

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092820\
 Data File : VN063705.D
 Acq On : 28 Sep 2020 15:09
 Operator : JC/MD
 Sample : L4133-02DL 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW1DDL

Quant Time: Sep 29 04:08:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 13:05:20 2020
 Response via : Initial Calibration

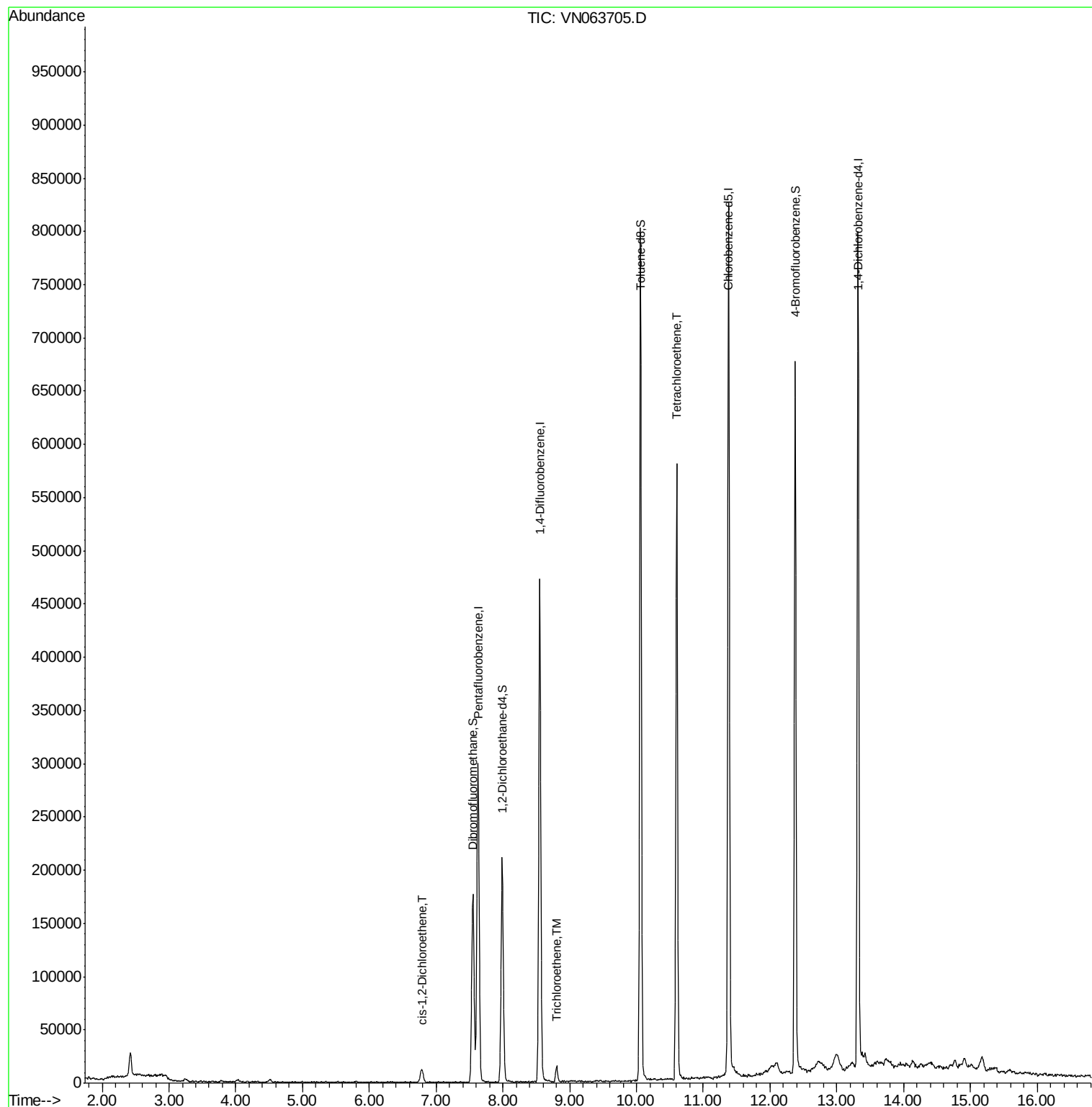
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	212768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	393624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	186015	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	183660	50.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.42%	
35) Dibromofluoromethane	7.55	113	133784	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	10.06	98	525971	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
62) 4-Bromofluorobenzene	12.38	95	217313	57.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.72%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.79	96	6264	2.080	ug/l	91
44) Trichloroethene	8.80	130	4701	1.619	ug/l	91
64) Tetrachloroethene	10.60	164	118446	41.289	ug/l	97

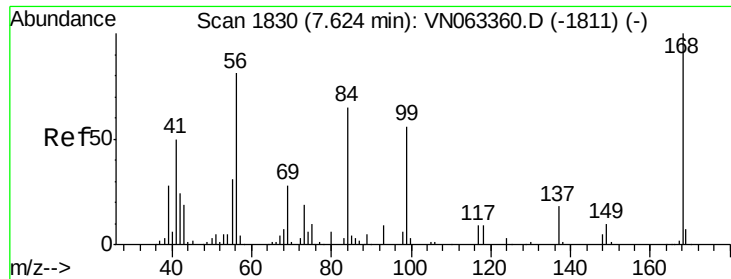
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092820\
Data File : VN063705.D
Acq On : 28 Sep 2020 15:09
Operator : JC/MD
Sample : L4133-02DL 10X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1DDL

Quant Time: Sep 29 04:08:22 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 16 13:05:20 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: VN063705.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_N

ClientSampleId :

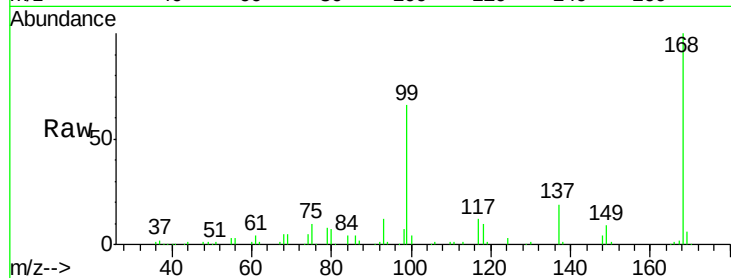
MW1DDL

Tot Ion:168 Resp: 212768

Ion Ratio Lower Upper

168 100

99 66.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

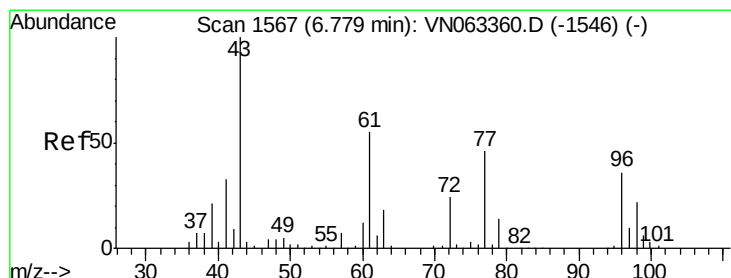
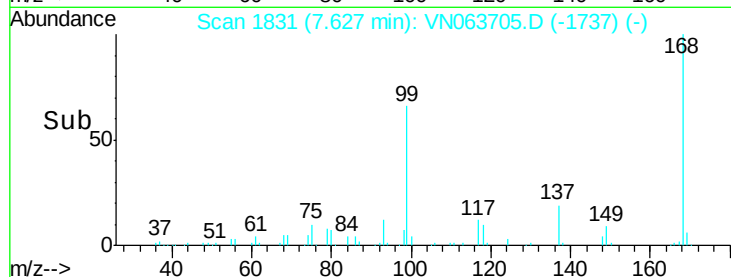
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#27

cis-1,2-Dichloroethene

Concen: 2.080 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN063705.D

Acq: 28 Sep 2020 15:09

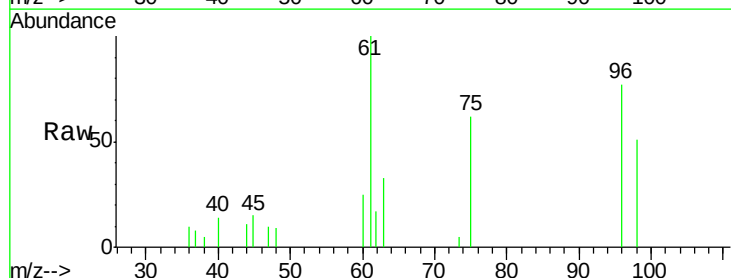
Tgt Ion: 96 Resp: 6264

Ion Ratio Lower Upper

96 100

61 146.4 0.0 319.6

98 68.5 0.0 127.8



Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

4000

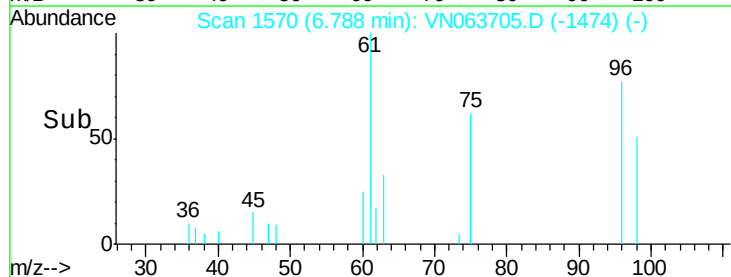
3000

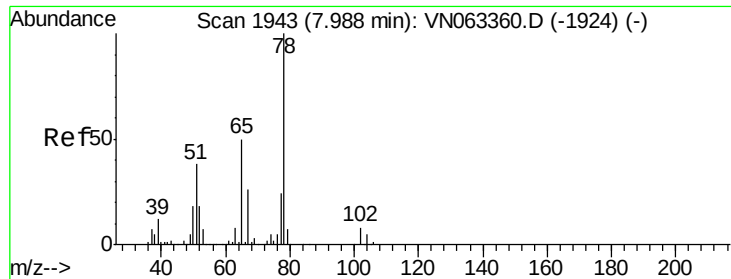
2000

1000

0

Time--> 6.70 6.75 6.80 6.85

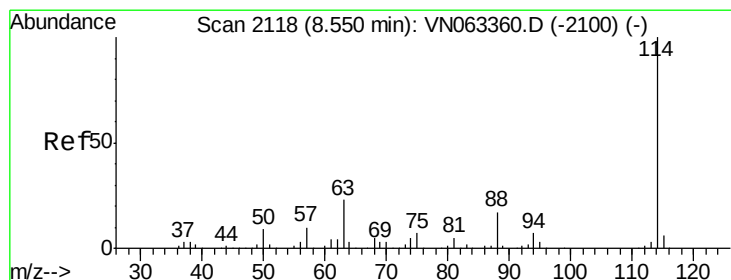
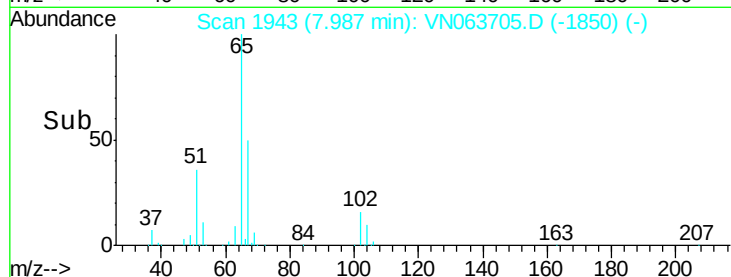
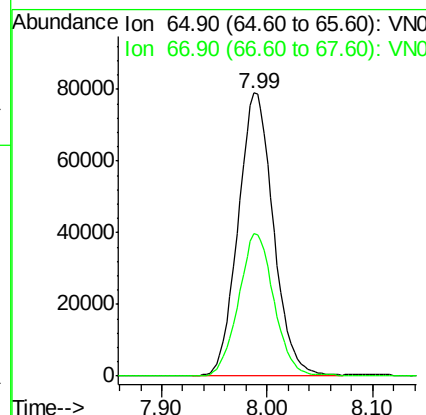
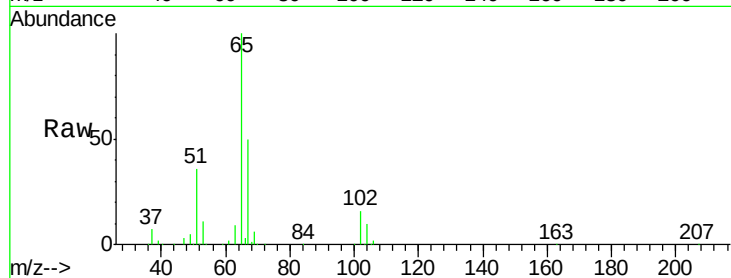




#33
 1,2-Dichloroethane-d4
 Concen: 50.709 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063705.D
 Acq: 28 Sep 2020 15:09

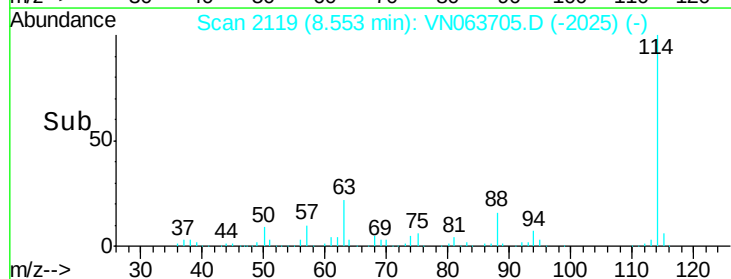
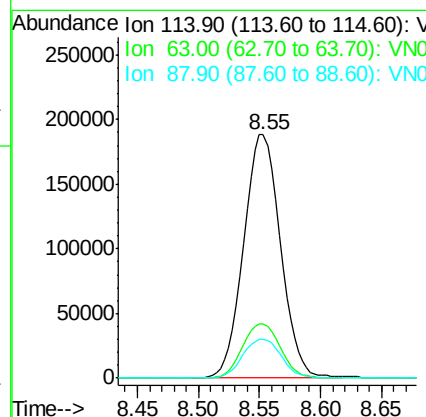
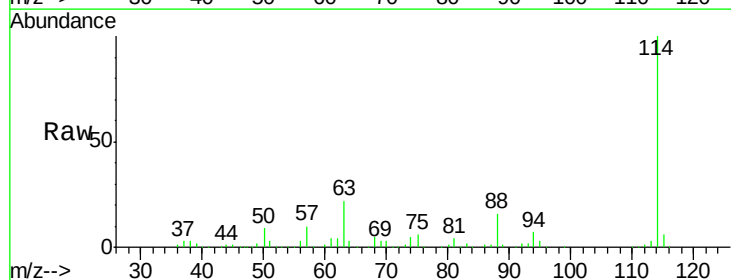
Instrument :
 MSVOA_N
 ClientSampleId :
 MW1DDL

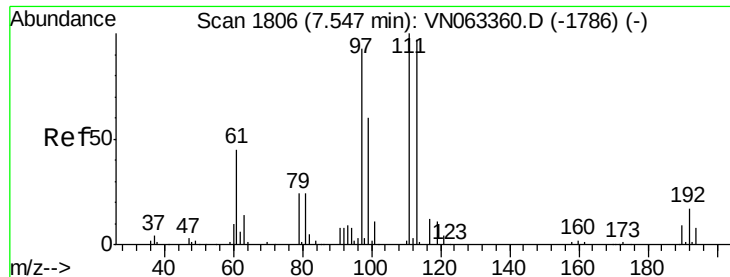
Tot Ion: 65 Resp: 183660
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063705.D
 Acq: 28 Sep 2020 15:09

Tgt Ion: 114 Resp: 393624
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 46.4
 88 16.1 0.0 33.2

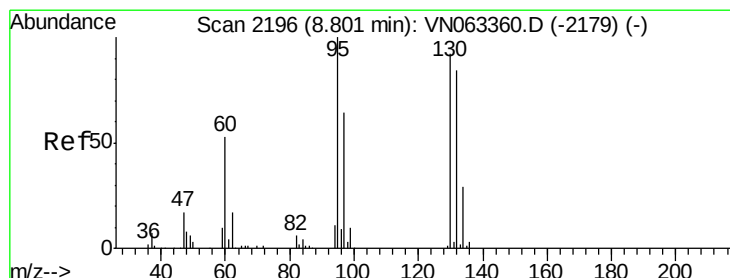
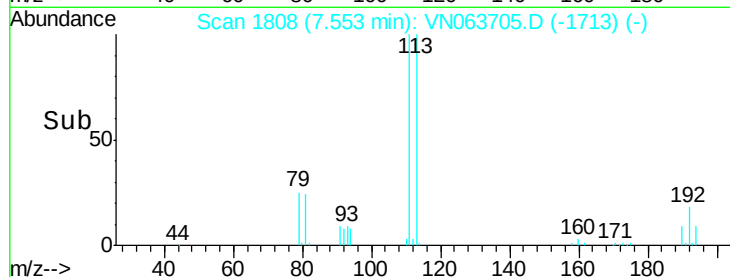
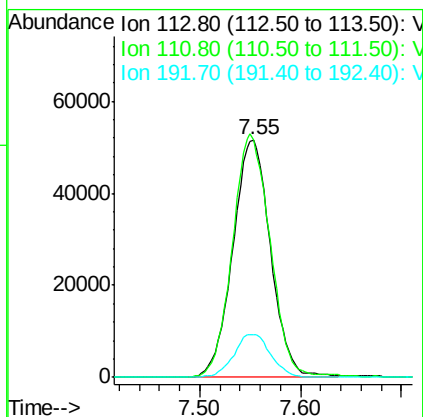
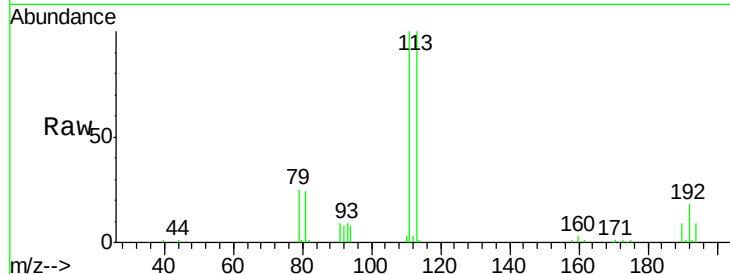




#35
 Dibromofluoromethane
 Concen: 49.095 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.01 min
 Lab File: VN063705.D
 Acq: 28 Sep 2020 15:09

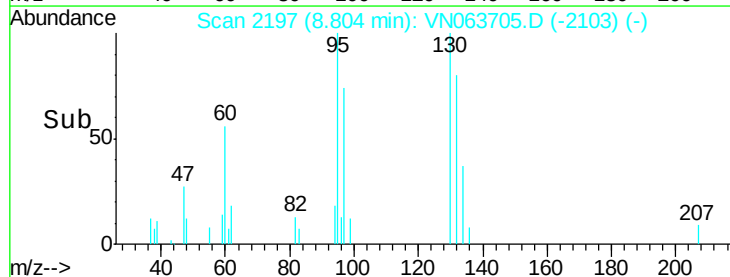
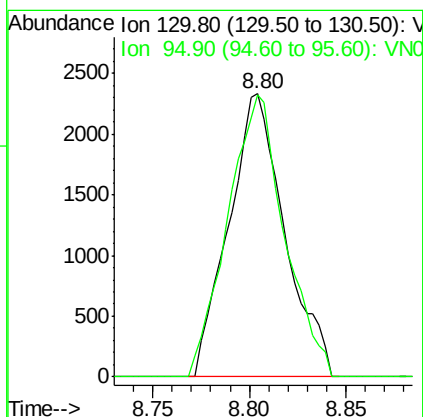
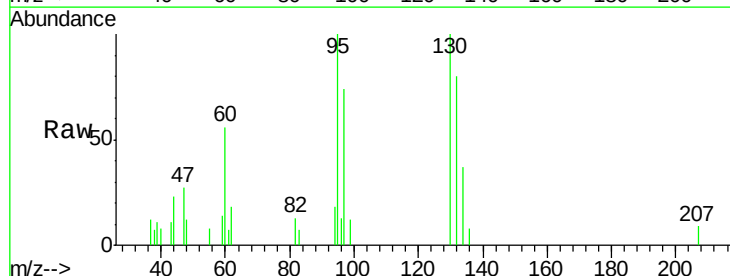
Instrument :
 MSVOA_N
 ClientSampleId :
 MW1DDL

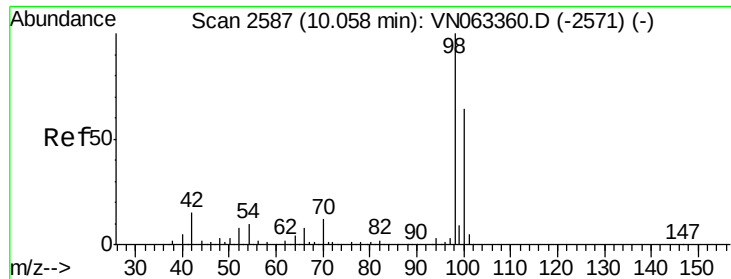
Tot Ion:113 Resp: 133784
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.9 124.3
 192 17.7 13.9 20.9



#44
 Trichloroethene
 Concen: 1.619 ug/l
 RT: 8.80 min Scan# 2197
 Delta R.T. 0.00 min
 Lab File: VN063705.D
 Acq: 28 Sep 2020 15:09

Tgt Ion:130 Resp: 4701
 Ion Ratio Lower Upper
 130 100
 95 99.5 0.0 217.4





#50

Toluene-d8

Concen: 51.332 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063705.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_N

ClientSampleId :

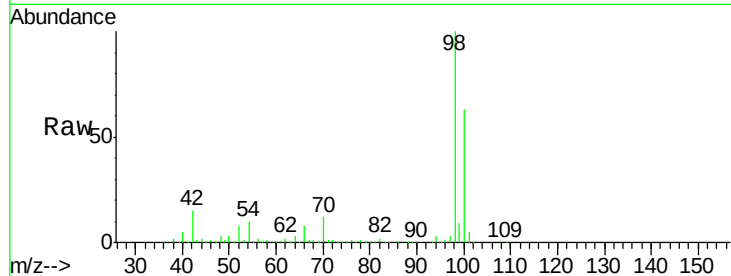
MW1DDL

Tot Ion: 98 Resp: 525971

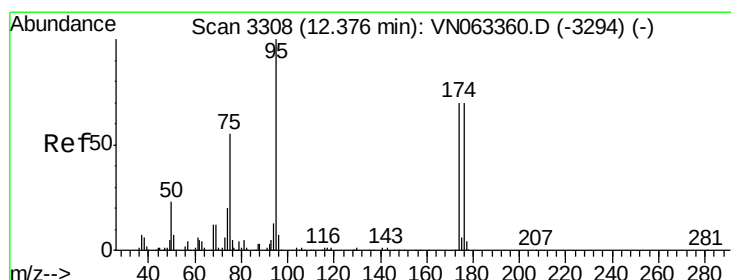
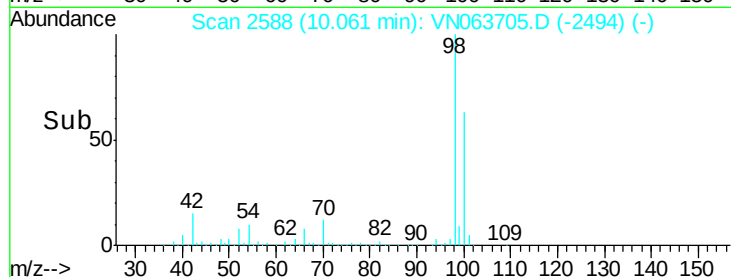
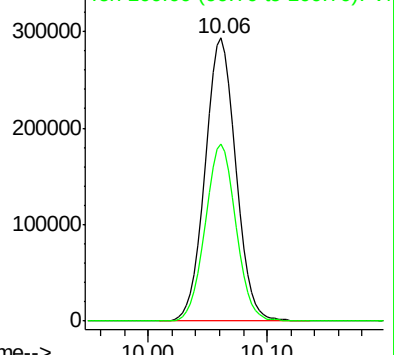
Ion Ratio Lower Upper

98 100

100 62.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063360.D (-2571) (-)



#62

4-Bromofluorobenzene

Concen: 57.855 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063705.D

Acq: 28 Sep 2020 15:09

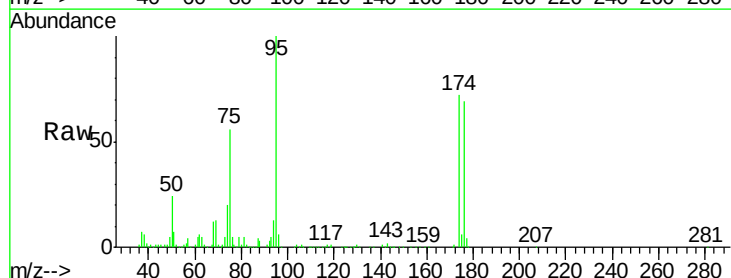
Tgt Ion: 95 Resp: 217313

Ion Ratio Lower Upper

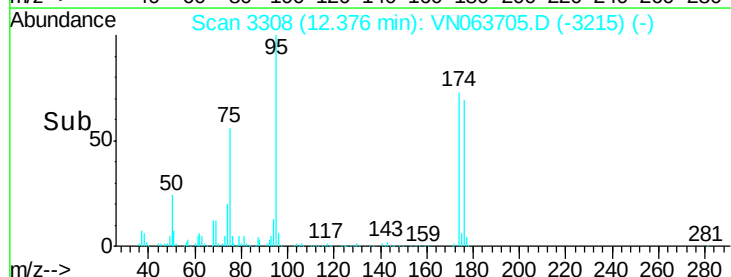
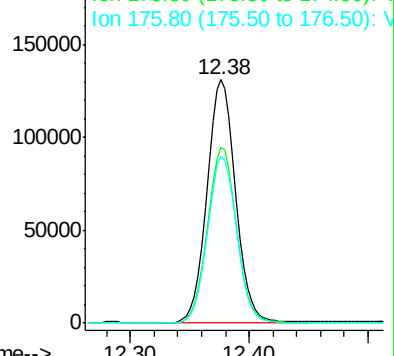
95 100

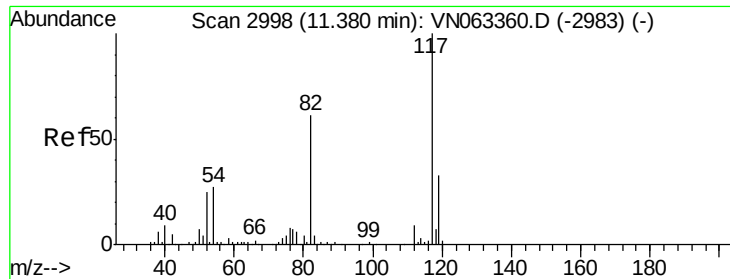
174 73.6 0.0 140.8

176 70.3 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063360.D (-3294) (-)

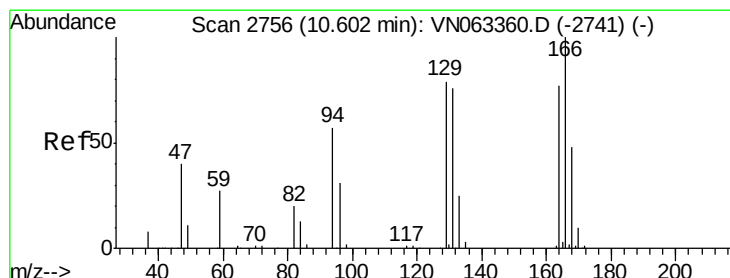
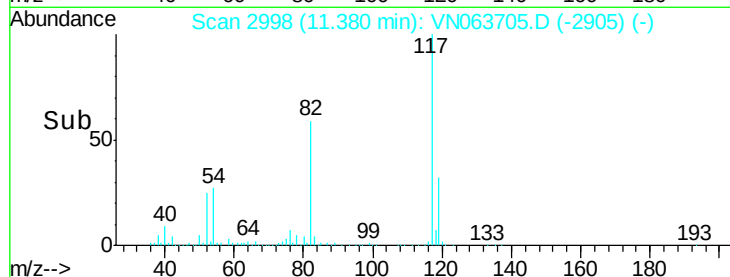
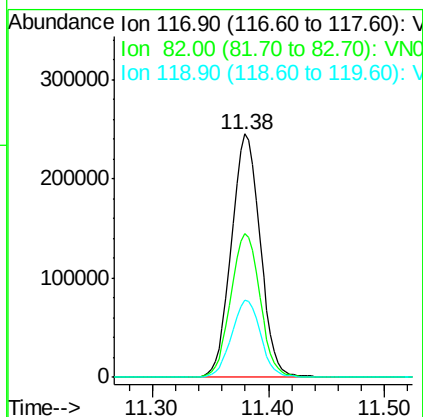
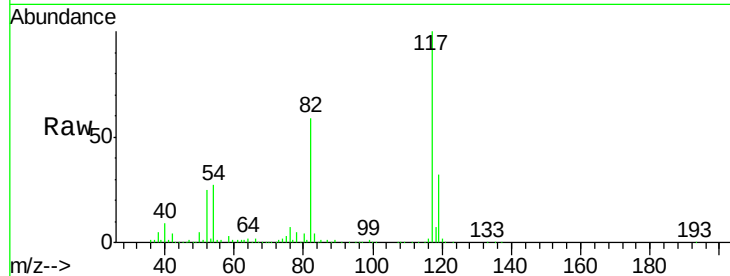




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063705.D
Acq: 28 Sep 2020 15:09

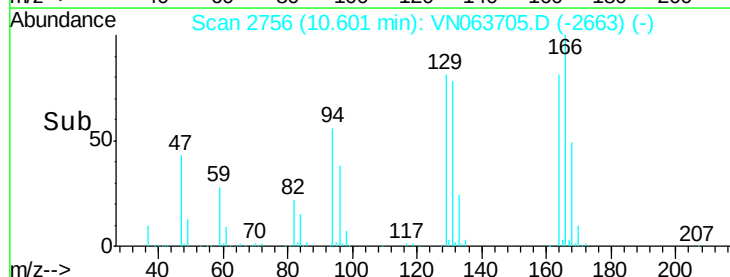
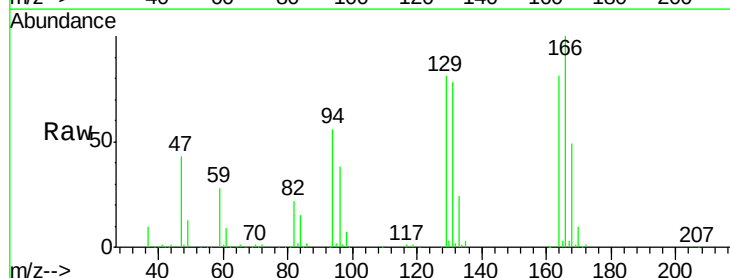
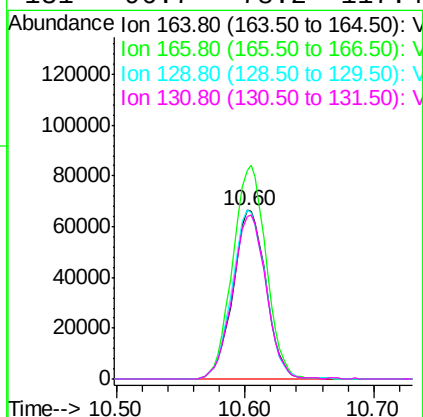
Instrument :
MSVOA_N
ClientSampleId :
MW1DDL

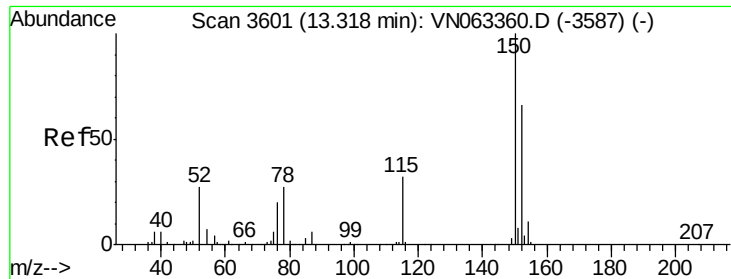
Tot Ion:117 Resp: 421292
Ion Ratio Lower Upper
117 100
82 58.9 49.2 73.8
119 31.5 26.2 39.4



#64
Tetrachloroethene
Concen: 41.289 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063705.D
Acq: 28 Sep 2020 15:09

Tgt Ion:164 Resp: 118446
Ion Ratio Lower Upper
164 100
166 124.1 103.4 155.0
129 100.6 81.8 122.6
131 96.7 78.2 117.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063705.D

Acq: 28 Sep 2020 15:09

Instrument :

MSVOA_N

ClientSampleId :

MW1DDL

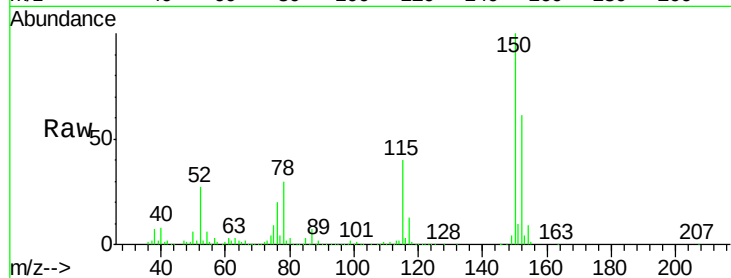
Tot Ion:152 Resp: 186015

Ion Ratio Lower Upper

152 100

115 65.2 32.2 96.6

150 160.1 0.0 343.4



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

