

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061334.D
 Acq On : 7 May 2020 15:20
 Operator : JC/MD
 Sample : L2523-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HDD

Quant Time: May 08 09:14:20 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

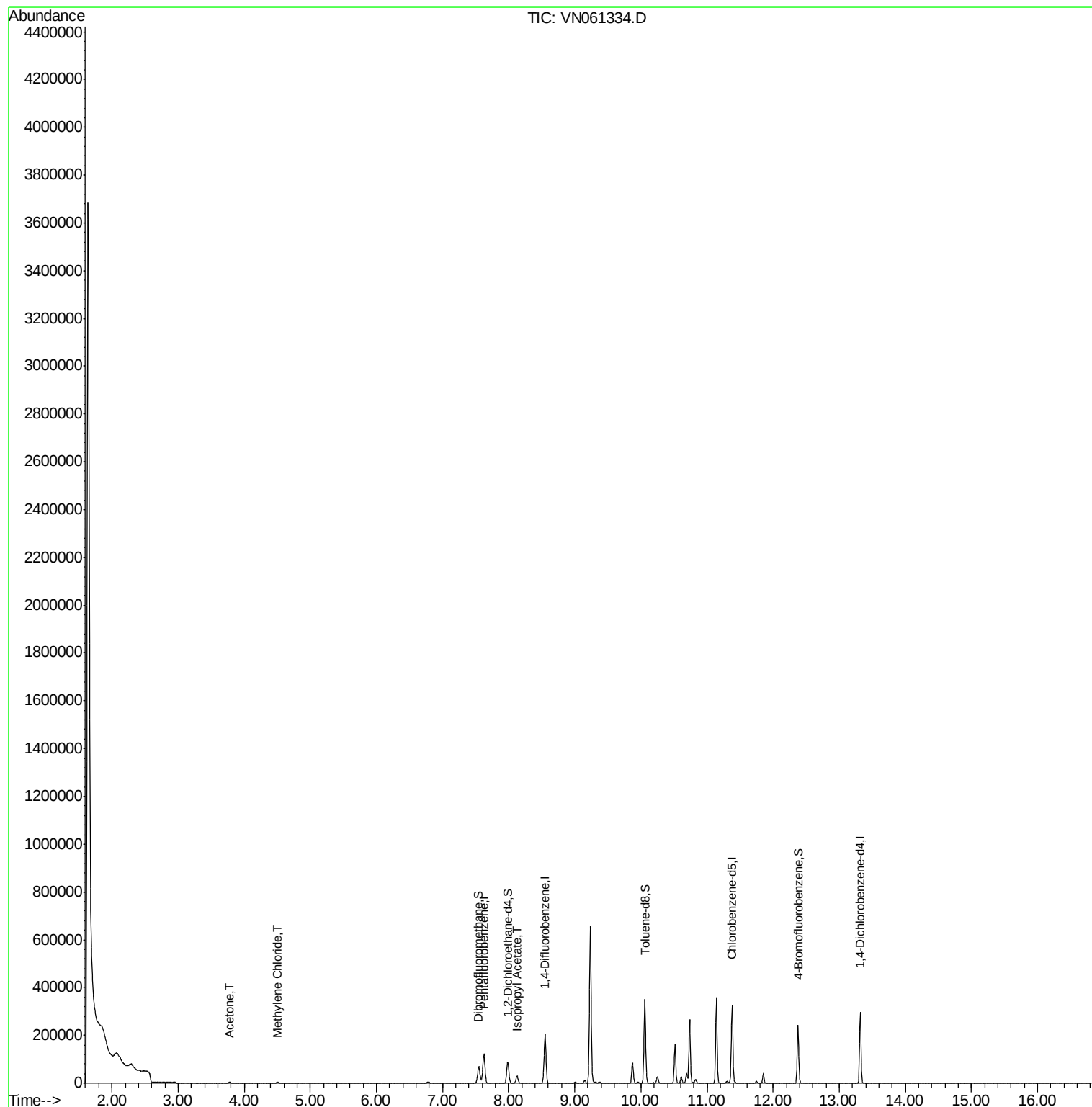
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	92327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	169342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	171636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	72129	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	79724	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
35) Dibromofluoromethane	7.55	113	52720	52.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.30%	
50) Toluene-d8	10.06	98	220215	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
62) 4-Bromofluorobenzene	12.38	95	81694	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
Target Compounds						
16) Acetone	3.77	43	8049	8.918	ug/l	93
20) Methylene Chloride	4.50	84	1788	1.570	ug/l #	92
43) Isopropyl Acetate	8.13	43	36429	11.045	ug/l #	89

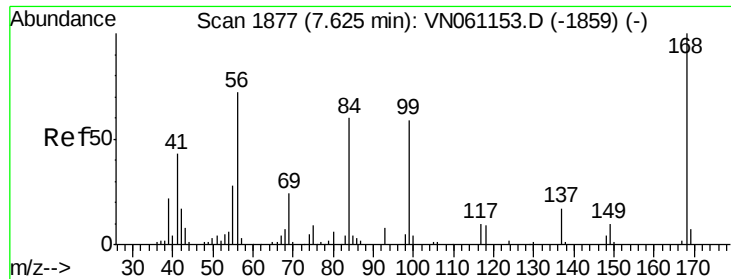
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061334.D

Acq: 7 May 2020 15:20

Instrument :

MSVOA_N

ClientSampled :

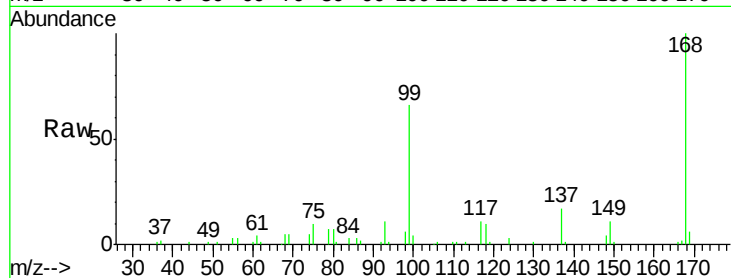
HDD

Tot Ion:168 Resp: 92327

Ion Ratio Lower Upper

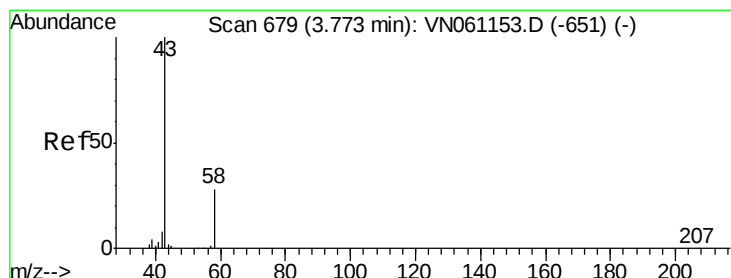
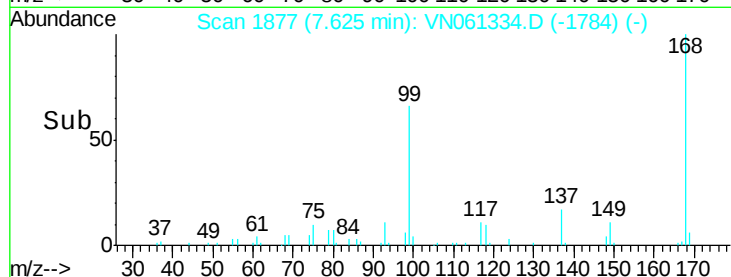
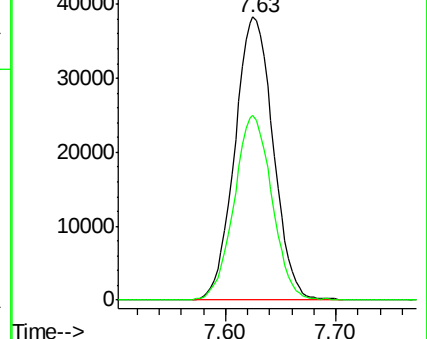
168 100

99 65.5 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 8.918 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061334.D

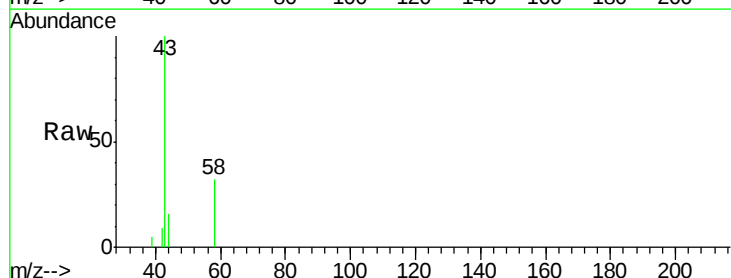
Acq: 7 May 2020 15:20

Tgt Ion: 43 Resp: 8049

Ion Ratio Lower Upper

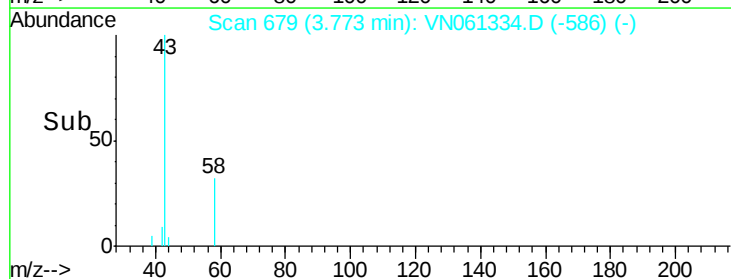
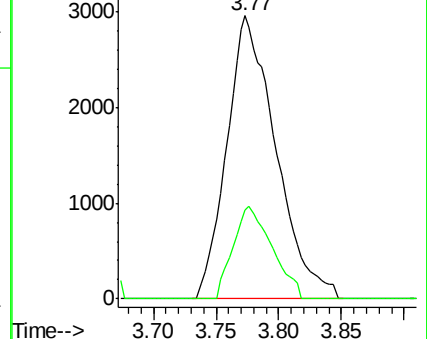
43 100

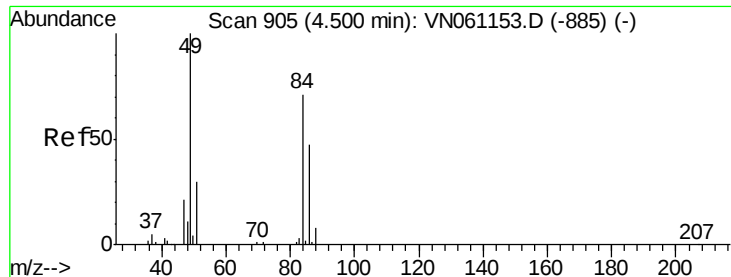
58 31.6 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

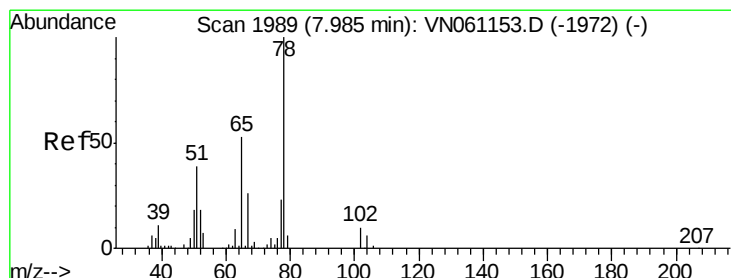
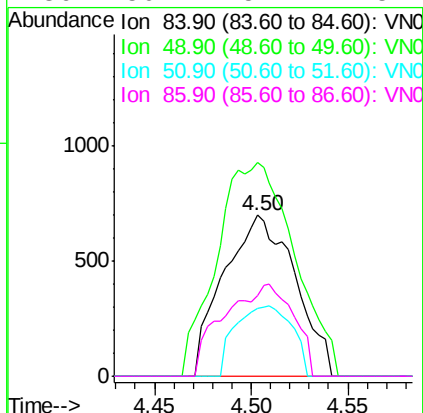
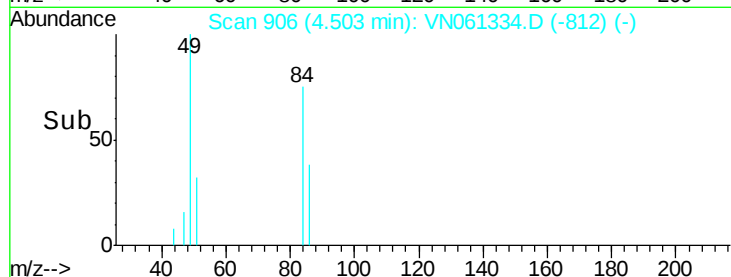
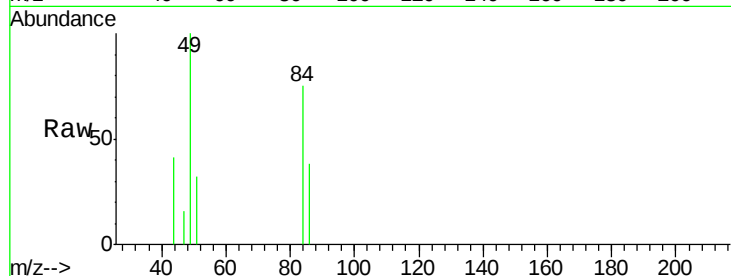




#20
Methvlene Chloride
Concen: 1.570 ug/l
RT: 4.50 min Scan# 906
Delta R.T. 0.00 min
Lab File: VN061334.D
Acq: 7 May 2020 15:20

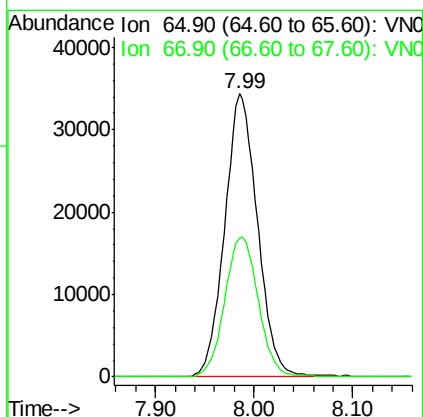
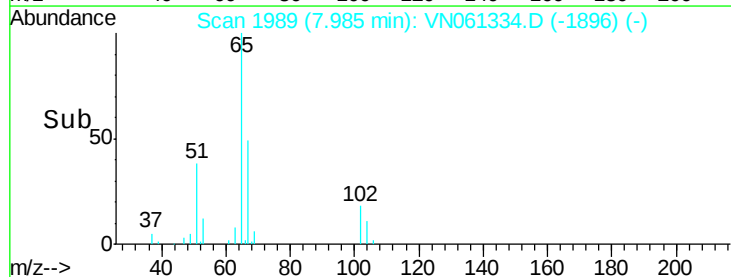
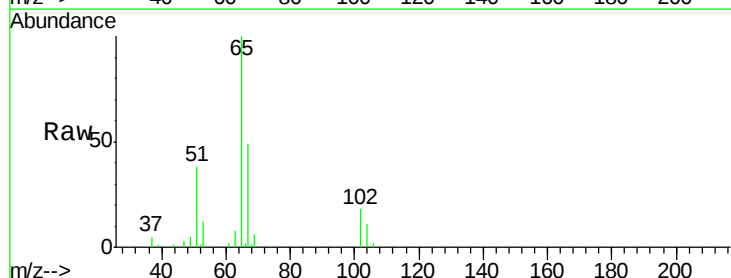
Instrument :
MSVOA_N
ClientSampled :
HDD

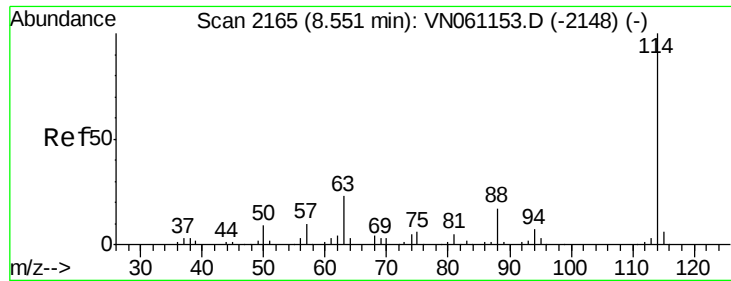
Tot Ion: 84 Resp: 1788
Ion Ratio Lower Upper
84 100
49 132.9 112.0 168.0
51 42.0 33.6 50.4
86 50.1 52.1 78.1#



#33
1,2-Dichloroethane-d4
Concen: 54.572 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061334.D
Acq: 7 May 2020 15:20

Tgt Ion: 65 Resp: 79724
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6

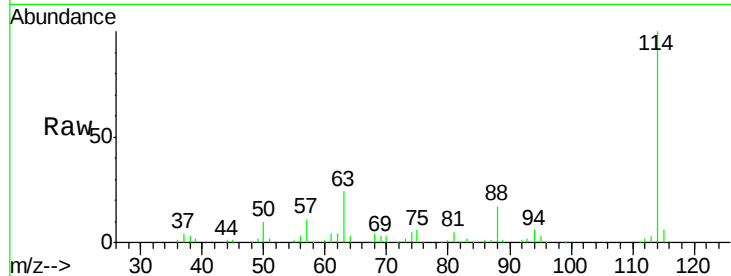




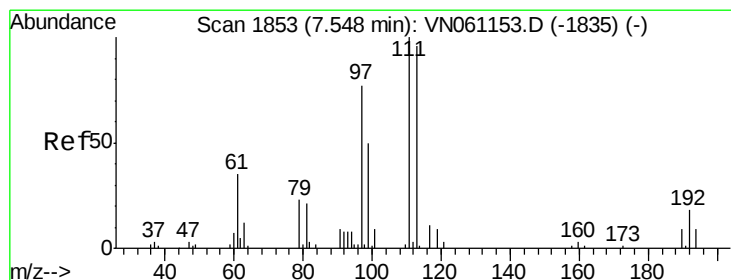
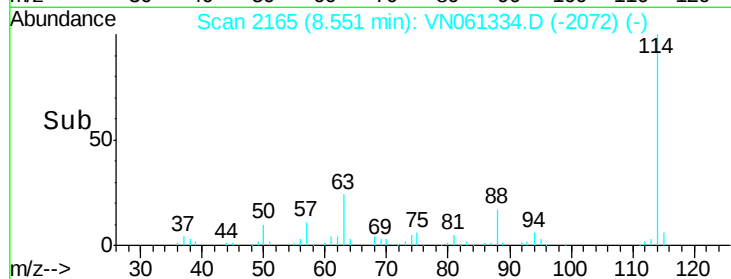
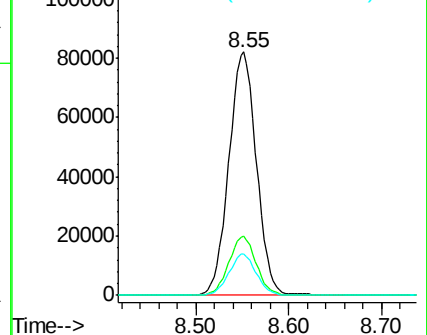
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061334.D
 Acq: 7 May 2020 15:20

Instrument :
 MSVOA_N
 ClientSampled :
 HDD

Tot Ion:114 Resp: 169342
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 46.6
 88 17.0 0.0 33.4

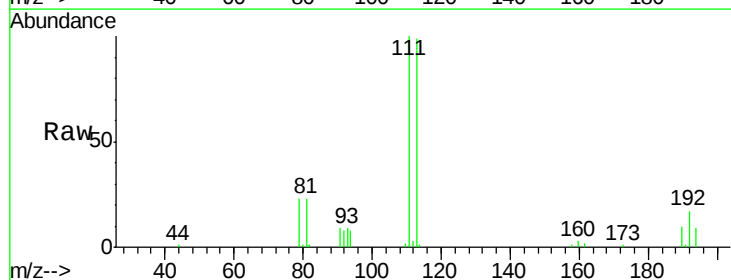


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

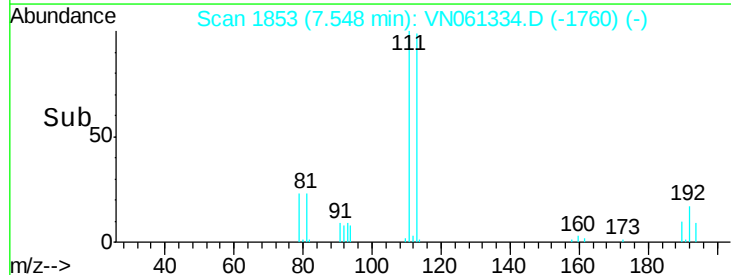
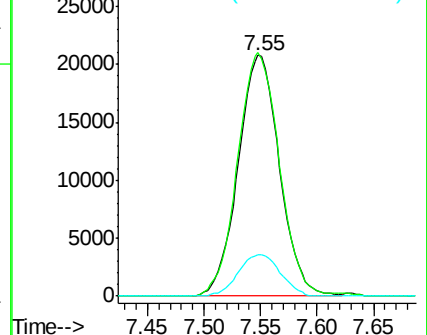


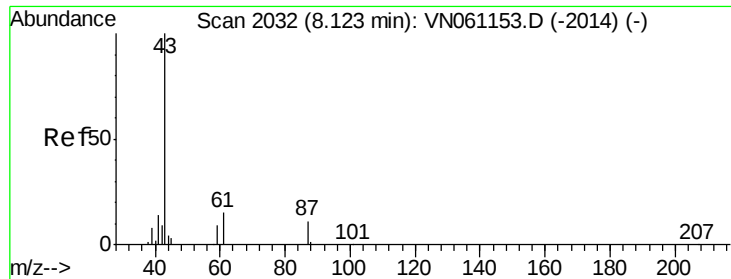
#35
 Dibromofluoromethane
 Concen: 52.648 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061334.D
 Acq: 7 May 2020 15:20

Tgt Ion:113 Resp: 52720
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.9 124.3
 192 17.6 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

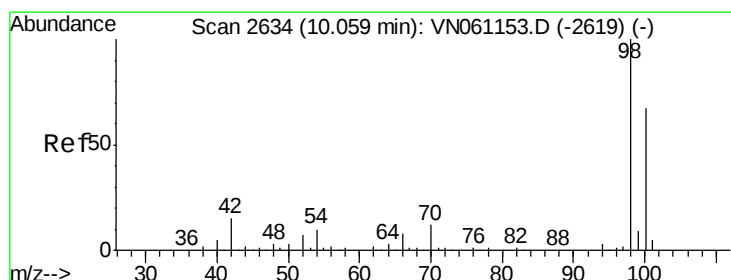
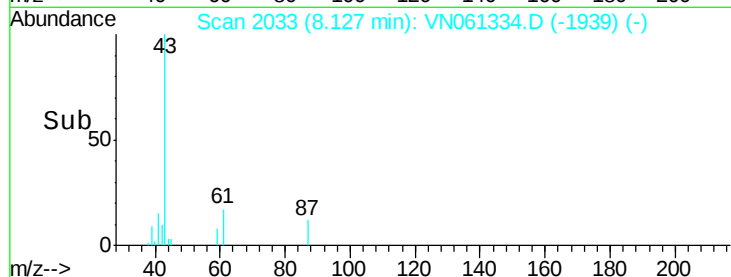
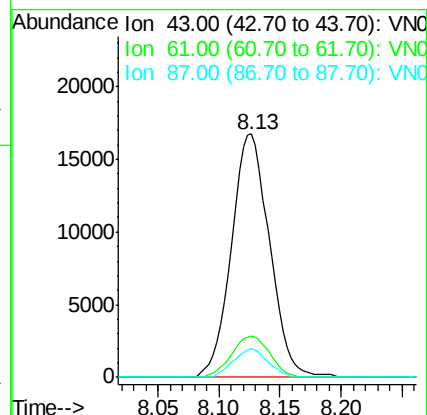
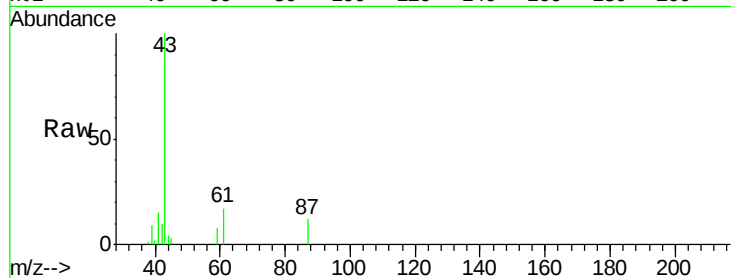




#43
Isopropyl Acetate
Concen: 11.045 ug/l
RT: 8.13 min Scan# 2033
Delta R.T. 0.00 min
Lab File: VN061334.D
Acq: 7 May 2020 15:20

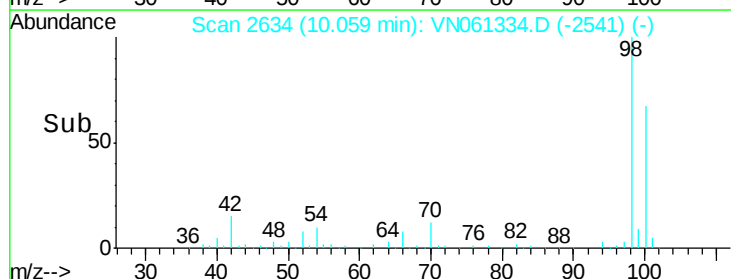
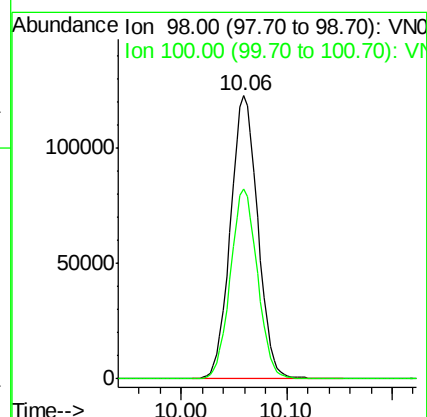
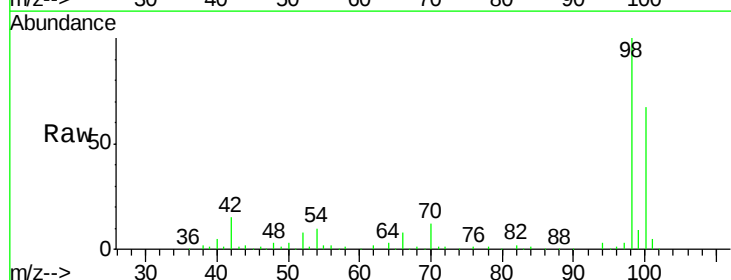
Instrument :
MSVOA_N
ClientSampleId :
HDD

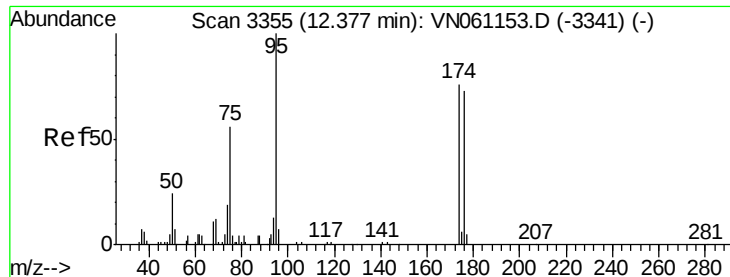
Tot Ion: 43 Resp: 36429
Ion Ratio Lower Upper
43 100
61 17.0 19.5 29.3#
87 10.5 8.9 13.3



#50
Toluene-d8
Concen: 53.947 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061334.D
Acq: 7 May 2020 15:20

Tgt Ion: 98 Resp: 220215
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 53.181 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061334.D

Acq: 7 May 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

HDD

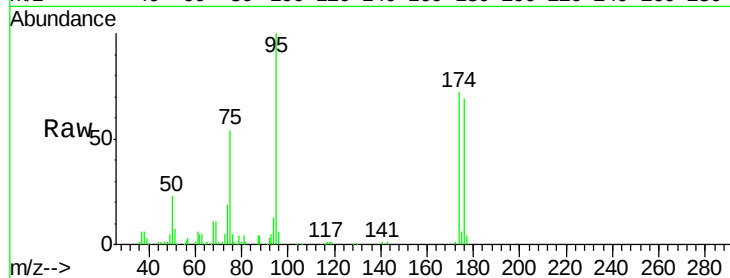
Tot Ion: 95 Resp: 81694

Ion Ratio Lower Upper

95 100

174 72.6 0.0 149.4

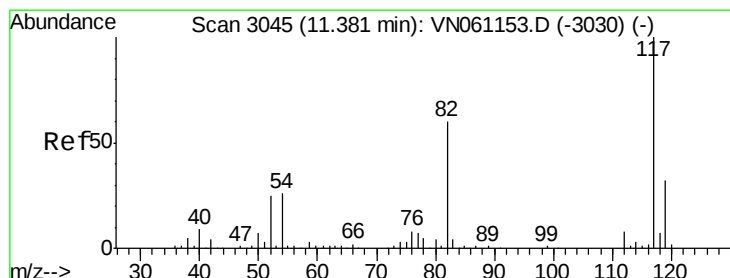
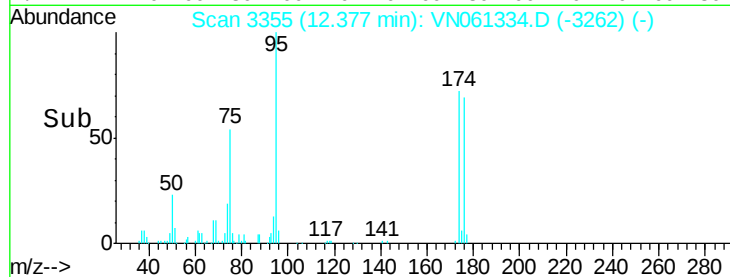
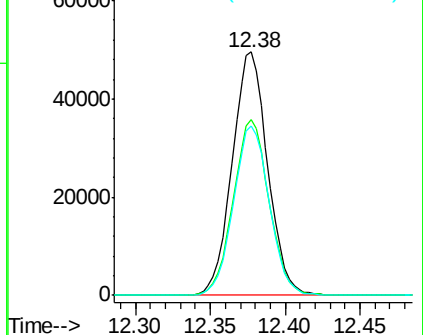
176 70.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061334.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061334.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061334.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061334.D

Acq: 7 May 2020 15:20

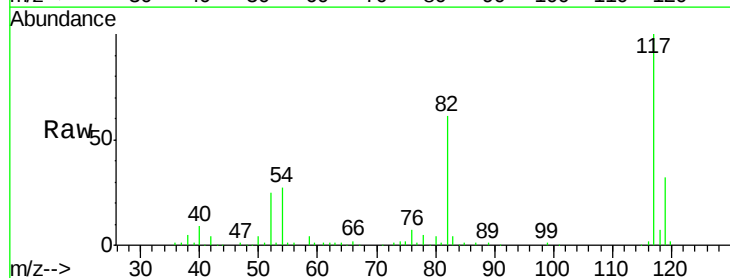
Tgt Ion: 117 Resp: 171636

Ion Ratio Lower Upper

117 100

82 61.3 47.8 71.8

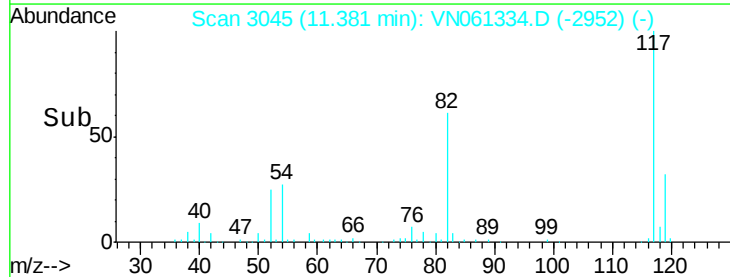
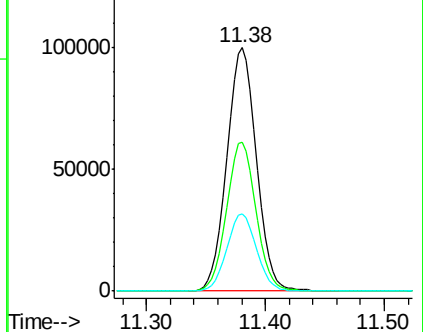
119 31.9 25.8 38.6

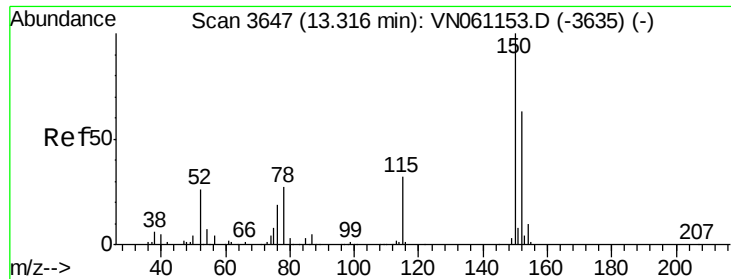


Abundance Ion 116.90 (116.60 to 117.60): VN061334.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061334.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061334.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: VN061334.D

Acq: 7 May 2020 15:20

Instrument :

MSVOA_N

ClientSampleId :

HDD

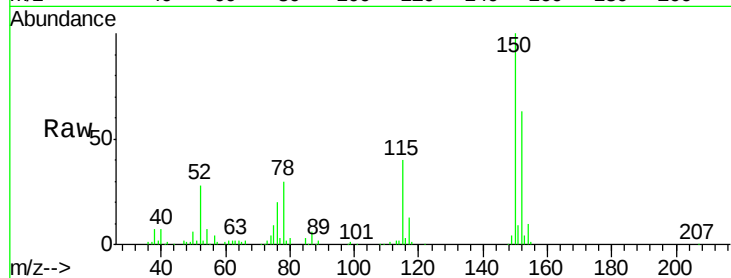
Tot Ion:152 Resp: 72129

Ion Ratio Lower Upper

152 100

115 63.4 31.0 93.0

150 157.7 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

