

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050820\
 Data File : VN061375.D
 Acq On : 8 May 2020 20:25
 Operator : JC/MD
 Sample : L2503-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-050720

Quant Time: May 09 04:32:16 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

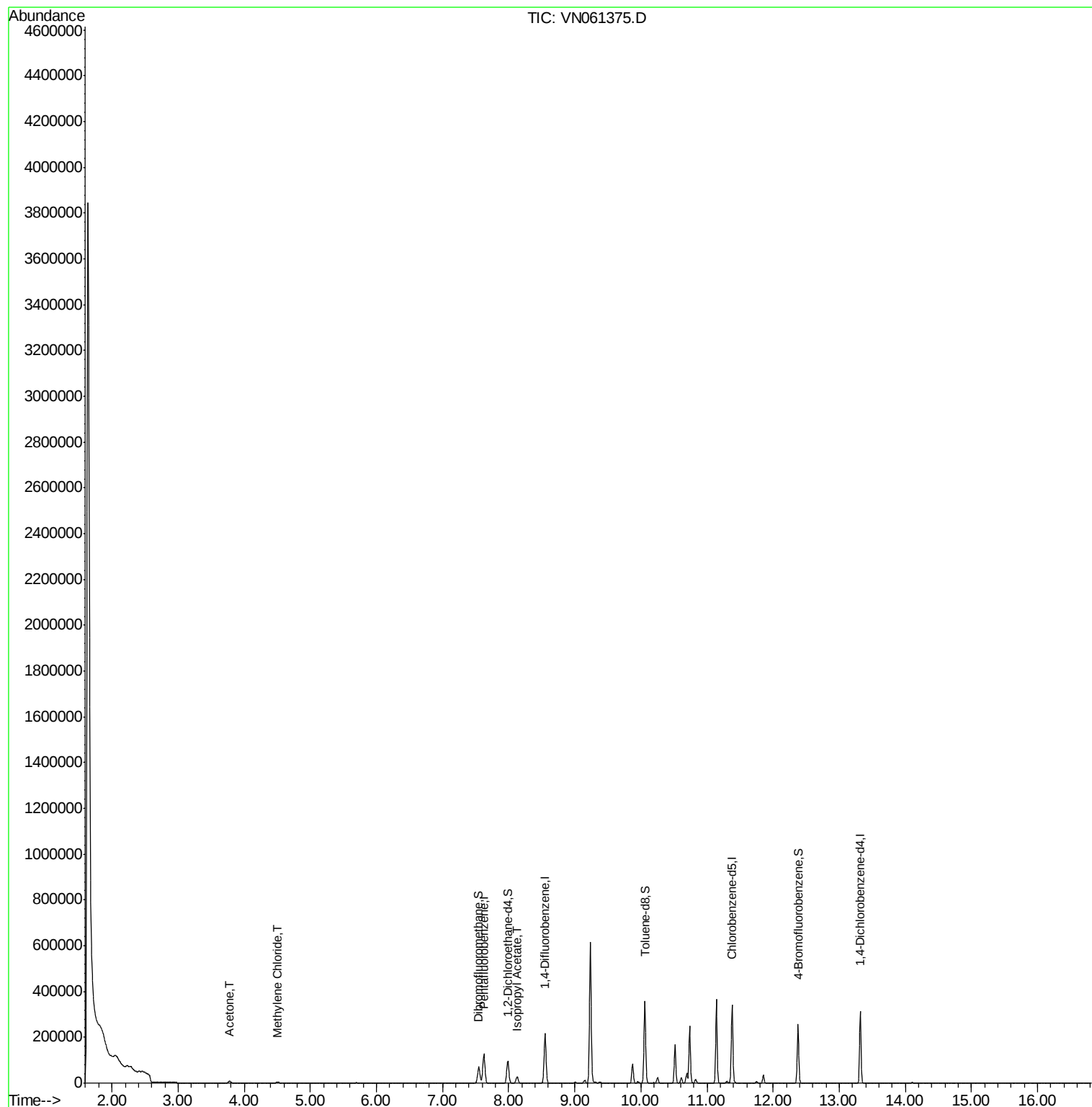
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	96685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	180106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	180361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	76679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	83861	54.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.64%	
35) Dibromofluoromethane	7.55	113	53005	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	10.06	98	231229	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.38	95	85742	52.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.96%	
Target Compounds						
16) Acetone	3.78	43	15973	21.957	ug/l	98
20) Methylene Chloride	4.51	84	3240	2.716	ug/l	94
43) Isopropyl Acetate	8.13	43	35234	10.044	ug/l #	90

(#) = 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: VN061375.D

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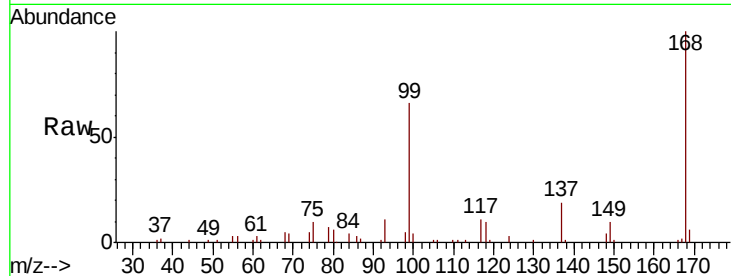
OR-03-050720

Tot Ion:168 Resp: 96685

Ion Ratio Lower Upper

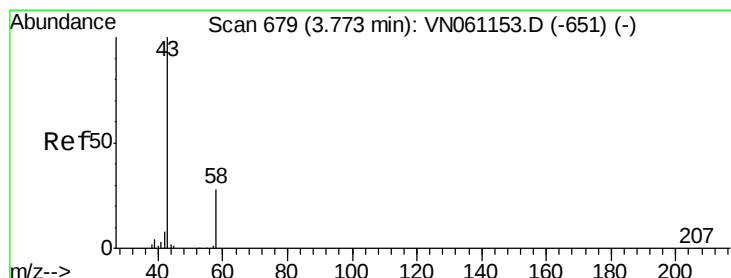
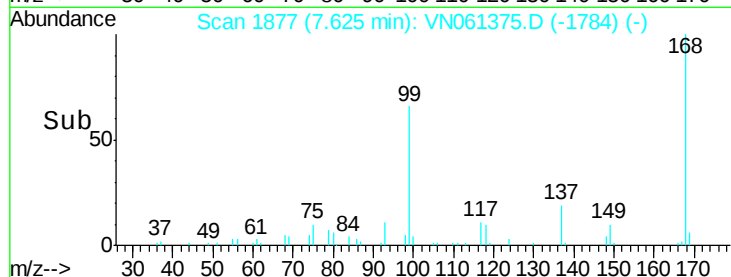
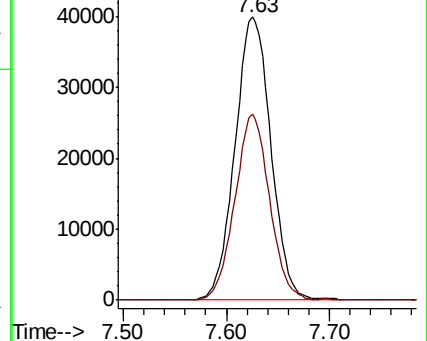
168 100

99 65.6 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 21.957 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061375.D

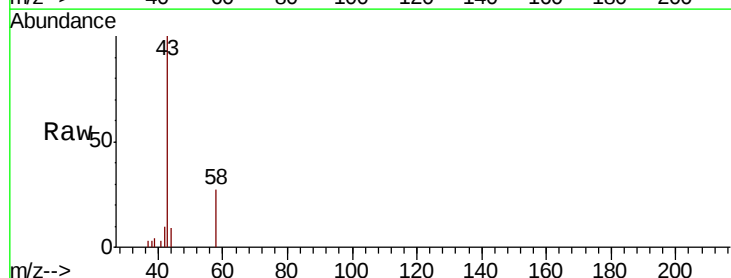
Acq: 8 May 2020 20:25

Tgt Ion: 43 Resp: 15973

Ion Ratio Lower Upper

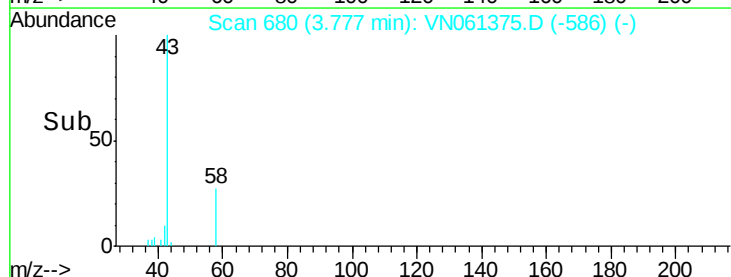
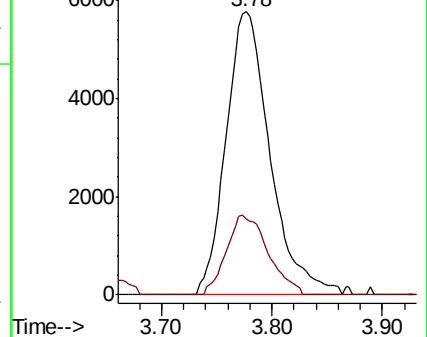
43 100

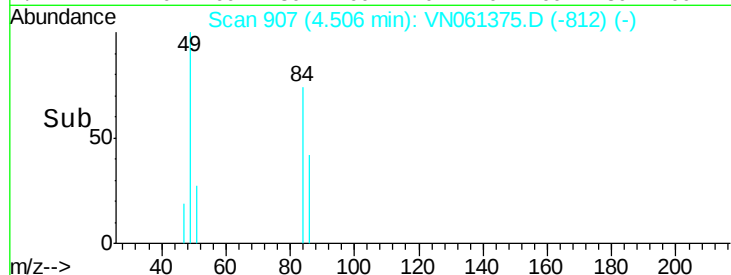
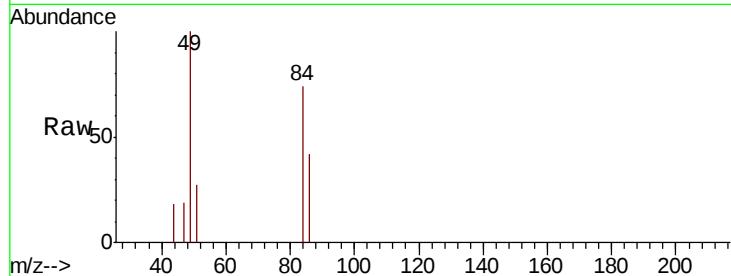
58 26.7 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

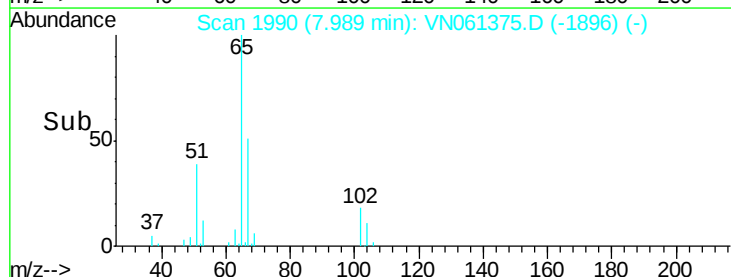
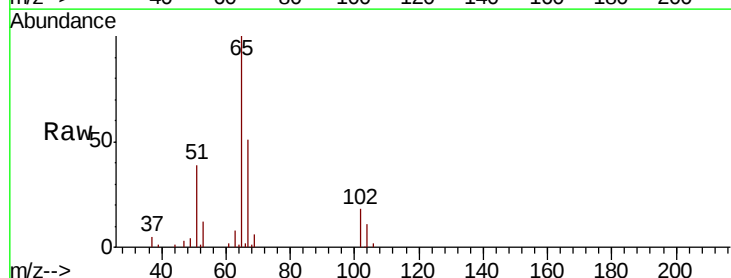
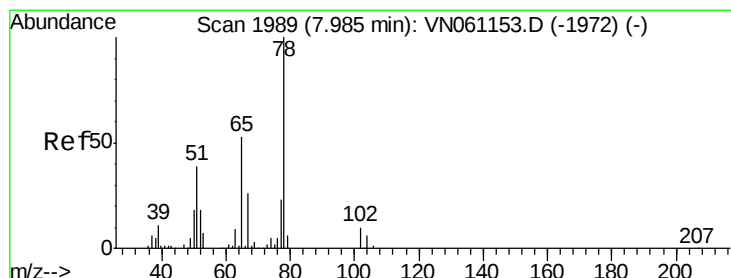
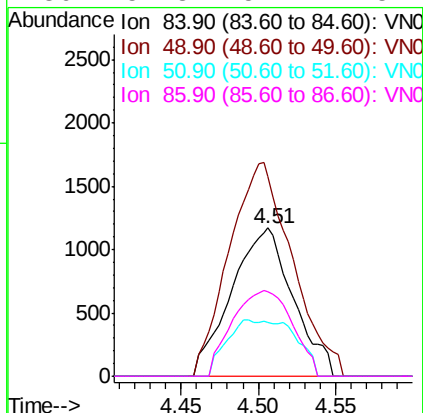




#20
Methvlene Chloride
Concen: 2.716 ug/l
RT: 4.51 min Scan# 907
Delta R.T. 0.01 min
Lab File: VN061375.D
Acq: 8 May 2020 20:25

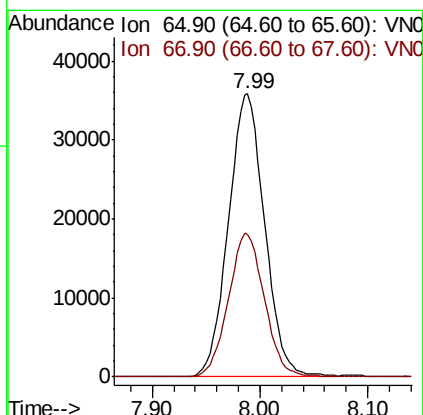
Instrument :
MSVOA_N
ClientSampleId :
OR-03-050720

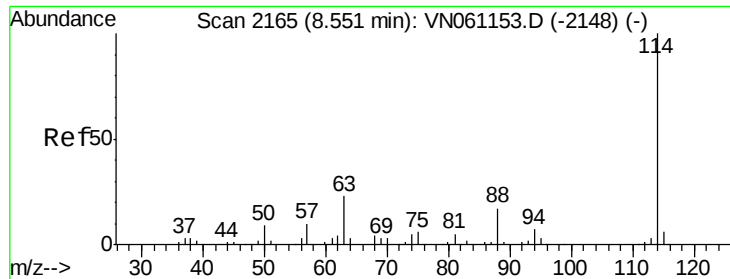
Tot Ion:	84	Resp:	3240
Ion	Ratio	Lower	Upper
84	100		
49	135.2	112.0	168.0
51	36.6	33.6	50.4
86	57.3	52.1	78.1



#33
1,2-Dichloroethane-d4
Concen: 54.816 ug/l
RT: 7.99 min Scan# 1990
Delta R.T. 0.00 min
Lab File: VN061375.D
Acq: 8 May 2020 20:25

Tgt Ion:	65	Resp:	83861
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	101.6

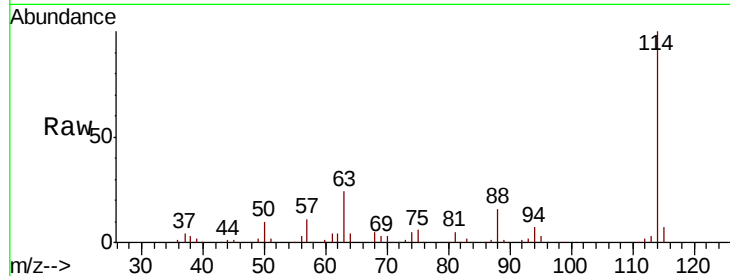




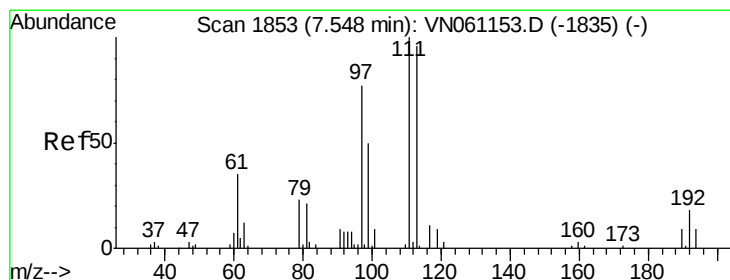
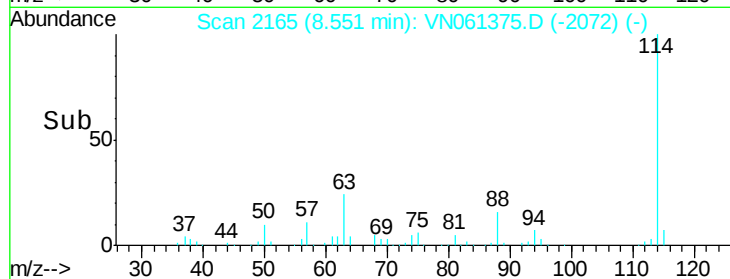
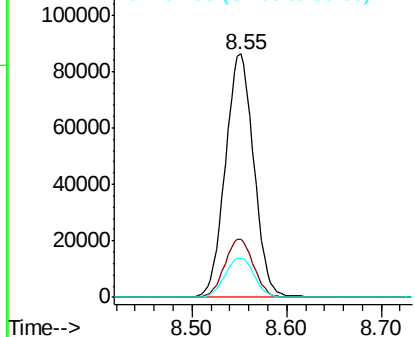
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2165
Delta R.T. 0.00 min
Lab File: VN061375.D
Acq: 8 May 2020 20:25

Instrument :
MSVOA_N
ClientSampleId :
OR-03-050720

Tot Ion:114 Resp: 180106
Ion Ratio Lower Upper
114 100
63 23.8 0.0 46.6
88 16.0 0.0 33.4

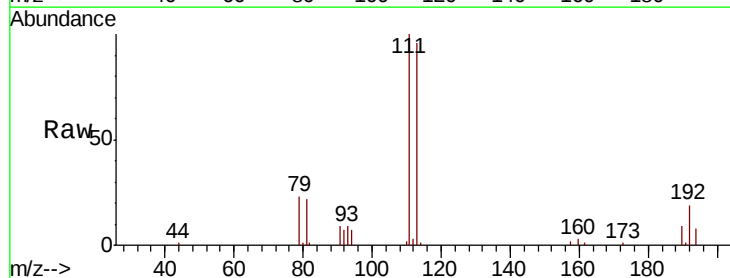


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

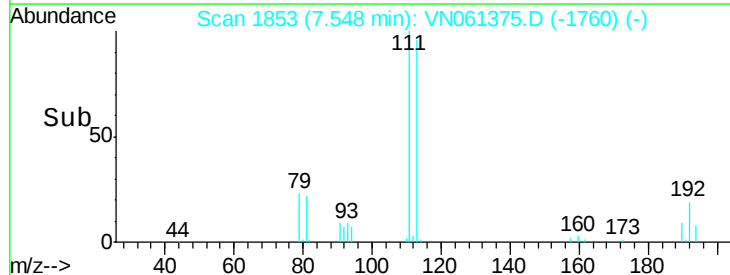
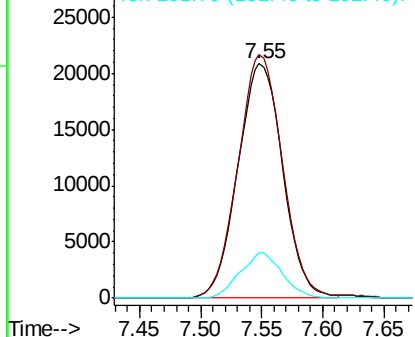


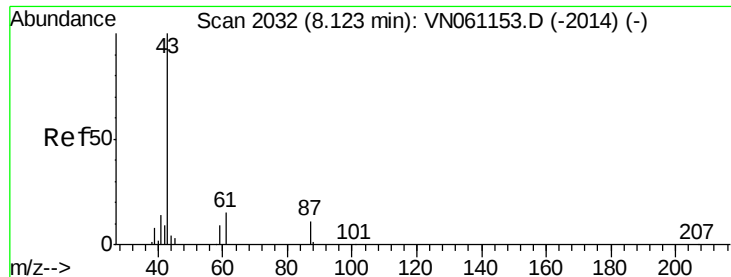
#35
Dibromofluoromethane
Concen: 49.770 ug/l
RT: 7.55 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061375.D
Acq: 8 May 2020 20:25

Tgt Ion:113 Resp: 53005
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 18.2 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: 10.044 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061375.D

Acq: 8 May 2020 20:25

Instrument :

MSVOA_N

ClientSampleId :

OR-03-050720

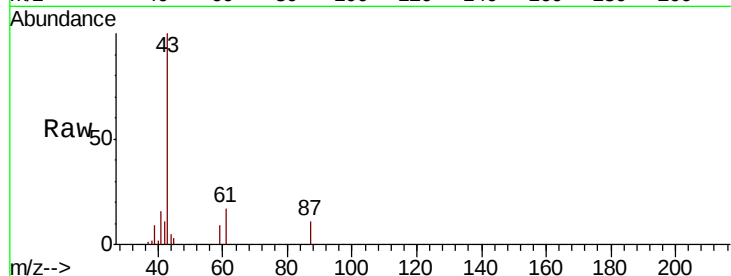
Tot Ion: 43 Resp: 35234

Ion Ratio Lower Upper

43 100

61 17.1 19.5 29.3#

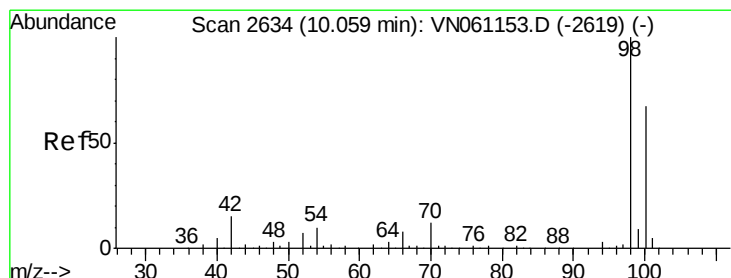
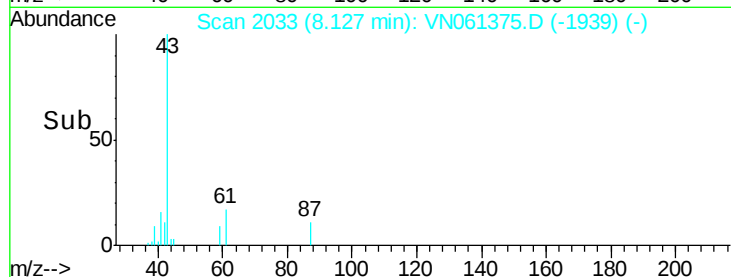
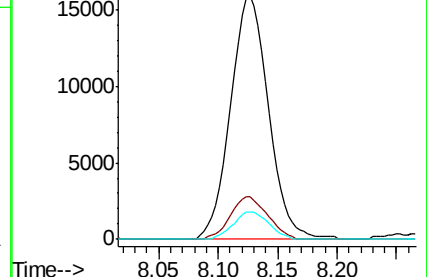
87 10.7 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#50

Toluene-d8

Concen: 53.260 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061375.D

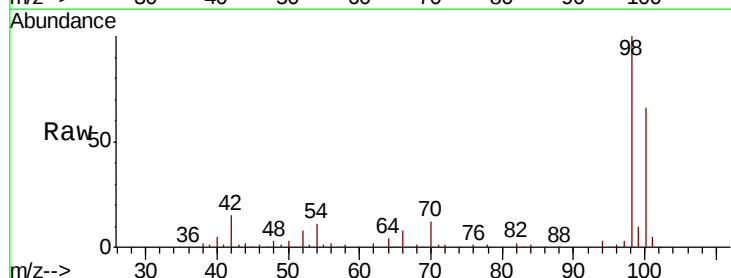
Acq: 8 May 2020 20:25

Tgt Ion: 98 Resp: 231229

Ion Ratio Lower Upper

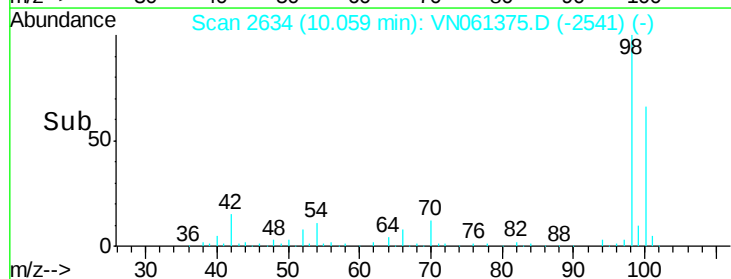
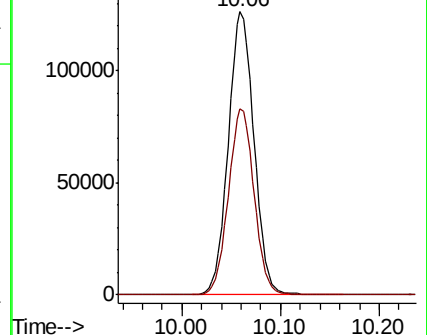
98 100

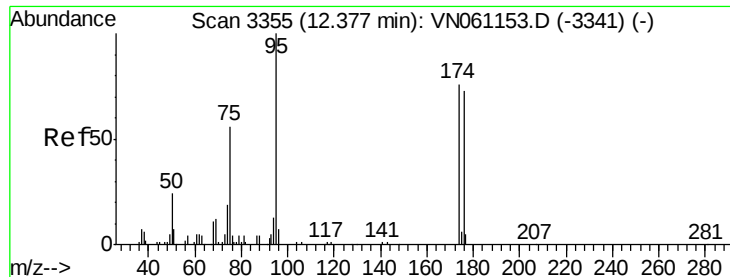
100 65.8 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VN061153.D (-2619) (-)

Ion 100.00 (99.70 to 100.70): VN061153.D (-2619) (-)





#62

4-Bromofluorobenzene

Concen: 52.480 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061375.D

Acq: 8 May 2020 20:25

Instrument :

MSVOA_N

ClientSampleId :

OR-03-050720

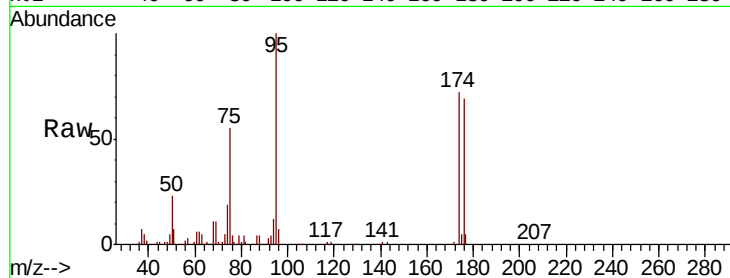
Tot Ion: 95 Resp: 85742

Ion Ratio Lower Upper

95 100

174 73.1 0.0 149.4

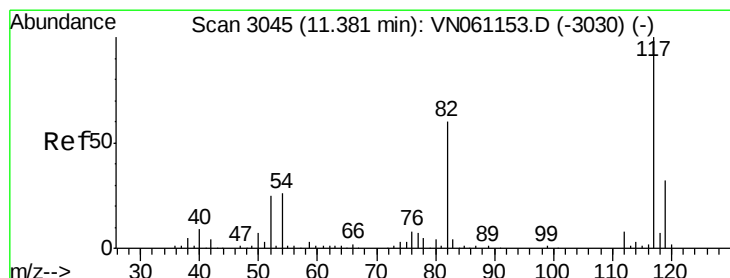
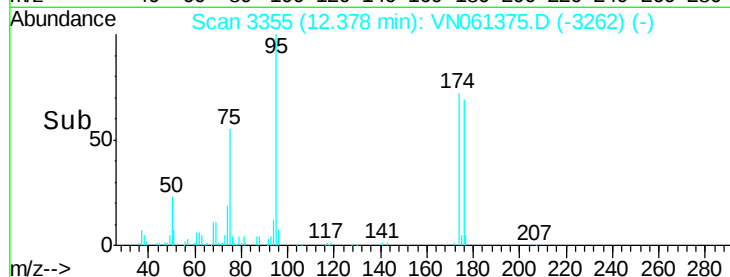
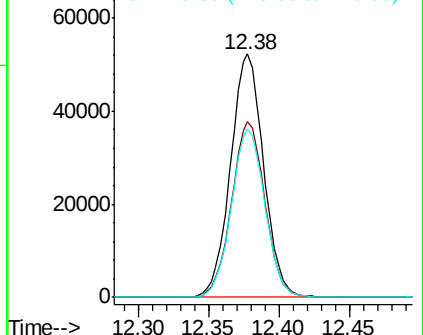
176 70.2 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 3045

Delta R.T. 0.00 min

Lab File: VN061375.D

Acq: 8 May 2020 20:25

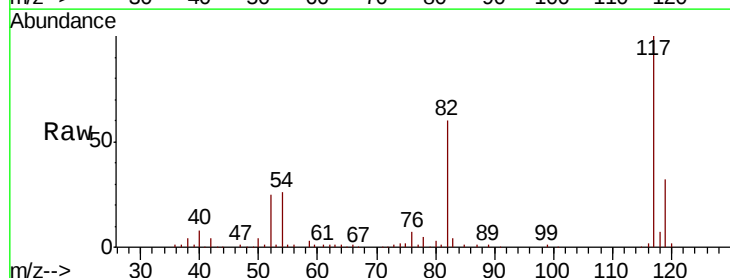
Tgt Ion: 117 Resp: 180361

Ion Ratio Lower Upper

117 100

82 60.3 47.8 71.8

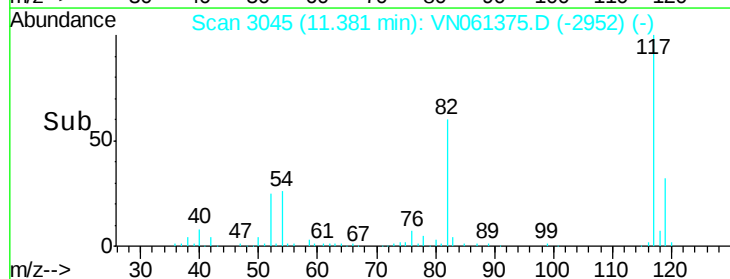
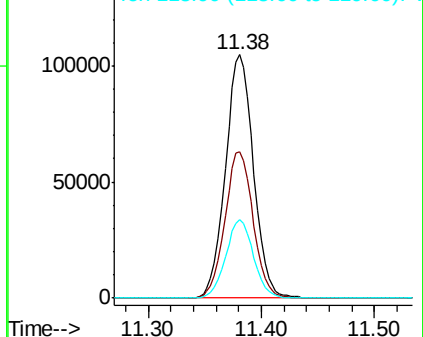
119 32.0 25.8 38.6

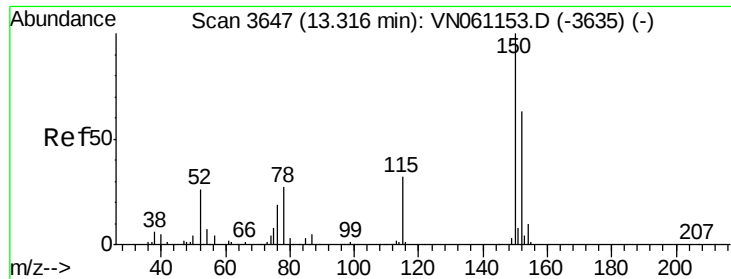


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061375.D

Acq: 8 May 2020 20:25

Instrument :

MSVOA_N

ClientSampleId :

OR-03-050720

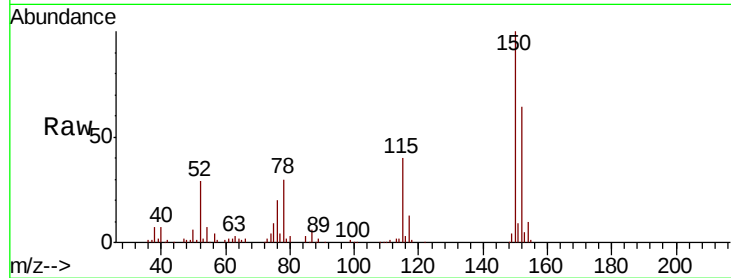
Tot Ion:152 Resp: 76679

Ion Ratio Lower Upper

152 100

115 62.1 31.0 93.0

150 156.8 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

