

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061720\
 Data File : VN061861.D
 Acq On : 17 Jun 2020 20:16
 Operator : JC/MD
 Sample : L3008-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-6-12-2020

Quant Time: Jun 18 03:57:17 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

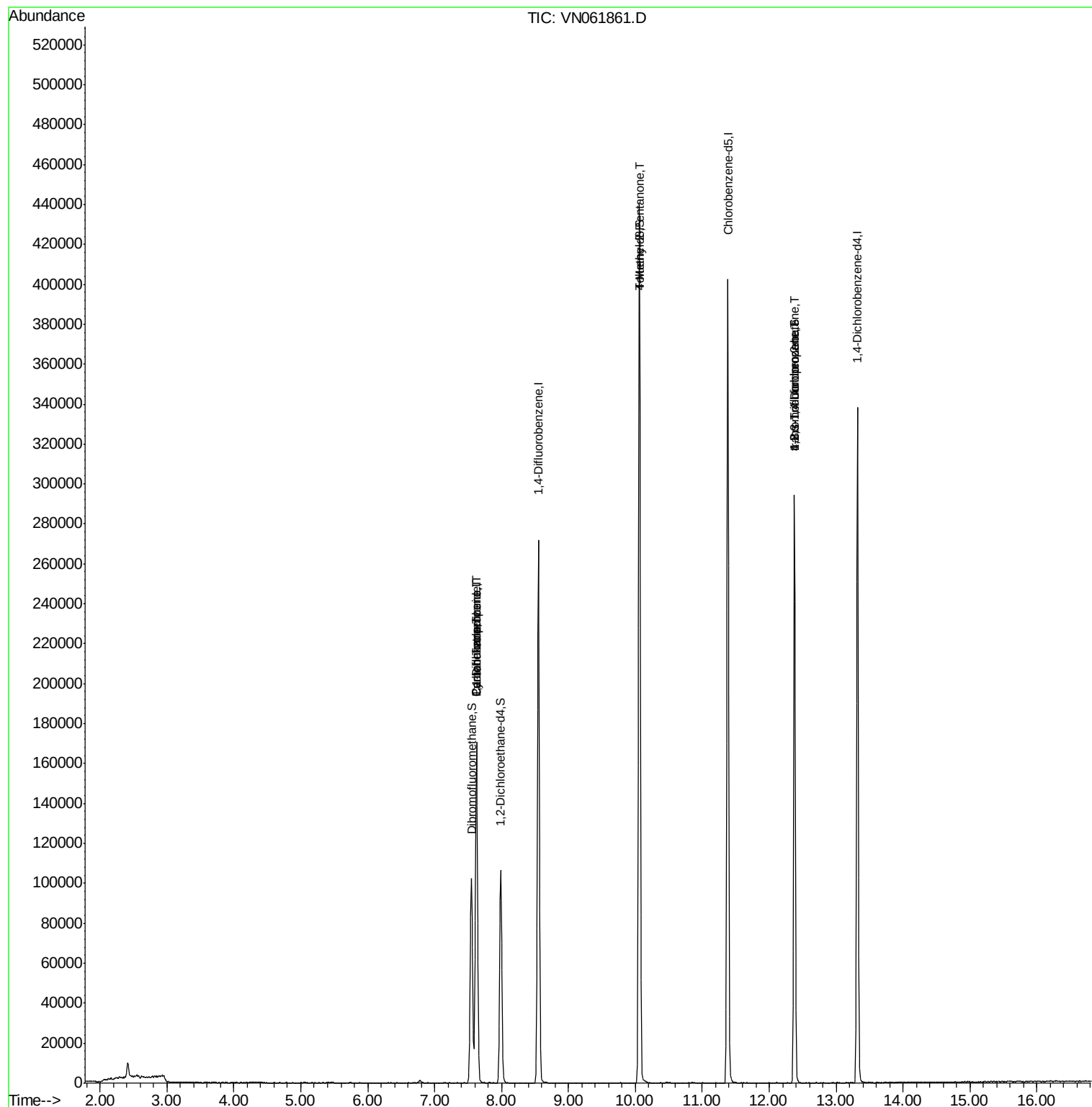
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	138708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	243403	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94147	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	88853	47.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.52%	
35) Dibromofluoromethane	7.55	113	80228	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
50) Toluene-d8	10.06	98	310525	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
62) 4-Bromofluorobenzene	12.38	95	103055	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.63	56	2802	1.143	ug/l #	19
36) 1,1-Dichloropropene	7.62	75	10905	4.744	ug/l #	44
38) Carbon Tetrachloride	7.63	117	13682	6.010	ug/l #	17
51) 4-Methyl-2-Pentanone	10.06	43	1112	0.622	ug/l #	1
76) 1,2,3-Trichloropropane	12.38	75	50436	27.287	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	50436	74.424	ug/l #	14

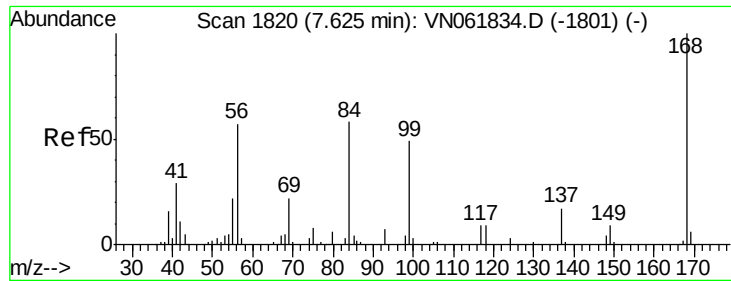
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061861.D

Acq: 17 Jun 2020 20:16

Instrument :

MSVOA_N

ClientSampleId :

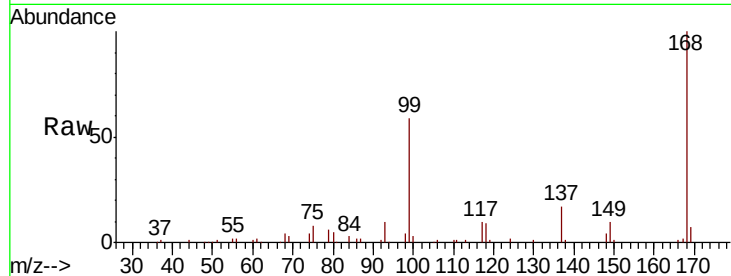
TB-6-12-2020

Tot Ion:168 Resp: 138708

Ion Ratio Lower Upper

168 100

99 58.5 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

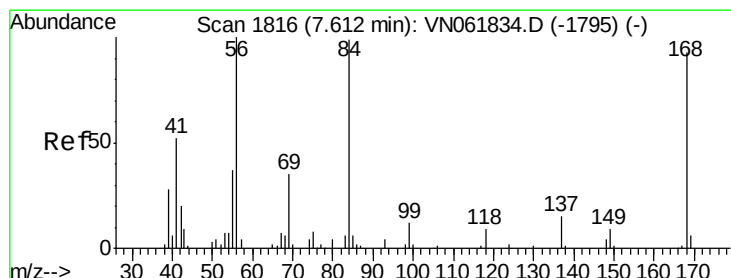
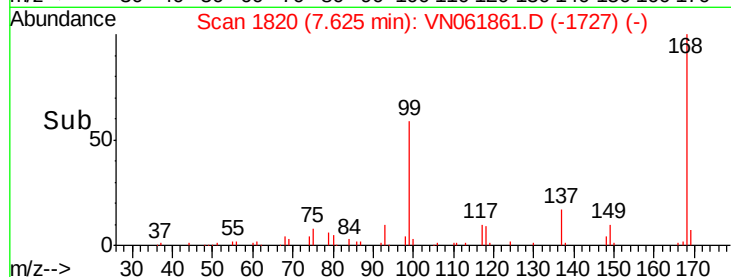
40000

20000

0

7.50 7.60 7.70

Time-->



#31

Cyclohexane

Concen: 1.143 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VN061861.D

Acq: 17 Jun 2020 20:16

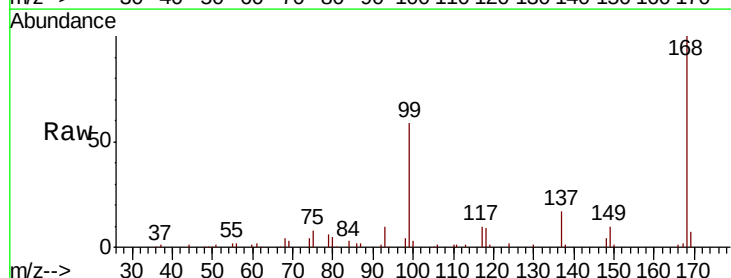
Tgt Ion: 56 Resp: 2802

Ion Ratio Lower Upper

56 100

69 153.1 27.7 41.5#

84 136.3 79.1 118.7#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

3000

2500

2000

1500

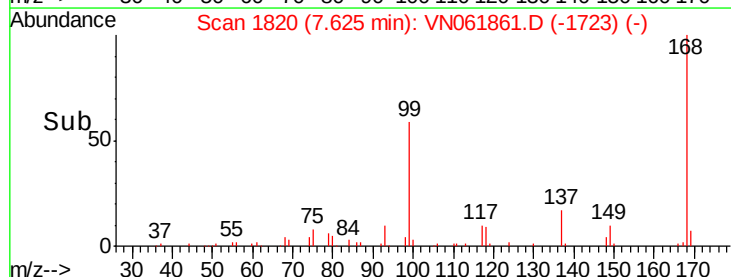
1000

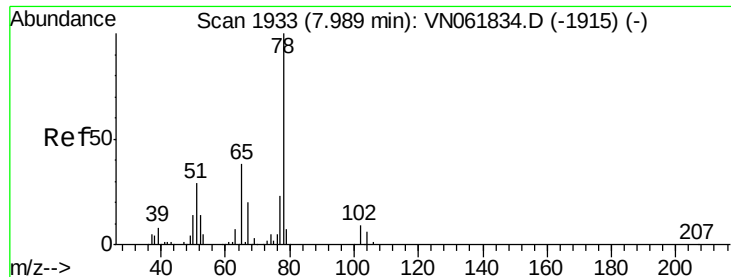
500

0

7.55 7.60 7.65

Time-->

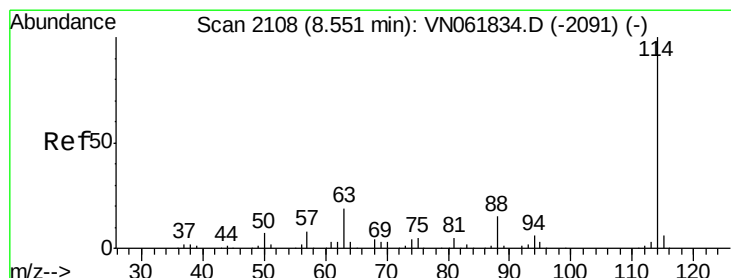
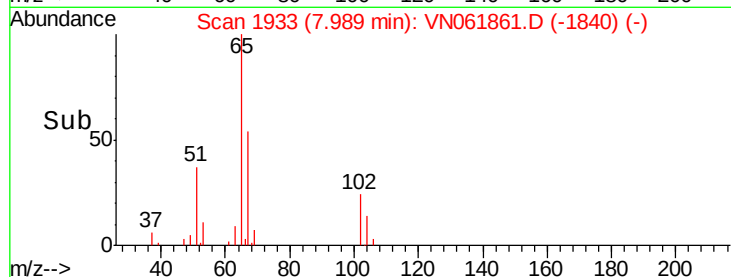
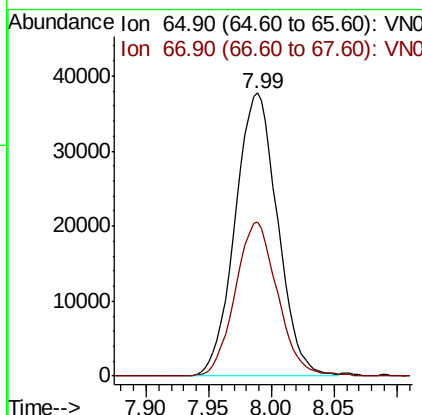
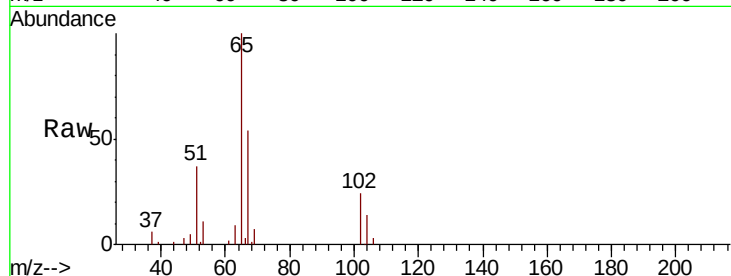




#33
 1,2-Dichloroethane-d4
 Concen: 47.763 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061861.D
 Acq: 17 Jun 2020 20:16

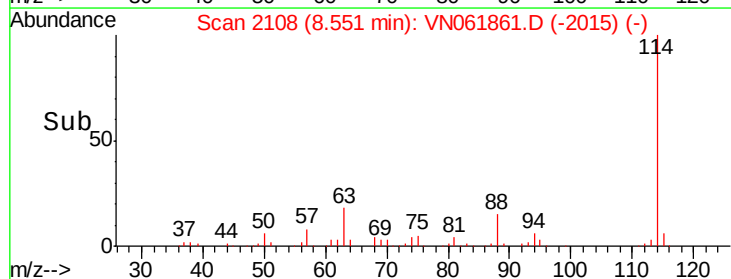
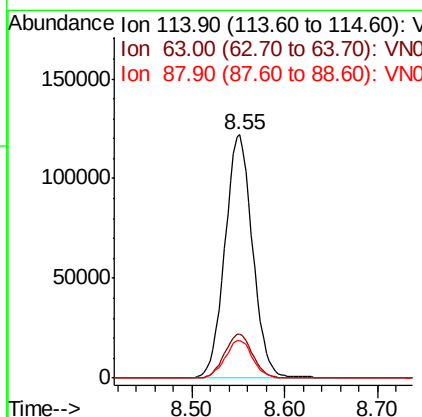
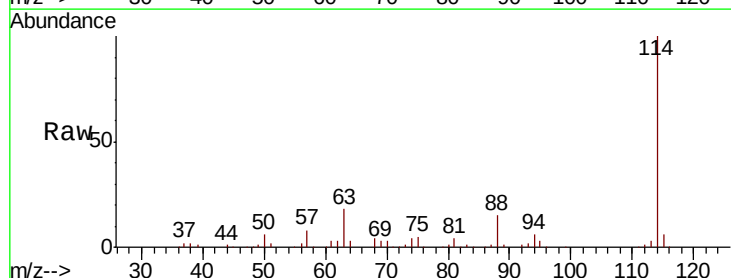
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-6-12-2020

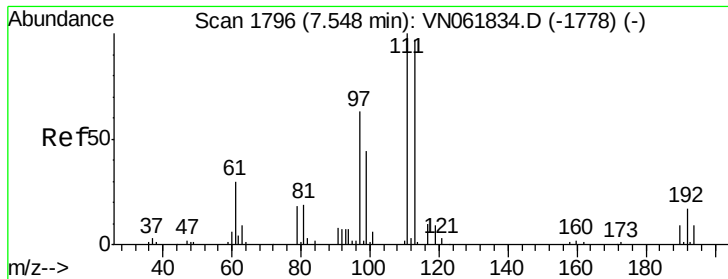
Tot Ion: 65 Resp: 88853
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061861.D
 Acq: 17 Jun 2020 20:16

Tgt Ion: 114 Resp: 252040
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 37.6
 88 15.4 0.0 31.0

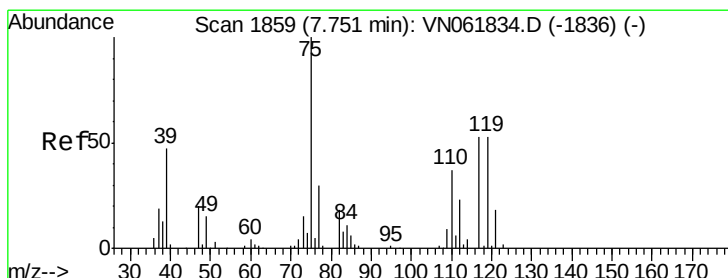
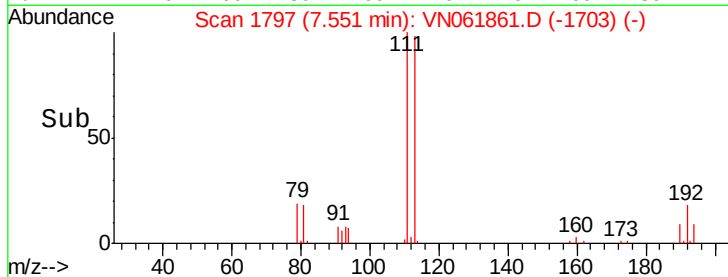
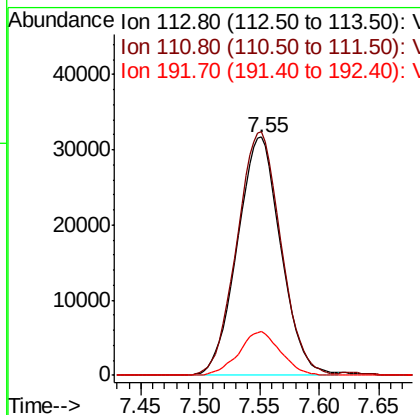
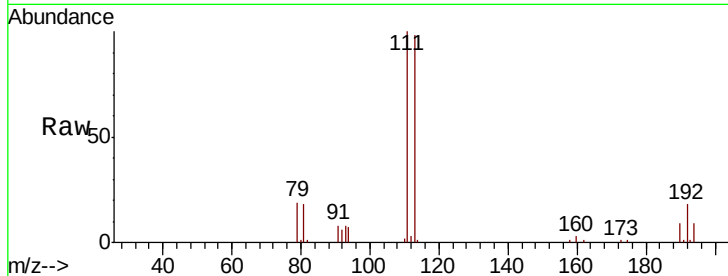




#35
 Dibromofluoromethane
 Concen: 49.756 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061861.D
 Acq: 17 Jun 2020 20:16

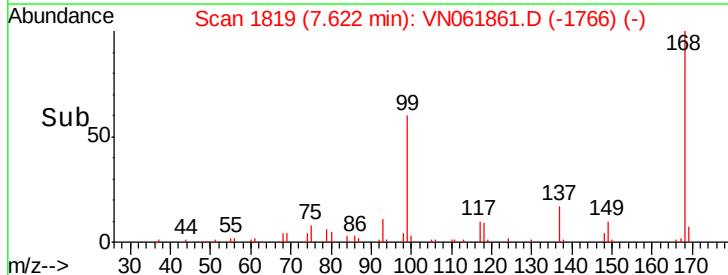
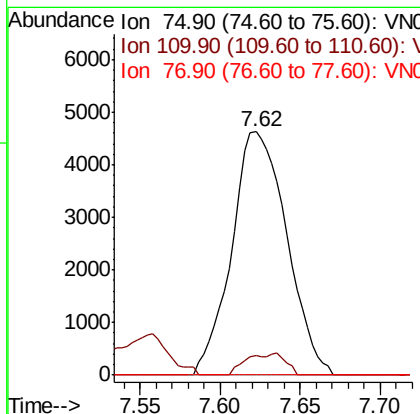
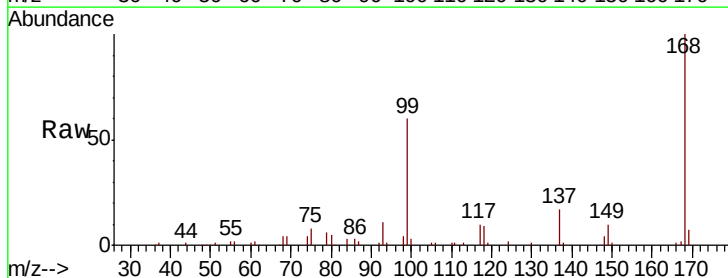
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-6-12-2020

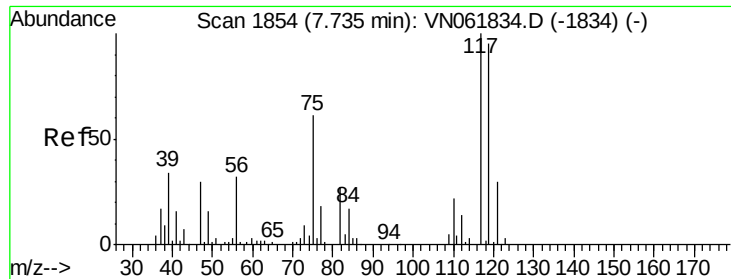
Tot Ion:113 Resp: 80228
 Ion Ratio Lower Upper
 113 100
 111 103.3 83.7 125.5
 192 17.5 13.9 20.9



#36
 1,1-Dichloropropene
 Concen: 4.744 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061861.D
 Acq: 17 Jun 2020 20:16

Tgt Ion: 75 Resp: 10905
 Ion Ratio Lower Upper
 75 100
 110 3.0 18.2 54.6#
 77 0.0 24.2 36.4#





#38

Carbon Tetrachloride

Concen: 6.010 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061861.D

Acq: 17 Jun 2020 20:16

Instrument :

MSVOA_N

ClientSampleId :

TB-6-12-2020

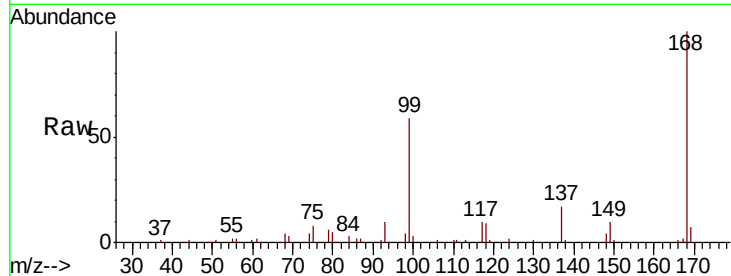
Tot Ion:117 Resp: 13682

Ion Ratio Lower Upper

117 100

119 6.1 75.8 113.6#

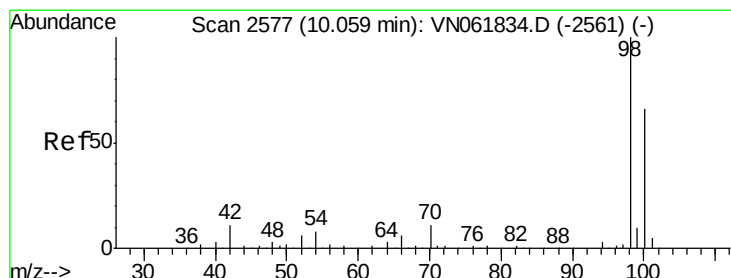
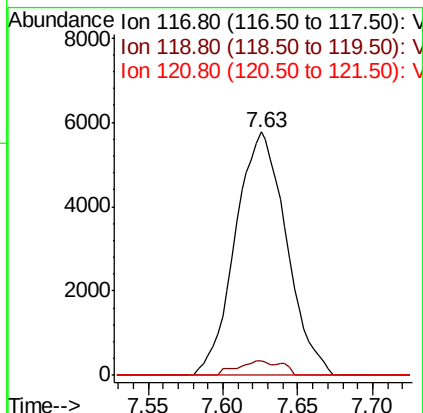
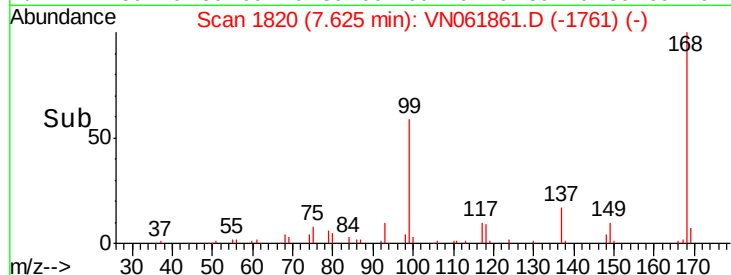
121 0.0 23.8 35.6#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 48.986 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061861.D

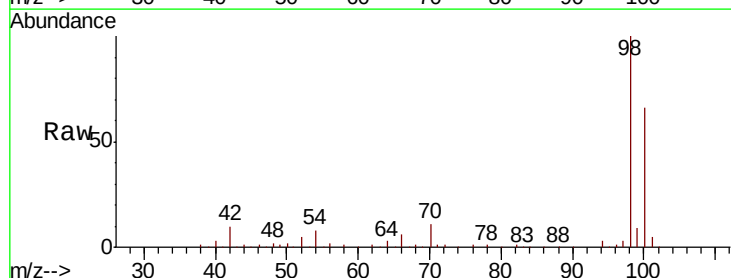
Acq: 17 Jun 2020 20:16

Tgt Ion: 98 Resp: 310525

Ion Ratio Lower Upper

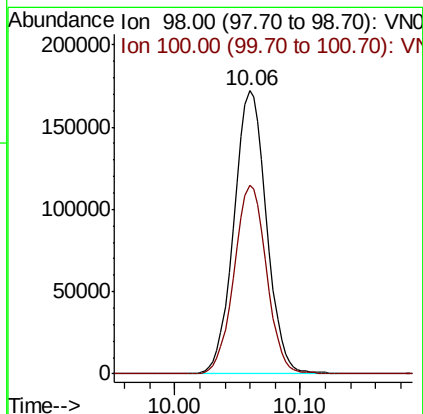
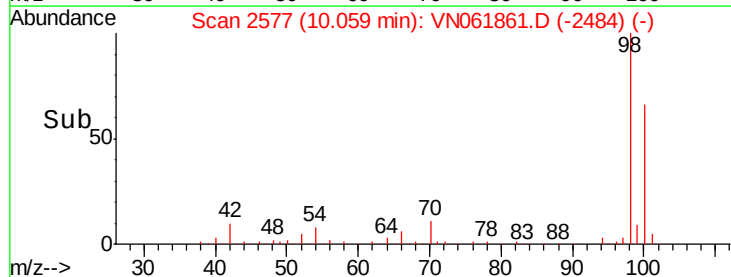
98 100

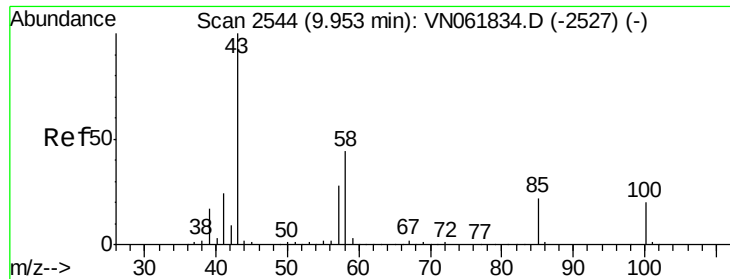
100 66.4 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#51

4-Methyl-2-Pentanone

Concen: 0.622 ug/l

RT: 10.06 min Scan# 2578

Delta R.T. 0.11 min

Lab File: VN061861.D

Acq: 17 Jun 2020 20:16

Instrument :

MSVOA_N

ClientSampled :

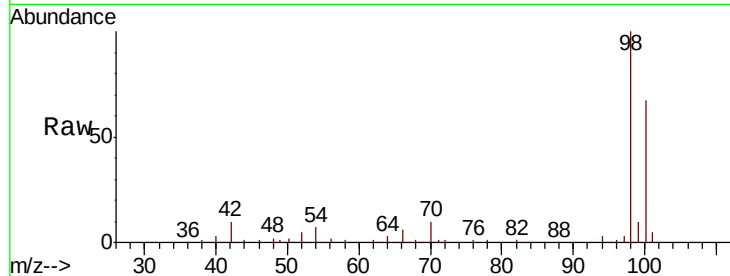
TB-6-12-2020

Tot Ion: 43 Resp: 1112

Ion Ratio Lower Upper

43 100

58 196.7 34.6 52.0#



Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

1500

1000

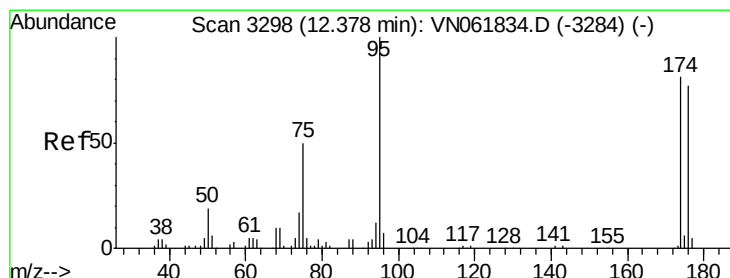
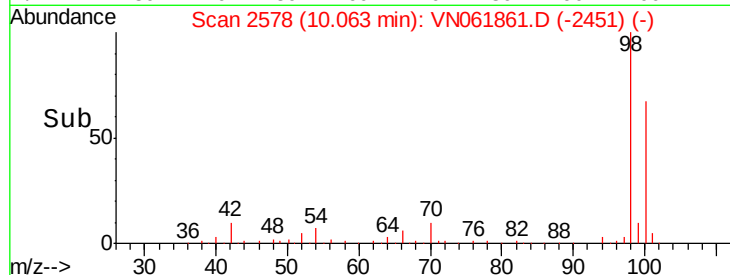
500

0

10.05

10.10

Time-->



#62

4-Bromofluorobenzene

Concen: 47.395 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061861.D

Acq: 17 Jun 2020 20:16

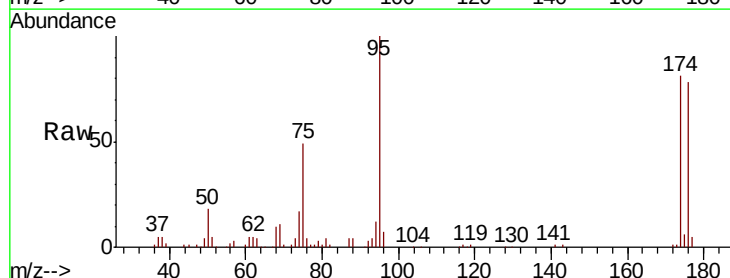
Tgt Ion: 95 Resp: 103055

Ion Ratio Lower Upper

95 100

174 80.0 0.0 158.6

176 77.2 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) (-)

80000

60000

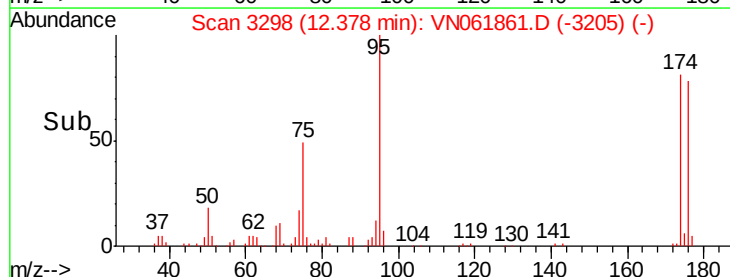
40000

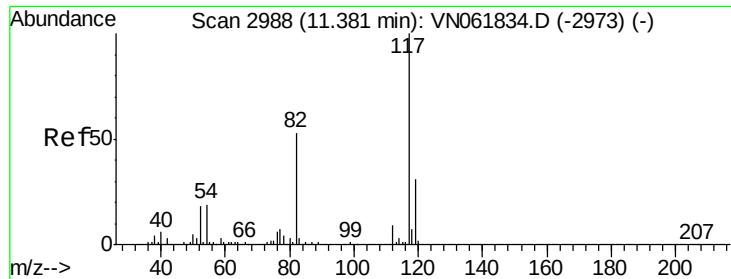
20000

0

12.38

Time-->

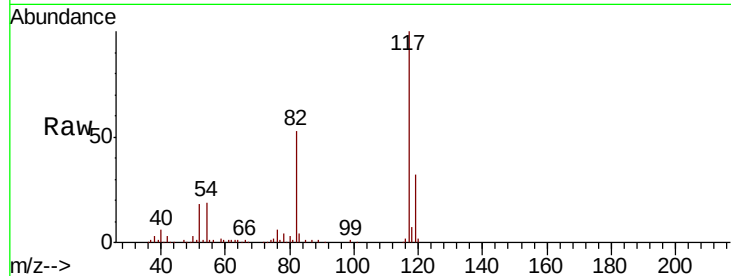




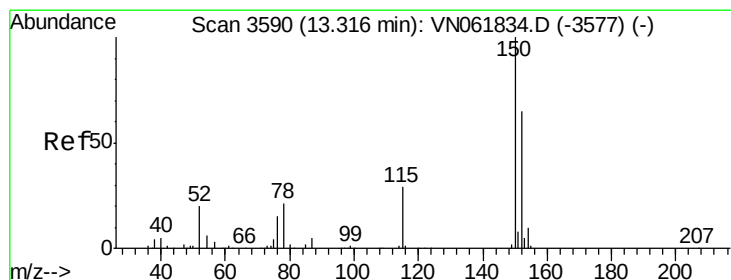
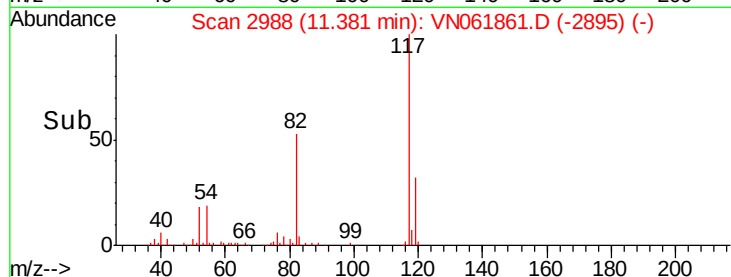
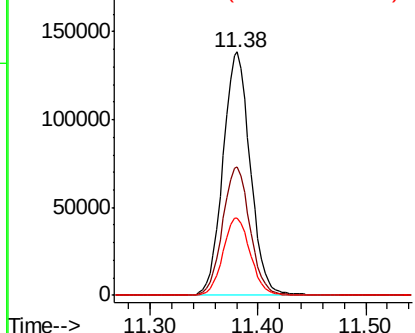
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061861.D
Acq: 17 Jun 2020 20:16

Instrument :
MSVOA_N
ClientSampleId :
TB-6-12-2020

Tot Ion:117 Resp: 243403
Ion Ratio Lower Upper
117 100
82 52.9 42.6 64.0
119 31.9 24.7 37.1

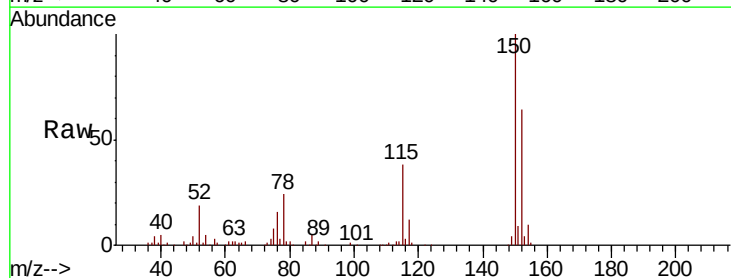


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

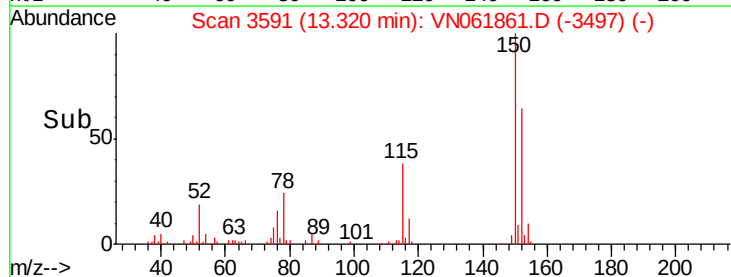
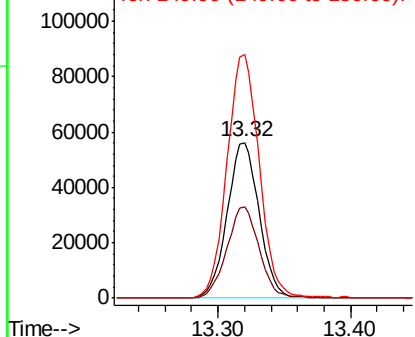


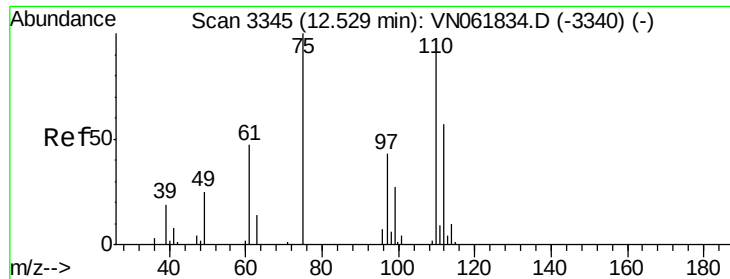
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061861.D
Acq: 17 Jun 2020 20:16

Tgt Ion:152 Resp: 94147
Ion Ratio Lower Upper
152 100
115 59.3 29.1 87.3
150 157.9 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

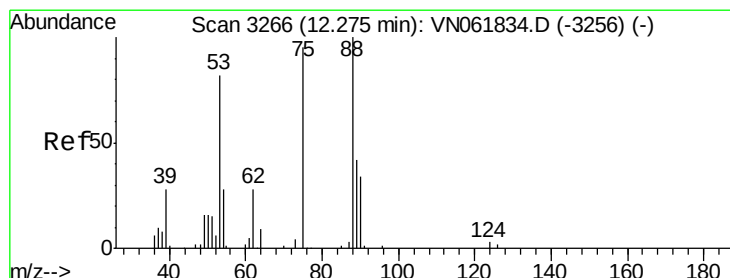
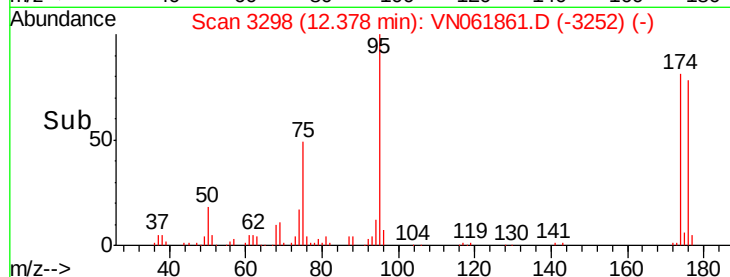
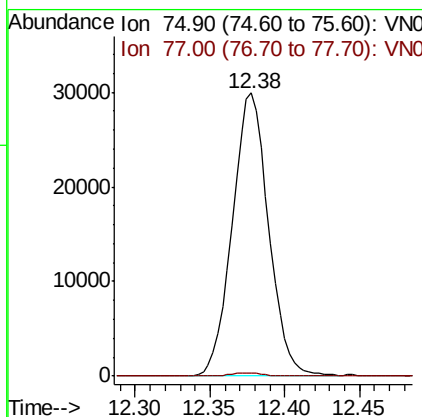
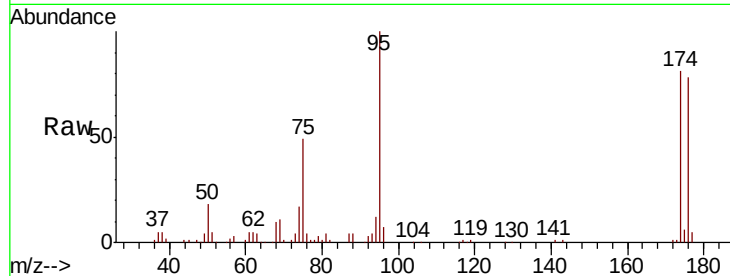




#76
 1,2,3-Trichloropropane
 Concen: 27.287 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.15 min
 Lab File: VN061861.D
 Acq: 17 Jun 2020 20:16

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-6-12-2020

Tot Ion: 75 Resp: 50436
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.424 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.10 min
 Lab File: VN061861.D
 Acq: 17 Jun 2020 20:16

Tgt Ion: 75 Resp: 50436
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.4 105.6#
 89 0.0 36.0 54.0#

