

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042920\
 Data File : VN061195.D
 Acq On : 29 Apr 2020 16:33
 Operator : JC/MD
 Sample : L2451-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Quant Time: Apr 30 03:35:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

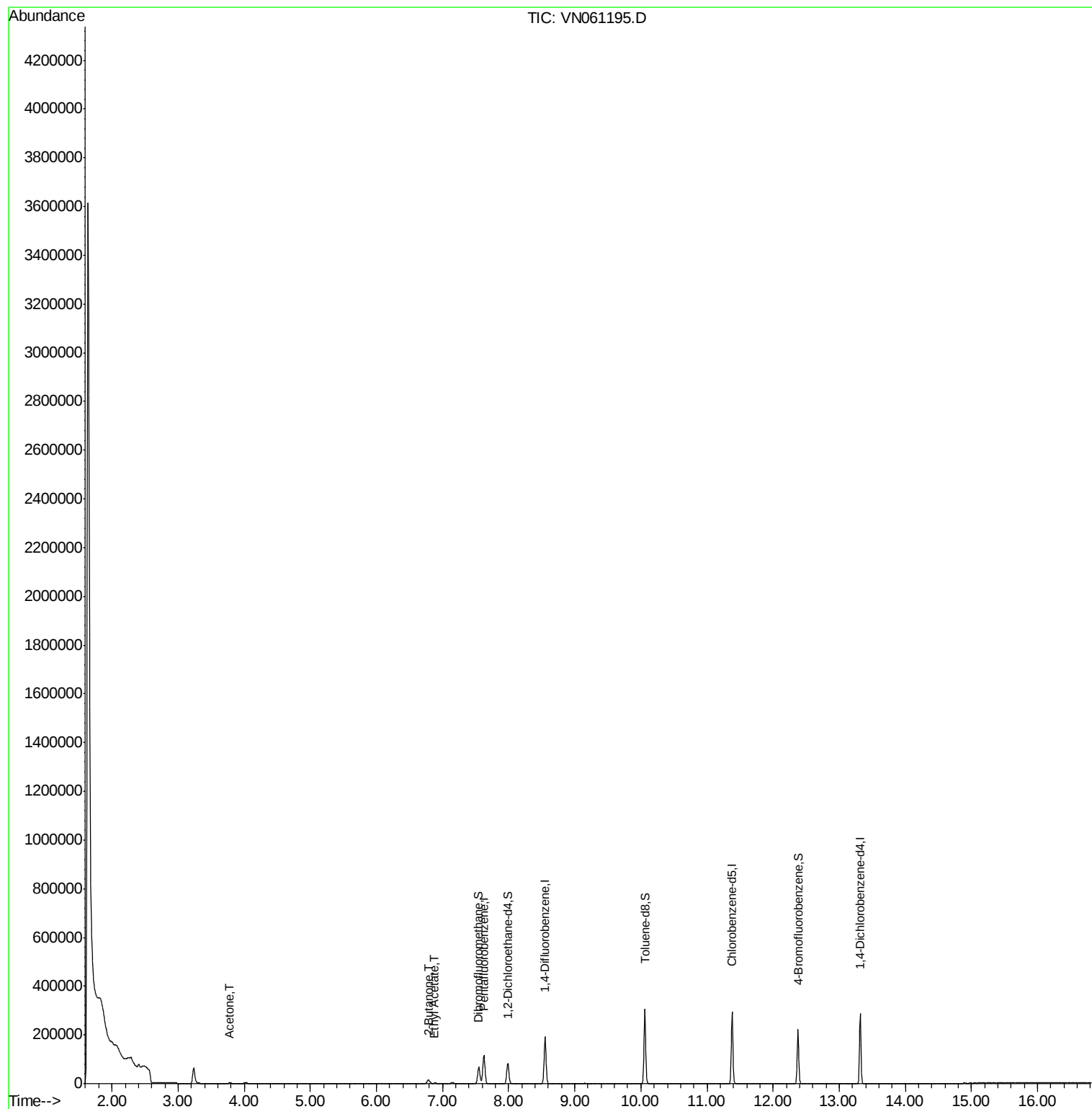
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	89088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	160222	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	156524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	70280	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	73408	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
35) Dibromofluoromethane	7.55	113	50593	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
50) Toluene-d8	10.06	98	200676	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.38	95	74964	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
Target Compounds						
16) Acetone	3.78	43	7062	7.597	ug/l	97
25) 2-Butanone	6.79	43	26888	32.235	ug/l	99
37) Ethyl Acetate	6.89	43	5854	3.113	ug/l #	82

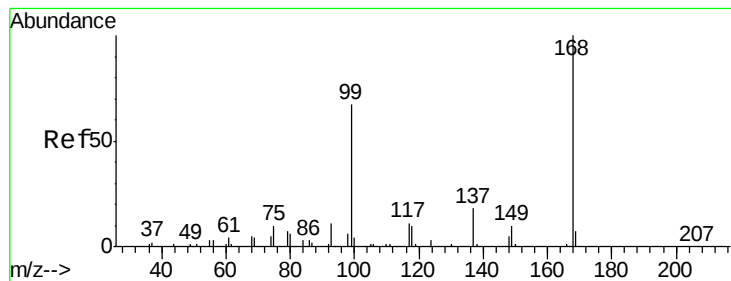
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061195.D

Acq: 29 Apr 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

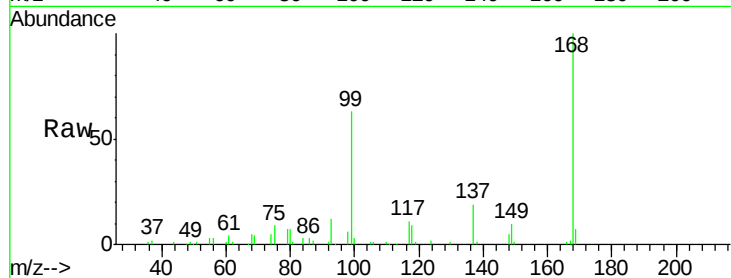
MW-1

Tot Ion:168 Resp: 89088

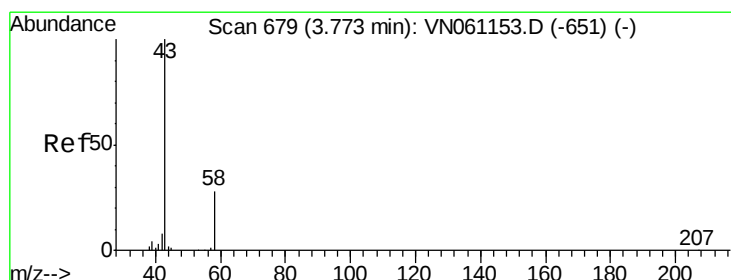
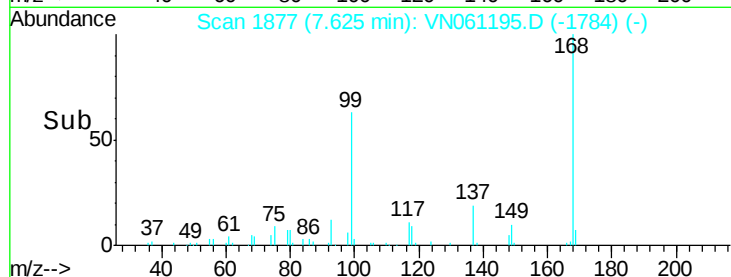
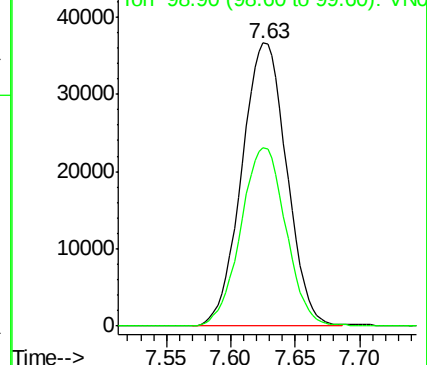
Ion Ratio Lower Upper

168 100

99 63.2 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): VN061195.D (-1784) (-)



#16

Acetone

Concen: 7.597 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061195.D

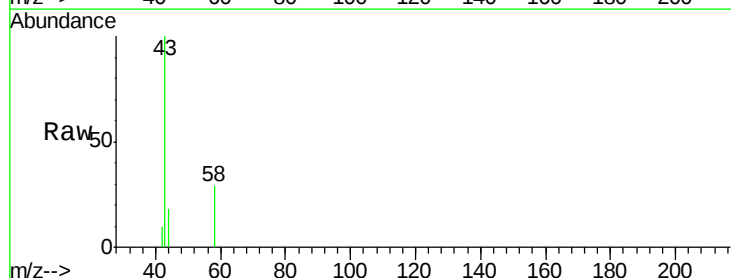
Acq: 29 Apr 2020 16:33

Tgt Ion: 43 Resp: 7062

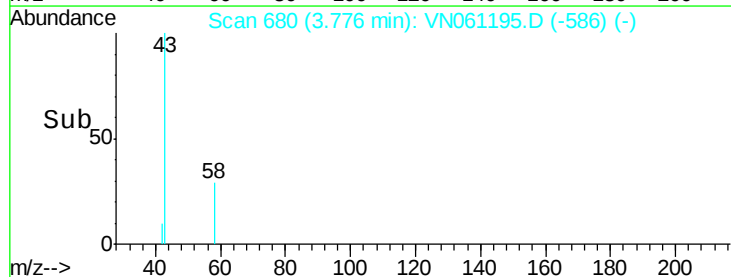
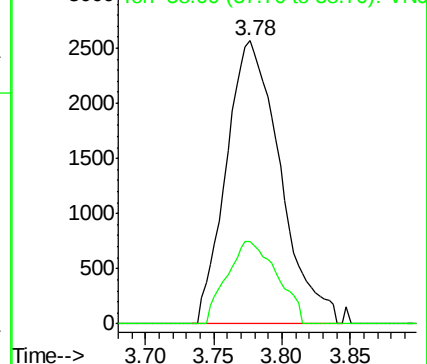
Ion Ratio Lower Upper

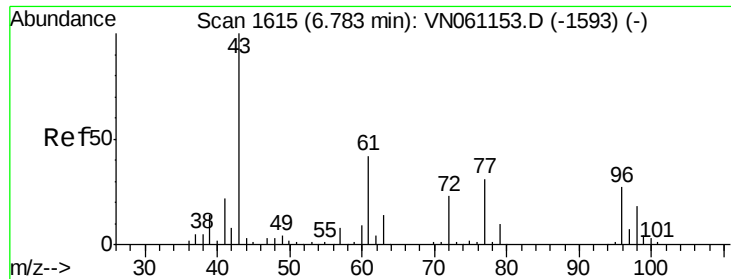
43 100

58 29.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN061195.D (-586) (-)





#25

2-Butanone

Concen: 32.235 ug/l

RT: 6.79 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VN061195.D

Acq: 29 Apr 2020 16:33

Instrument :

MSVOA_N

ClientSampled :

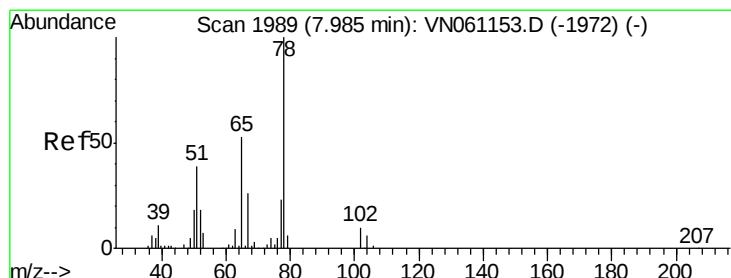
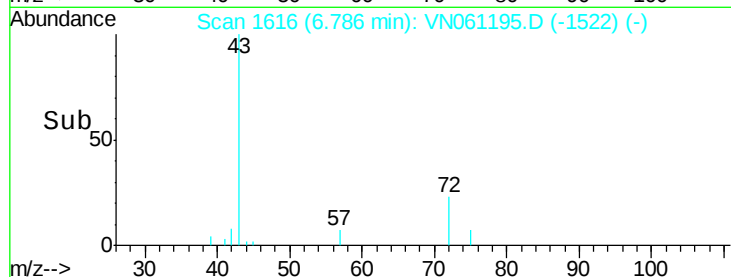
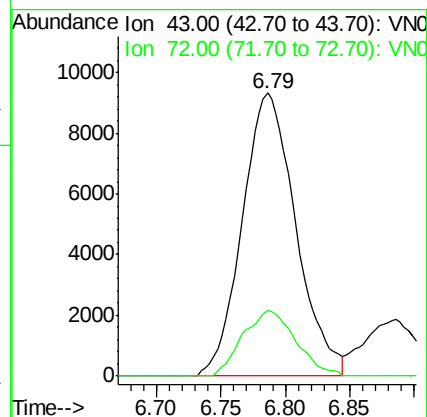
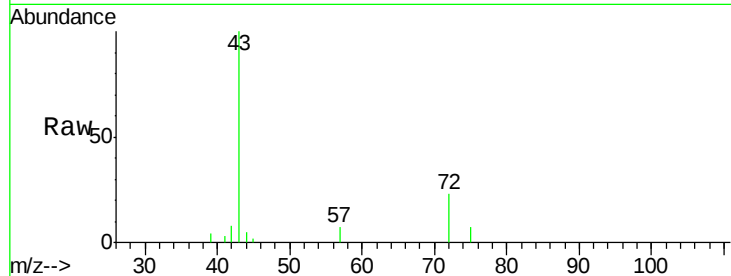
MW-1

Tot Ion: 43 Resp: 26888

Ion Ratio Lower Upper

43 100

72 23.3 18.2 27.4



#33

1,2-Dichloroethane-d4

Concen: 52.075 ug/l

RT: 7.99 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN061195.D

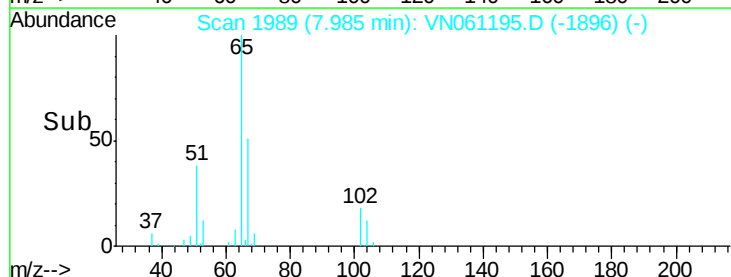
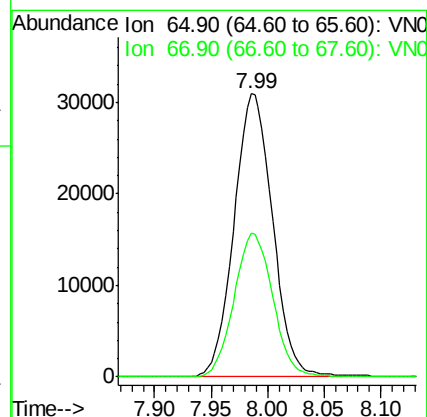
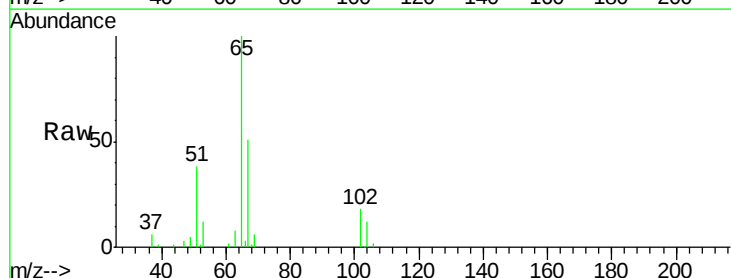
Acq: 29 Apr 2020 16:33

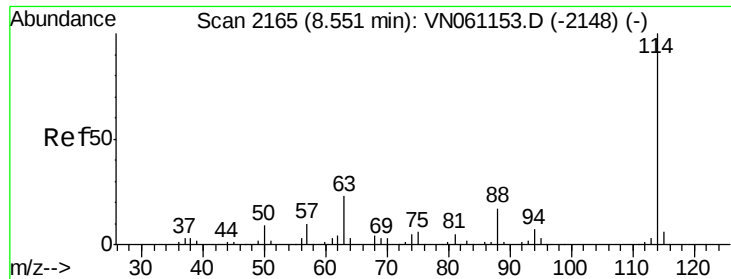
Tgt Ion: 65 Resp: 73408

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.6

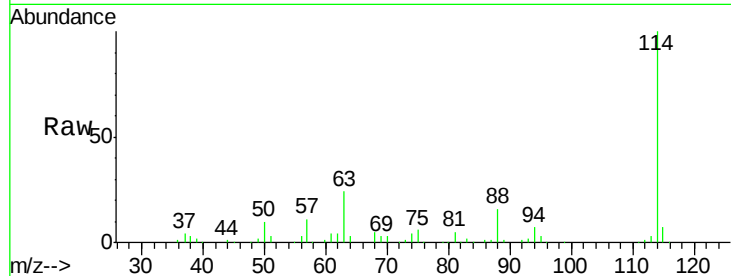




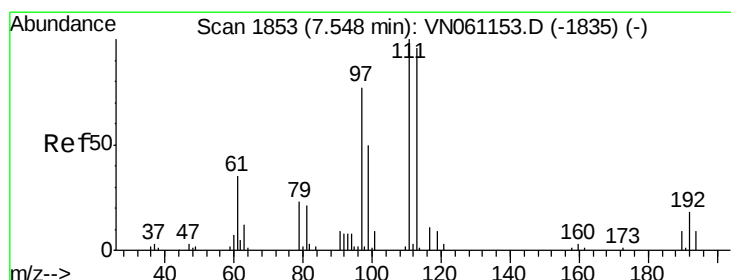
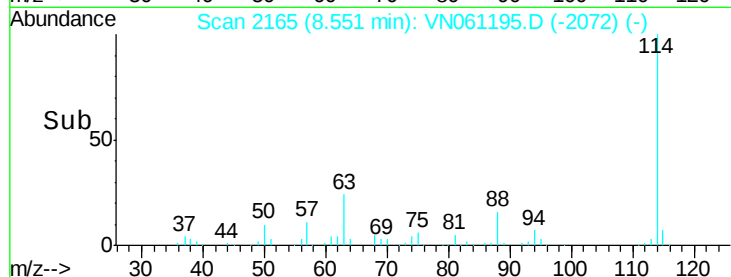
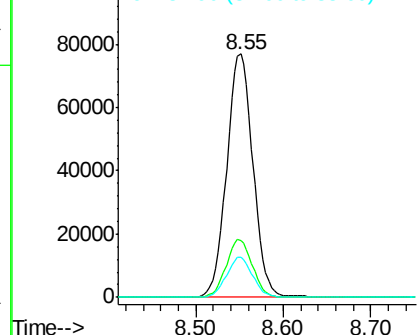
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061195.D
 Acq: 29 Apr 2020 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1

Tot Ion:114 Resp: 160222
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.6
 88 16.4 0.0 33.4

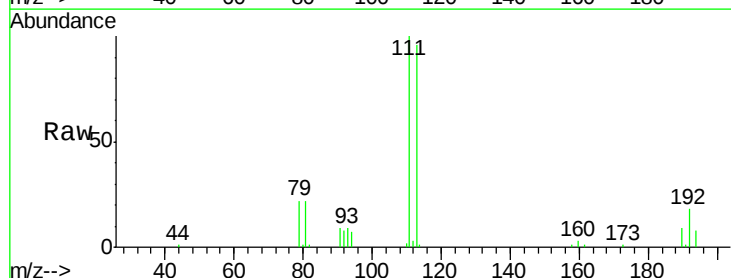


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

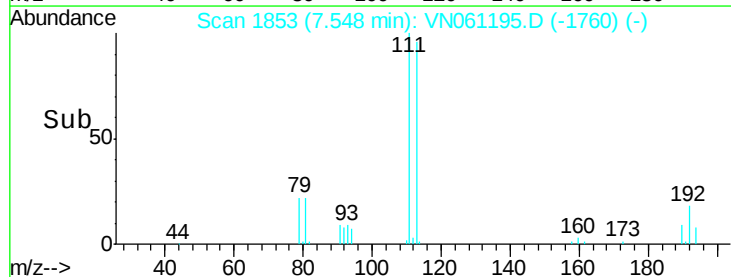
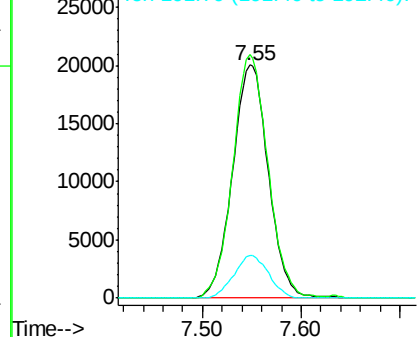


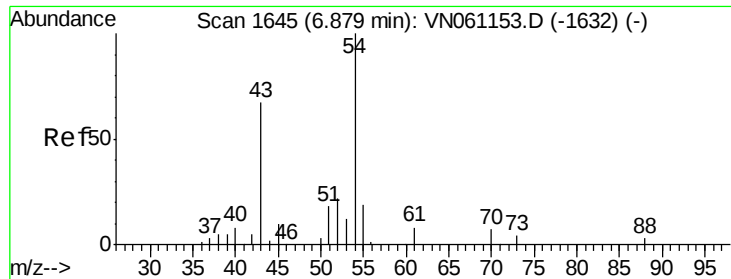
#35
 Dibromofluoromethane
 Concen: 53.400 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061195.D
 Acq: 29 Apr 2020 16:33

Tgt Ion:113 Resp: 50593
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.9 124.3
 192 17.8 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

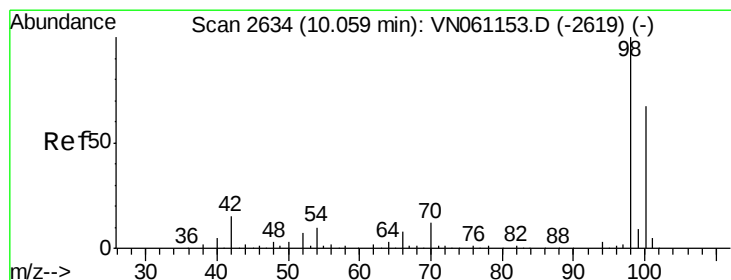
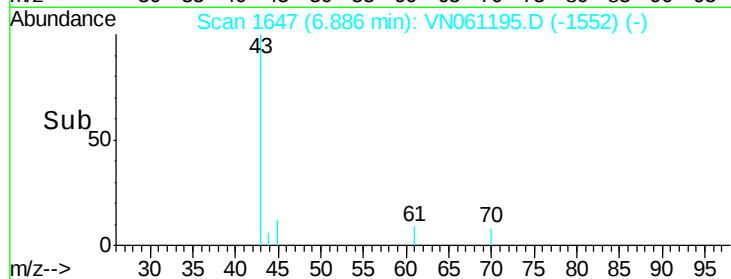
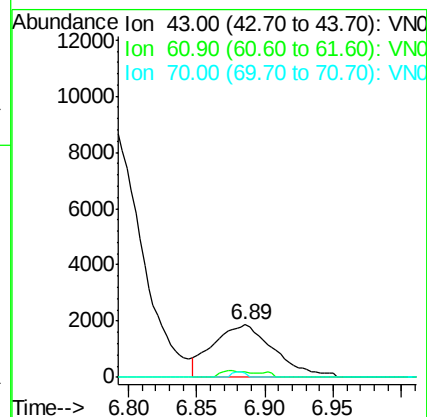
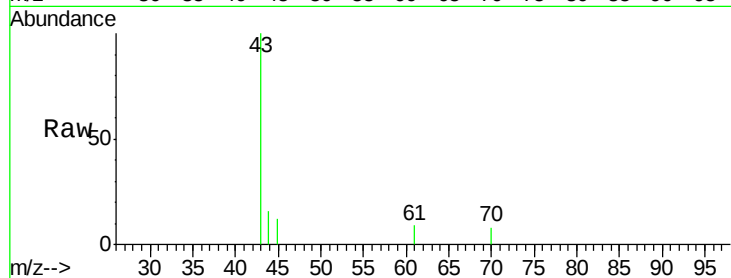




#37
Ethyl Acetate
Concen: 3.113 ug/l
RT: 6.89 min Scan# 1647
Delta R.T. 0.01 min
Lab File: VN061195.D
Acq: 29 Apr 2020 16:33

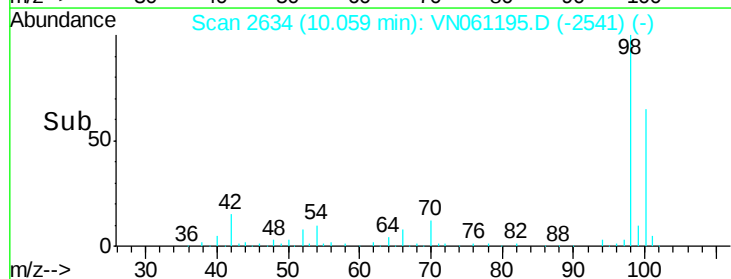
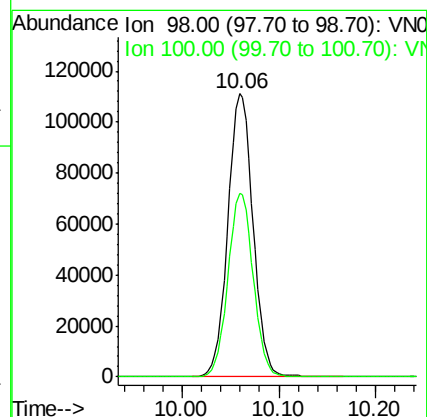
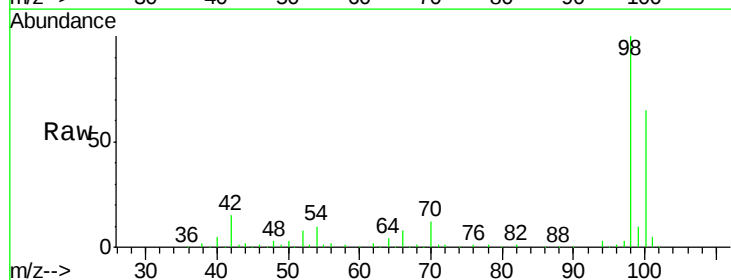
Instrument :
MSVOA_N
ClientSampleId :
MW-1

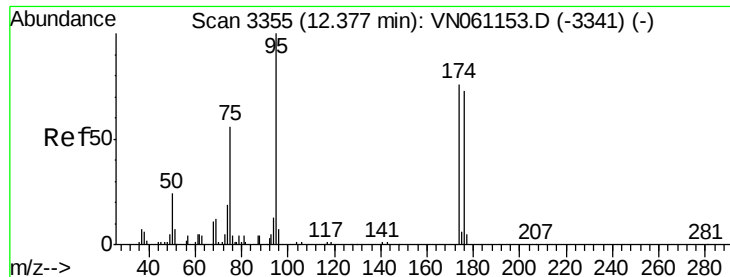
Tot Ion: 43 Resp: 5854
Ion Ratio Lower Upper
43 100
61 5.7 10.2 15.2#
70 2.2 7.2 10.8#



#50
Toluene-d8
Concen: 51.959 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061195.D
Acq: 29 Apr 2020 16:33

Tgt Ion: 98 Resp: 200676
Ion Ratio Lower Upper
98 100
100 65.2 53.4 80.0





#62

4-Bromofluorobenzene

Concen: 51.578 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061195.D

Acq: 29 Apr 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

MW-1

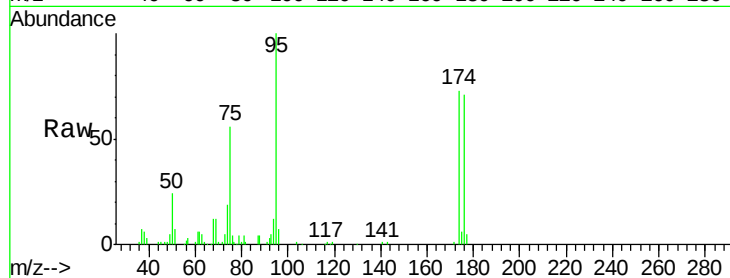
Tot Ion: 95 Resp: 74964

Ion Ratio Lower Upper

95 100

174 73.1 0.0 149.4

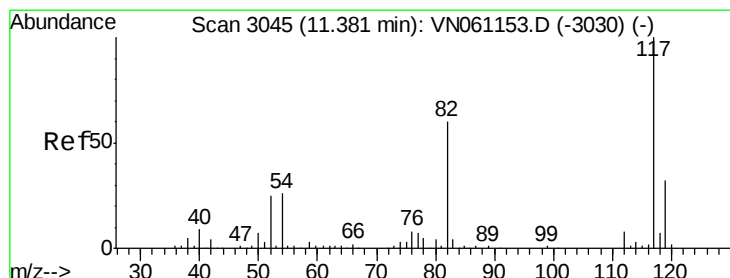
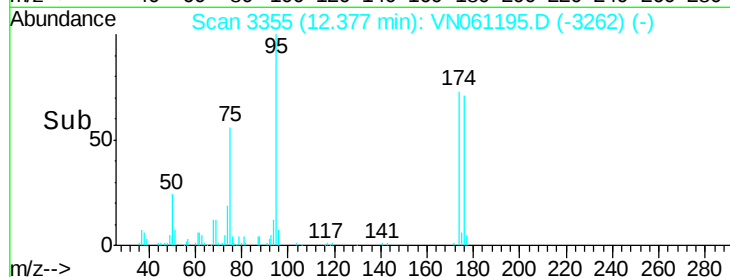
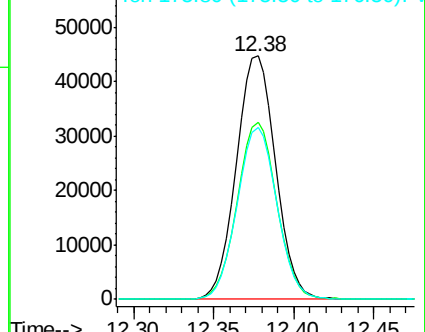
176 71.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN061195.D (-3262) (-)

Ion 173.80 (173.50 to 174.50): VN061195.D (-3262) (-)

Ion 175.80 (175.50 to 176.50): VN061195.D (-3262) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061195.D

Acq: 29 Apr 2020 16:33

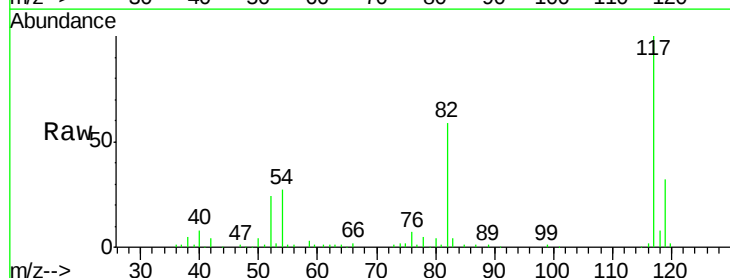
Tgt Ion: 117 Resp: 156524

Ion Ratio Lower Upper

117 100

82 59.3 47.8 71.8

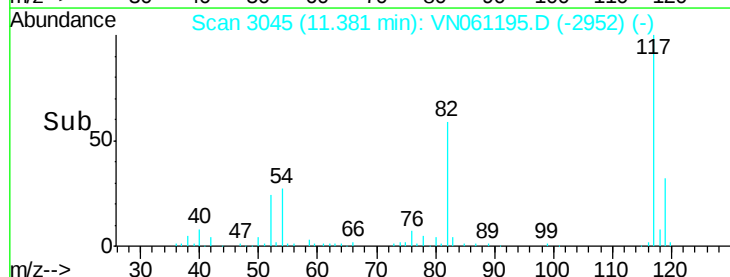
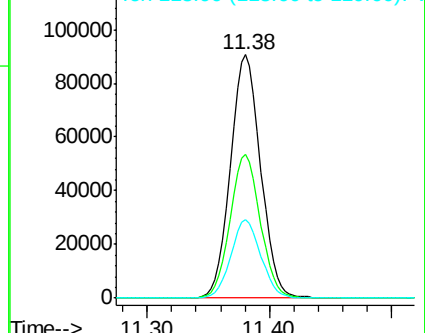
119 32.4 25.8 38.6

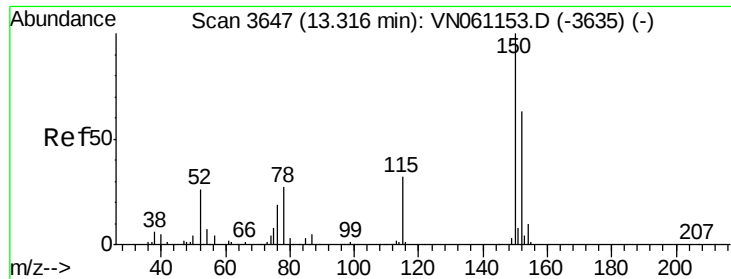


Abundance Ion 116.90 (116.60 to 117.60): VN061195.D (-2952) (-)

Ion 82.00 (81.70 to 82.70): VN061195.D (-2952) (-)

Ion 118.90 (118.60 to 119.60): VN061195.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: VN061195.D

Acq: 29 Apr 2020 16:33

Instrument :

MSVOA_N

ClientSampleId :

MW-1

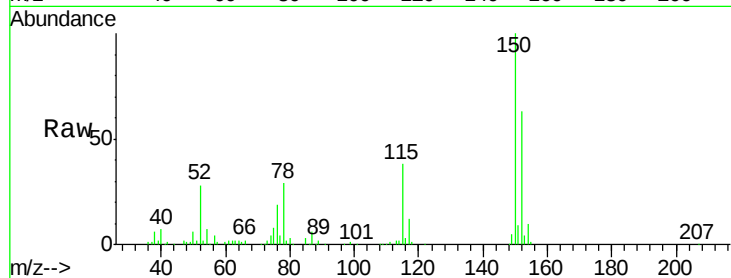
Tot Ion:152 Resp: 70280

Ion Ratio Lower Upper

152 100

115 61.4 31.0 93.0

150 158.2 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

