

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061843.D
 Acq On : 17 Jun 2020 13:04
 Operator : JC/MD
 Sample : L2989-03DL 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20200609DL

Quant Time: Jun 18 04:36:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

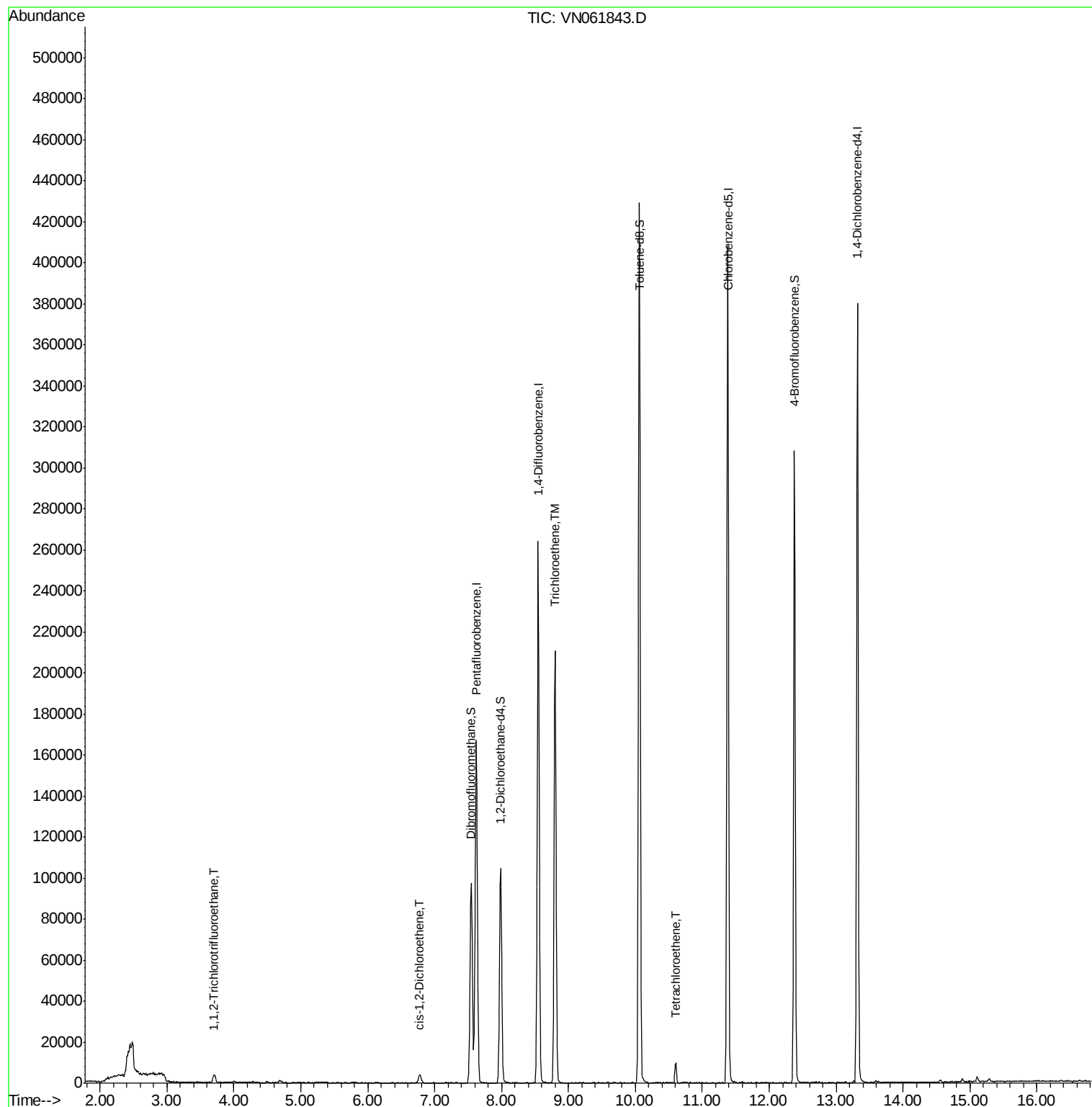
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	139419	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	246121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	240229	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	106737	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	87913	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
35) Dibromofluoromethane	7.54	113	76456	48.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.12%	
50) Toluene-d8	10.06	98	307315	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.38	95	109937	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2747	1.943	ug/l	91
27) cis-1,2-Dichloroethene	6.77	96	1517	0.808	ug/l	82
44) Trichloroethene	8.80	130	80038	44.722	ug/l	97
64) Tetrachloroethene	10.60	164	2252	1.471	ug/l	89

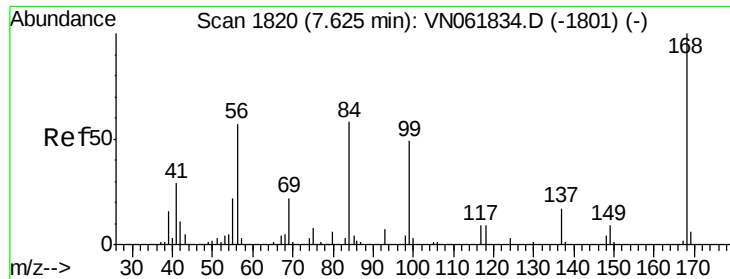
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061720\
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Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061843.D

Acq: 17 Jun 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

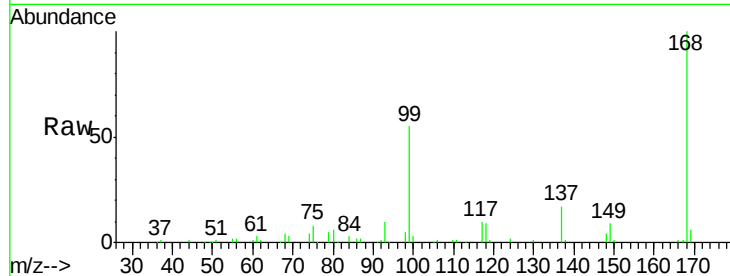
RE125D1-20200609DL

Tot Ion:168 Resp: 139419

Ion Ratio Lower Upper

168 100

99 55.1 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

60000

40000

20000

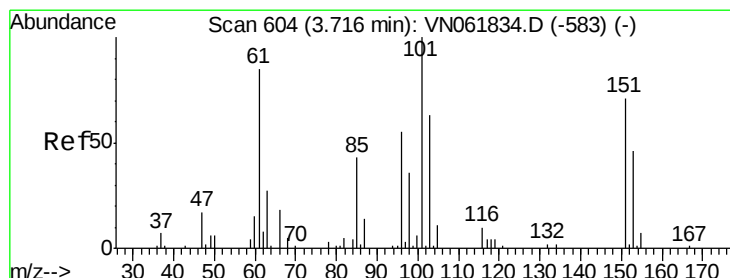
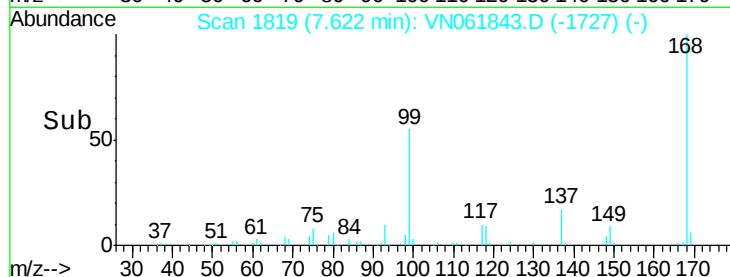
0

Time-->

7.50

7.60

7.70



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.943 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061843.D

Acq: 17 Jun 2020 13:04

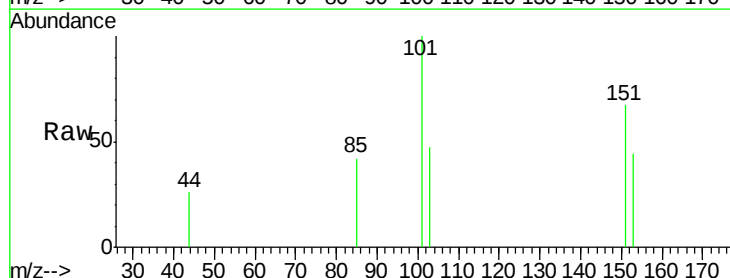
Tgt Ion:101 Resp: 2747

Ion Ratio Lower Upper

101 100

85 36.3 35.0 52.6

151 67.7 59.2 88.8



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

1000

500

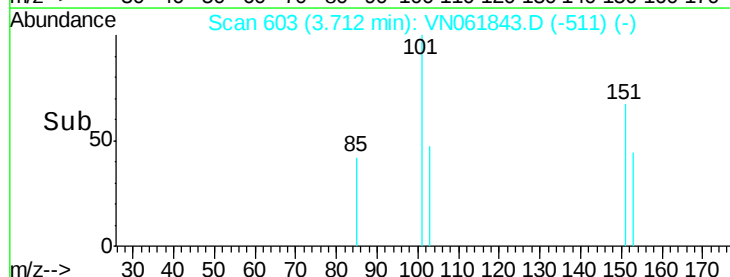
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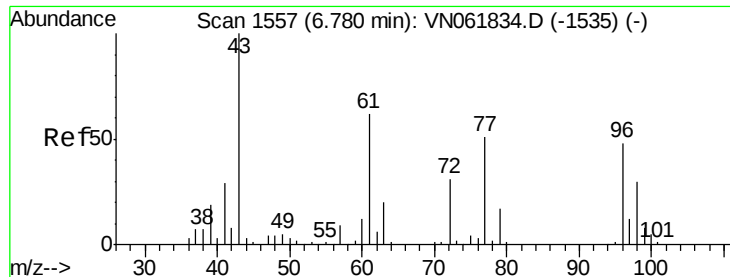
Time-->

3.65

3.70

3.75





#27

cis-1,2-Dichloroethene

Concen: 0.808 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN061843.D

Acq: 17 Jun 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20200609DL

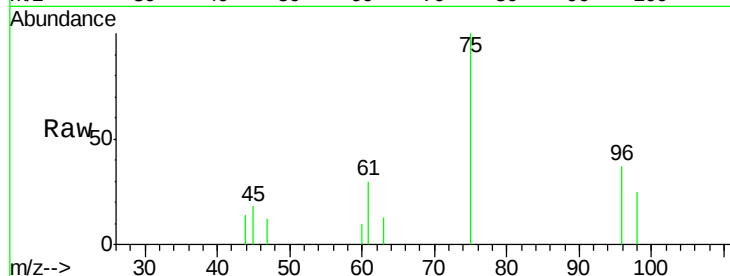
Tot Ion: 96 Resp: 1517

Ion Ratio Lower Upper

96 100

61 115.2 0.0 265.6

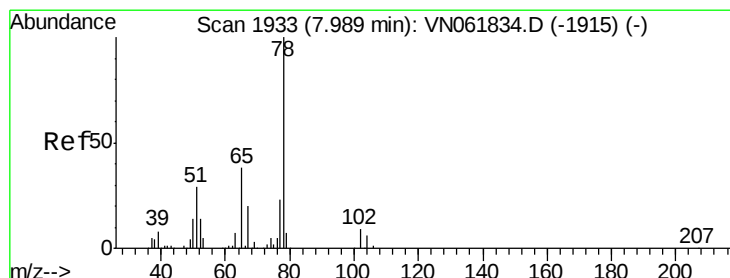
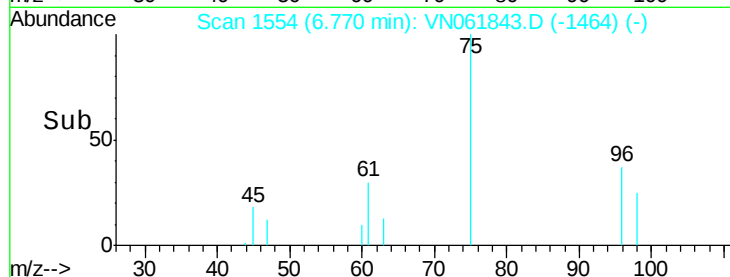
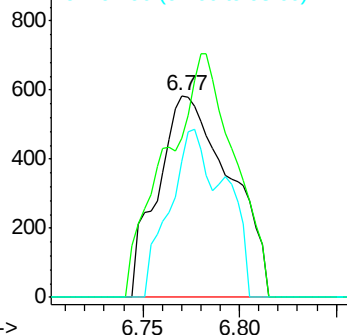
98 45.1 0.0 128.2



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: 47.017 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061843.D

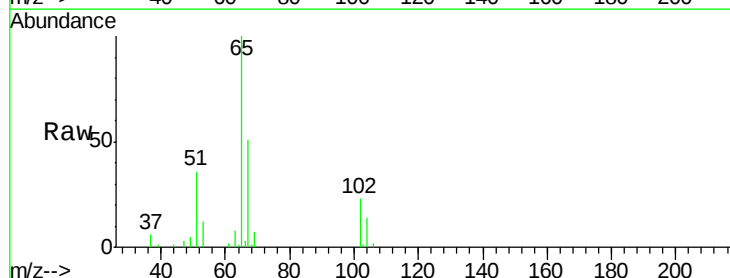
Acq: 17 Jun 2020 13:04

Tgt Ion: 65 Resp: 87913

Ion Ratio Lower Upper

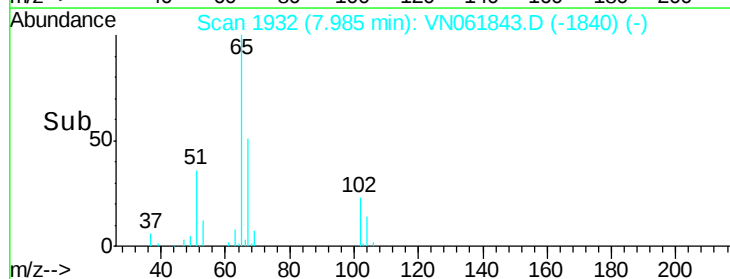
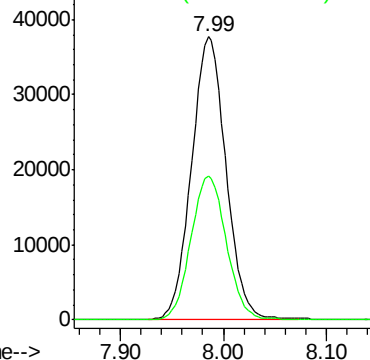
65 100

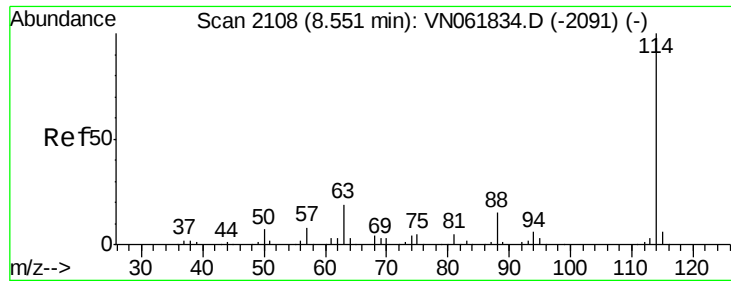
67 51.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

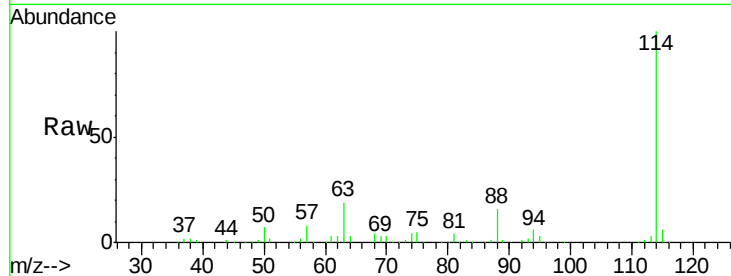




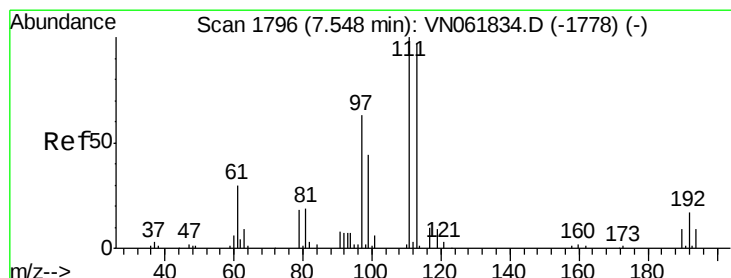
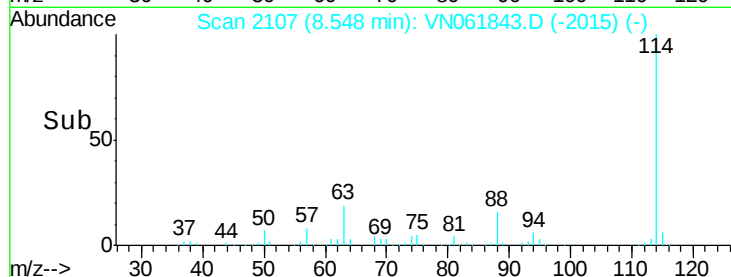
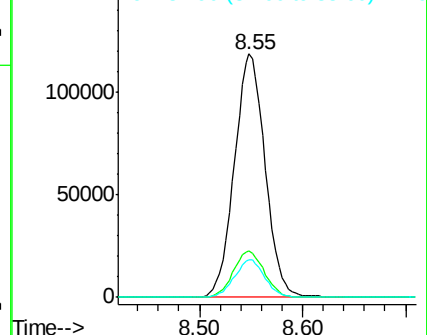
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061843.D
 Acq: 17 Jun 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20200609DL

Tot Ion:114 Resp: 246121
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.6
 88 15.5 0.0 31.0

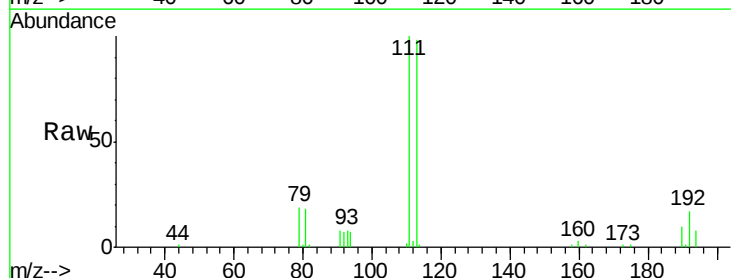


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

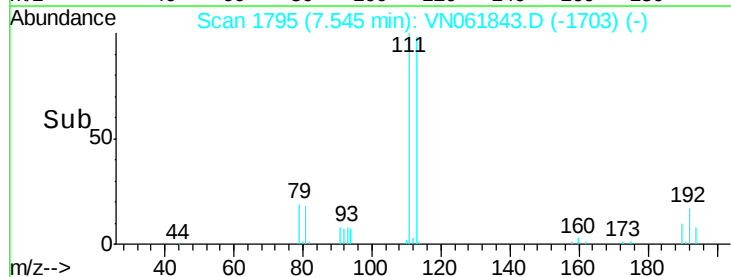
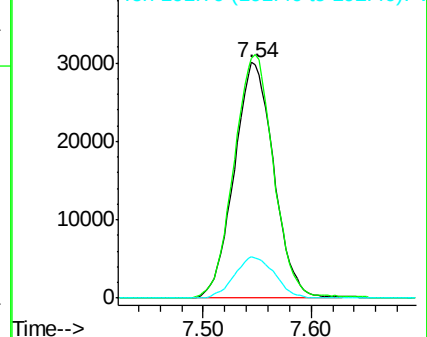


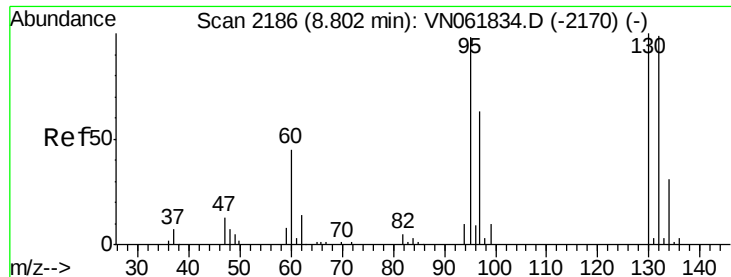
#35
 Dibromofluoromethane
 Concen: 48.557 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061843.D
 Acq: 17 Jun 2020 13:04

Tgt Ion:113 Resp: 76456
 Ion Ratio Lower Upper
 113 100
 111 103.6 83.7 125.5
 192 17.8 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

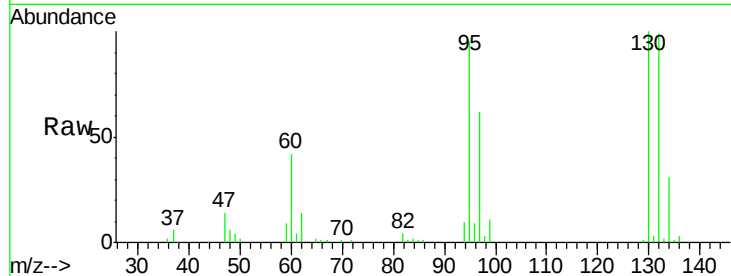




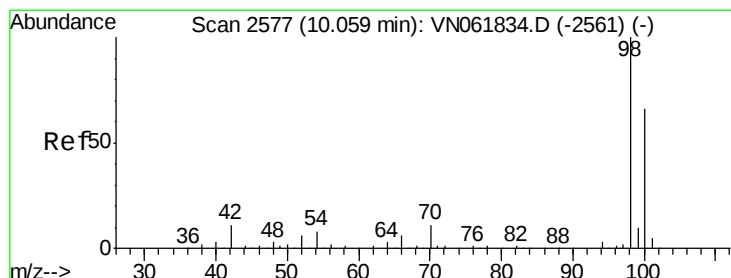
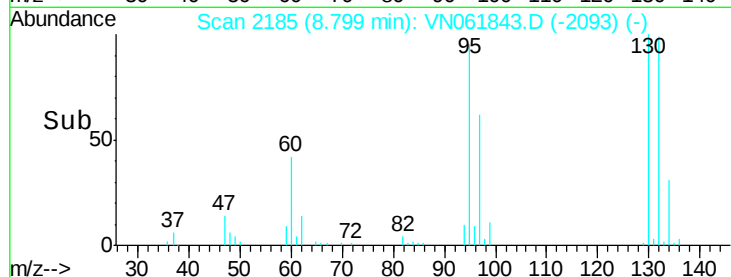
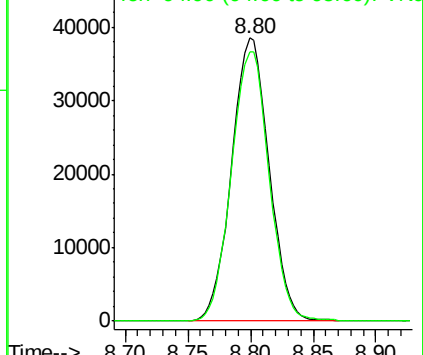
#44
 Trichloroethene
 Concen: 44.722 ug/l
 RT: 8.80 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: VN061843.D
 Acq: 17 Jun 2020 13:04

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D1-20200609DL

Tot Ion:130 Resp: 80038
 Ion Ratio Lower Upper
 130 100
 95 95.2 0.0 195.6

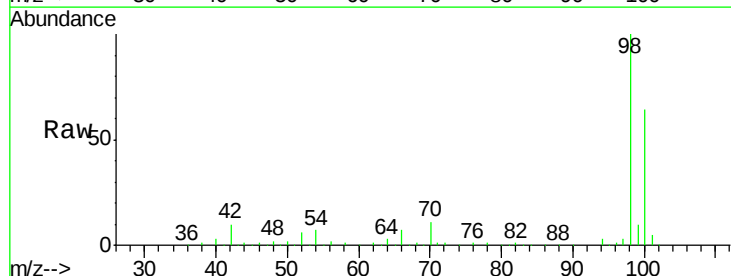


Abundance Ion 129.80 (129.50 to 130.50): VN061834.D (-2170) (-)

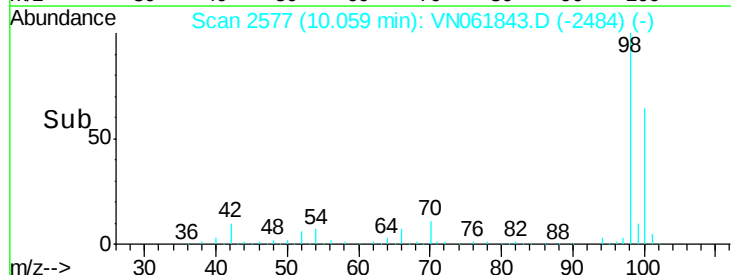
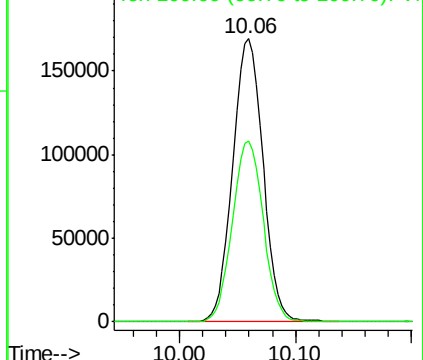


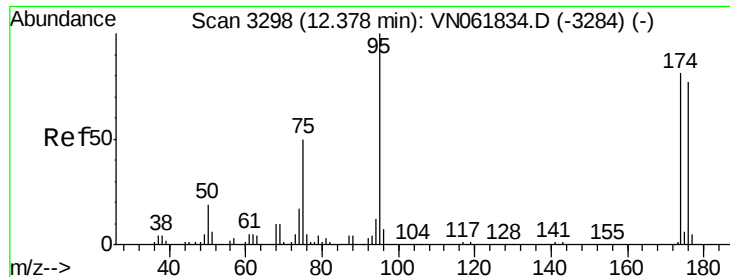
#50
 Toluene-d8
 Concen: 49.645 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061843.D
 Acq: 17 Jun 2020 13:04

Tgt Ion: 98 Resp: 307315
 Ion Ratio Lower Upper
 98 100
 100 64.9 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN061834.D (-2561) (-)





#62

4-Bromofluorobenzene

Concen: 51.776 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061843.D

Acq: 17 Jun 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20200609DL

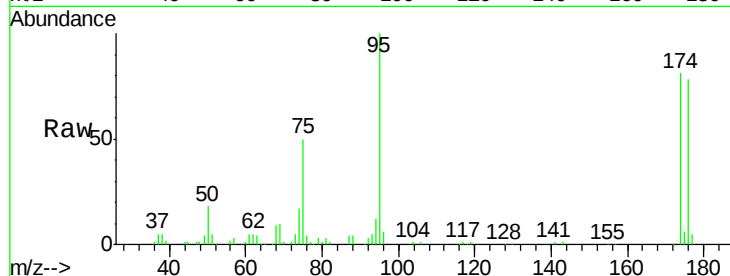
Tot Ion: 95 Resp: 109937

Ion Ratio Lower Upper

95 100

174 80.3 0.0 158.6

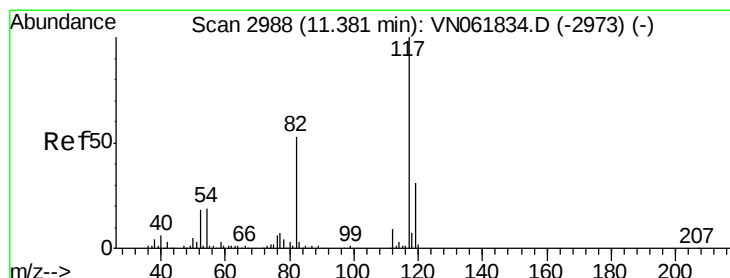
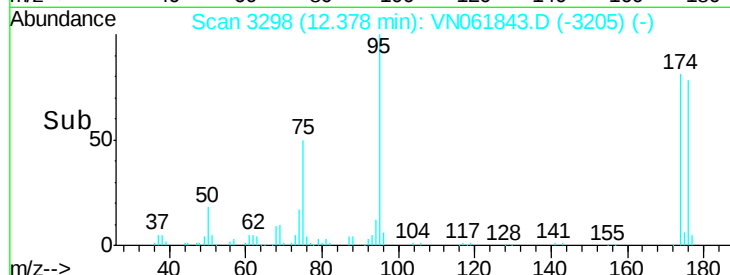
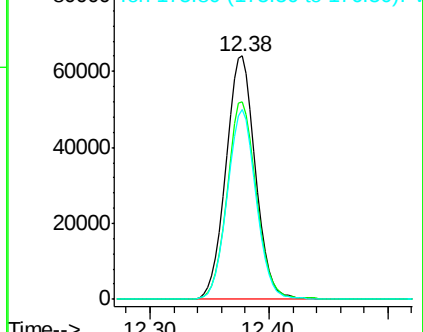
176 76.1 0.0 152.0



Abundance Ion 94.90 (94.60 to 95.60): VN061834.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN061834.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN061834.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061843.D

Acq: 17 Jun 2020 13:04

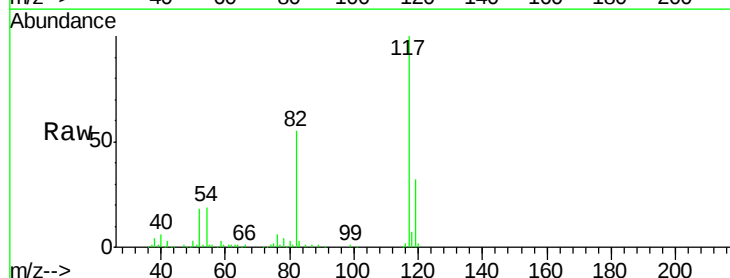
Tgt Ion: 117 Resp: 240229

Ion Ratio Lower Upper

117 100

82 54.6 42.6 64.0

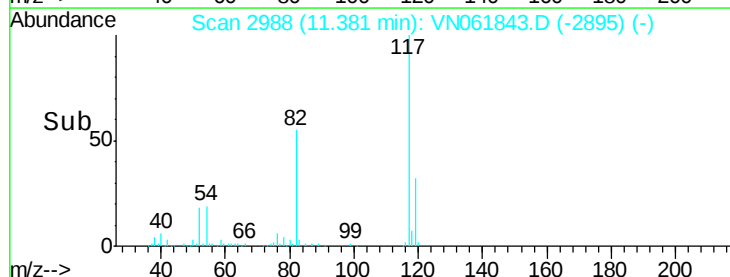
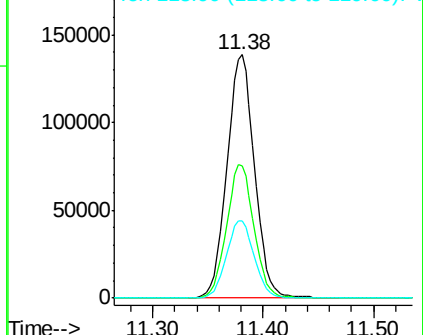
119 31.8 24.7 37.1

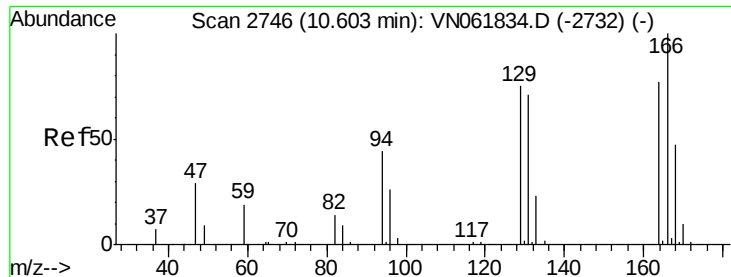


Abundance Ion 116.90 (116.60 to 117.60): VN061834.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061834.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061834.D (-2973) (-)





#64

Tetrachloroethene

Concen: 1.471 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN061843.D

Acq: 17 Jun 2020 13:04

Instrument :

MSVOA_N

ClientSampleId :

RE125D1-20200609DL

Tot Ion:164 Resp: 2252

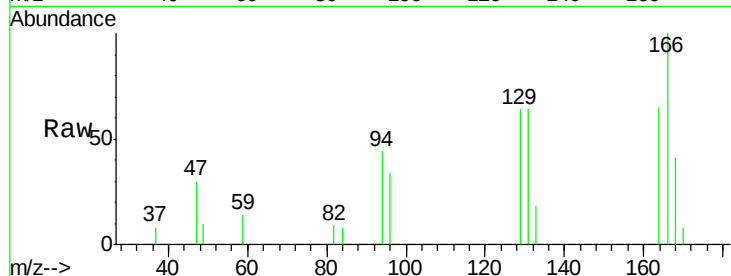
Ion Ratio Lower Upper

164 100

166 153.8 103.5 155.3

129 98.9 77.5 116.3

131 99.1 73.8 110.8

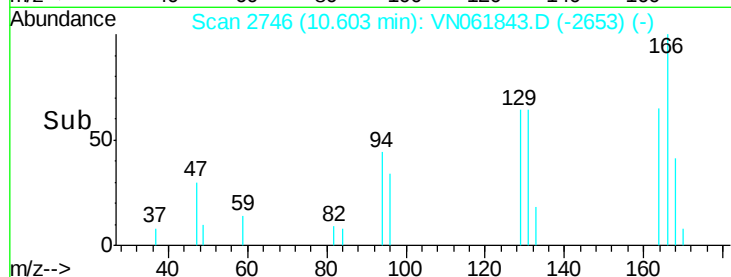


Abundance Ion 163.80 (163.50 to 164.50): V

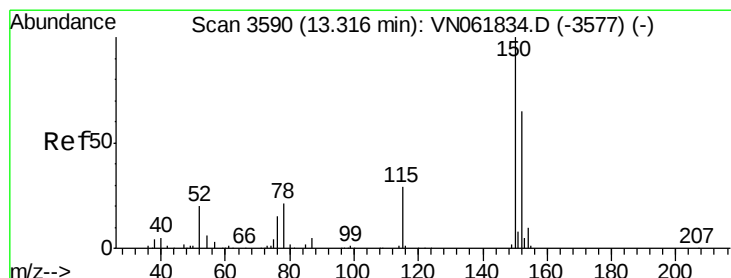
Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061843.D

Acq: 17 Jun 2020 13:04

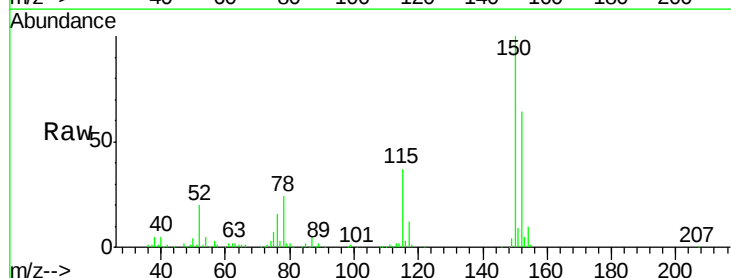
Tgt Ion:152 Resp: 106737

Ion Ratio Lower Upper

152 100

115 57.7 29.1 87.3

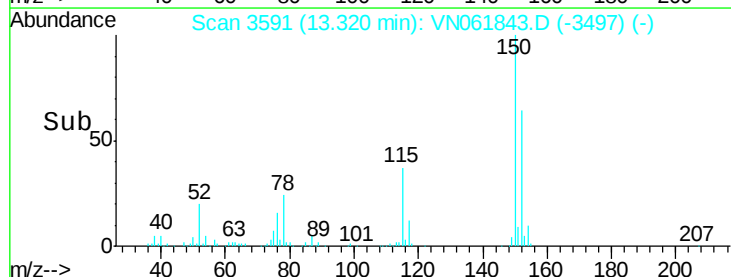
150 156.9 0.0 347.6



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



Time-->