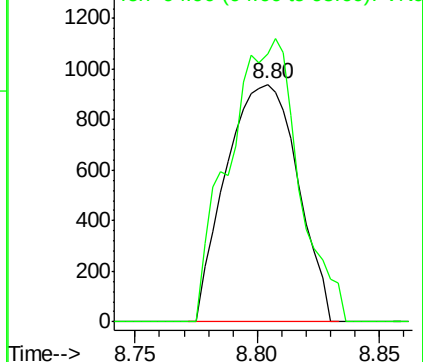
130 100

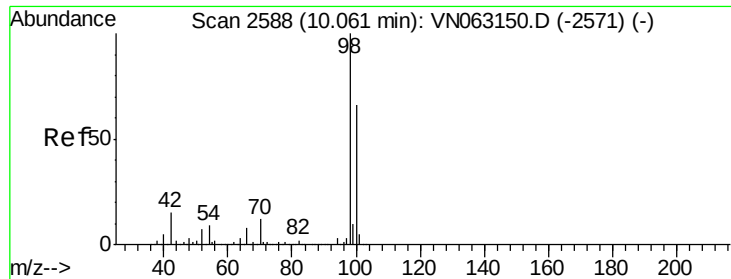
95 113.0 0.0 212.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#50

Toluene-d8

Concen: 51.561 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

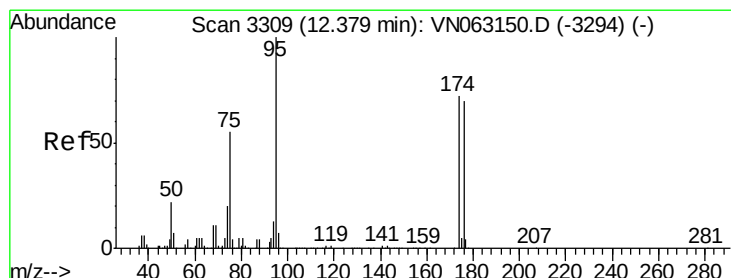
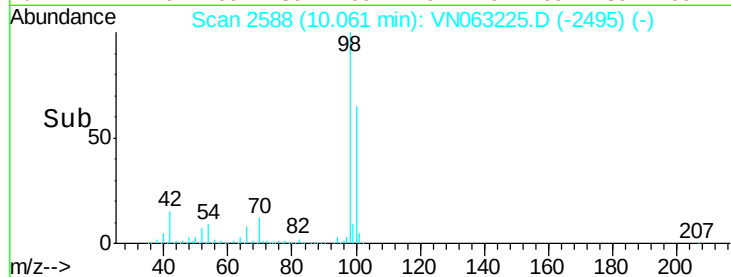
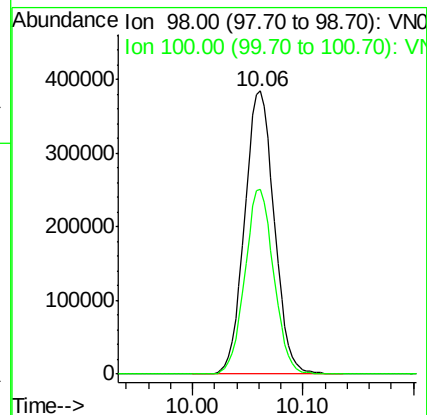
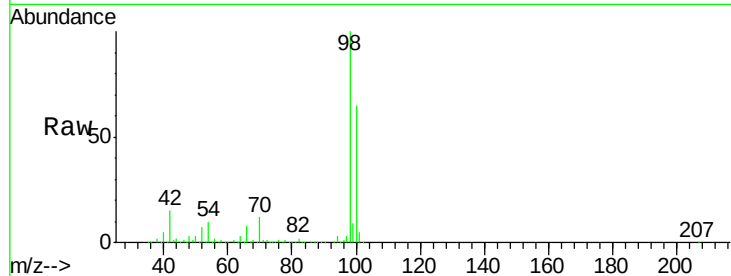
SA-MW184I-20200901

Tot Ion: 98 Resp: 714702

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.439 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

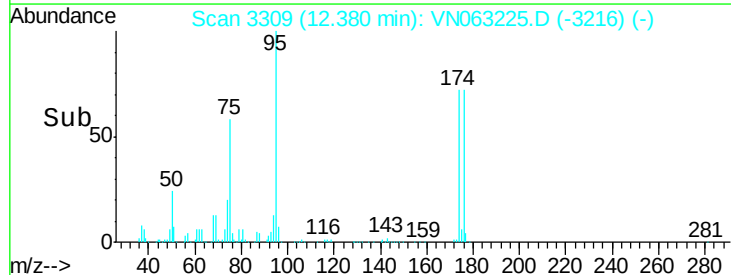
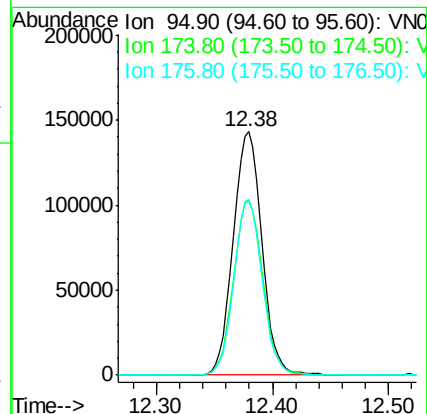
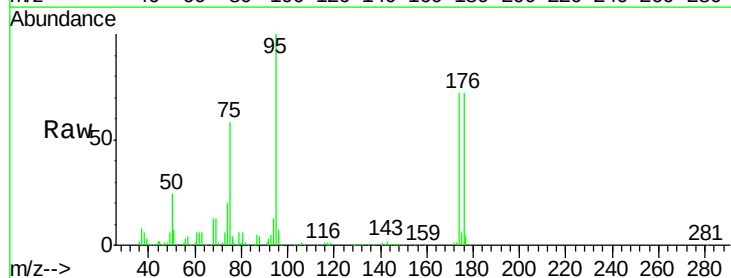
Tgt Ion: 95 Resp: 244569

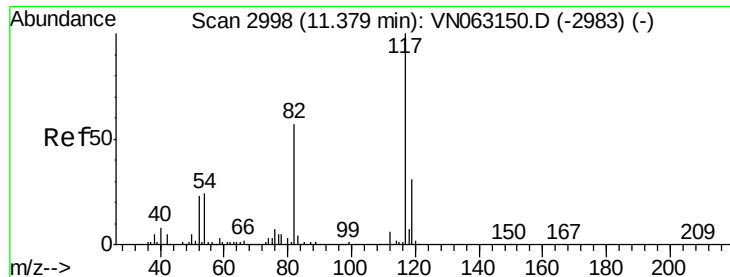
Ion Ratio Lower Upper

95 100

174 73.0 0.0 143.8

176 70.8 0.0 138.4

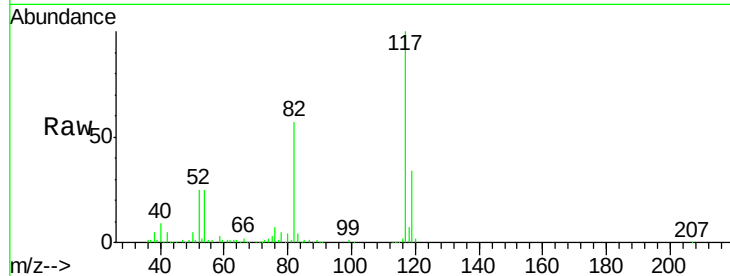




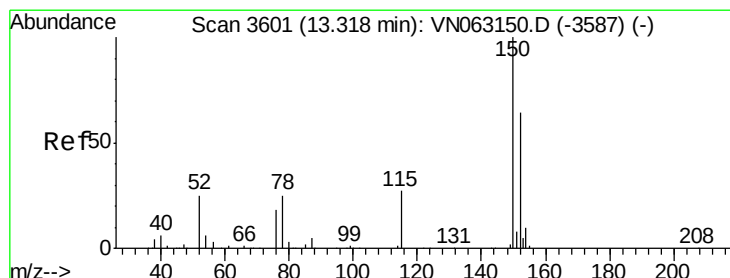
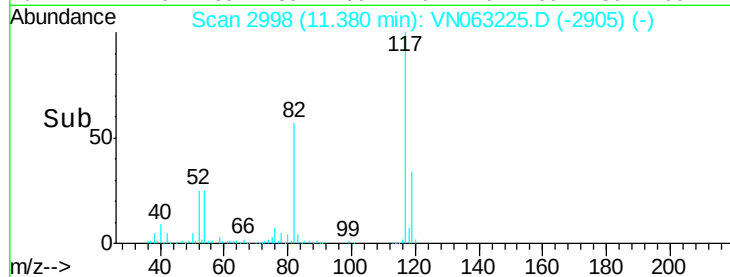
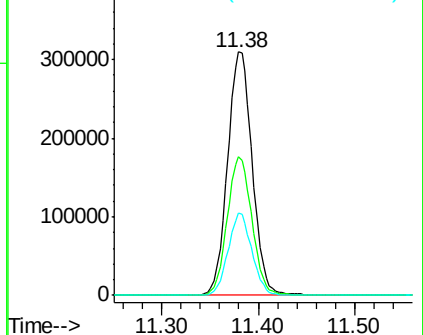
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063225.D
Acq: 3 Sep 2020 17:12

Instrument :
MSVOA_N
ClientSampleId :
SA-MW184I-20200901

Tot Ion:117 Resp: 548480
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.0
119 33.8 24.6 37.0

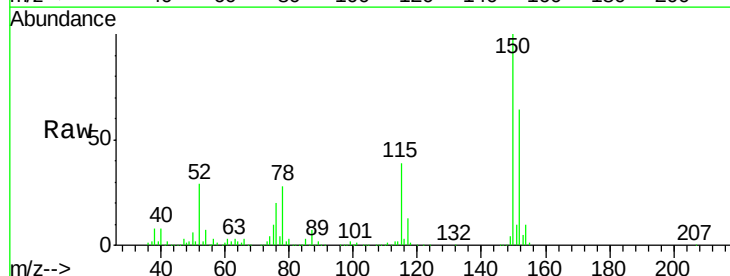


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

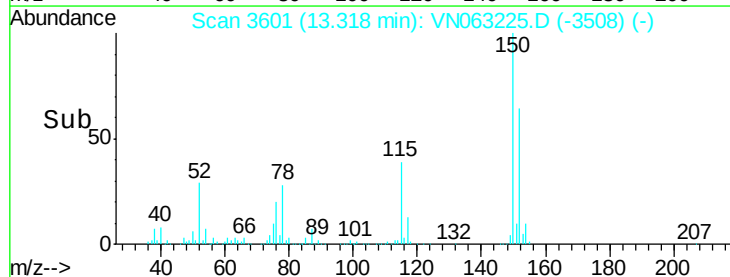
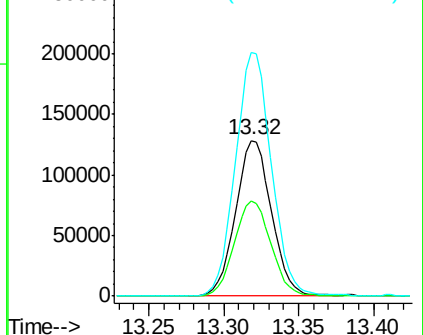


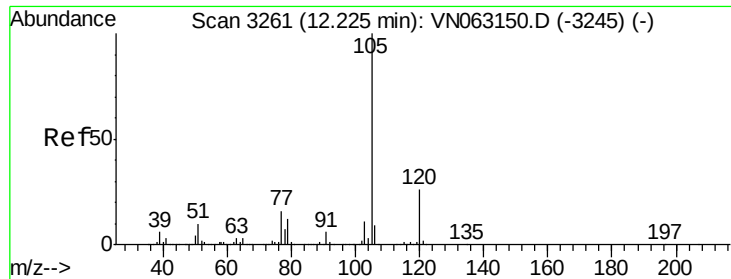
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063225.D
Acq: 3 Sep 2020 17:12

Tgt Ion:152 Resp: 214525
Ion Ratio Lower Upper
152 100
115 62.3 32.0 96.2
150 157.6 0.0 353.0



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





#73

Isopropylbenzene

Concen: 0.618 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063225.D

Acq: 3 Sep 2020 17:12

Instrument :

MSVOA_N

ClientSampleId :

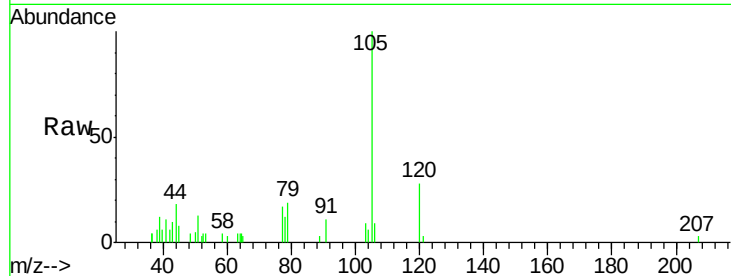
SA-MW184I-20200901

Tot Ion:105 Resp: 10176

Ion Ratio Lower Upper

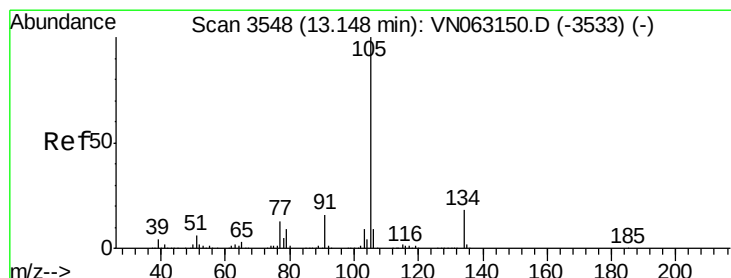
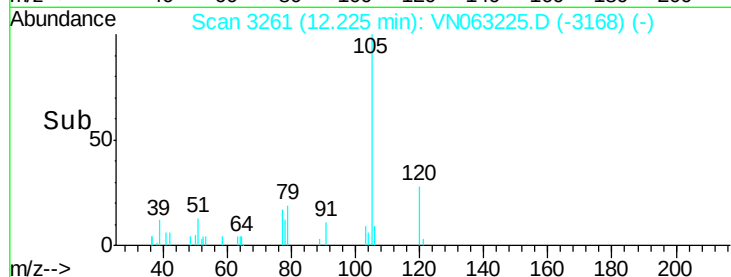
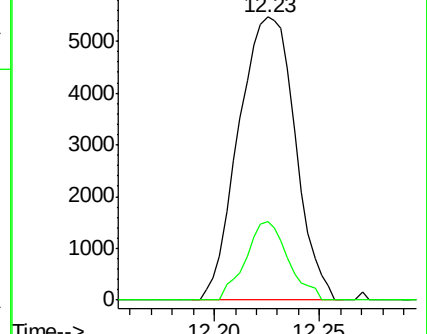
105 100

120 20.8 12.9 38.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 0.624 ug/l

RT: 13.15 min Scan# 3549

Delta R.T. 0.00 min

Lab File: VN063225.D

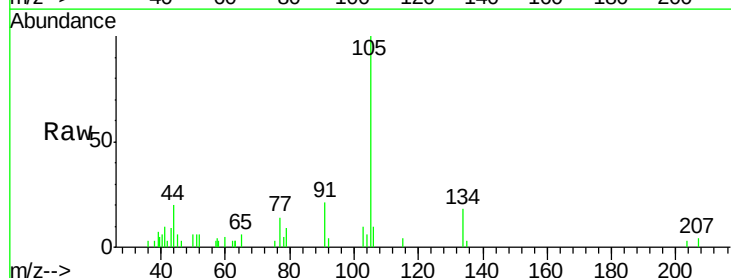
Acq: 3 Sep 2020 17:12

Tgt Ion:105 Resp: 9545

Ion Ratio Lower Upper

105 100

134 16.3 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

