

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062987.D
 Acq On : 17 Aug 2020 22:45
 Operator : JC/MD
 Sample : L3508-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-08-081420

Quant Time: Aug 18 07:39:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081720W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 17:31:03 2020
 Response via : Initial Calibration

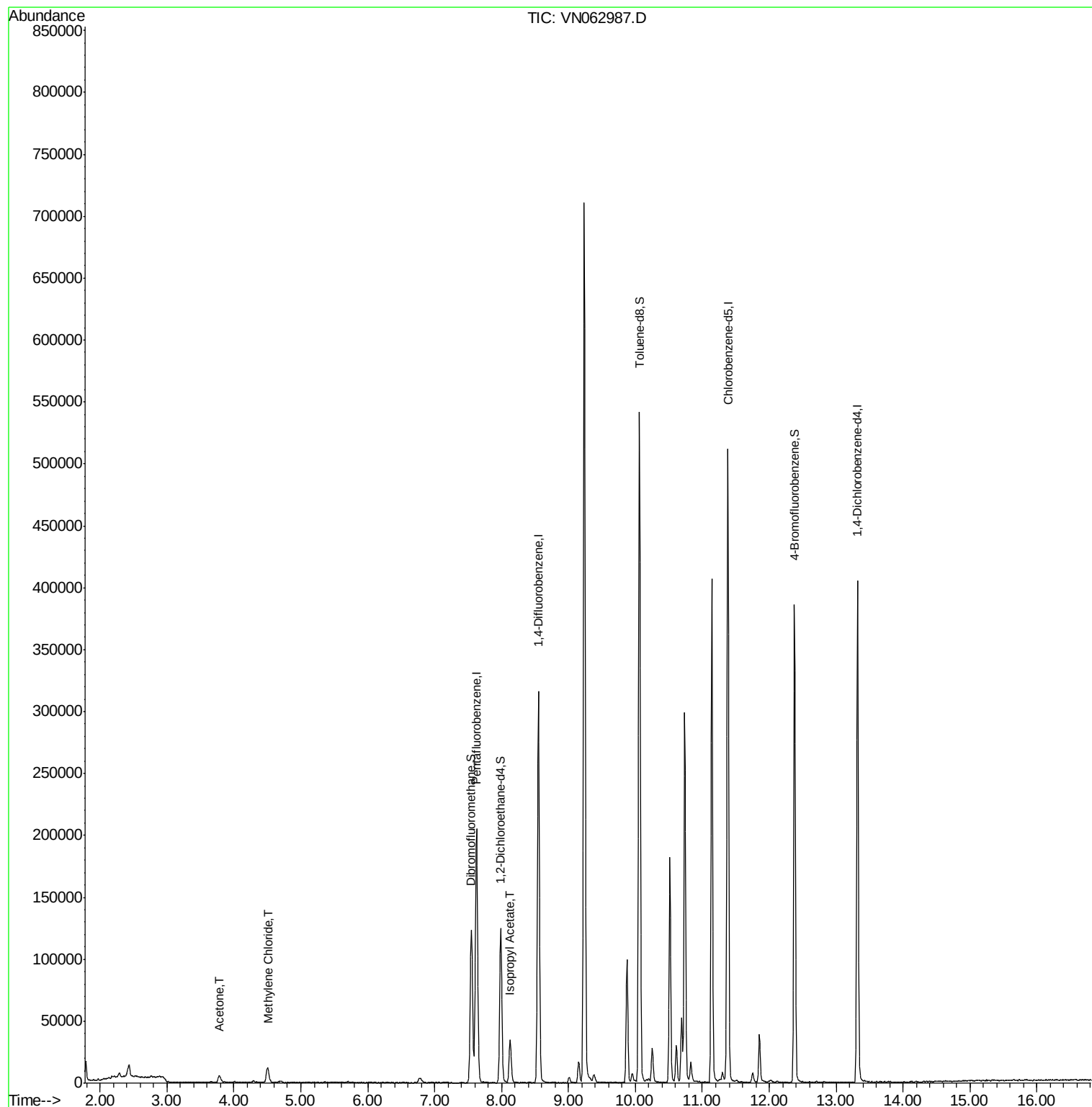
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	188510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	301048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	323721	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122789	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	105868	53.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.02%	
35) Dibromofluoromethane	7.55	113	98598	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.06	98	392267	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
62) 4-Bromofluorobenzene	12.38	95	134047	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
Target Compounds						
16) Acetone	3.78	43	9690	12.532	ug/l	100
20) Methylene Chloride	4.51	84	9772	5.777	ug/l	92
43) Isopropyl Acetate	8.13	43	39475	10.531	ug/l #	89

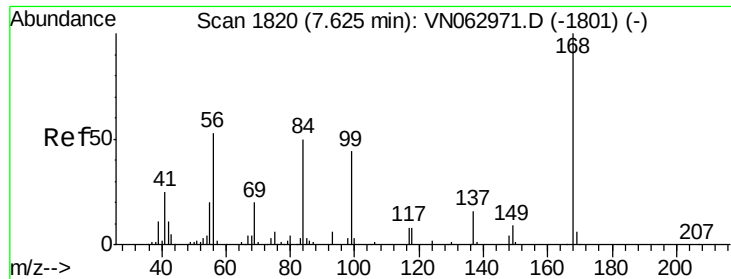
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081720\
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QLast Update : Mon Aug 17 17:31:03 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: VN062987.D

Acq: 17 Aug 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

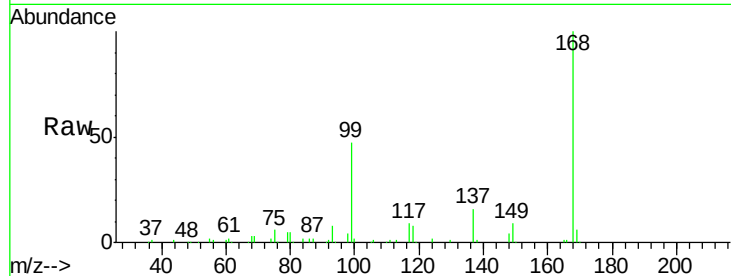
TR-08-081420

Tot Ion:168 Resp: 188510

Ion Ratio Lower Upper

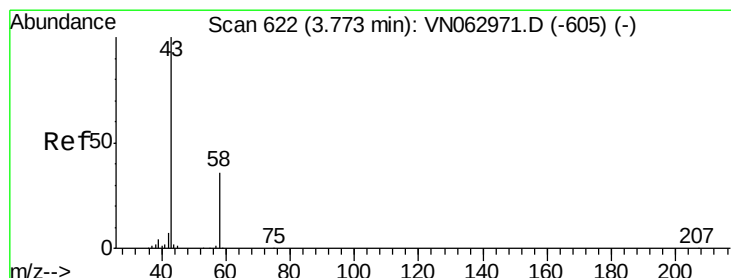
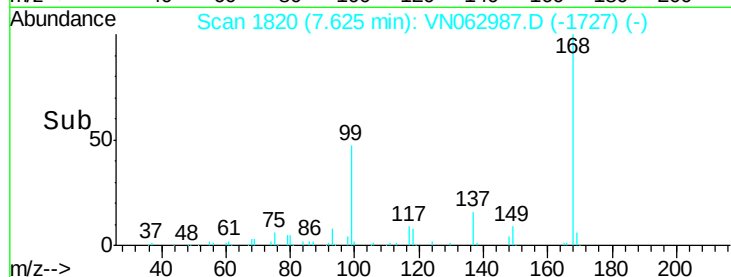
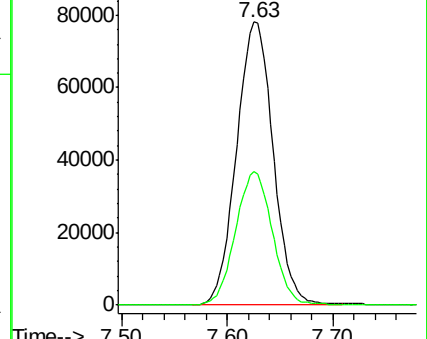
168 100

99 47.2 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 12.532 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062987.D

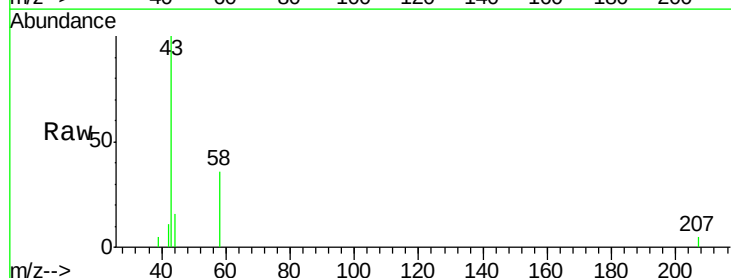
Acq: 17 Aug 2020 22:45

Tgt Ion: 43 Resp: 9690

Ion Ratio Lower Upper

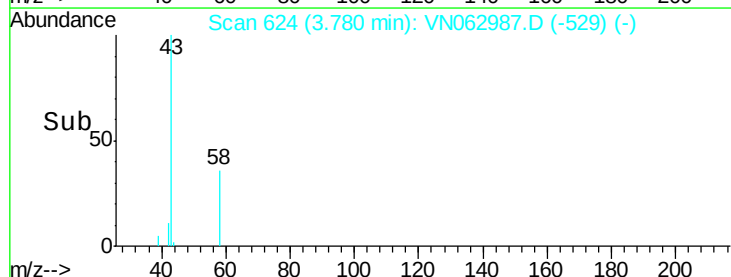
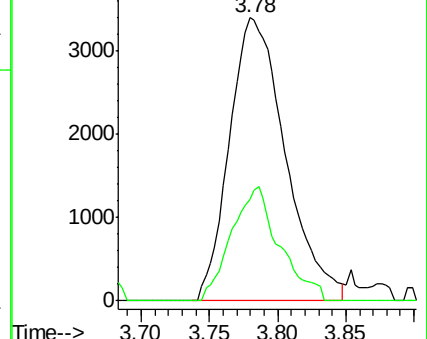
43 100

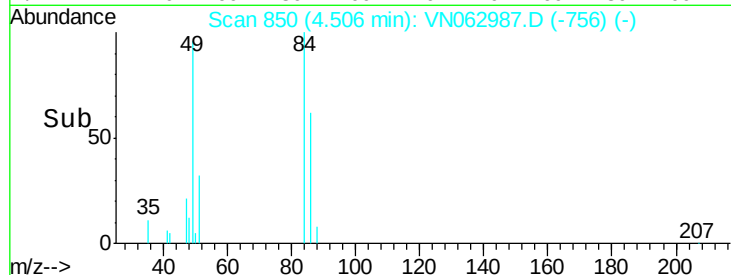
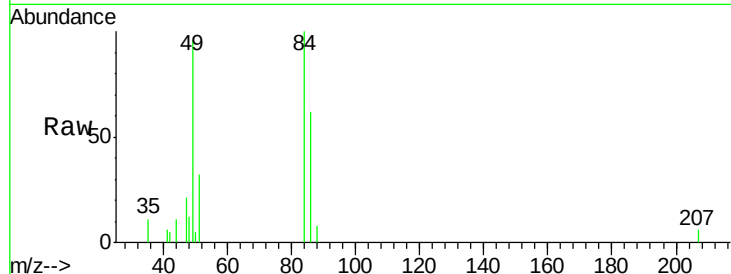
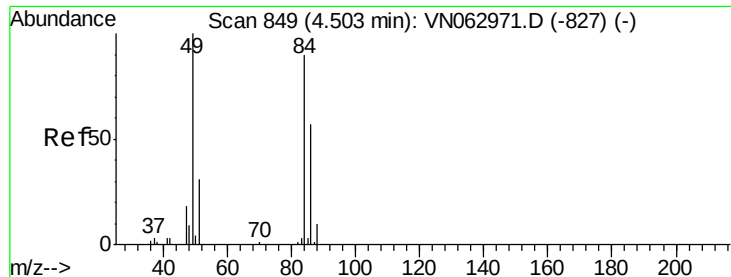
58 35.8 28.7 43.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

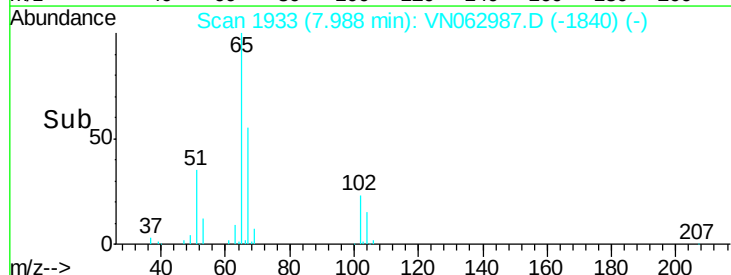
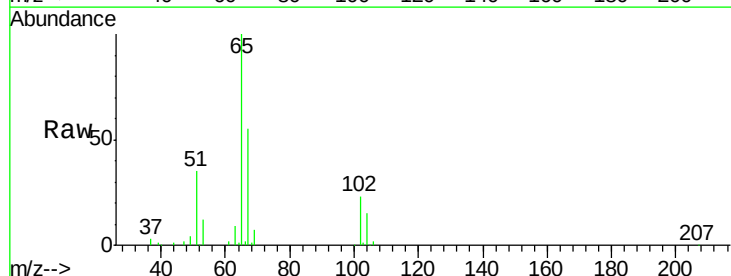
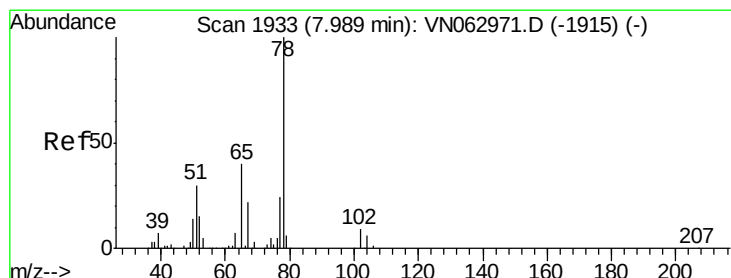
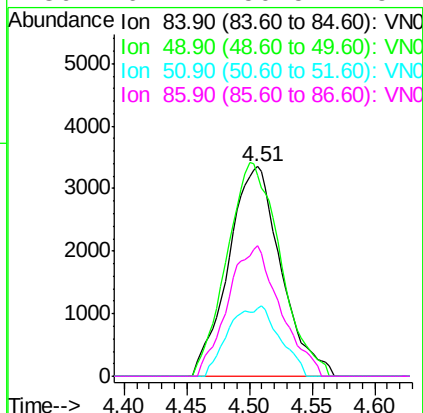




#20
Methylene Chloride
Concen: 5.777 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN062987.D
Acq: 17 Aug 2020 22:45

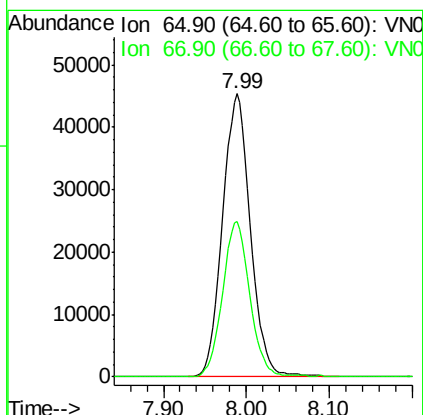
Instrument :
MSVOA_N
ClientSampled :
TR-08-081420

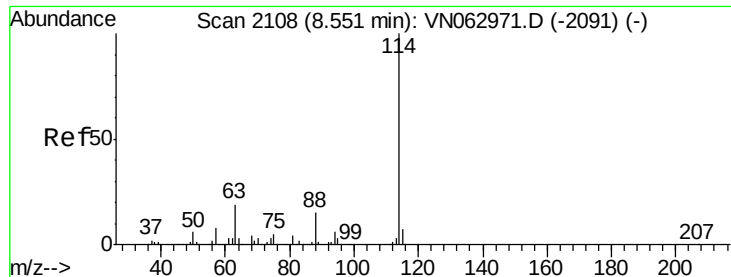
Tot Ion:	84	Resp:	9772
Ion	Ratio	Lower	Upper
84	100		
49	95.7	88.8	133.2
51	32.2	27.1	40.7
86	62.4	50.5	75.7



#33
1,2-Dichloroethane-d4
Concen: 53.015 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN062987.D
Acq: 17 Aug 2020 22:45

Tgt Ion:	65	Resp:	105868
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	108.6

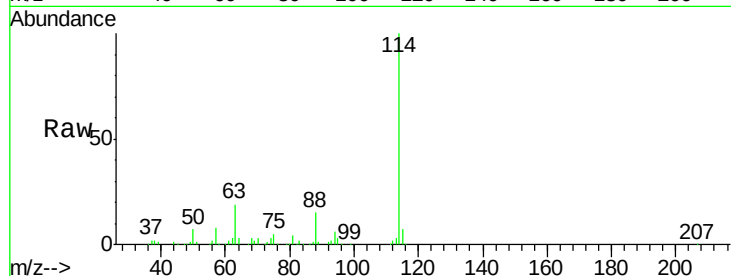




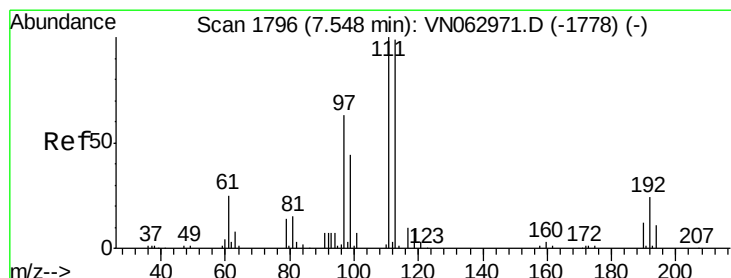
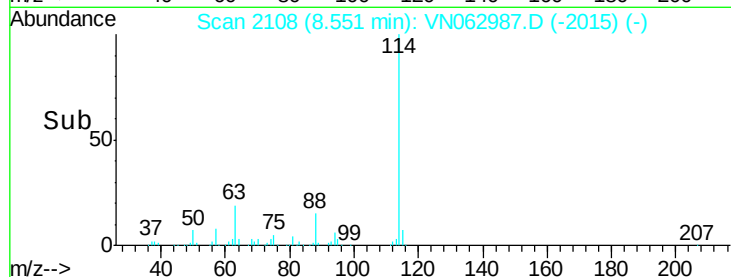
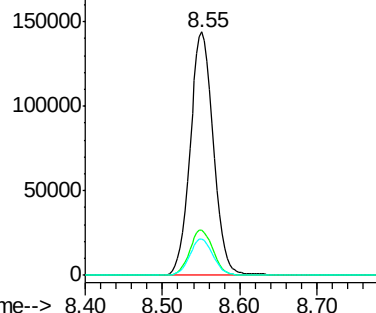
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062987.D
 Acq: 17 Aug 2020 22:45

Instrument :
 MSVOA_N
 ClientSampleId :
 TR-08-081420

Tot Ion:114	Resp:	301048
Ion Ratio	Lower	Upper
114 100		
63 18.6	0.0	37.6
88 15.1	0.0	31.0

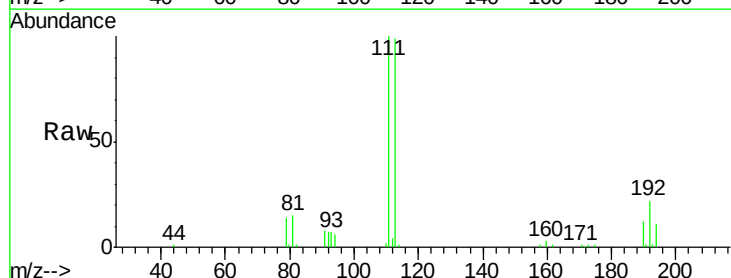


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

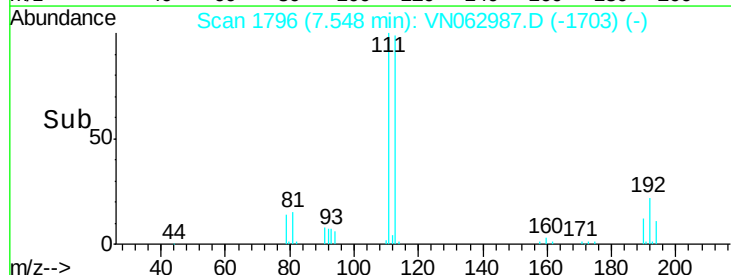
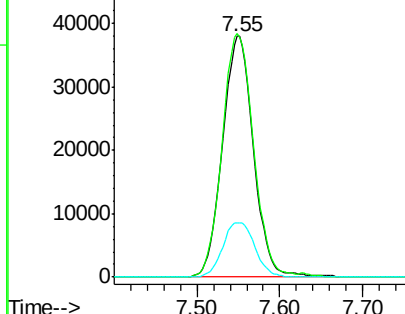


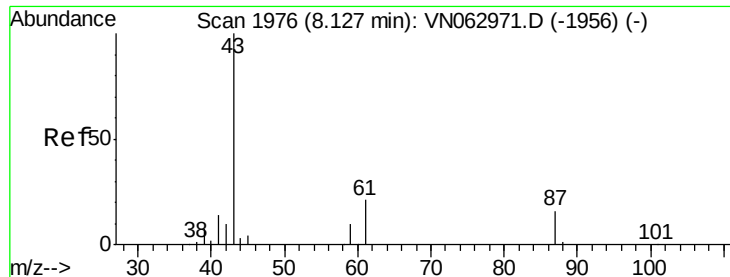
#35
 Dibromofluoromethane
 Concen: 50.283 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062987.D
 Acq: 17 Aug 2020 22:45

Tgt Ion:113	Resp:	98598
Ion Ratio	Lower	Upper
113 100		
111 102.1	81.4	122.0
192 23.3	19.2	28.8



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: 10.531 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062987.D

Acq: 17 Aug 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

TR-08-081420

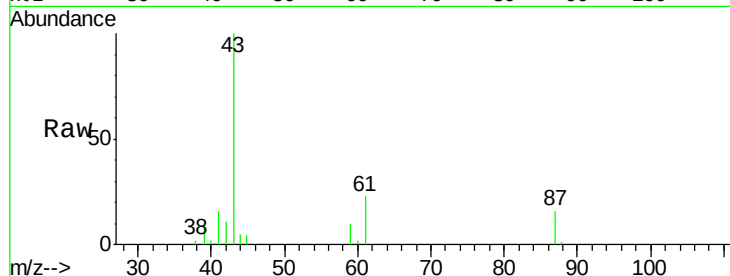
Tot Ion: 43 Resp: 39475

Ion Ratio Lower Upper

43 100

61 22.2 24.6 36.8#

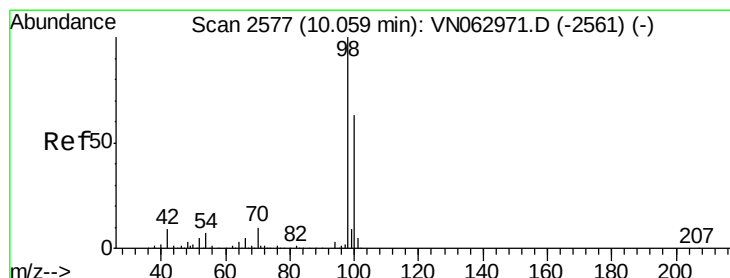
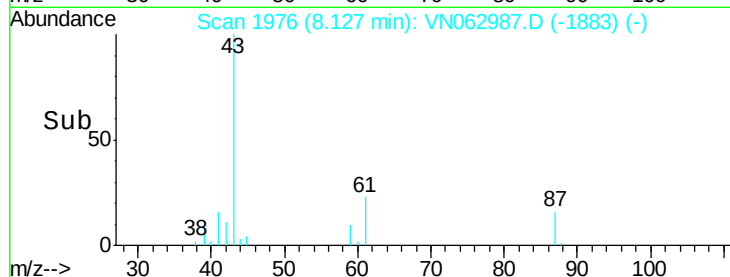
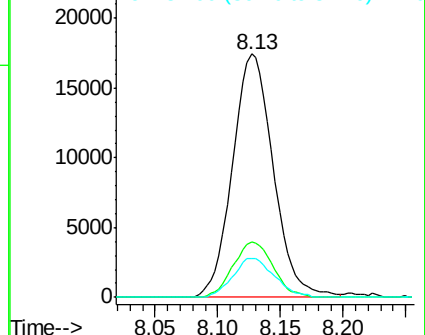
87 16.2 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VN062987.D (-1883) (-)

Ion 61.00 (60.70 to 61.70): VN062987.D (-1883) (-)

Ion 87.00 (86.70 to 87.70): VN062987.D (-1883) (-)



#50

Toluene-d8

Concen: 51.547 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062987.D

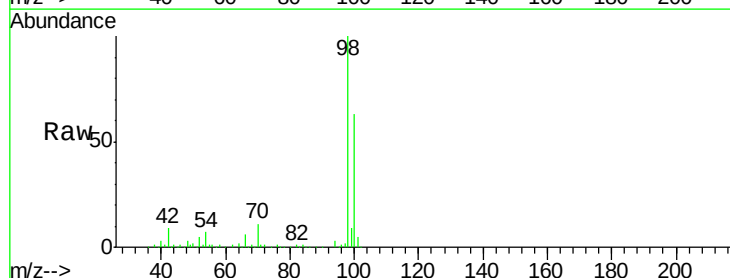
Acq: 17 Aug 2020 22:45

Tgt Ion: 98 Resp: 392267

Ion Ratio Lower Upper

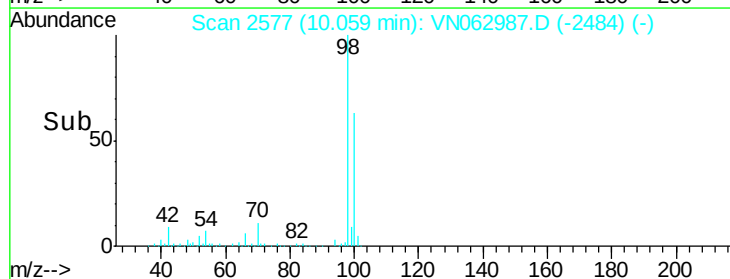
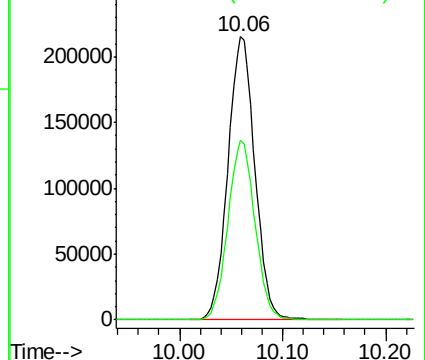
98 100

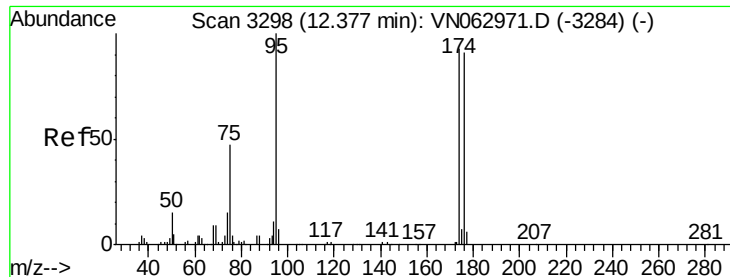
100 63.6 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN062987.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062987.D (-2484) (-)





#62

4-Bromofluorobenzene

Concen: 49.021 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062987.D

Acq: 17 Aug 2020 22:45

Instrument :

MSVOA_N

ClientSampled :

TR-08-081420

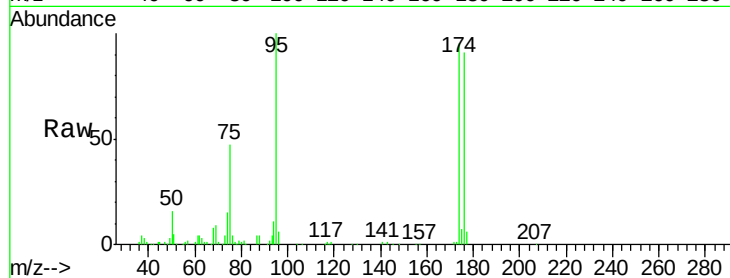
Tot Ion: 95 Resp: 134047

Ion Ratio Lower Upper

95 100

174 94.5 0.0 185.2

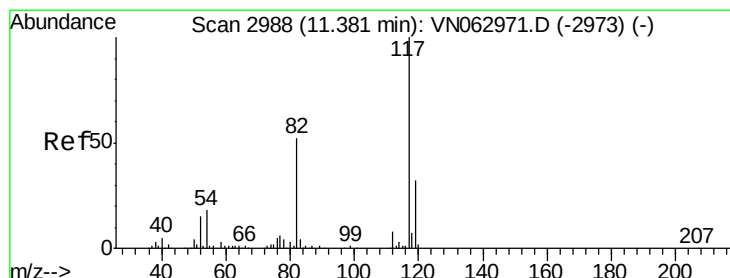
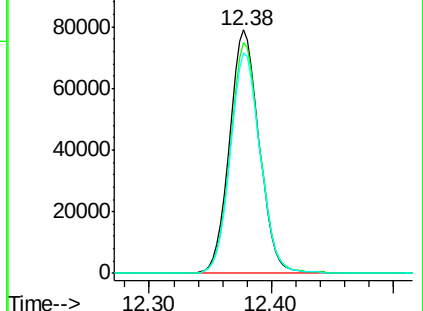
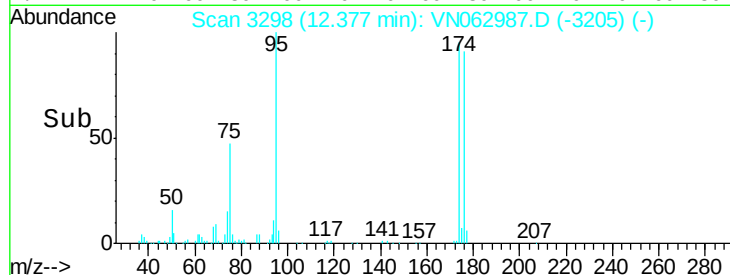
176 91.1 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN062987.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062987.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062987.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062987.D

Acq: 17 Aug 2020 22:45

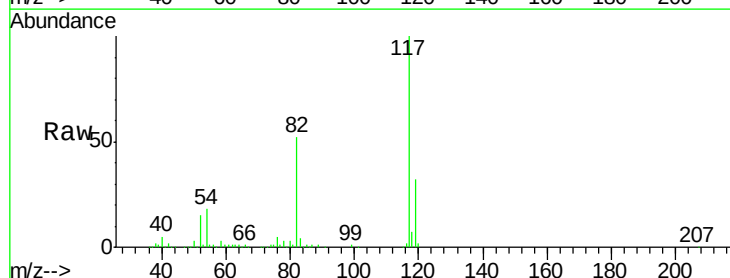
Tgt Ion: 117 Resp: 323721

Ion Ratio Lower Upper

117 100

82 52.2 41.3 61.9

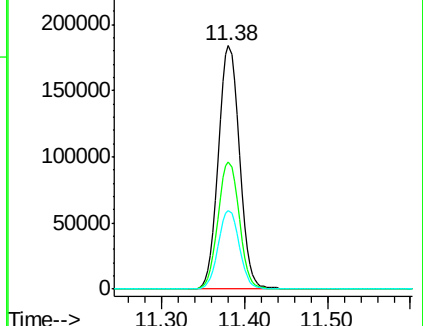
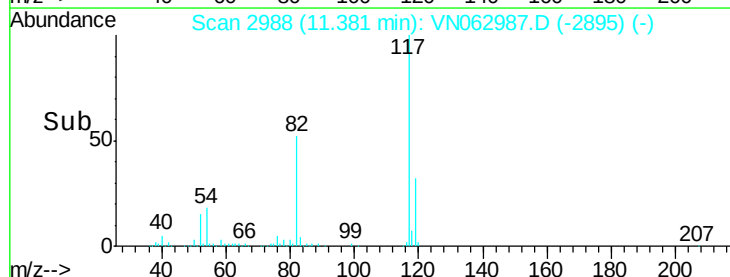
119 32.3 25.8 38.8

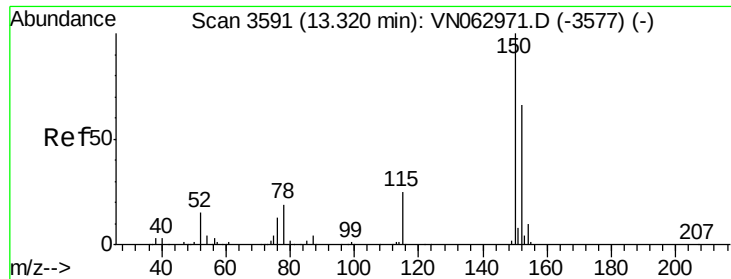


Abundance Ion 116.90 (116.60 to 117.60): VN062987.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062987.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062987.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062987.D

Acq: 17 Aug 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

TR-08-081420

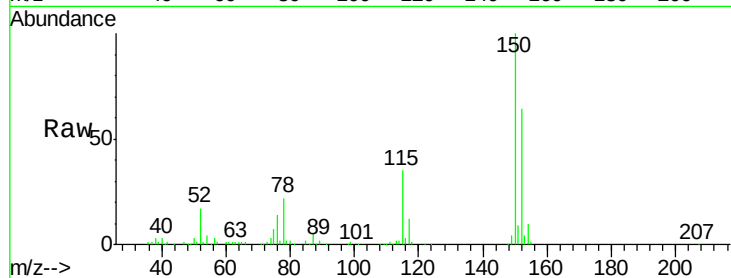
Tot Ion:152 Resp: 122789

Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 157.3 0.0 341.4



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

