

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061316.D
 Acq On : 6 May 2020 17:45
 Operator : JC/MD
 Sample : L2515-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-18A

Quant Time: May 07 09:13:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

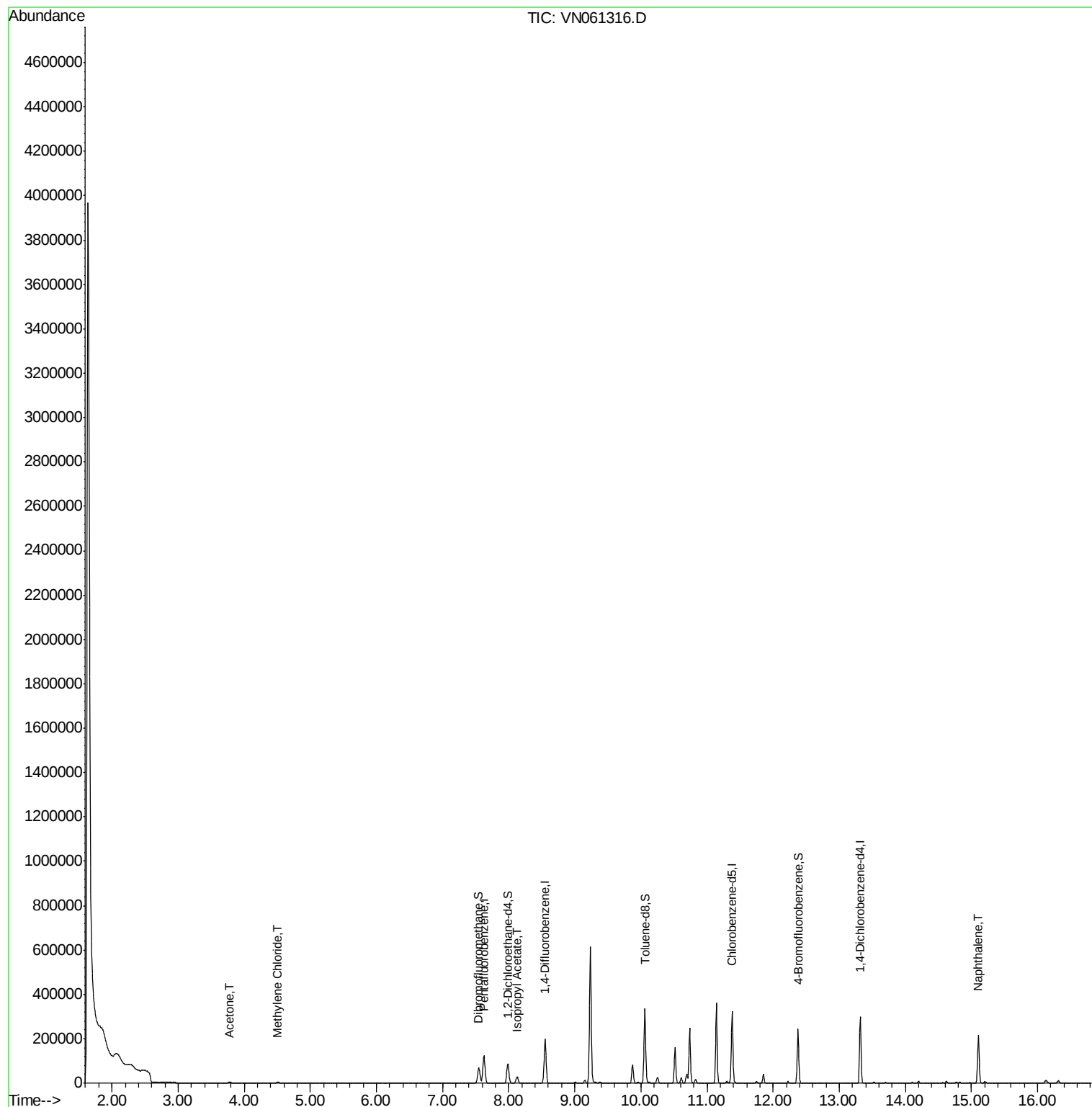
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	91964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	167627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	169636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	73534	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	77629	53.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.70%	
35) Dibromofluoromethane	7.55	113	51292	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
50) Toluene-d8	10.06	98	216394	53.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.10%	
62) 4-Bromofluorobenzene	12.38	95	81993	53.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.84%	
Target Compounds						
16) Acetone	3.78	43	8772	10.290	ug/l	99
20) Methylene Chloride	4.51	84	2356	2.076	ug/l	96
43) Isopropyl Acetate	8.13	43	35562	10.893	ug/l #	91
95) Naphthalene	15.10	128	170613	39.056	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061316.D

Acq: 6 May 2020 17:45

Instrument :

MSVOA_N

ClientSampled :

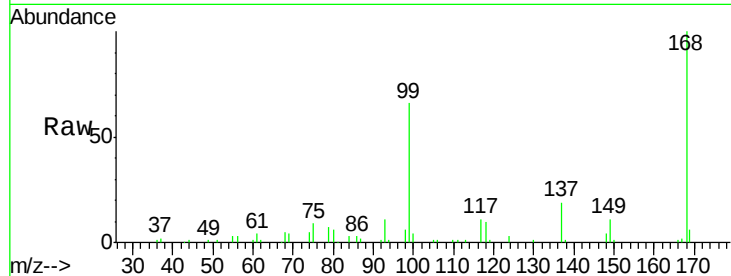
TP-18A

Tot Ion:168 Resp: 91964

Ion Ratio Lower Upper

168 100

99 66.2 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

40000

30000

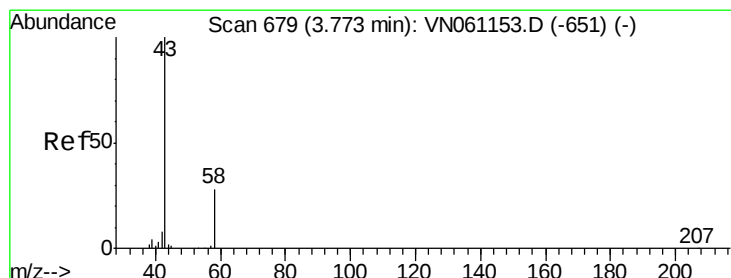
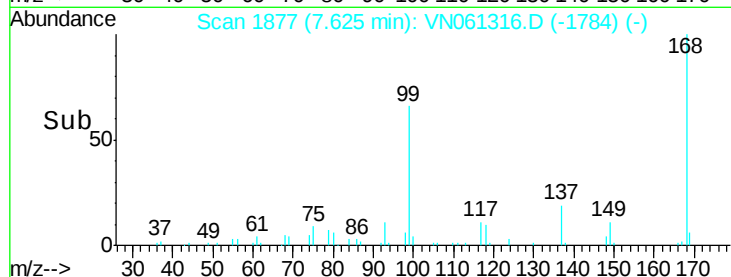
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 10.290 ug/l

RT: 3.78 min Scan# 681

Delta R.T. 0.01 min

Lab File: VN061316.D

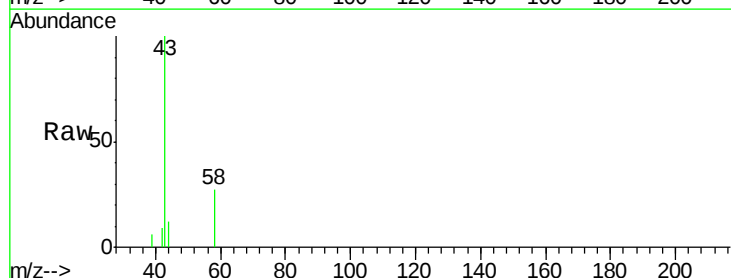
Acq: 6 May 2020 17:45

Tgt Ion: 43 Resp: 8772

Ion Ratio Lower Upper

43 100

58 27.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

3000

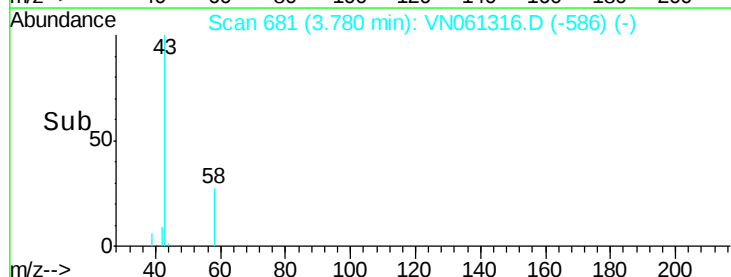
2000

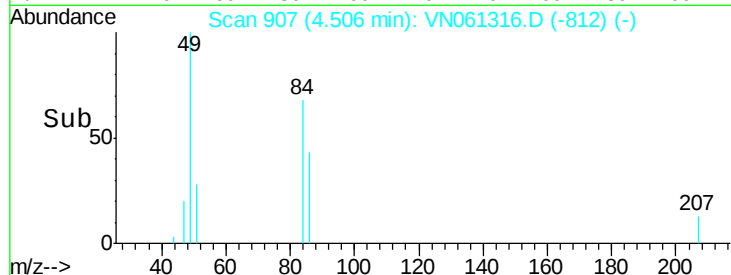
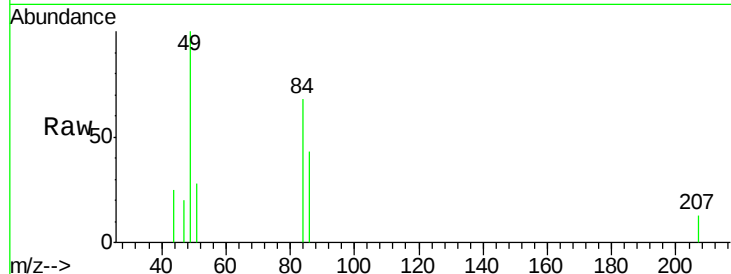
1000

0

Time-->

3.70 3.75 3.80 3.85

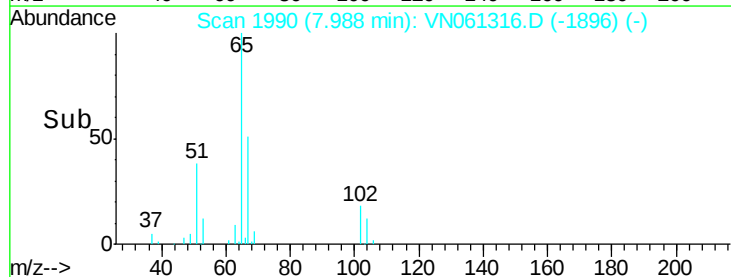
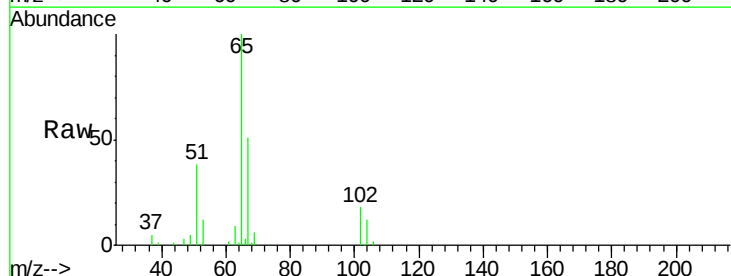
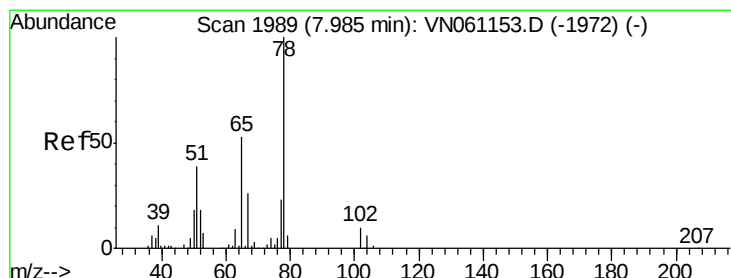
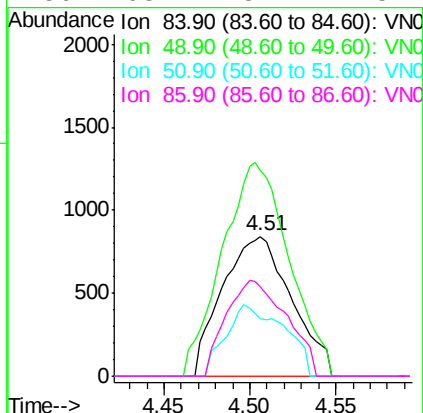




#20
Methvlene Chloride
Concen: 2.076 ug/l
RT: 4.51 min Scan# 907
Delta R.T. 0.01 min
Lab File: VN061316.D
Acq: 6 May 2020 17:45

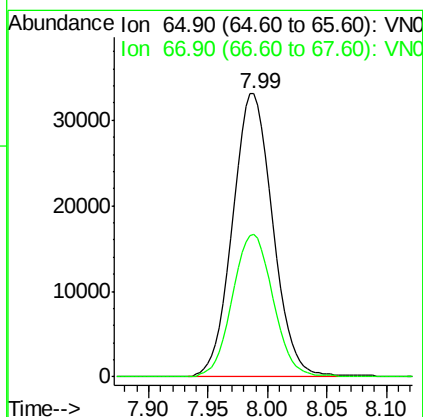
Instrument :
MSVOA_N
ClientSampleId :
TP-18A

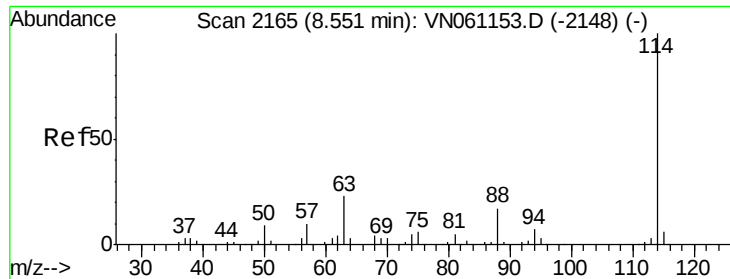
Tot Ion:	84	Resp:	2356
Ion	Ratio	Lower	Upper
84	100		
49	147.4	112.0	168.0
51	41.6	33.6	50.4
86	63.7	52.1	78.1



#33
1,2-Dichloroethane-d4
Concen: 53.348 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061316.D
Acq: 6 May 2020 17:45

Tgt Ion:	65	Resp:	77629
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.6

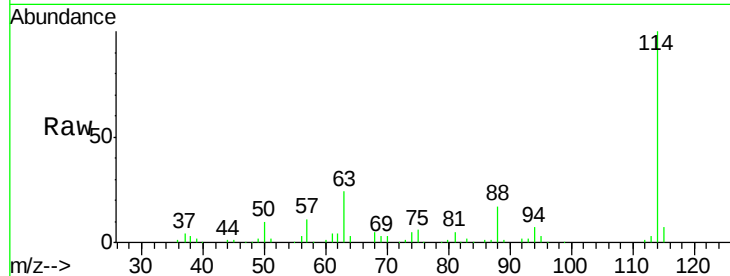




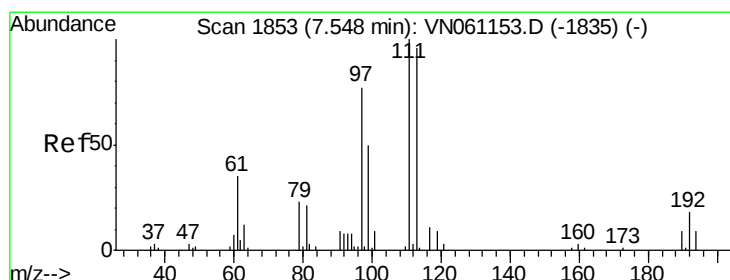
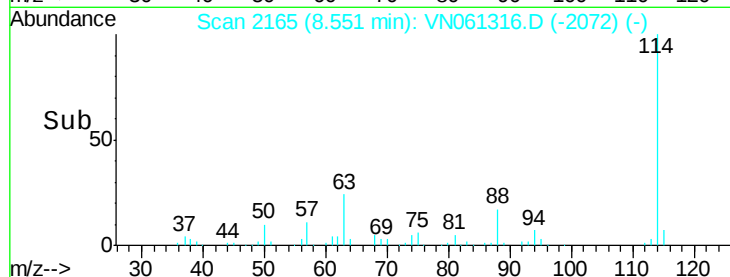
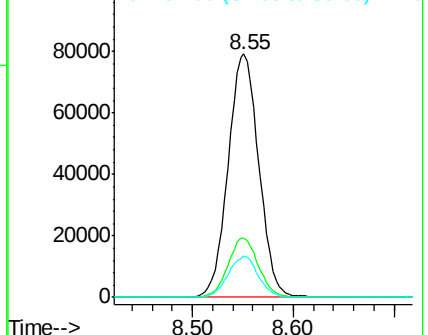
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VN061316.D
Acq: 6 May 2020 17:45

Instrument :
MSVOA_N
ClientSampleId :
TP-18A

Tot Ion:114 Resp: 167627
Ion Ratio Lower Upper
114 100
63 24.5 0.0 46.6
88 16.8 0.0 33.4

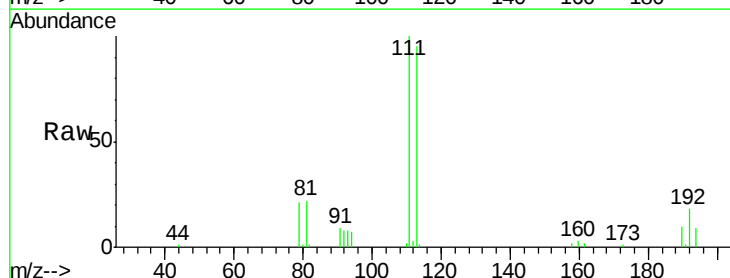


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

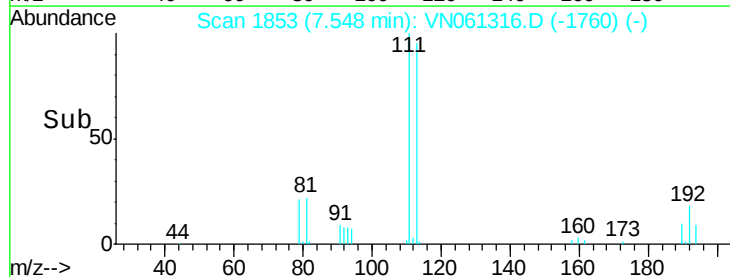
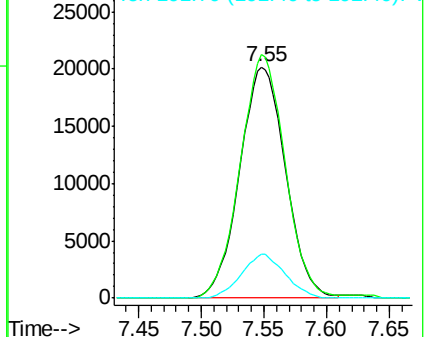


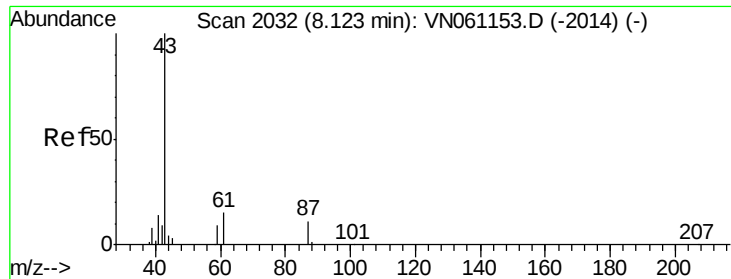
#35
Dibromofluoromethane
Concen: 51.746 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061316.D
Acq: 6 May 2020 17:45

Tgt Ion:113 Resp: 51292
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 17.9 14.7 22.1



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





#43

Isopropyl Acetate

Concen: 10.893 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061316.D

Acq: 6 May 2020 17:45

Instrument :

MSVOA_N

ClientSampleId :

TP-18A

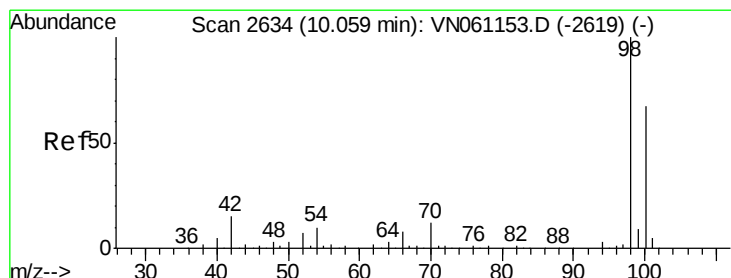
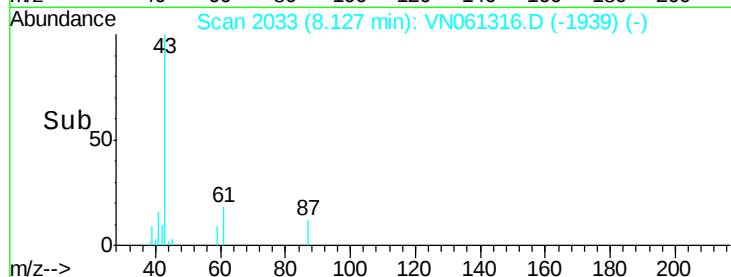
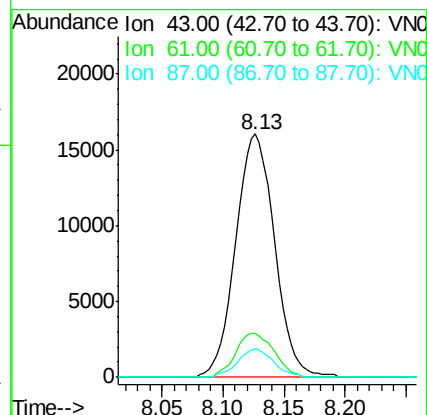
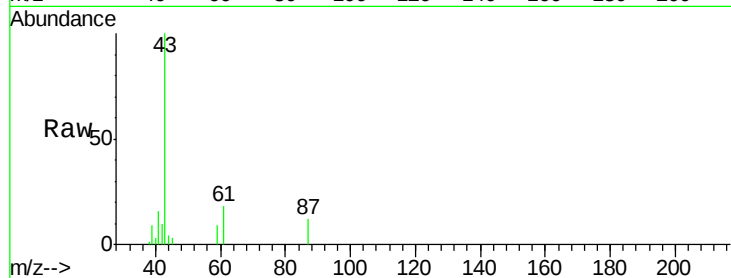
Tot Ion: 43 Resp: 35562

Ion Ratio Lower Upper

43 100

61 17.9 19.5 29.3#

87 10.8 8.9 13.3



#50

Toluene-d8

Concen: 53.553 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061316.D

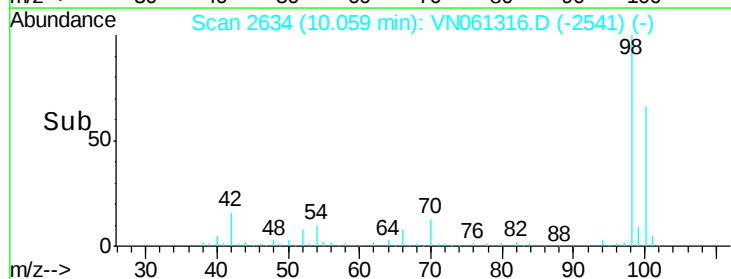
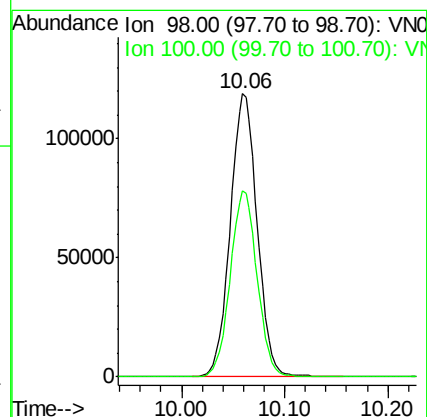
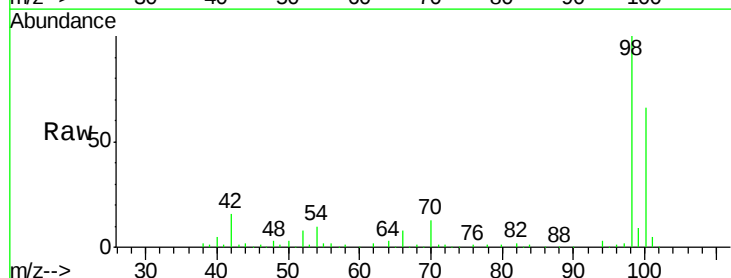
Acq: 6 May 2020 17:45

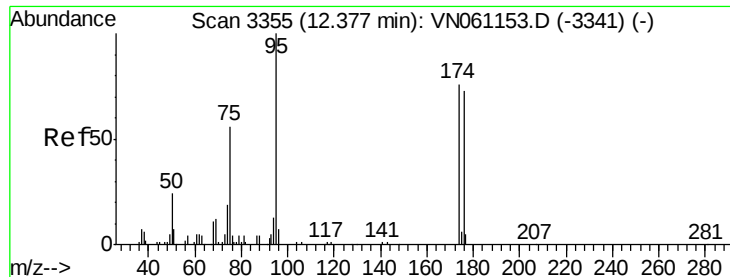
Tgt Ion: 98 Resp: 216394

Ion Ratio Lower Upper

98 100

100 65.6 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 53.922 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061316.D

Acq: 6 May 2020 17:45

Instrument :

MSVOA_N

ClientSampleId :

TP-18A

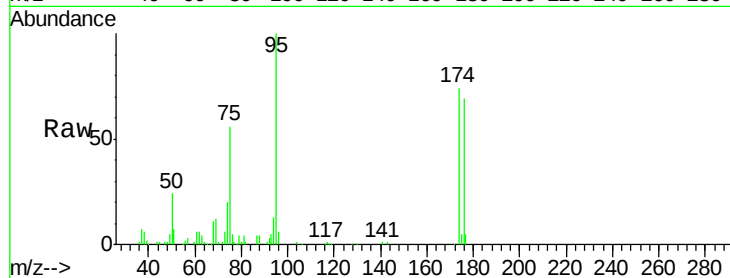
Tot Ion: 95 Resp: 81993

Ion Ratio Lower Upper

95 100

174 72.9 0.0 149.4

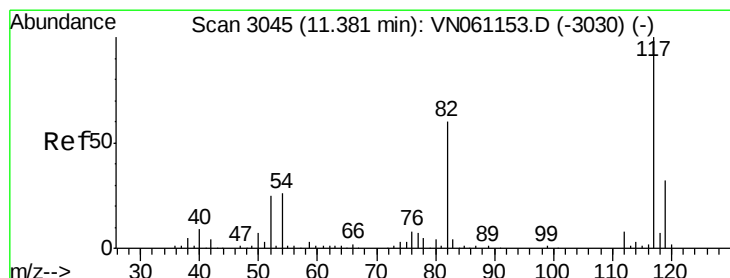
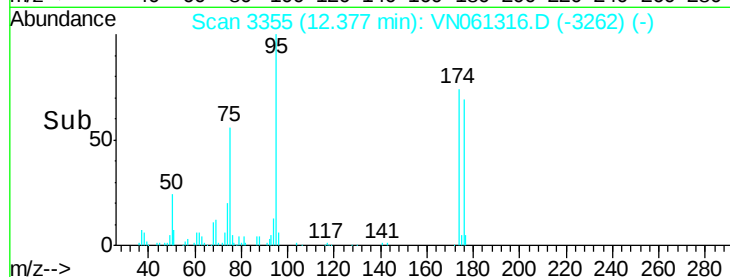
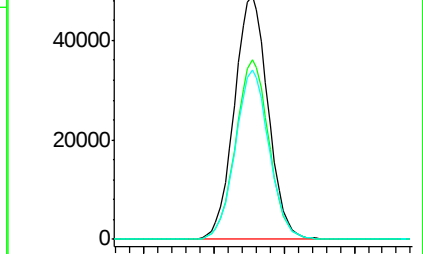
176 69.5 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061316.D (-2952) (-)

Ion 173.80 (173.50 to 174.50): VN061316.D (-2952) (-)

Ion 175.80 (175.50 to 176.50): VN061316.D (-2952) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061316.D

Acq: 6 May 2020 17:45

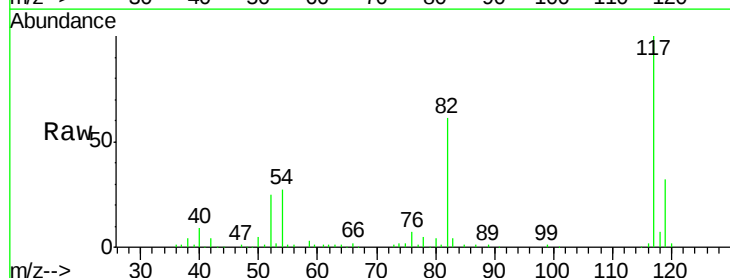
Tgt Ion: 117 Resp: 169636

Ion Ratio Lower Upper

117 100

82 61.2 47.8 71.8

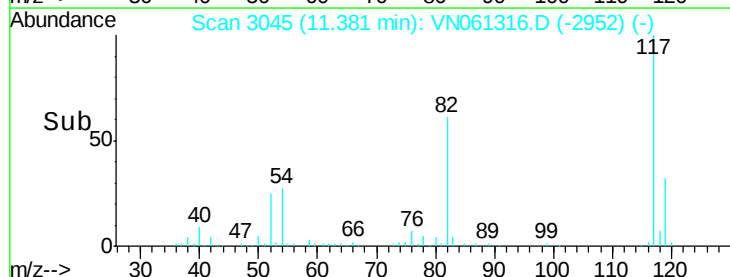
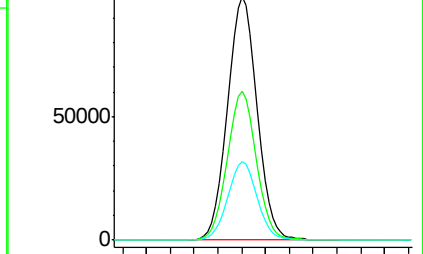
119 32.0 25.8 38.6

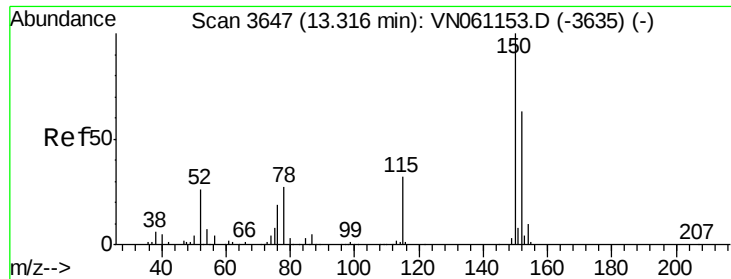


Abundance Ion 116.90 (116.60 to 117.60): VN061316.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061316.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061316.D (-2952) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061316.D

Acq: 6 May 2020 17:45

Instrument :

MSVOA_N

ClientSampleId :

TP-18A

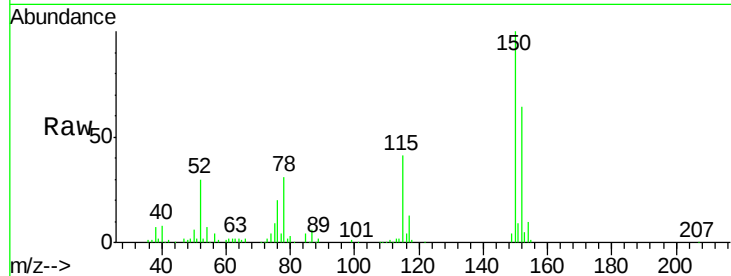
Tot Ion:152 Resp: 73534

Ion Ratio Lower Upper

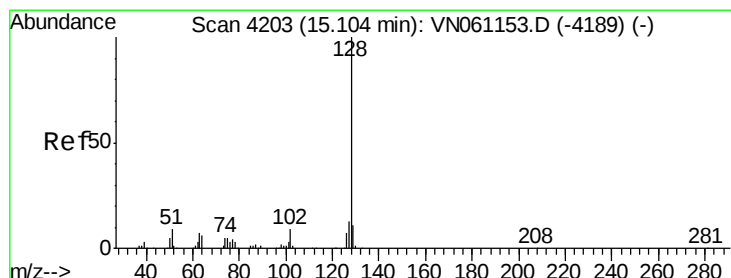
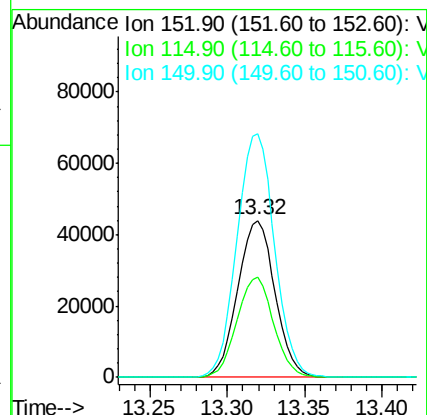
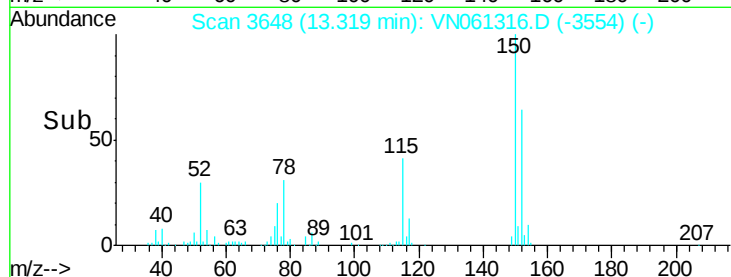
152 100

115 62.8 31.0 93.0

150 157.1 0.0 351.8



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



#95

Naphthalene

Concen: 39.056 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061316.D

Acq: 6 May 2020 17:45

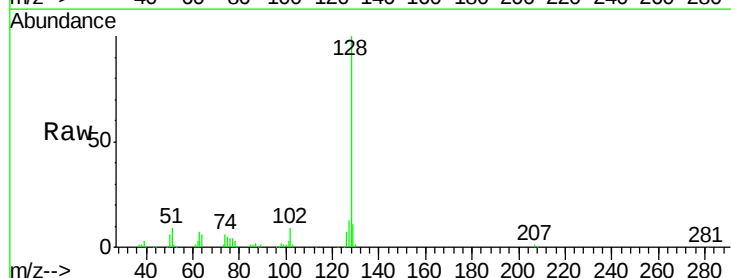
Tgt Ion:128 Resp: 170613

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 10.6 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

