

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081720\
 Data File : VN062986.D
 Acq On : 17 Aug 2020 22:20
 Operator : JC/MD
 Sample : L3500-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-081420

Quant Time: Aug 18 07:36:47 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

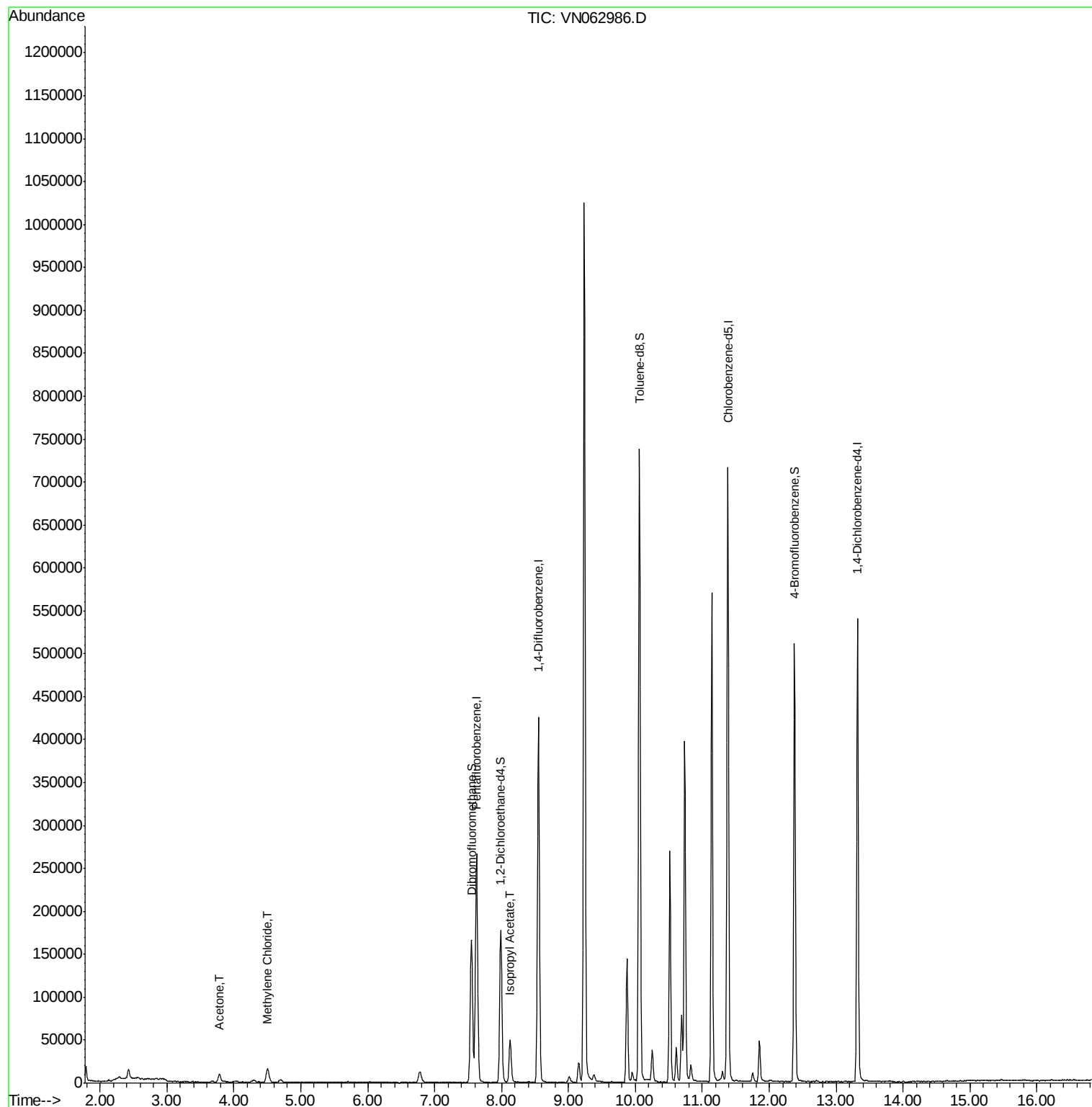
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	225557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	385439	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	154332	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	154737	64.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.52%	
35) Dibromofluoromethane	7.55	113	130168	51.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	10.06	98	517930	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.38	95	178932	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
Target Compounds						
16) Acetone	3.79	43	16047	17.345	ug/l	94
20) Methylene Chloride	4.50	84	12553	6.157	ug/l	95
43) Isopropyl Acetate	8.13	43	59520	12.402	ug/l #	84

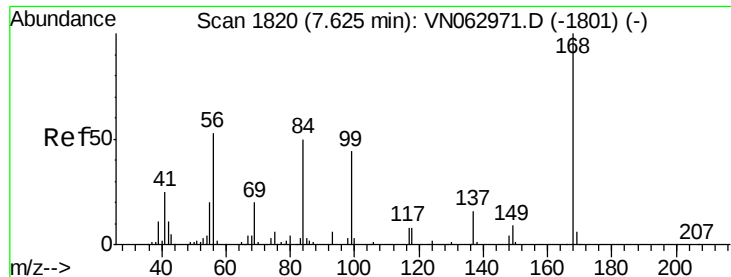
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081720\
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Quant Title : SW846 8260
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: VN062986.D

Acq: 17 Aug 2020 22:20

Instrument :

MSVOA_N

ClientSampled :

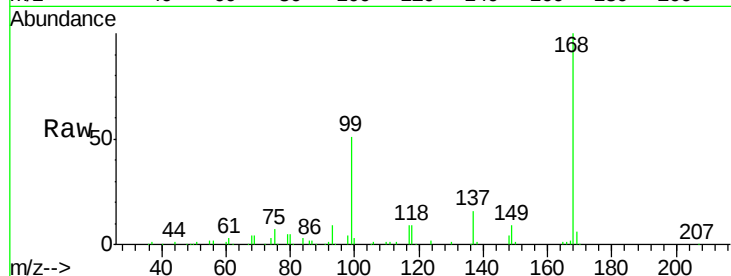
CL-02-081420

Tot Ion:168 Resp: 225557

Ion Ratio Lower Upper

168 100

99 51.0 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

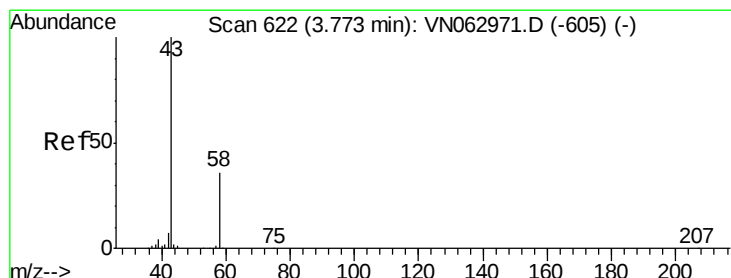
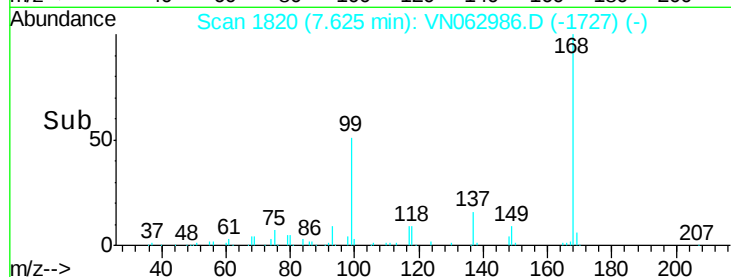
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 17.345 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062986.D

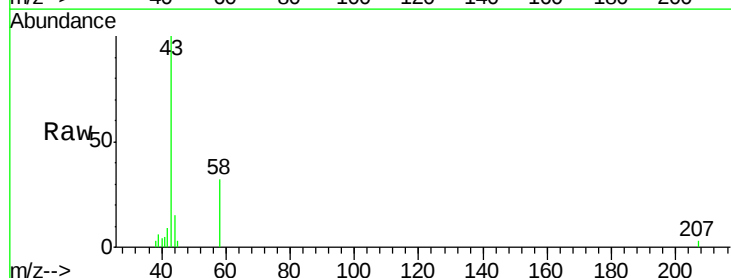
Acq: 17 Aug 2020 22:20

Tgt Ion: 43 Resp: 16047

Ion Ratio Lower Upper

43 100

58 32.5 28.7 43.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

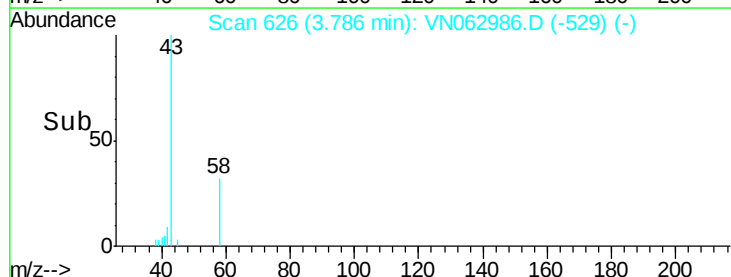
6000

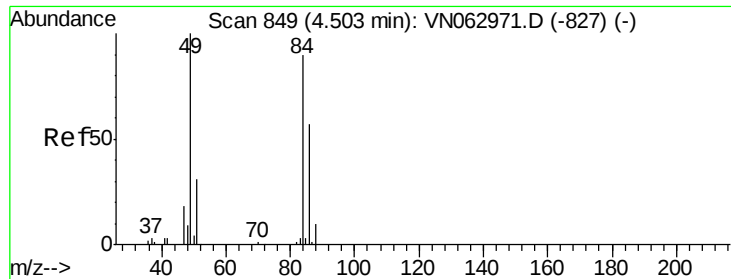
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

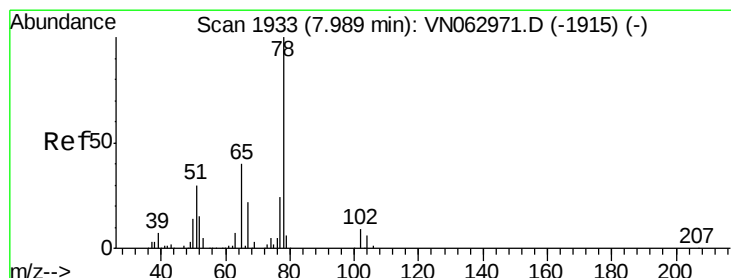
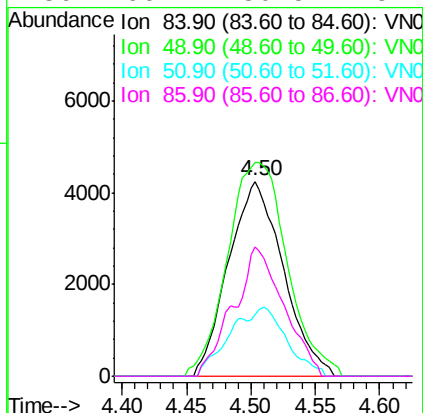
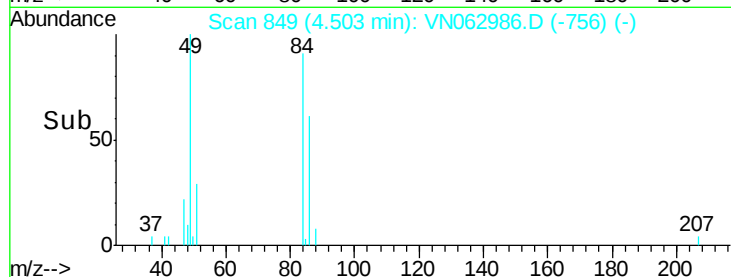
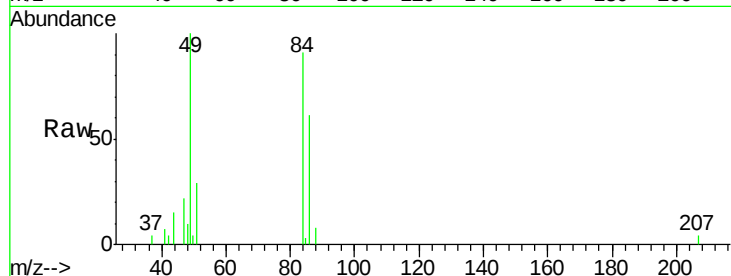




#20
Methvlene Chloride
Concen: 6.157 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062986.D
Acq: 17 Aug 2020 22:20

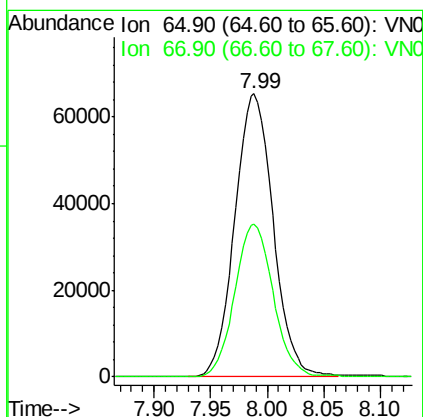
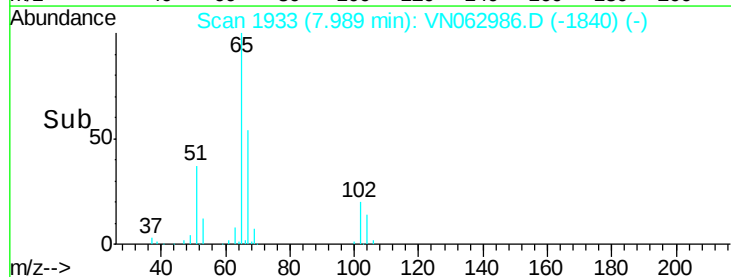
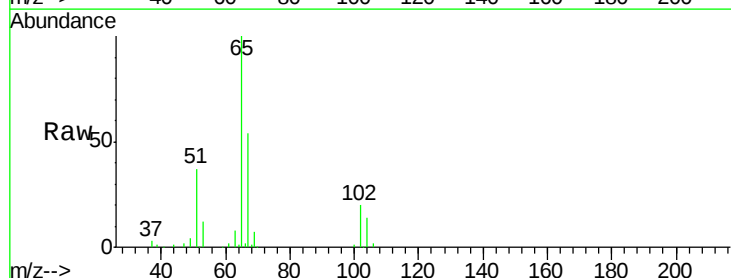
Instrument :
MSVOA_N
ClientSampleId :
CL-02-081420

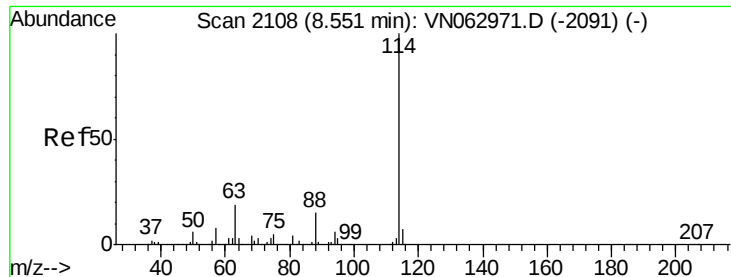
Tot Ion: 84 Resp: 12553
Ion Ratio Lower Upper
84 100
49 105.7 88.8 133.2
51 31.9 27.1 40.7
86 66.7 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 64.760 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062986.D
Acq: 17 Aug 2020 22:20

Tgt Ion: 65 Resp: 154737
Ion Ratio Lower Upper
65 100
67 54.0 0.0 108.6

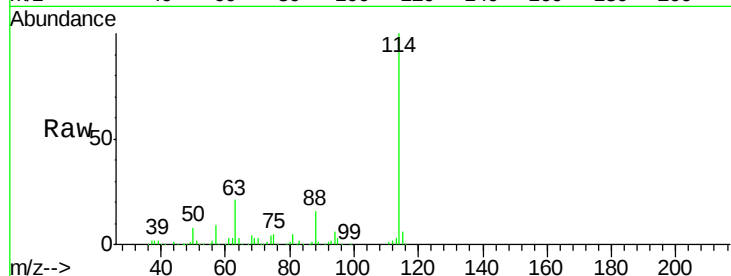




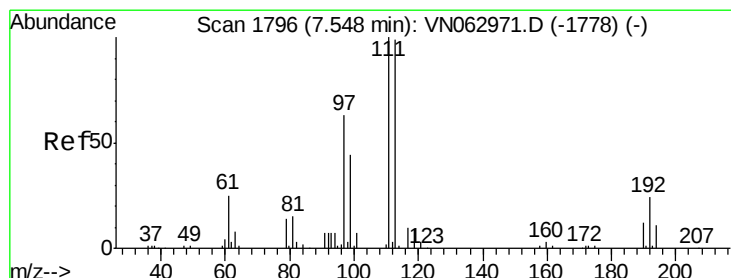
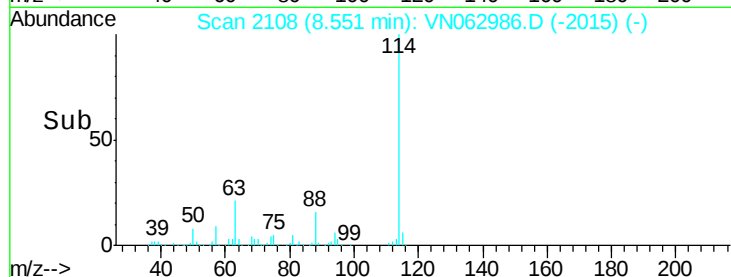
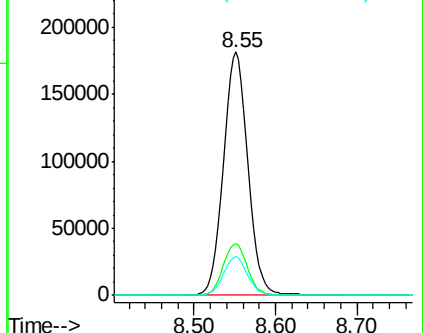
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062986.D
 Acq: 17 Aug 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-081420

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	37.6
88	15.7	0.0	31.0

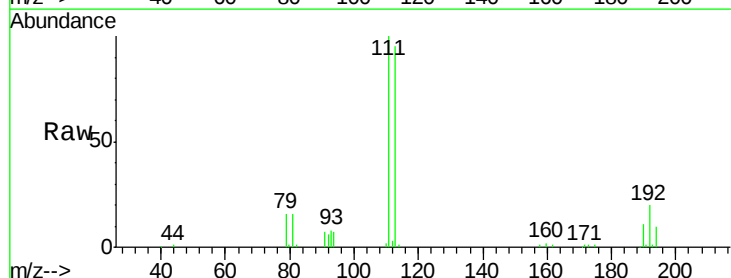


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

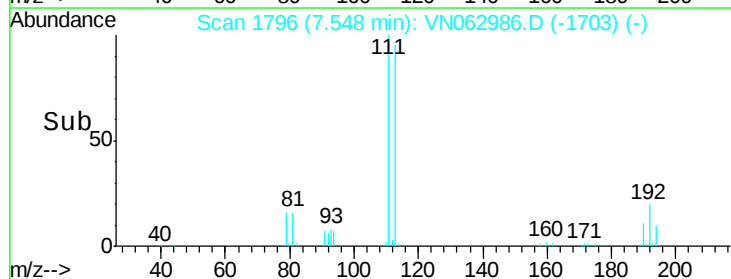
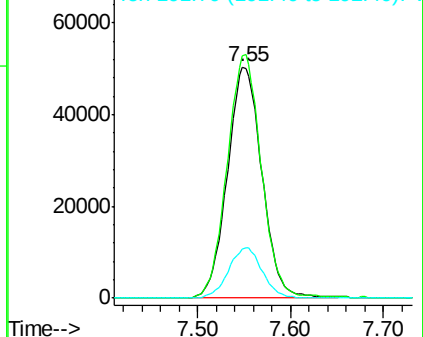


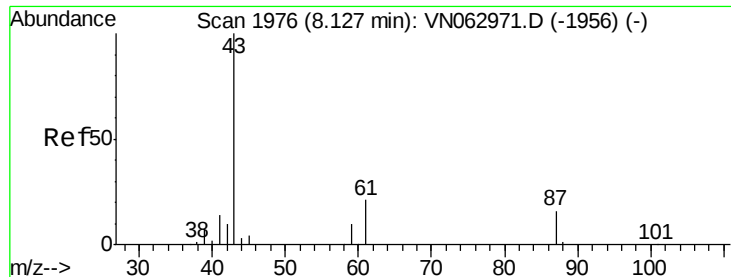
#35
 Dibromofluoromethane
 Concen: 51.849 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062986.D
 Acq: 17 Aug 2020 22:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.4	122.0
192	21.1	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: 12.402 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062986.D

Acq: 17 Aug 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

CL-02-081420

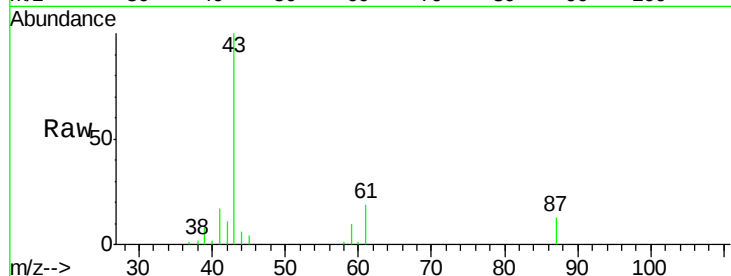
Tot Ion: 43 Resp: 59520

Ion Ratio Lower Upper

43 100

61 19.6 24.6 36.8#

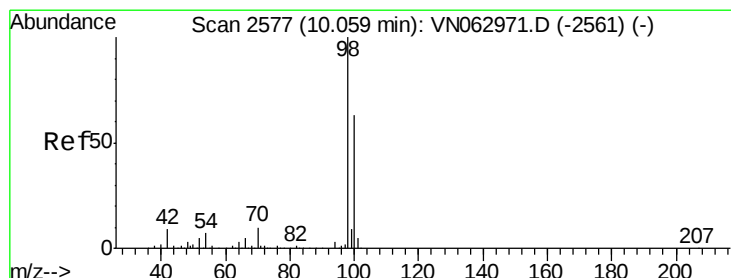
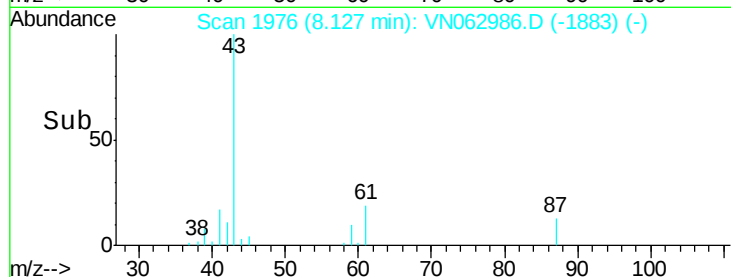
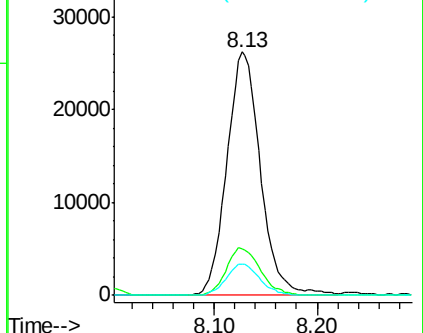
87 12.7 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VN062971.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN062971.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN062971.D (-1956) (-)



#50

Toluene-d8

Concen: 53.159 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062986.D

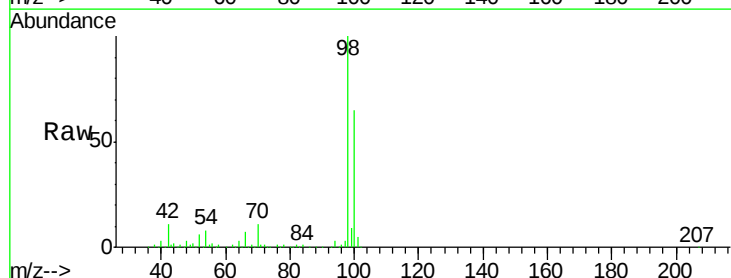
Acq: 17 Aug 2020 22:20

Tgt Ion: 98 Resp: 517930

Ion Ratio Lower Upper

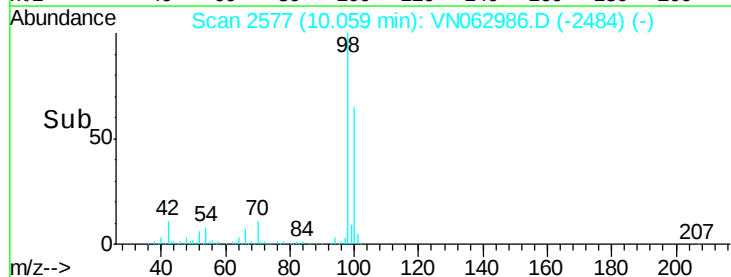
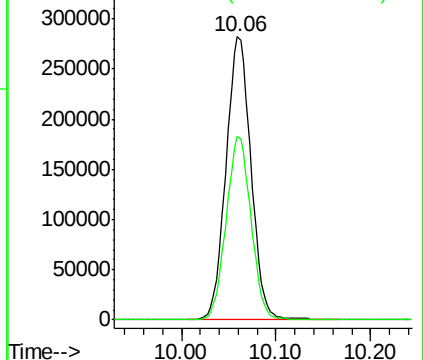
98 100

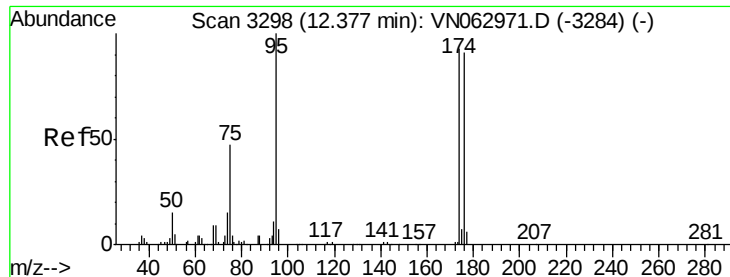
100 64.5 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN062971.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN062971.D (-2561) (-)





#62

4-Bromofluorobenzene

Concen: 51.109 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062986.D

Acq: 17 Aug 2020 22:20

Instrument :

MSVOA_N

ClientSampled :

CL-02-081420

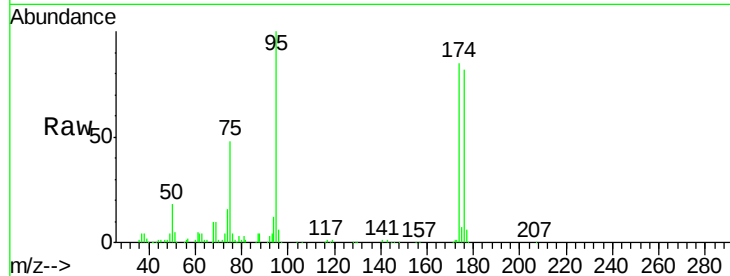
Tot Ion: 95 Resp: 178932

Ion Ratio Lower Upper

95 100

174 85.6 0.0 185.2

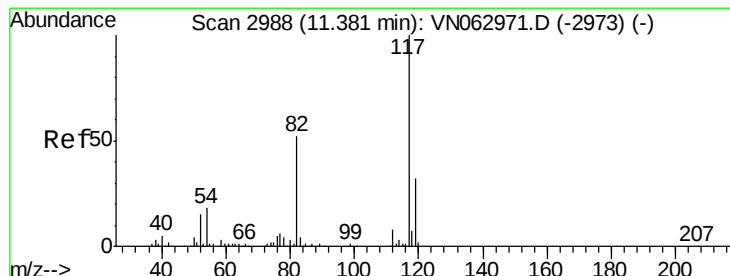
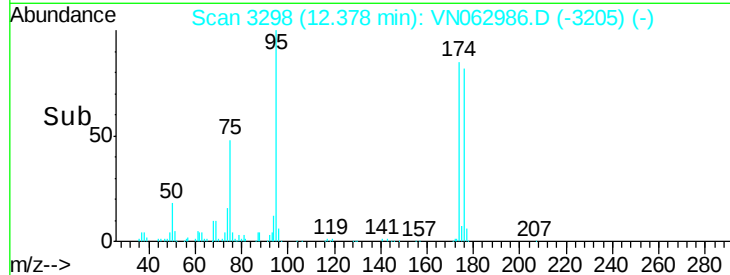
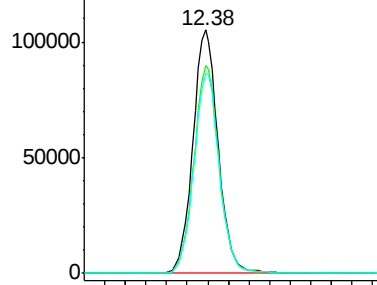
176 83.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VN062971.D (-3284) (-)

Ion 173.80 (173.50 to 174.50): VN062971.D (-3284) (-)

Ion 175.80 (175.50 to 176.50): VN062971.D (-3284) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062986.D

Acq: 17 Aug 2020 22:20

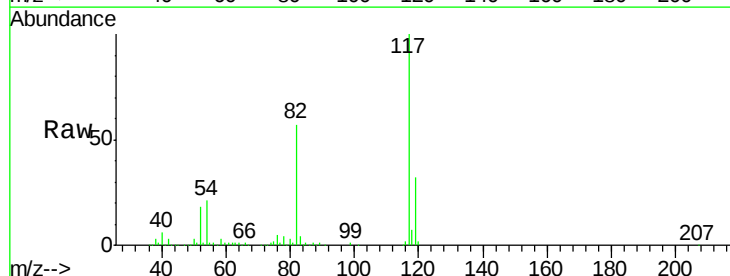
Tgt Ion: 117 Resp: 420240

Ion Ratio Lower Upper

117 100

82 56.6 41.3 61.9

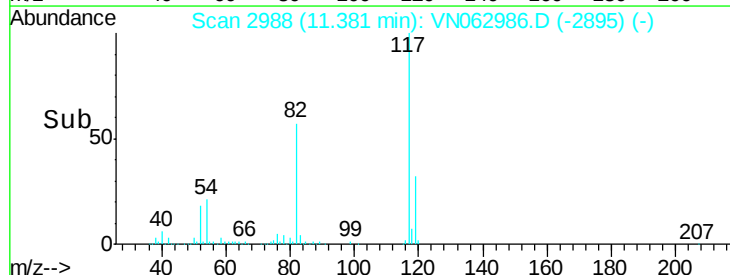
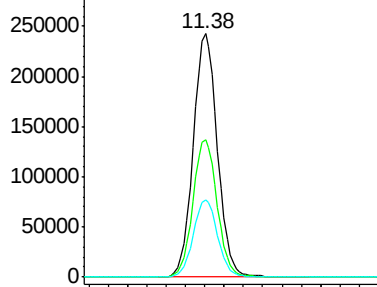
119 32.0 25.8 38.8

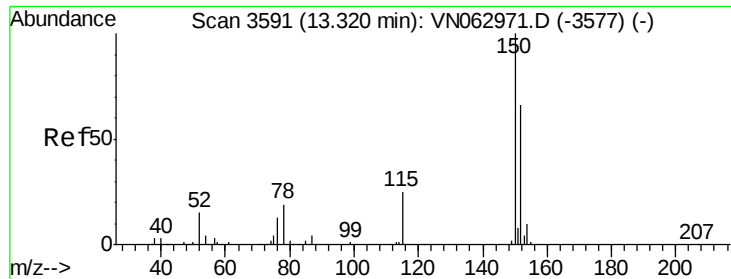


Abundance Ion 116.90 (116.60 to 117.60): VN062971.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN062971.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN062971.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062986.D

Acq: 17 Aug 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

CL-02-081420

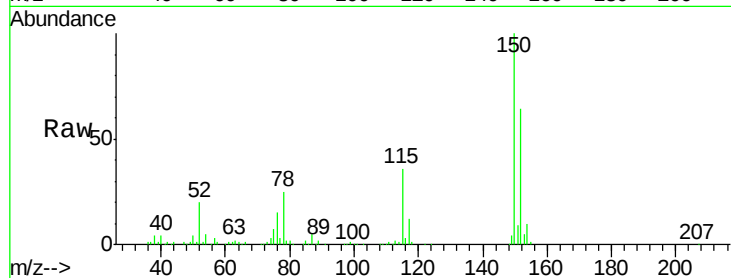
Tot Ion:152 Resp: 154332

Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 157.4 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

