

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062381.D
 Acq On : 6 Jul 2020 22:45
 Operator : JC/MD
 Sample : L3205-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 12013

Quant Time: Jul 07 06:34:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 05:08:51 2020
 Response via : Initial Calibration

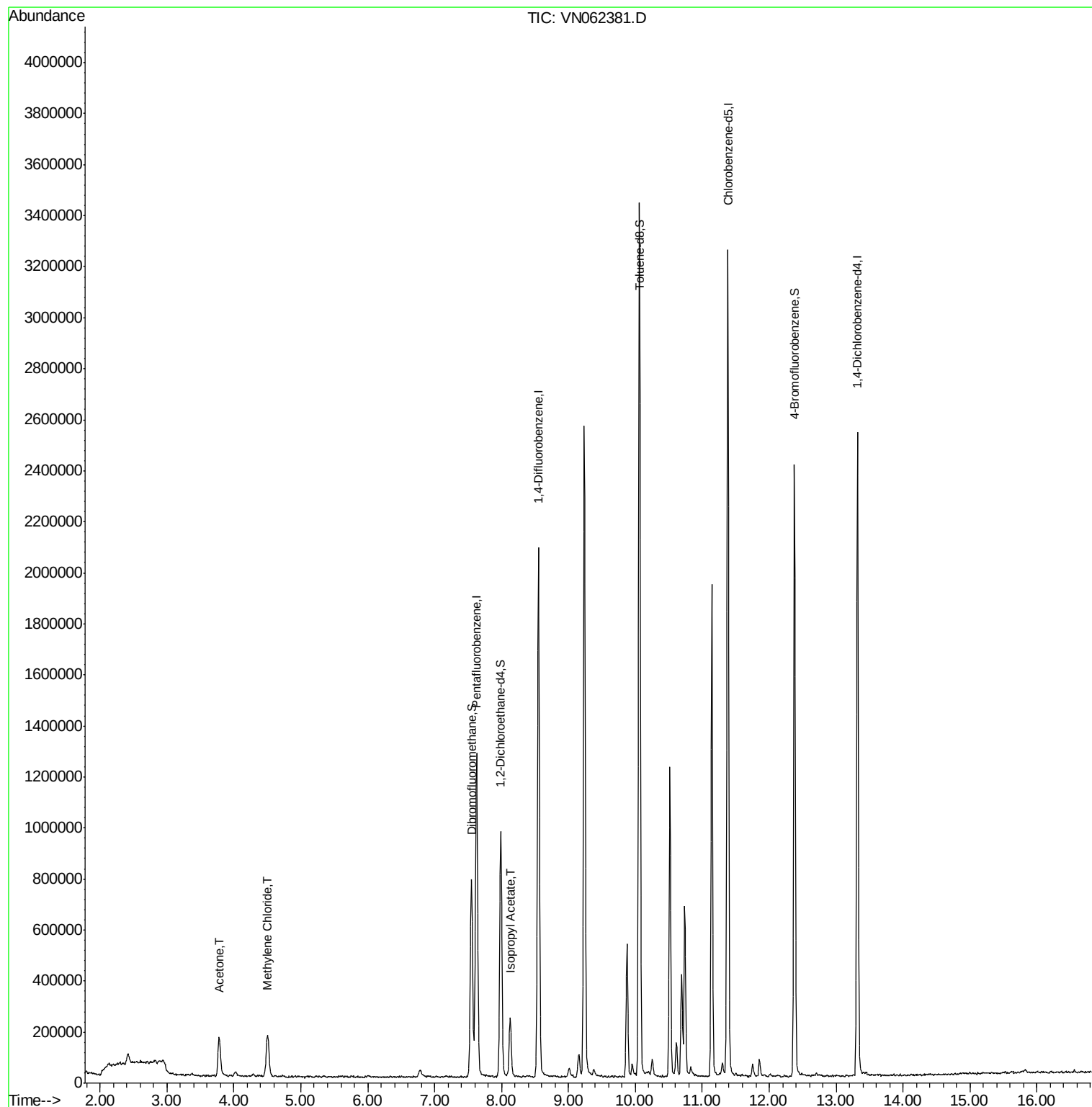
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	921751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1666220	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1667595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	620869	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	839082	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
35) Dibromofluoromethane	7.55	113	569381	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
50) Toluene-d8	10.06	98	2175704	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
62) 4-Bromofluorobenzene	12.38	95	779931	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
Target Compounds						
16) Acetone	3.78	43	284265	36.980	ug/l	95
20) Methylene Chloride	4.50	84	107057	8.288	ug/l	95
43) Isopropyl Acetate	8.13	43	281051	8.096	ug/l	99

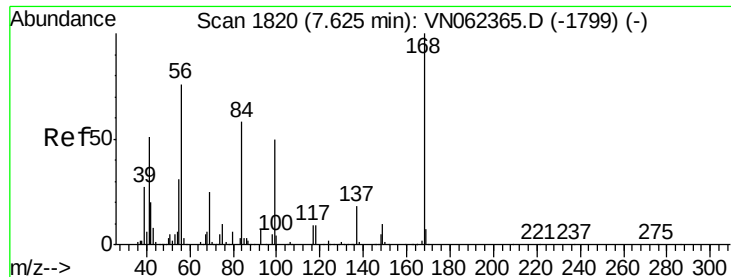
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN062381.D

Acq: 6 Jul 2020 22:45

Instrument :

MSVOA_N

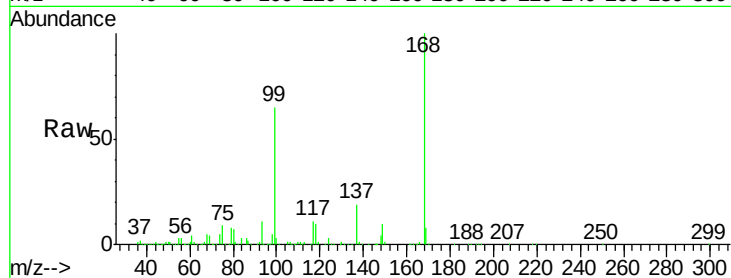
ClientSampleId :
12013

Tot Ion:168 Resp: 921751

Ion Ratio Lower Upper

168 100

99 64.5 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

400000

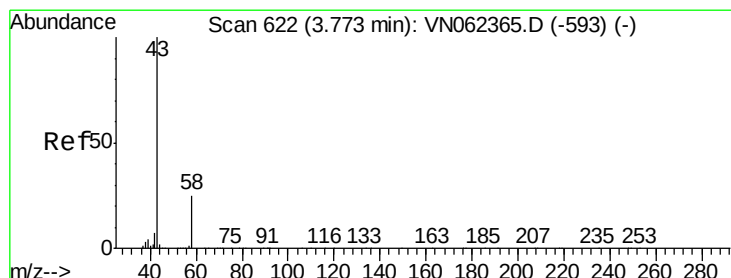
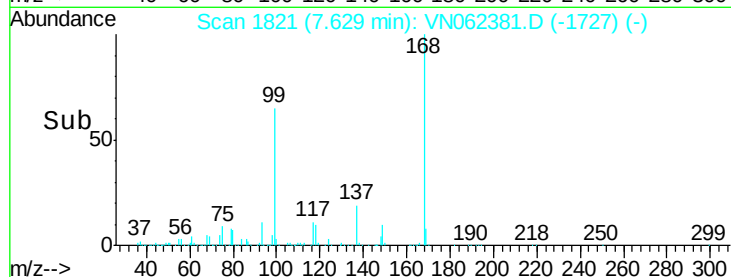
300000

200000

100000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 36.980 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN062381.D

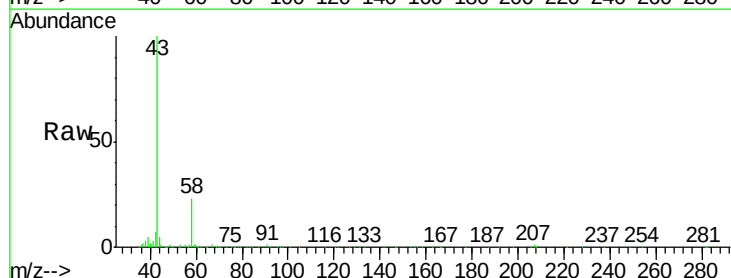
Acq: 6 Jul 2020 22:45

Tgt Ion: 43 Resp: 284265

Ion Ratio Lower Upper

43 100

58 22.4 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

120000

100000

80000

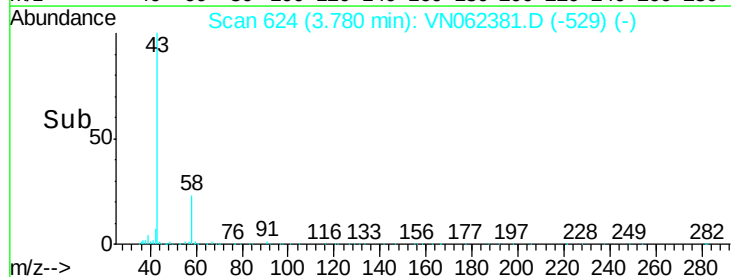
60000

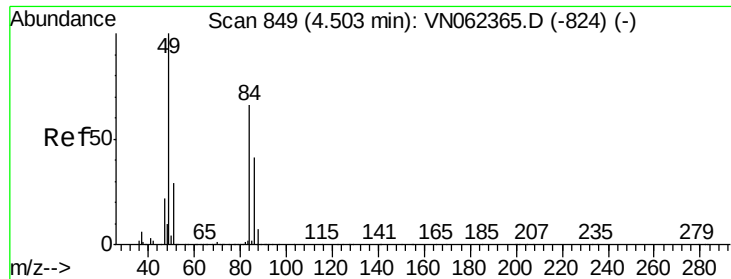
40000

20000

0

Time--> 3.70 3.80 3.90

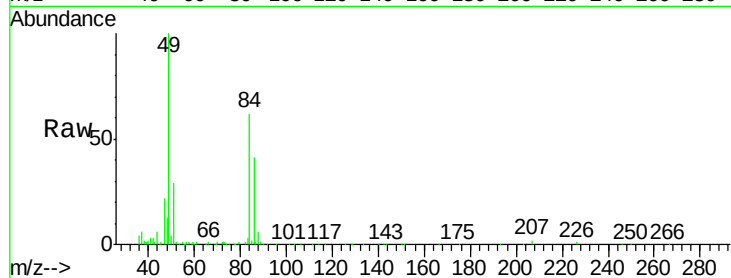




#20
Methylene Chloride
Concen: 8.288 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN062381.D
Acq: 6 Jul 2020 22:45

Instrument :
MSVOA_N
ClientSampled :
12013

Tot Ion:	84	Resp:	107057
Ion	Ratio	Lower	Upper
84	100		
49	159.6	121.8	182.6
51	46.8	35.0	52.4
86	65.5	50.3	75.5



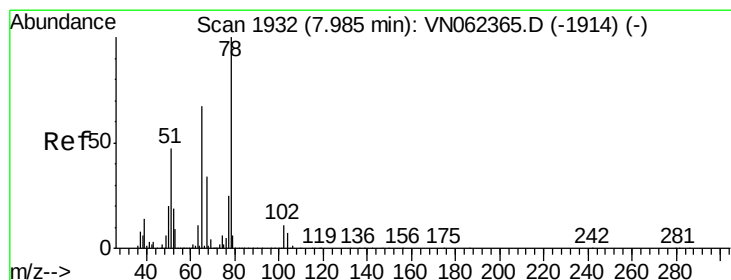
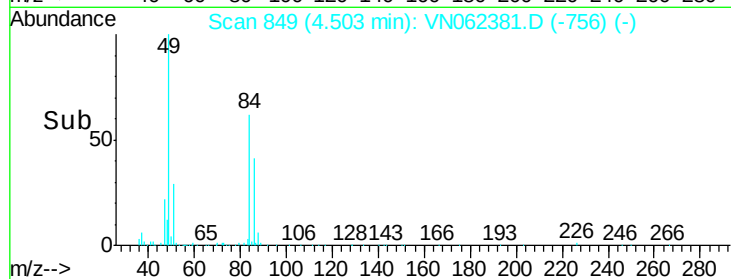
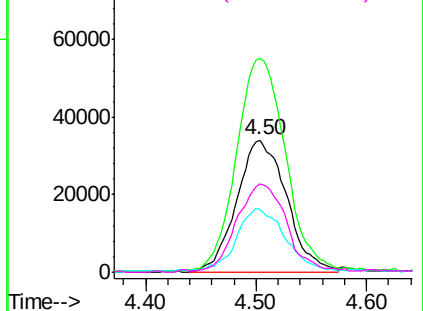
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

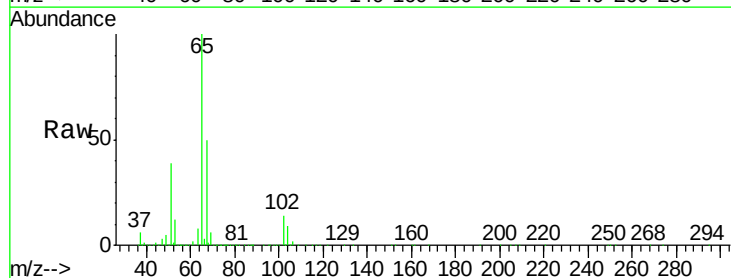
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33
1,2-Dichloroethane-d4
Concen: 50.324 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN062381.D
Acq: 6 Jul 2020 22:45

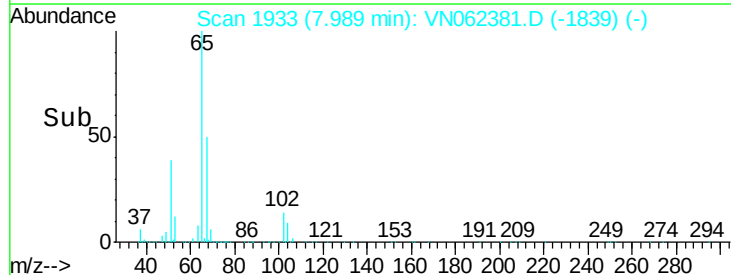
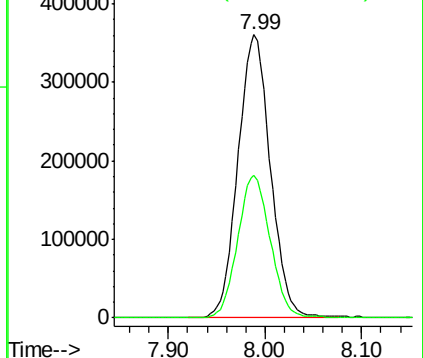
Tgt Ion:	65	Resp:	839082
Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	101.0

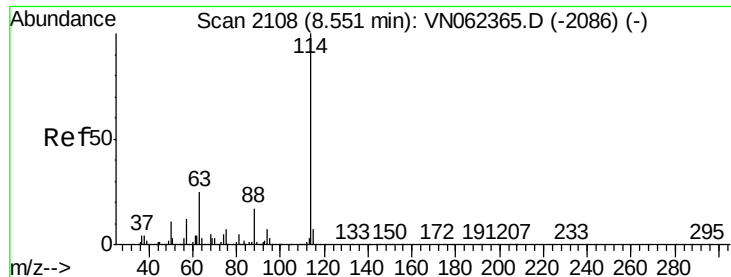


Abundance

Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

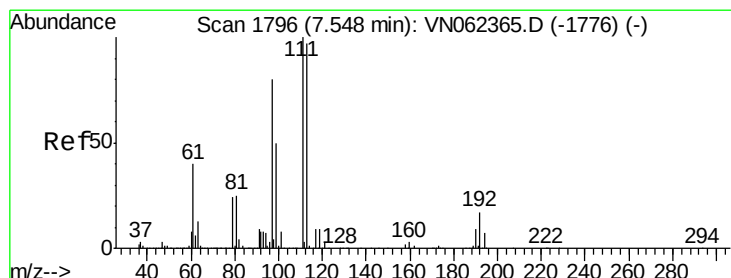
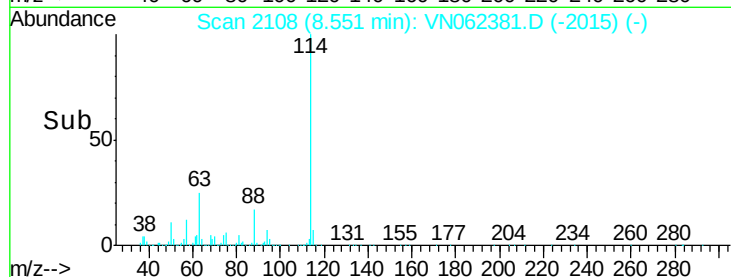
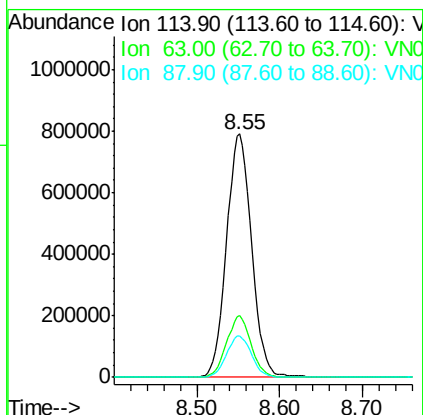
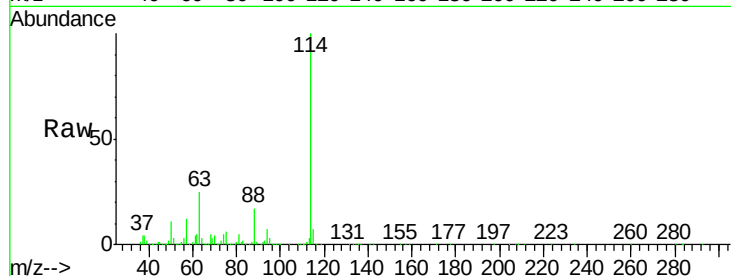




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2108
Delta R.T. 0.00 min
Lab File: VN062381.D
Acq: 6 Jul 2020 22:45

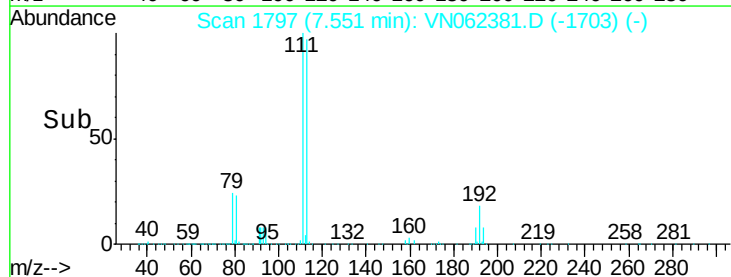
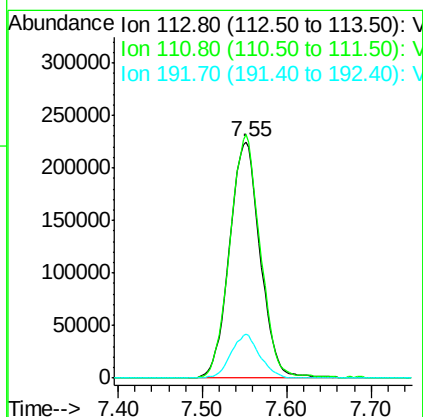
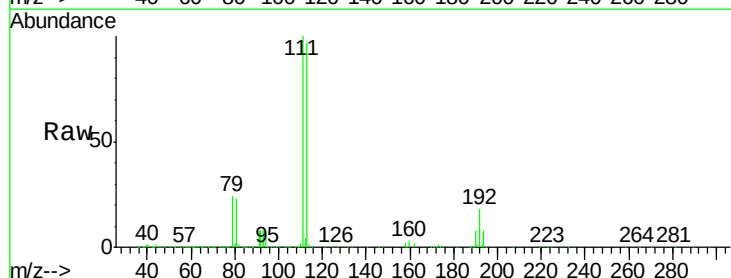
Instrument :
MSVOA_N
ClientSampled :
12013

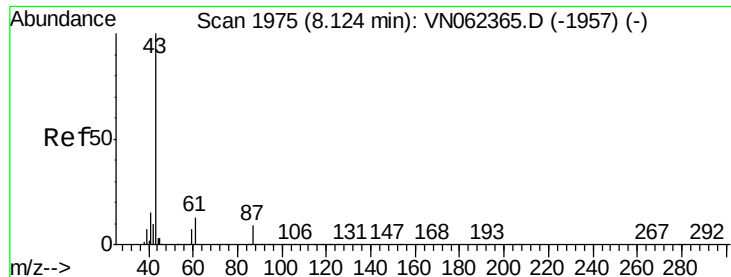
Tot Ion:114 Resp: 1666220
Ion Ratio Lower Upper
114 100
63 25.2 0.0 49.0
88 17.0 0.0 34.0



#35
Dibromofluoromethane
Concen: 50.091 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062381.D
Acq: 6 Jul 2020 22:45

Tgt Ion:113 Resp: 569381
Ion Ratio Lower Upper
113 100
111 101.4 83.2 124.8
192 17.5 14.2 21.2





#43

Isopropyl Acetate

Concen: 8.096 ug/l

RT: 8.13 min Scan# 1977

Delta R.T. 0.01 min

Lab File: VN062381.D

Acq: 6 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

12013

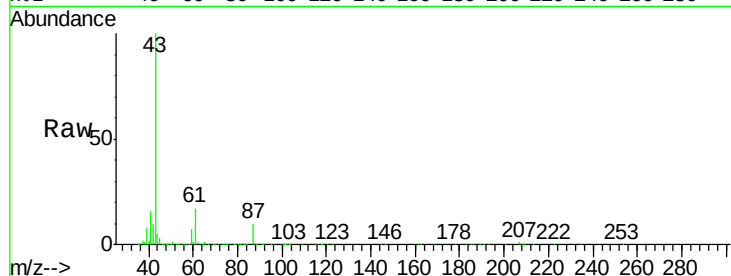
Tot Ion: 43 Resp: 281051

Ion Ratio Lower Upper

43 100

61 15.8 13.1 19.7

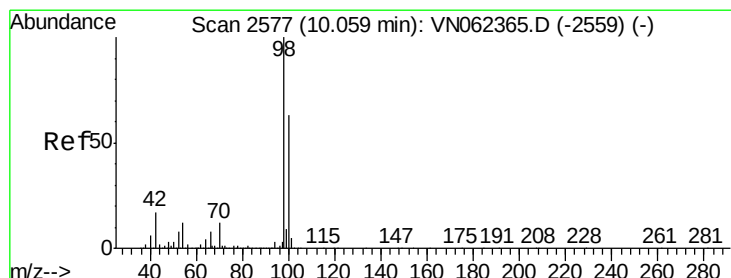
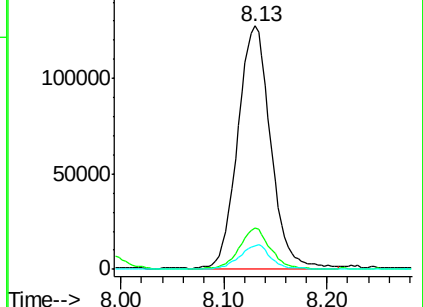
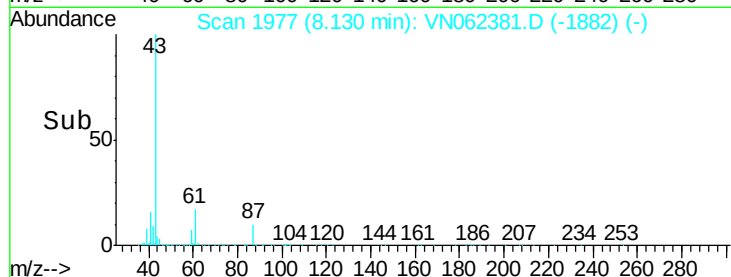
87 9.6 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VN062381.D (-1882) (-)

Ion 61.00 (60.70 to 61.70): VN062381.D (-1882) (-)

Ion 87.00 (86.70 to 87.70): VN062381.D (-1882) (-)



#50

Toluene-d8

Concen: 51.203 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN062381.D

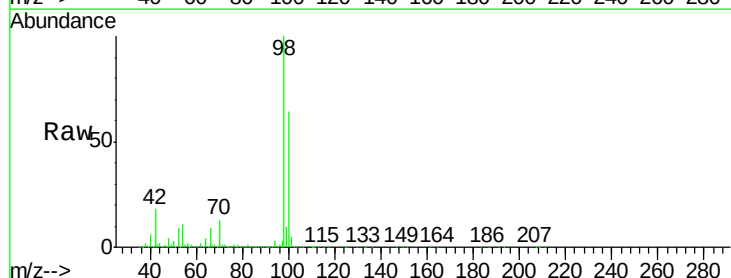
Acq: 6 Jul 2020 22:45

Tgt Ion: 98 Resp: 2175704

Ion Ratio Lower Upper

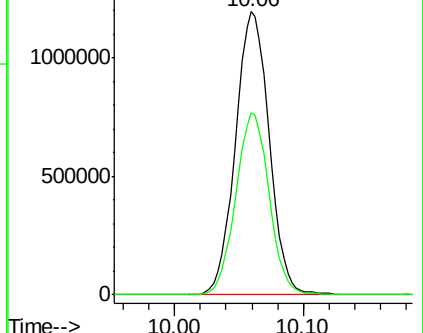
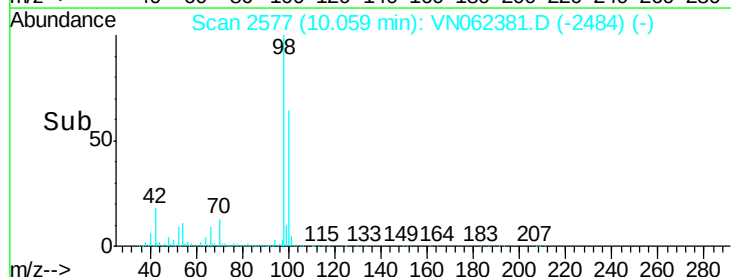
98 100

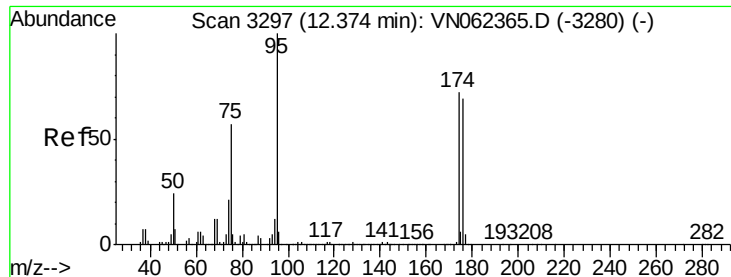
100 63.6 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN062381.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN062381.D (-2484) (-)





#62

4-Bromofluorobenzene

Concen: 47.926 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062381.D

Acq: 6 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampled :
12013

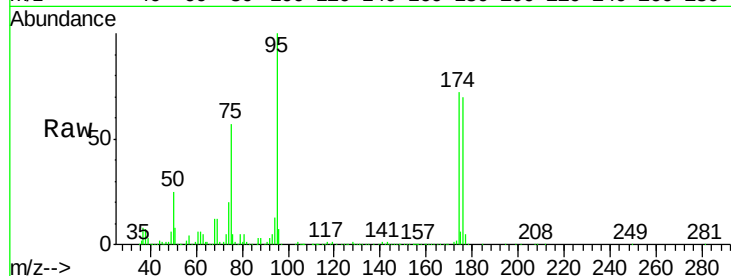
Tot Ion: 95 Resp: 779931

Ion Ratio Lower Upper

95 100

174 72.5 0.0 145.8

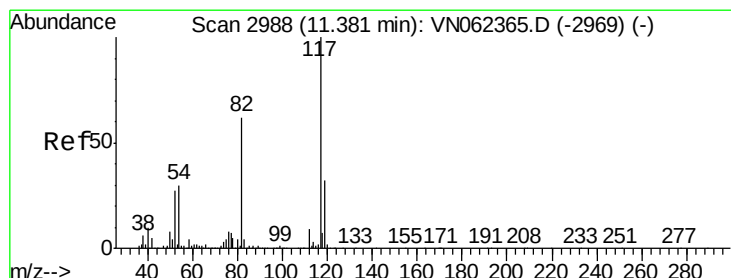
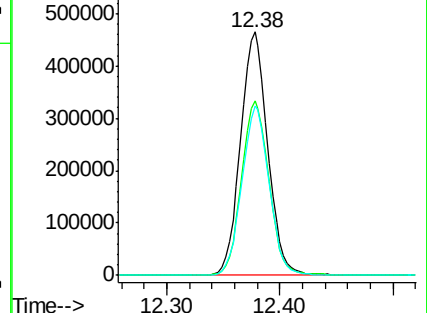
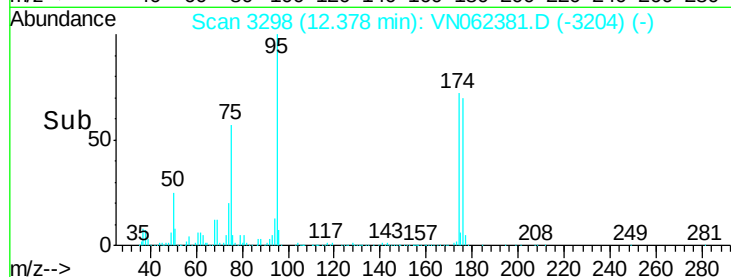
176 69.4 0.0 140.2



Abundance Ion 94.90 (94.60 to 95.60): VN062381.D (-3204) (-)

Ion 173.80 (173.50 to 174.50): VN062381.D (-3204) (-)

Ion 175.80 (175.50 to 176.50): VN062381.D (-3204) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062381.D

Acq: 6 Jul 2020 22:45

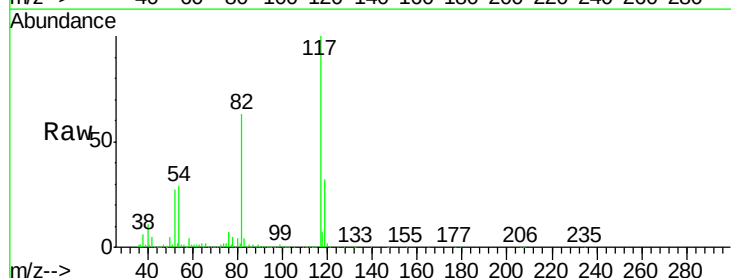
Tgt Ion: 117 Resp: 1667595

Ion Ratio Lower Upper

117 100

82 62.5 49.4 74.2

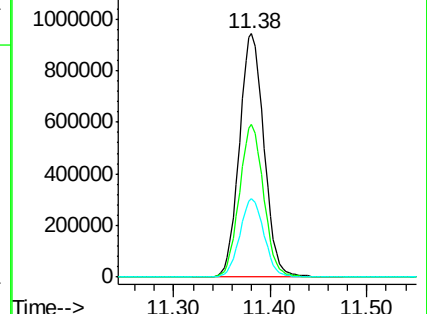
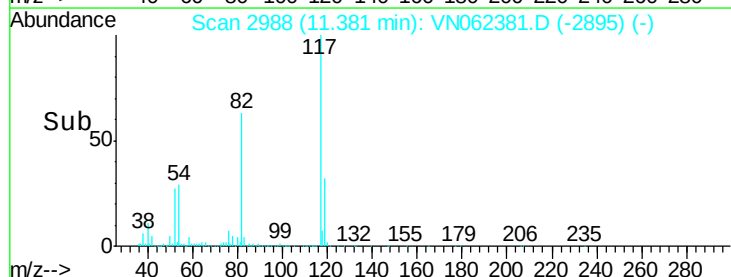
119 32.2 25.6 38.4

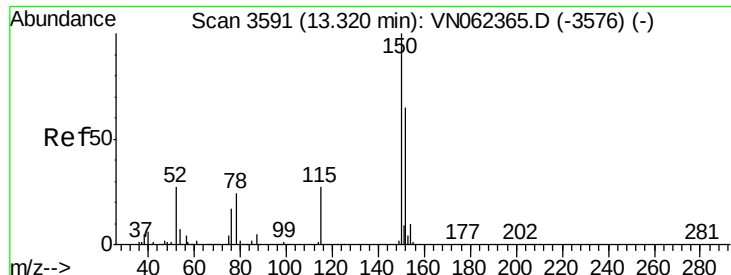


Abundance Ion 116.90 (116.60 to 117.60): VN062381.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062381.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062381.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: VN062381.D

Acq: 6 Jul 2020 22:45

Instrument :

MSVOA_N

ClientSampleId :

12013

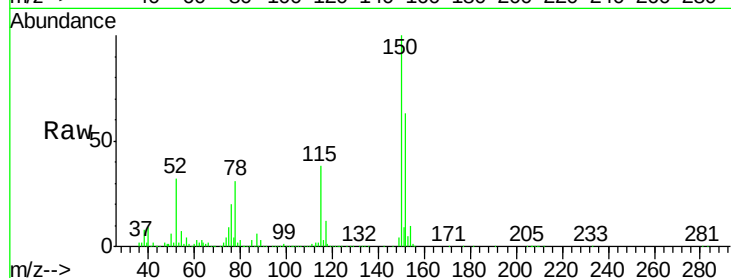
Tot Ion:152 Resp: 620869

Ion Ratio Lower Upper

152 100

115 60.9 30.5 91.5

150 156.1 0.0 346.8



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

