

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092220\
 Data File : VN063539.D
 Acq On : 22 Sep 2020 17:43
 Operator : JC/MD
 Sample : L4082-20DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20200916DL

Quant Time: Sep 23 04:46:17 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

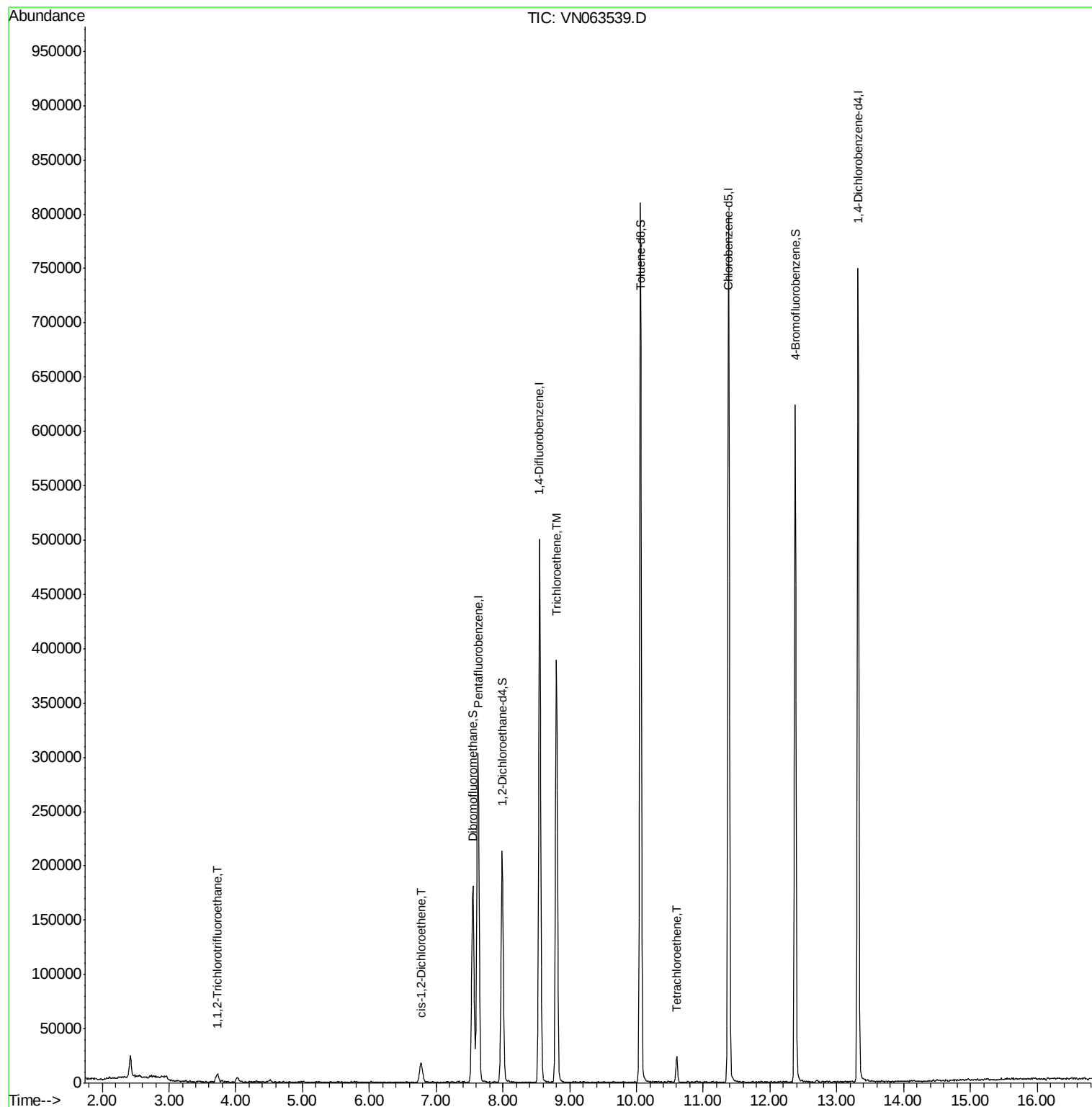
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	225284	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	413710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	421590	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176249	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	187260	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	7.55	113	134789	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
50) Toluene-d8	10.06	98	533415	49.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.38	95	210391	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.73	101	4600	1.833	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	2538	0.796	ug/l	48
44) Trichloroethene	8.80	130	129458	42.422	ug/l	100
64) Tetrachloroethene	10.60	164	4522	1.575	ug/l	93

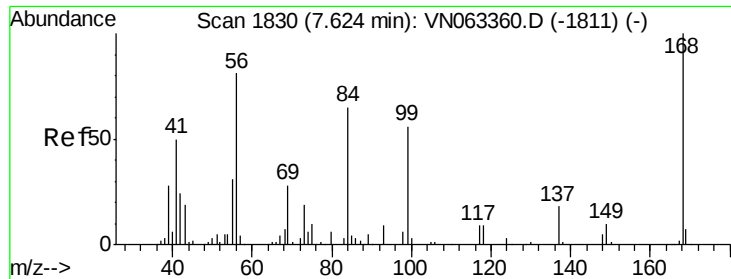
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN063539.D

Acq: 22 Sep 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

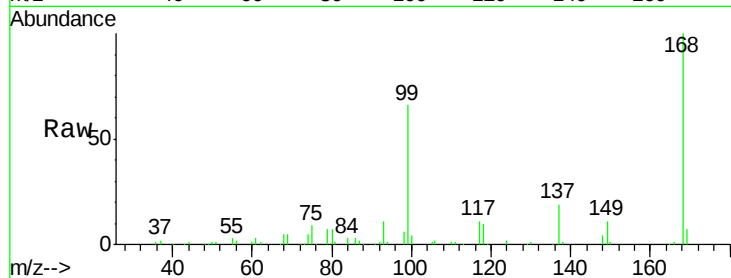
RE125D1-20200916DL

Tot Ion:168 Resp: 225284

Ion Ratio Lower Upper

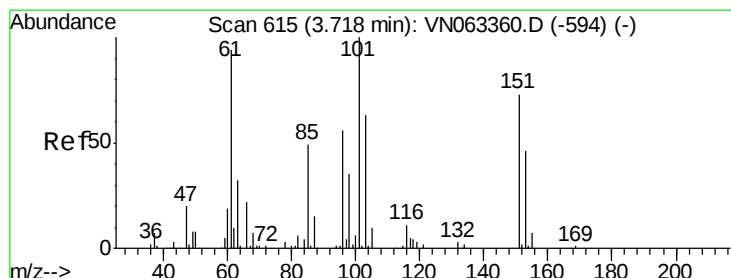
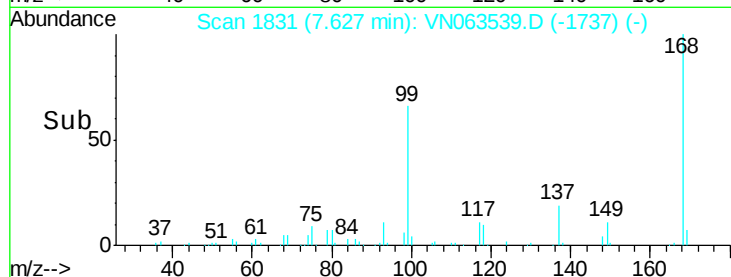
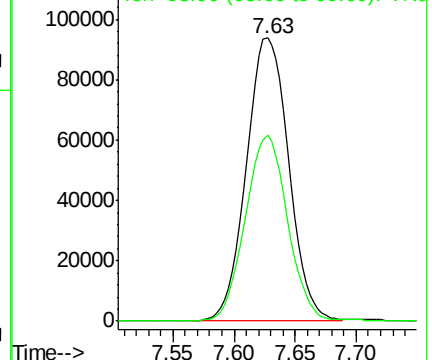
168 100

99 65.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.833 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN063539.D

Acq: 22 Sep 2020 17:43

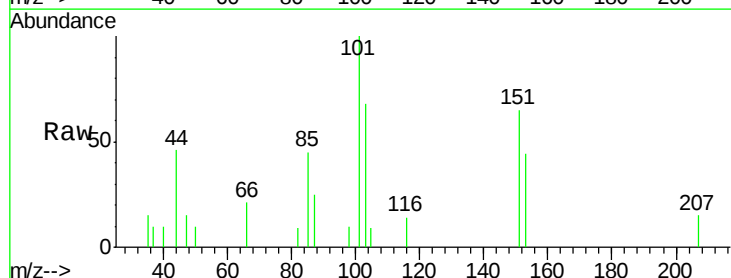
Tgt Ion:101 Resp: 4600

Ion Ratio Lower Upper

101 100

85 47.7 37.7 56.5

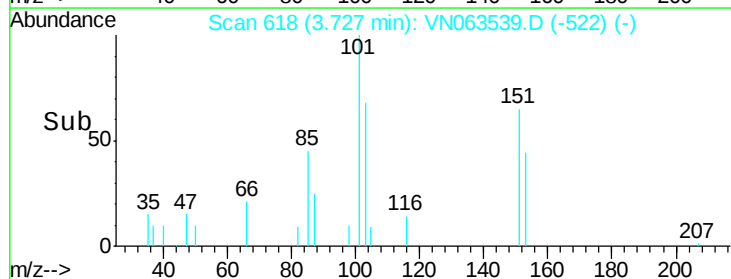
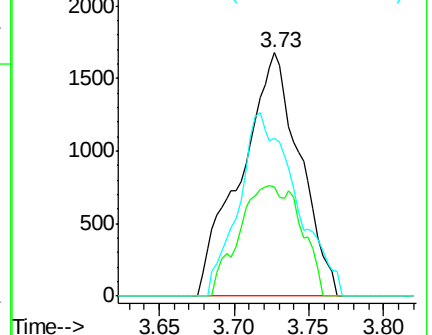
151 72.9 57.7 86.5

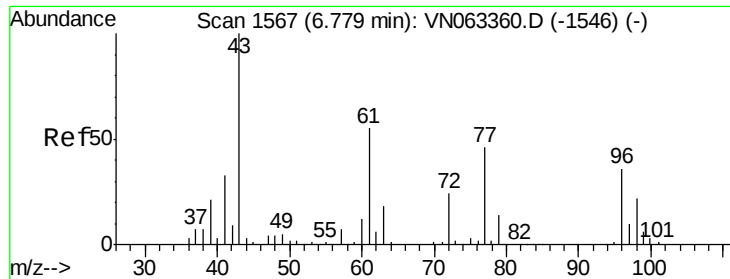


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V





#27

cis-1,2-Dichloroethene

Concen: 0.796 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN063539.D

Acq: 22 Sep 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20200916DL

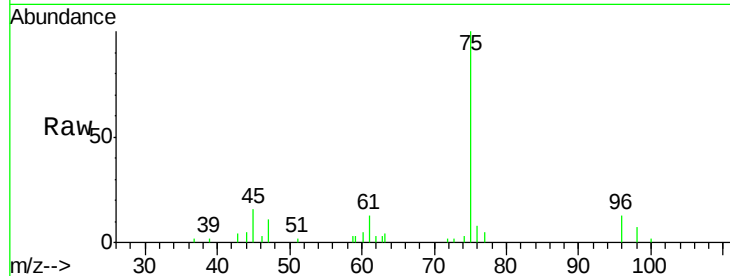
Tot Ion: 96 Resp: 2538

Ion Ratio Lower Upper

96 100

61 87.5 0.0 319.6

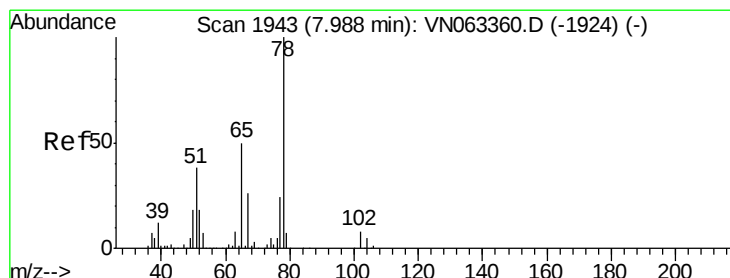
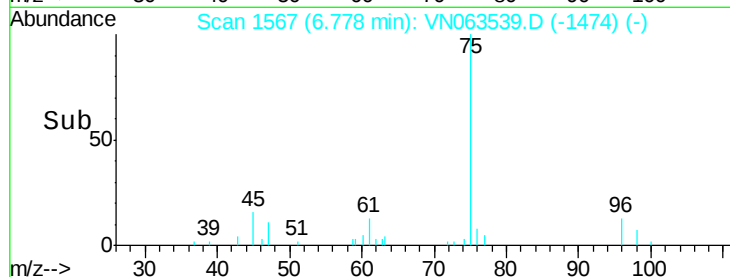
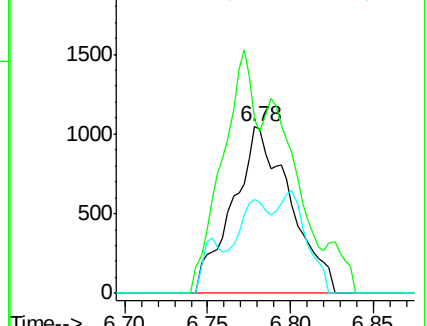
98 29.7 0.0 127.8



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



#33

1,2-Dichloroethane-d4

Concen: 48.830 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063539.D

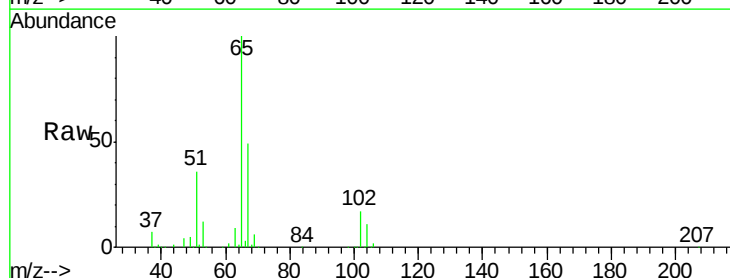
Acq: 22 Sep 2020 17:43

Tgt Ion: 65 Resp: 187260

Ion Ratio Lower Upper

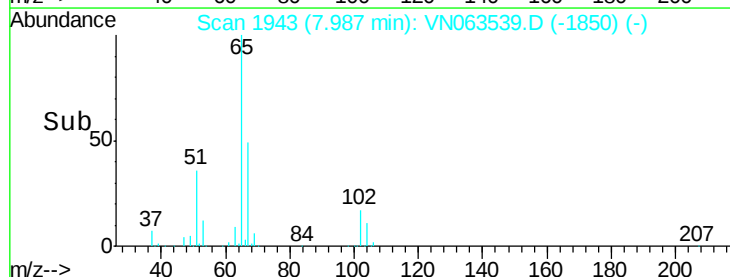
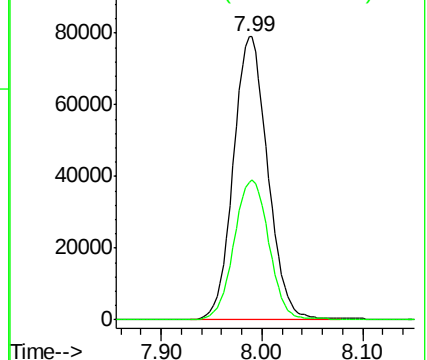
65 100

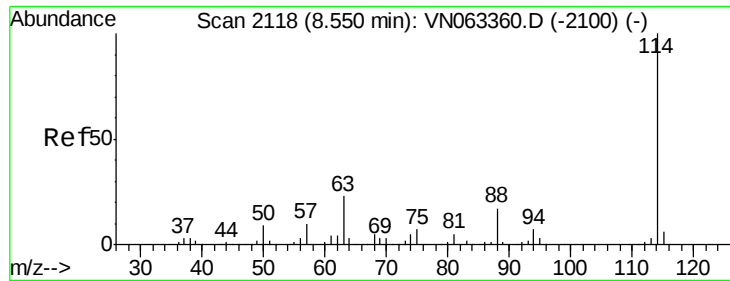
67 49.9 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

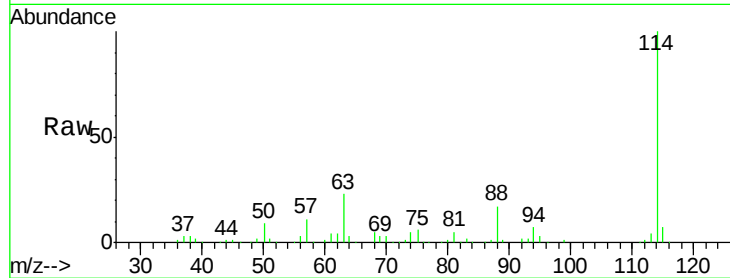




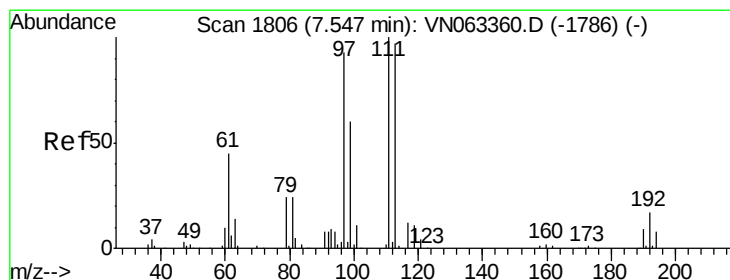
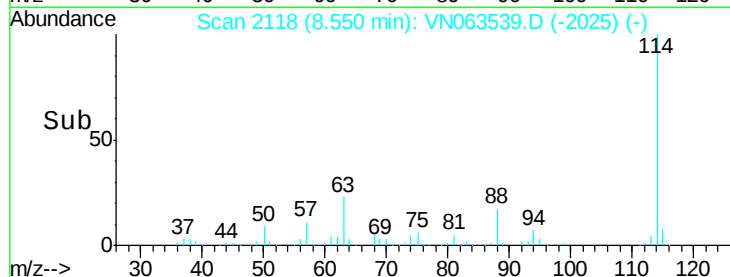
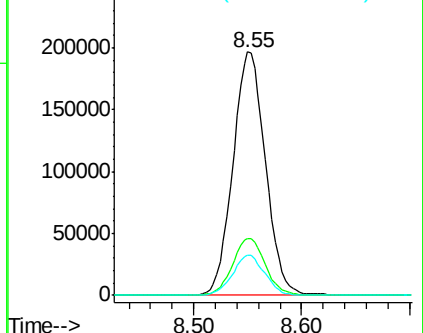
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063539.D
 Acq: 22 Sep 2020 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20200916DL

Tot Ion:114 Resp: 413710
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.4
 88 16.7 0.0 33.2

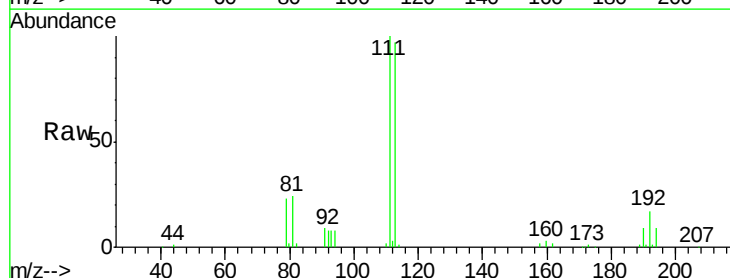


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

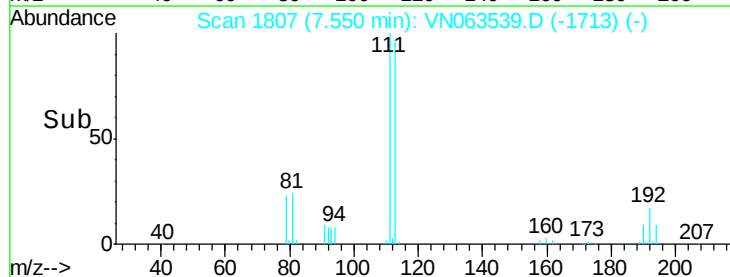
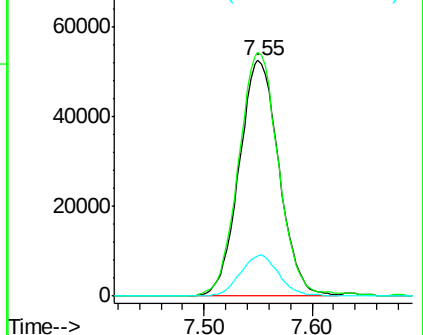


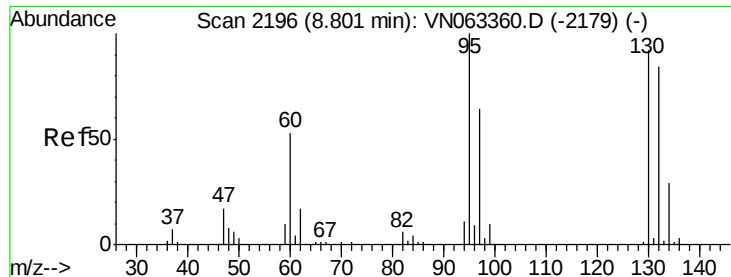
#35
 Dibromofluoromethane
 Concen: 47.063 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063539.D
 Acq: 22 Sep 2020 17:43

Tgt Ion:113 Resp: 134789
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 16.9 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: 42.422 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN063539.D

Acq: 22 Sep 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

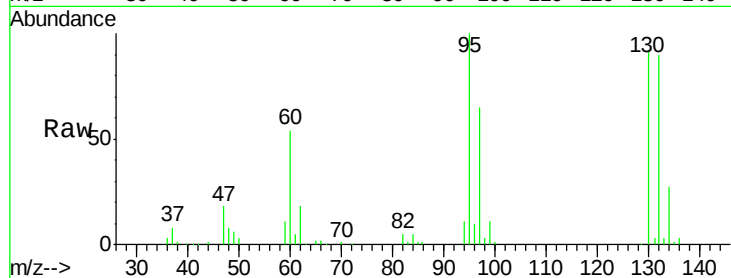
RE125D1-20200916DL

Tot Ion:130 Resp: 129458

Ion Ratio Lower Upper

130 100

95 108.9 0.0 217.4



Abundance Ion 129.80 (129.50 to 130.50): VN063360.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN063360.D (-2179) (-)

8.80

60000

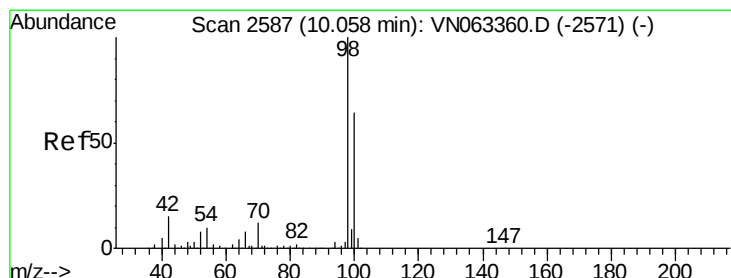
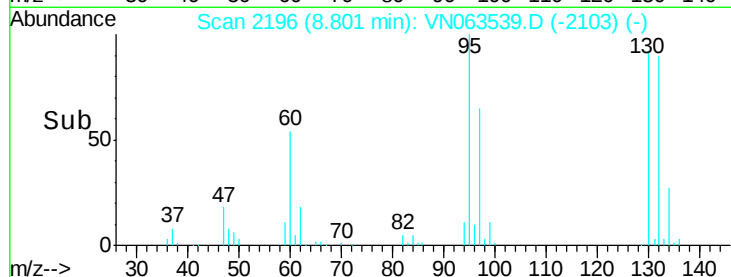
40000

20000

0

Time-->

8.70 8.80 8.90



#50

Toluene-d8

Concen: 49.531 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN063539.D

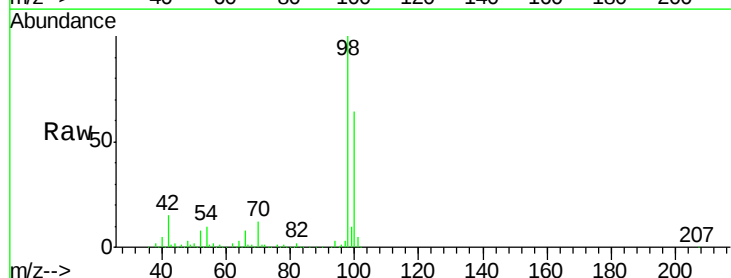
Acq: 22 Sep 2020 17:43

Tgt Ion: 98 Resp: 533415

Ion Ratio Lower Upper

98 100

100 63.3 50.7 76.1



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

Ion 100.00 (99.70 to 100.70): VN063360.D (-2571) (-)

10.06

300000

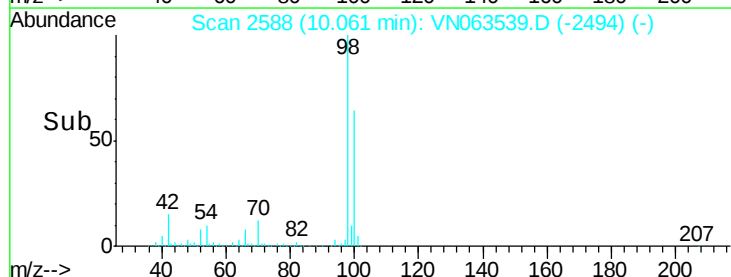
200000

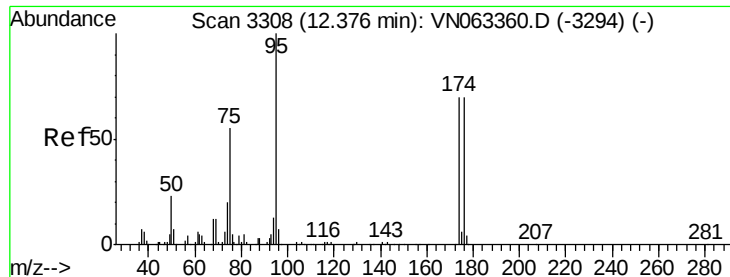
100000

0

Time-->

10.00 10.10





#62

4-Bromofluorobenzene

Concen: 53.293 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063539.D

Acq: 22 Sep 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20200916DL

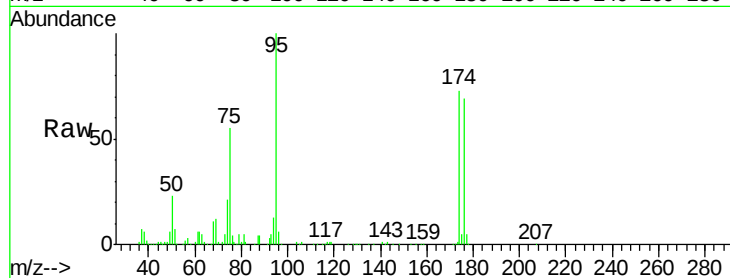
Tot Ion: 95 Resp: 210391

Ion Ratio Lower Upper

95 100

174 71.6 0.0 140.8

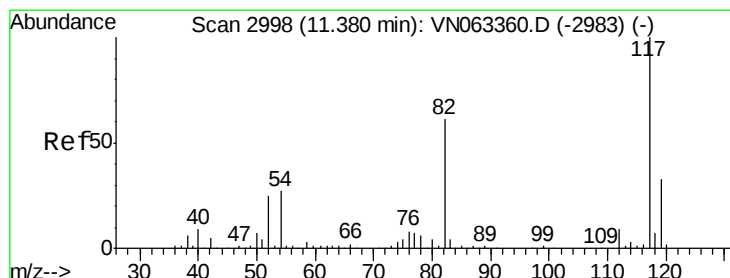
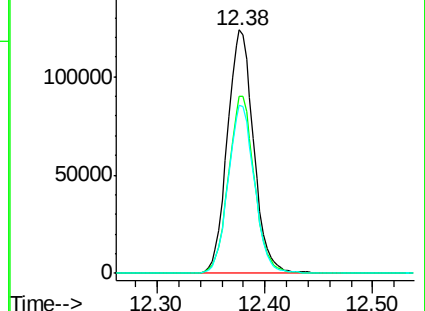
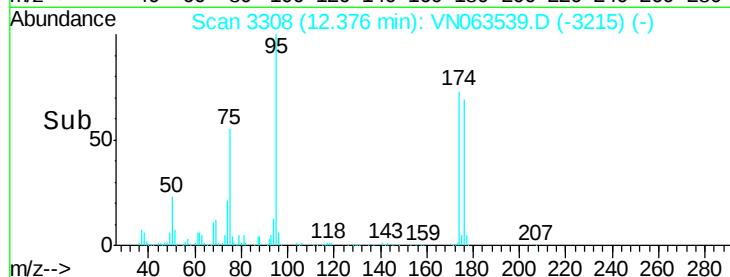
176 68.8 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN063539.D (-3215) (-)

Ion 173.80 (173.50 to 174.50): VN063539.D (-3215) (-)

Ion 175.80 (175.50 to 176.50): VN063539.D (-3215) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN063539.D

Acq: 22 Sep 2020 17:43

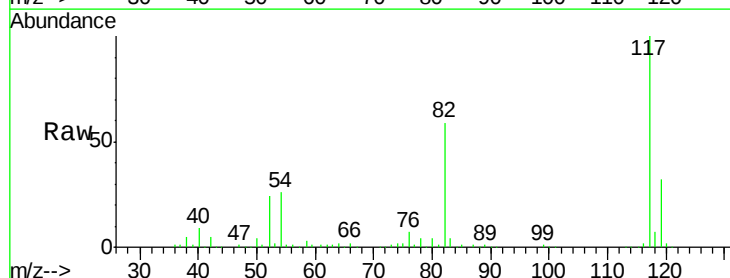
Tgt Ion: 117 Resp: 421590

Ion Ratio Lower Upper

117 100

82 58.8 49.2 73.8

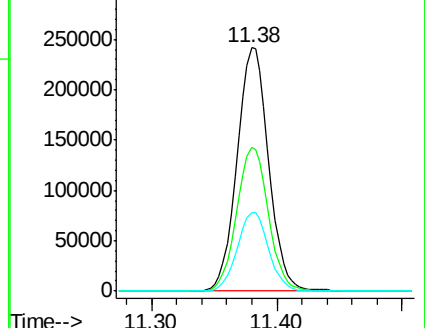
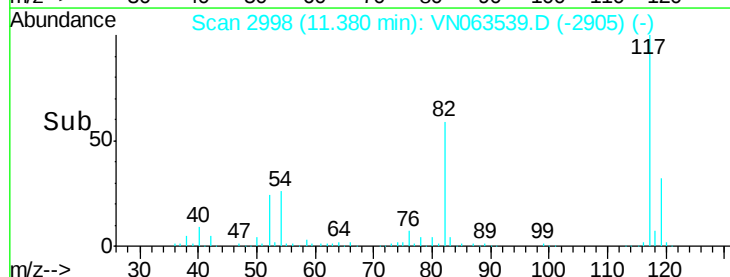
119 32.4 26.2 39.4

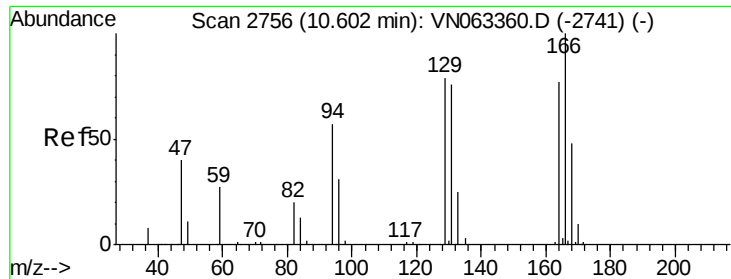


Abundance Ion 116.90 (116.60 to 117.60): VN063539.D (-2905) (-)

Ion 82.00 (81.70 to 82.70): VN063539.D (-2905) (-)

Ion 118.90 (118.60 to 119.60): VN063539.D (-2905) (-)





#64

Tetrachloroethene

Concen: 1.575 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN063539.D

Acq: 22 Sep 2020 17:43

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20200916DL

Tot Ion:164 Resp: 4522

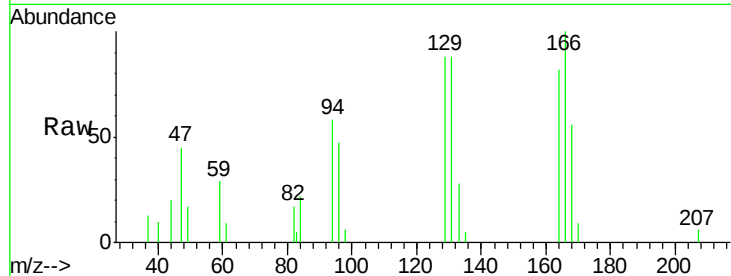
Ion Ratio Lower Upper

164 100

166 121.9 103.4 155.0

129 107.3 81.8 122.6

131 107.5 78.2 117.4

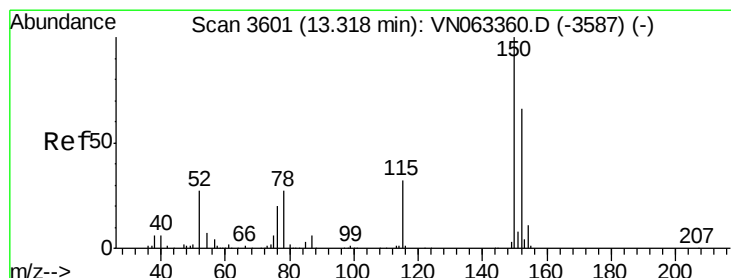
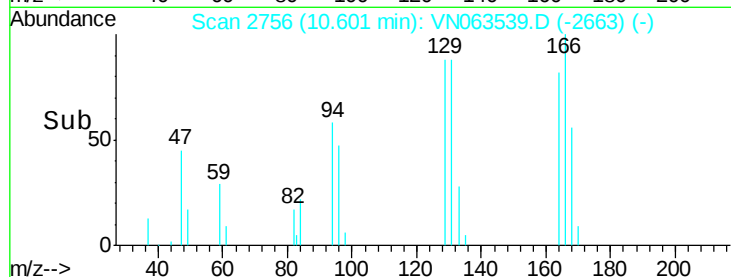
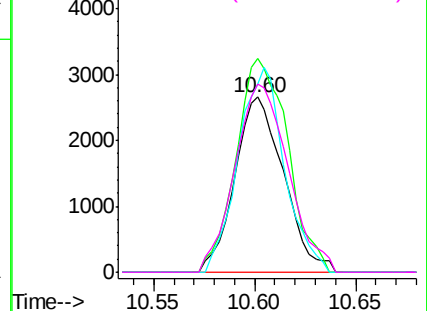


Abundance Ion 163.80 (163.50 to 164.50): V

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: VN063539.D

Acq: 22 Sep 2020 17:43

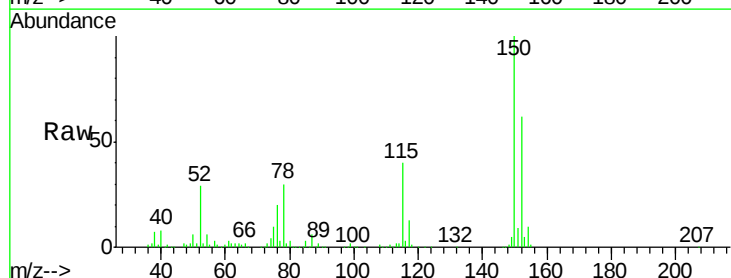
Tgt Ion:152 Resp: 176249

Ion Ratio Lower Upper

152 100

115 63.8 32.2 96.6

150 159.0 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

