

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063536.D
 Acq On : 22 Sep 2020 16:32
 Operator : JC/MD
 Sample : L4082-11DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20200915DL

Quant Time: Sep 23 04:36:53 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

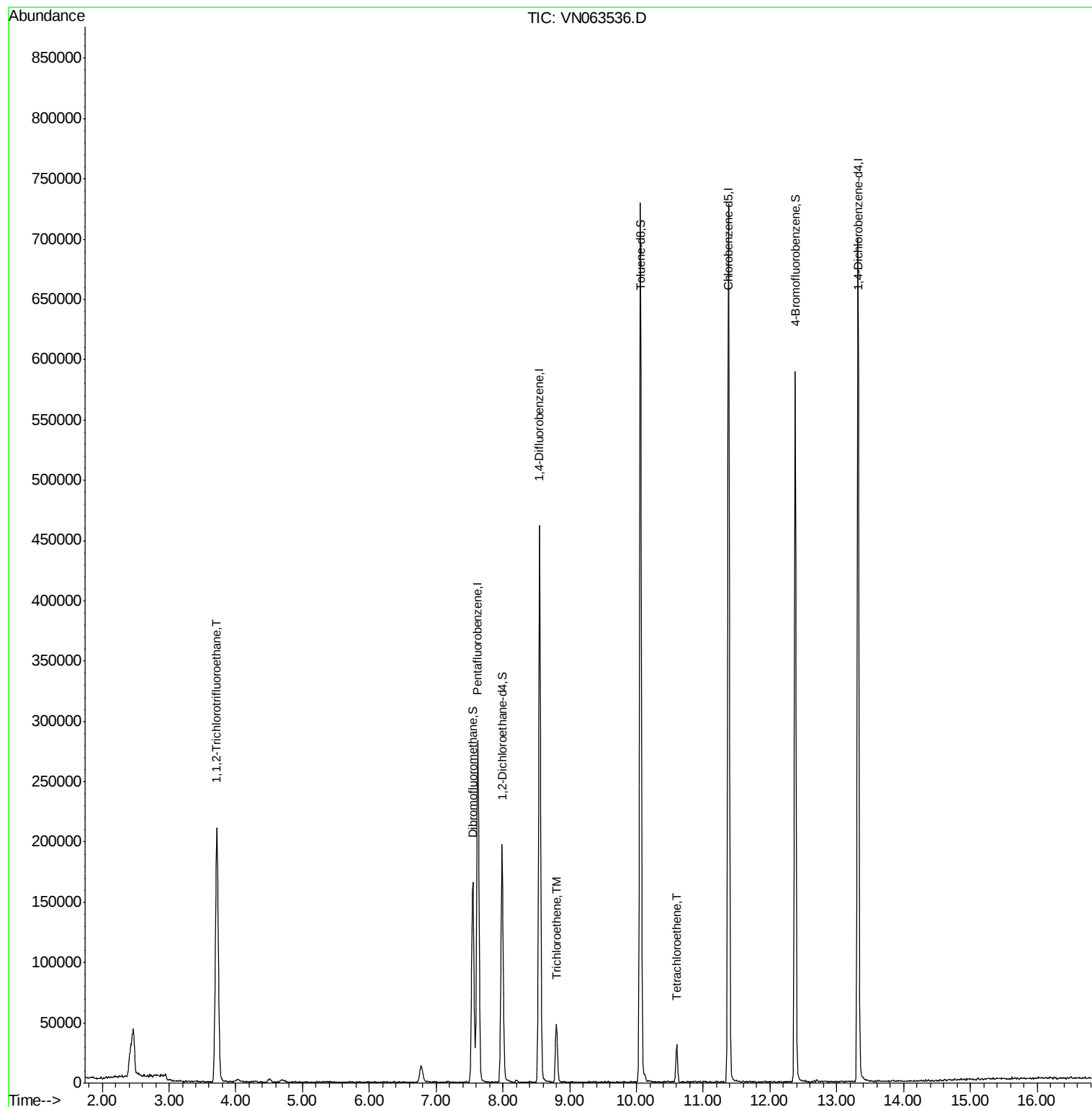
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	202325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	382431	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174234	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	173832	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	7.55	113	124766	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	10.06	98	487049	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.38	95	196756	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.71	101	130258	57.785	ug/l	100
44) Trichloroethene	8.80	130	15985	5.667	ug/l	98
64) Tetrachloroethene	10.60	164	6605	2.507	ug/l	86

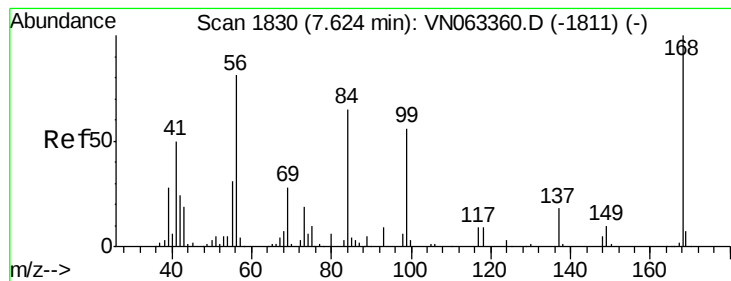
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092220\
Data File : VN063536.D
Acq On : 22 Sep 2020 16:32
Operator : JC/MD
Sample : L4082-11DL 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20200915DL

Quant Time: Sep 23 04:36:53 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: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063536.D

Acq: 22 Sep 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

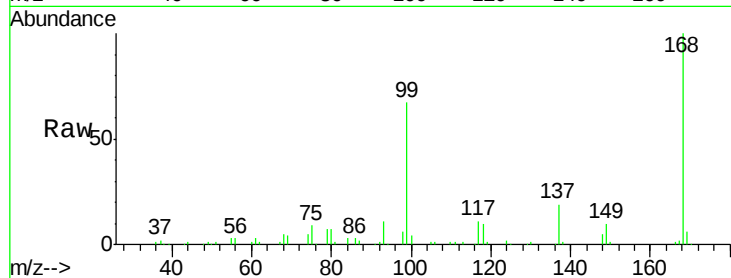
RE134D4-20200915DL

Tot Ion:168 Resp: 202325

Ion Ratio Lower Upper

168 100

99 66.9 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

80000

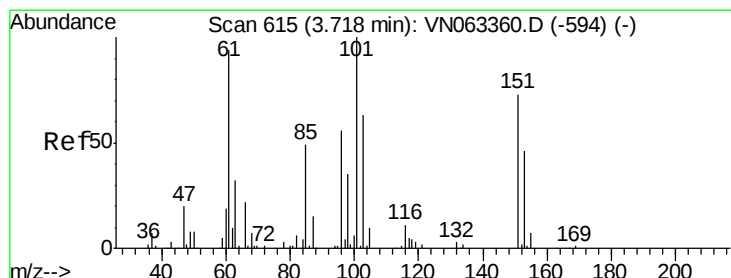
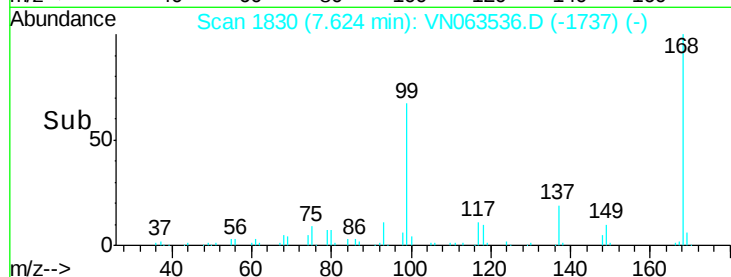
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.785 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN063536.D

Acq: 22 Sep 2020 16:32

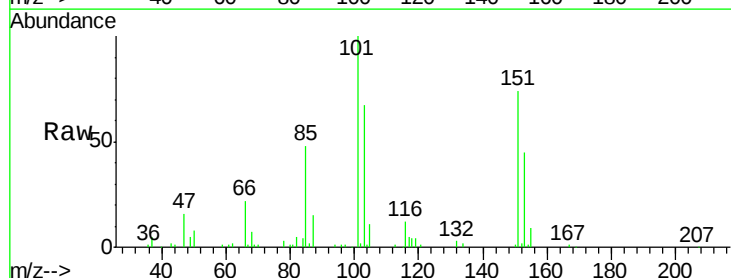
Tgt Ion:101 Resp: 130258

Ion Ratio Lower Upper

101 100

85 47.3 37.7 56.5

151 72.2 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V

3.71

50000

40000

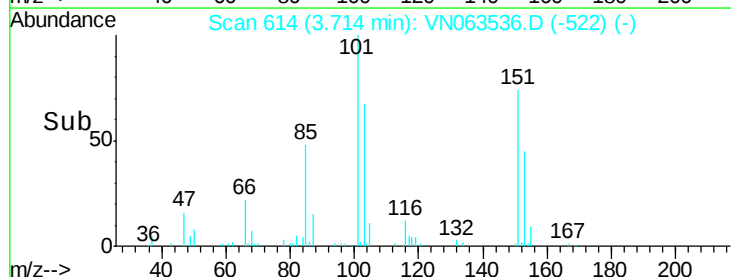
30000

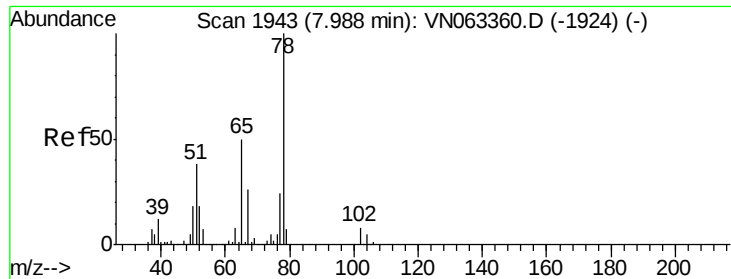
20000

10000

0

Time--> 3.60 3.70 3.80

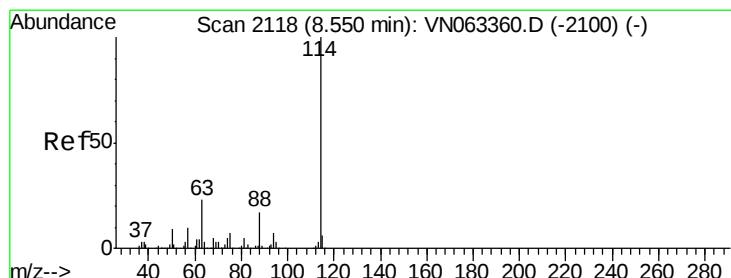
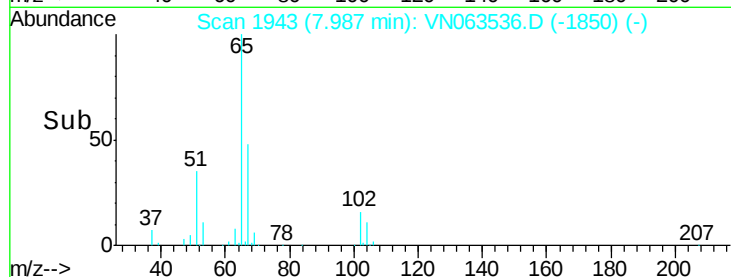
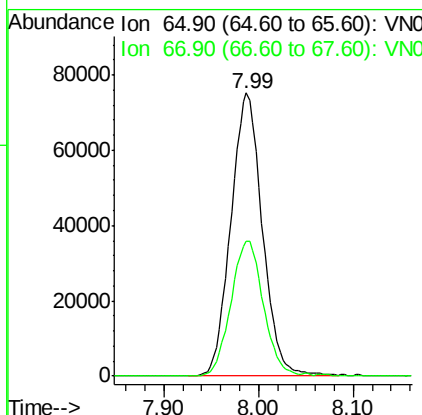
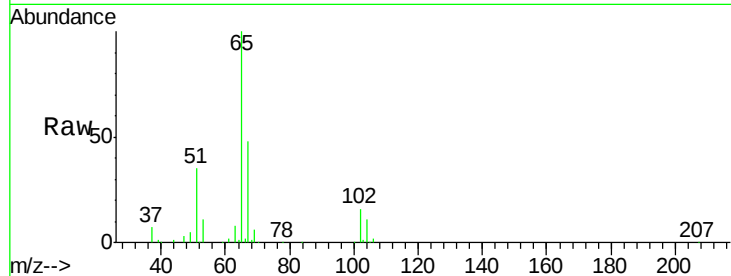




#33
 1,2-Dichloroethane-d4
 Concen: 50.472 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN063536.D
 Acq: 22 Sep 2020 16:32

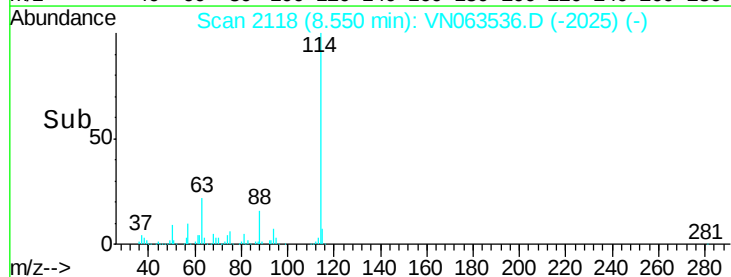
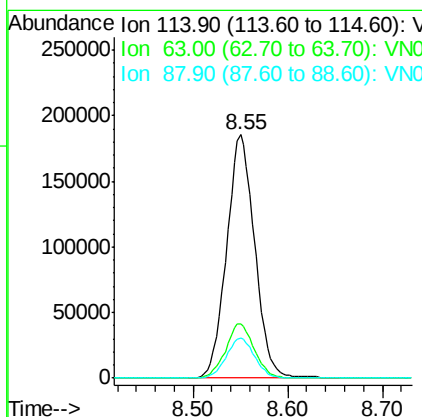
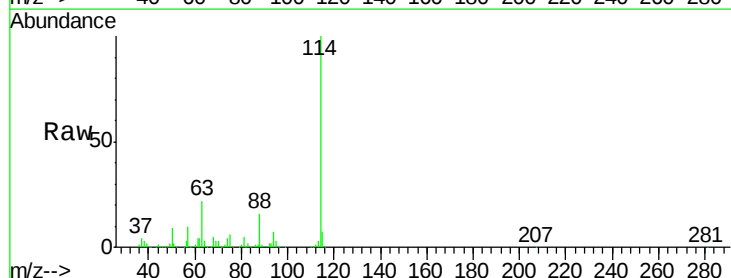
Instrument :
 MSVOA_N
 ClientSampleId :
 RE134D4-20200915DL

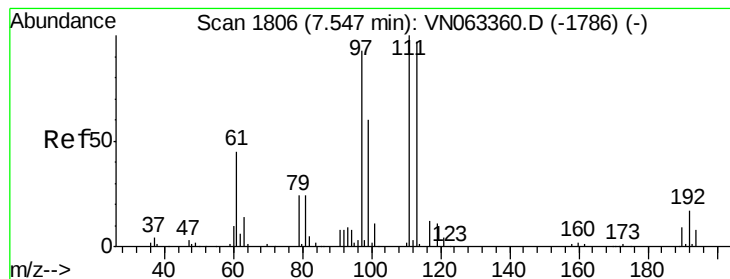
Tot Ion: 65 Resp: 173832
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 104.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063536.D
 Acq: 22 Sep 2020 16:32

Tgt Ion: 114 Resp: 382431
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 46.4
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 47.126 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN063536.D

Acq: 22 Sep 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

RE134D4-20200915DL

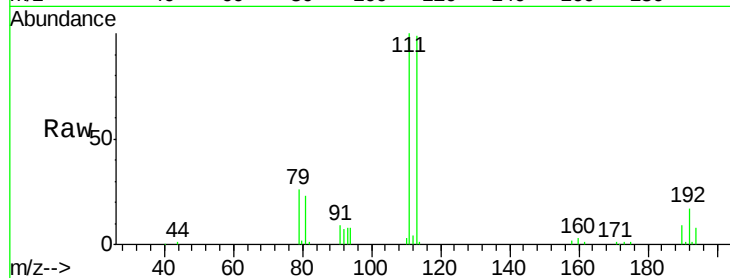
Tot Ion:113 Resp: 124766

Ion Ratio Lower Upper

113 100

111 100.1 82.9 124.3

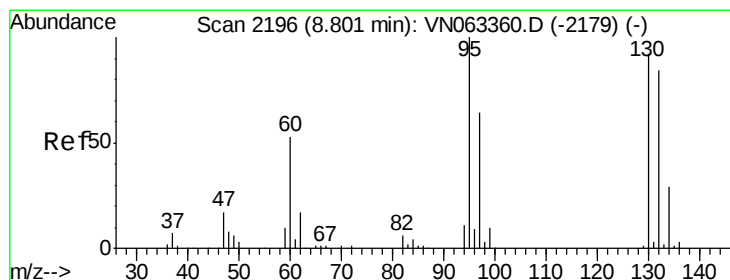
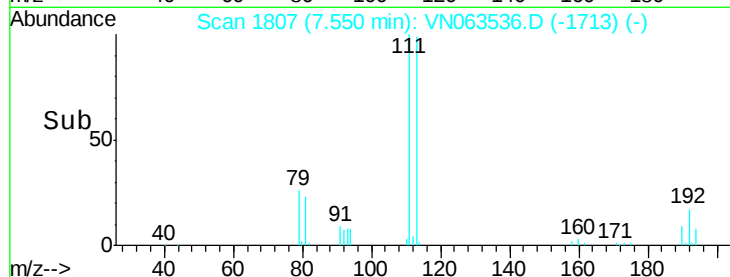
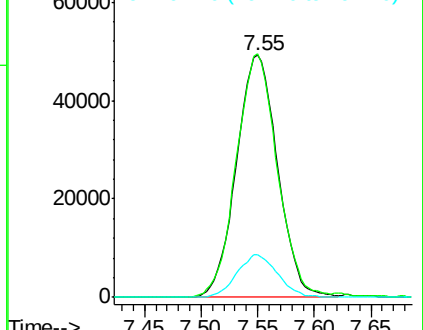
192 17.4 13.9 20.9



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



#44

Trichloroethene

Concen: 5.667 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063536.D

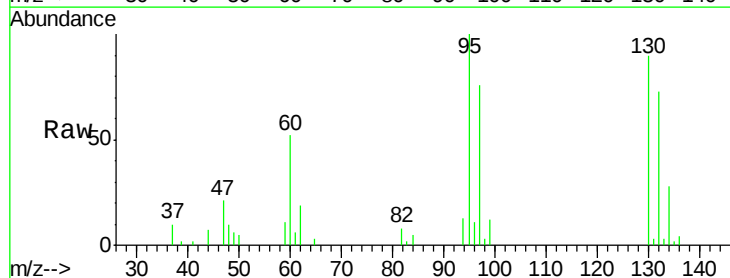
Acq: 22 Sep 2020 16:32

Tgt Ion:130 Resp: 15985

Ion Ratio Lower Upper

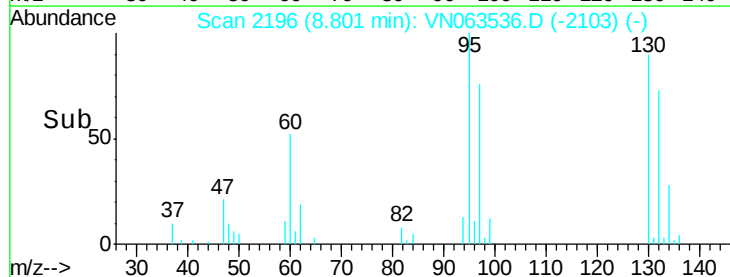
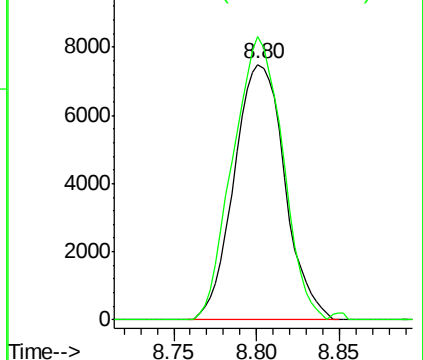
130 100

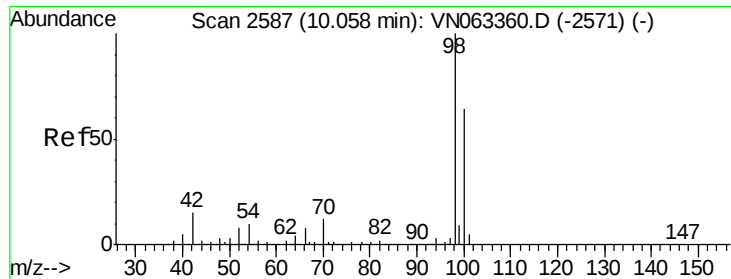
95 110.7 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.925 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063536.D

Acq: 22 Sep 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

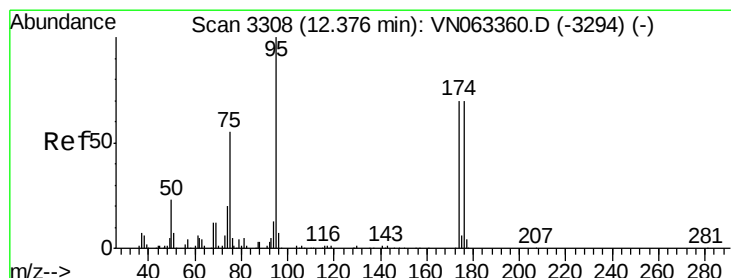
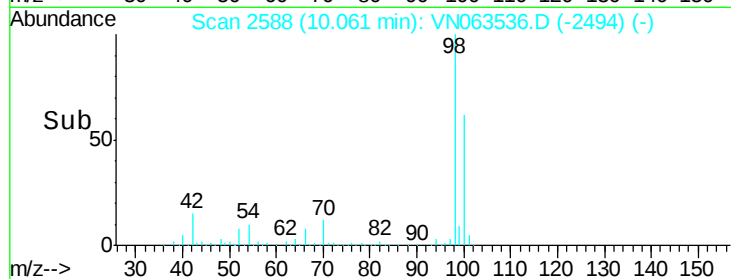
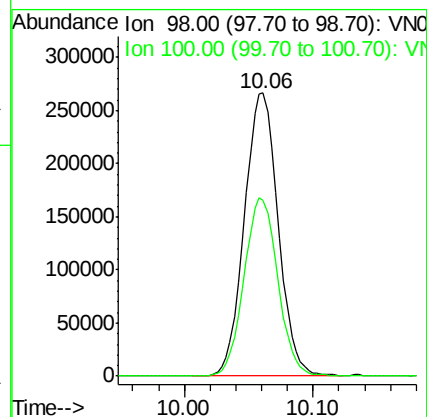
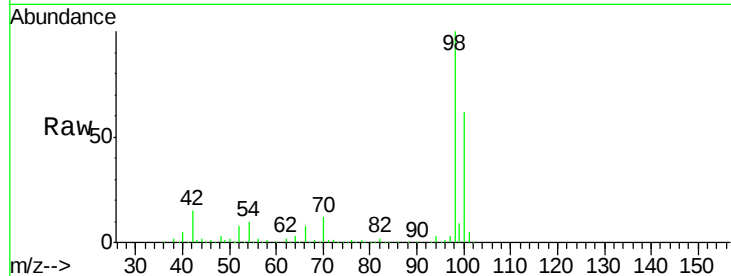
RE134D4-20200915DL

Tot Ion: 98 Resp: 487049

Ion Ratio Lower Upper

98 100

100 63.0 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 53.916 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063536.D

Acq: 22 Sep 2020 16:32

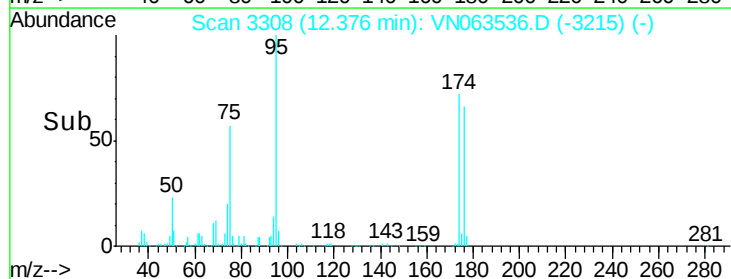
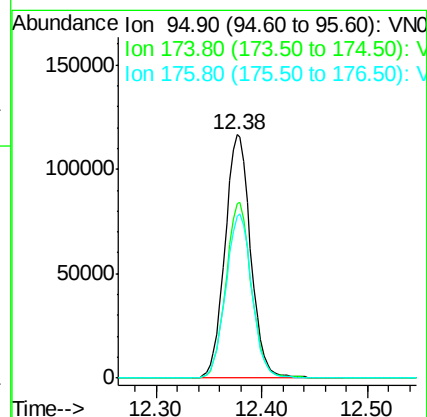
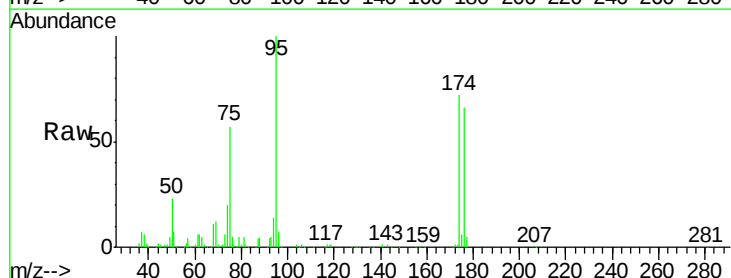
Tgt Ion: 95 Resp: 196756

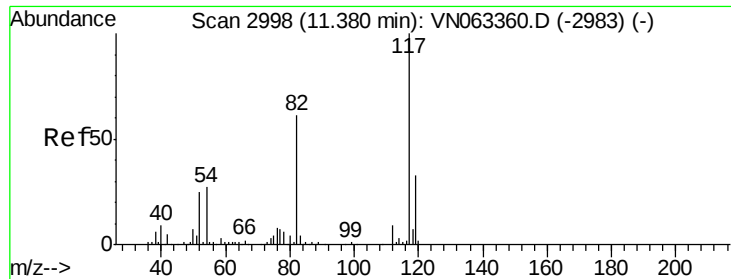
Ion Ratio Lower Upper

95 100

174 71.5 0.0 140.8

176 68.3 0.0 137.6

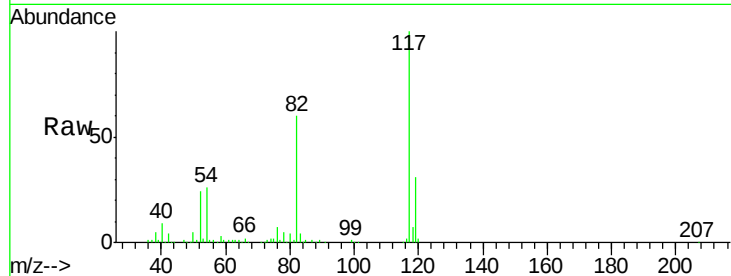




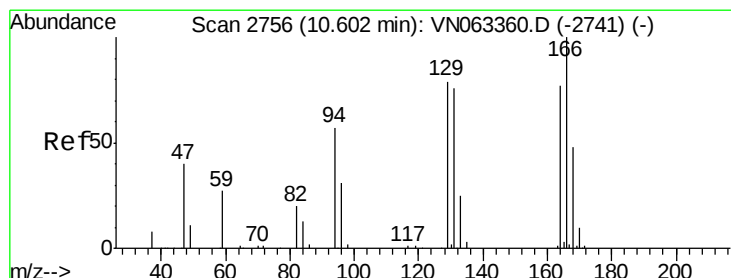
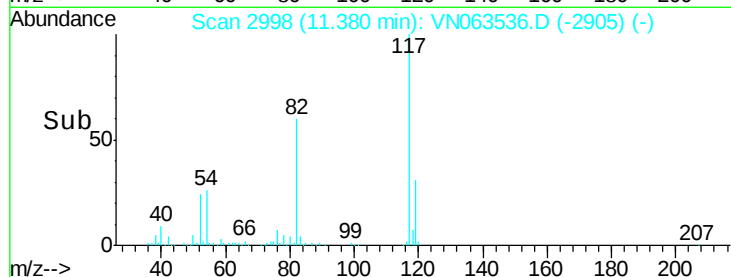
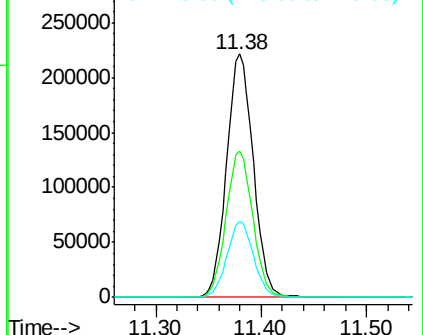
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063536.D
Acq: 22 Sep 2020 16:32

Instrument :
MSVOA_N
ClientSampleId :
RE134D4-20200915DL

Tot Ion:117 Resp: 386959
Ion Ratio Lower Upper
117 100
82 59.9 49.2 73.8
119 31.3 26.2 39.4

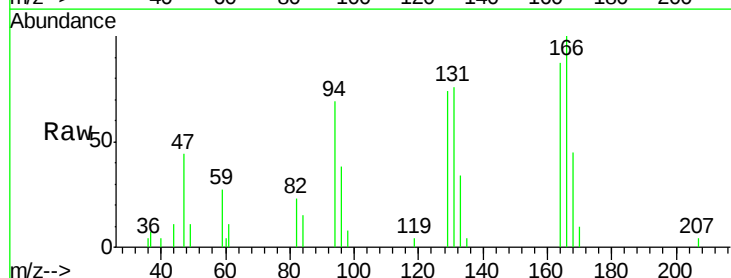


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

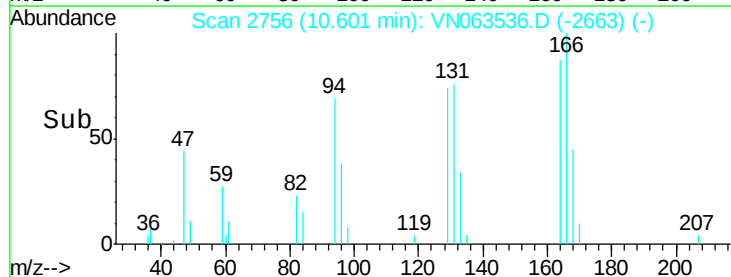
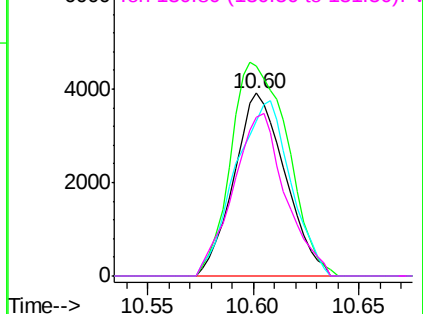


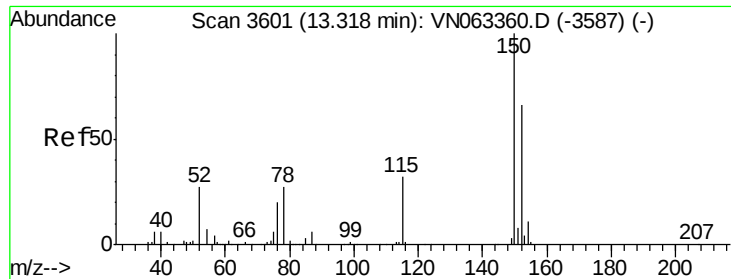
#64
Tetrachloroethene
Concen: 2.507 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063536.D
Acq: 22 Sep 2020 16:32

Tgt Ion:164 Resp: 6605
Ion Ratio Lower Upper
164 100
166 114.5 103.4 155.0
129 84.5 81.8 122.6
131 86.9 78.2 117.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): 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: VN063536.D

Acq: 22 Sep 2020 16:32

Instrument :

MSVOA_N

ClientSampleId :

RE134D4-20200915DL

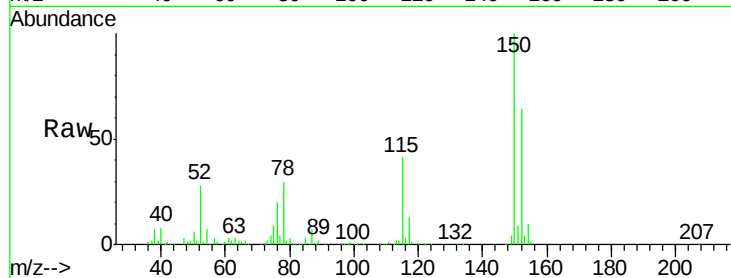
Tot Ion:152 Resp: 174234

Ion Ratio Lower Upper

152 100

115 63.3 32.2 96.6

150 156.8 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

