

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061702.D
 Acq On : 8 Jun 2020 17:41
 Operator : JC/MD
 Sample : L2939-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PHC-326FB-010

Quant Time: Jun 09 04:22:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

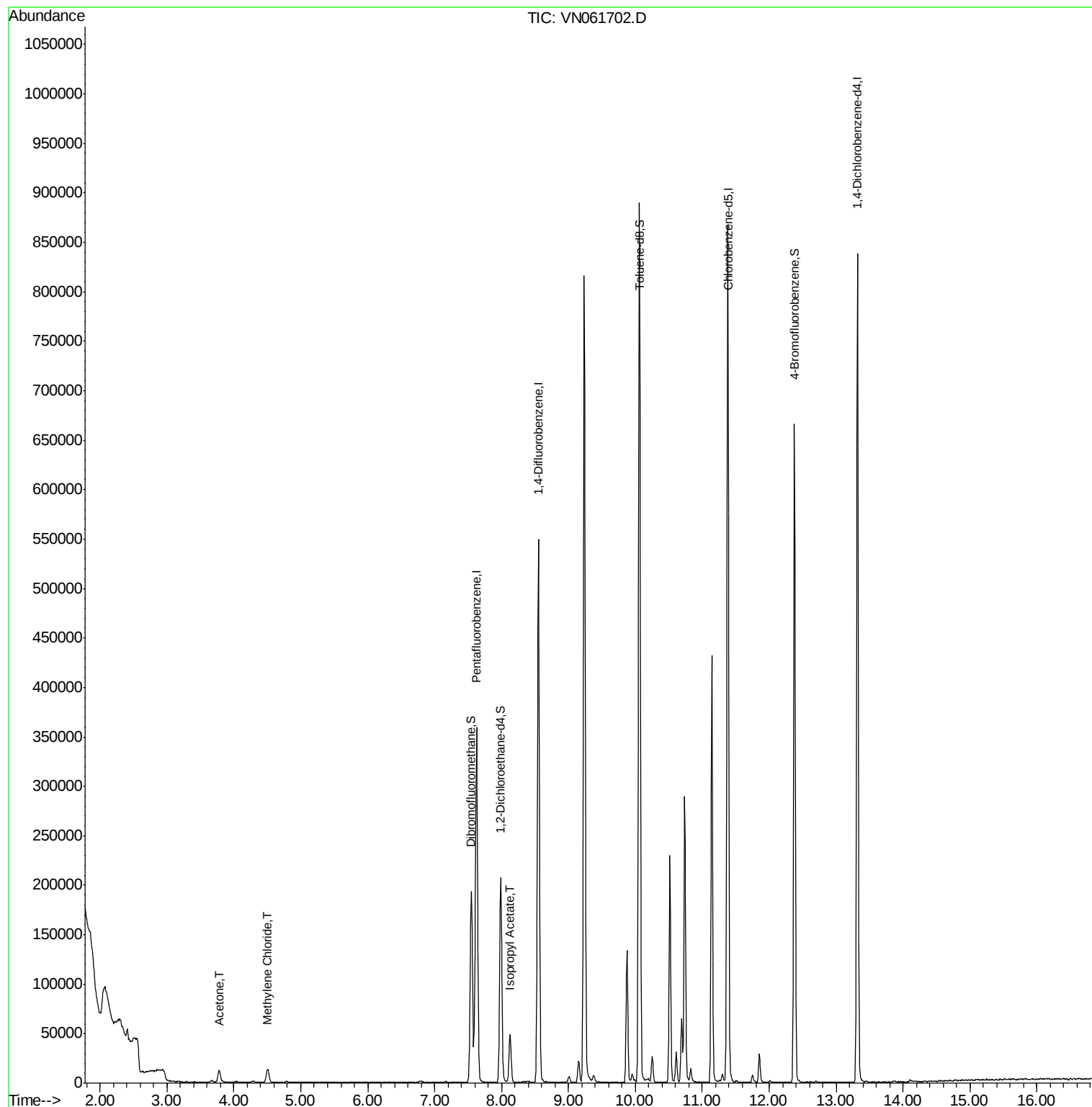
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	306741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	530040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	539639	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	173963	47.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.20%	
35) Dibromofluoromethane	7.55	113	150743	56.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.12%	
50) Toluene-d8	10.06	98	642691	51.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.38	95	233294	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
Target Compounds						
16) Acetone	3.78	43	20314	14.323	ug/l	92
20) Methylene Chloride	4.50	84	11438	1.765	ug/l	95
43) Isopropyl Acetate	8.13	43	54146	7.963	ug/l #	91

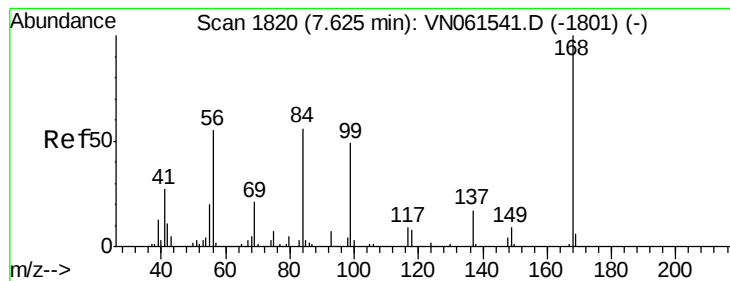
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
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QLast Update : Fri May 29 02:14:10 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: VN061702.D

Acq: 8 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

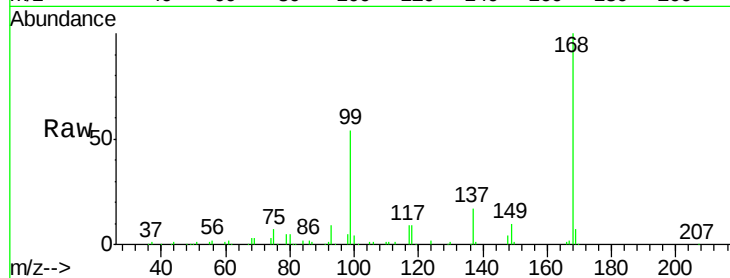
PHC-326FB-010

Tot Ion:168 Resp: 306741

Ion Ratio Lower Upper

168 100

99 53.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

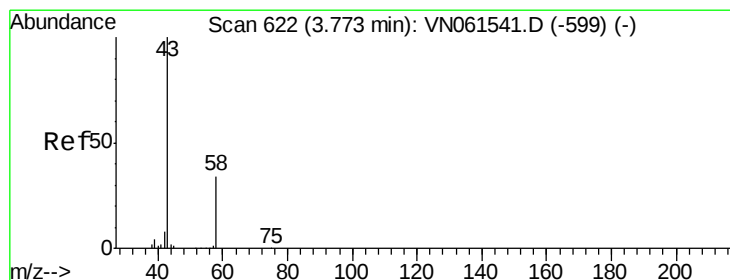
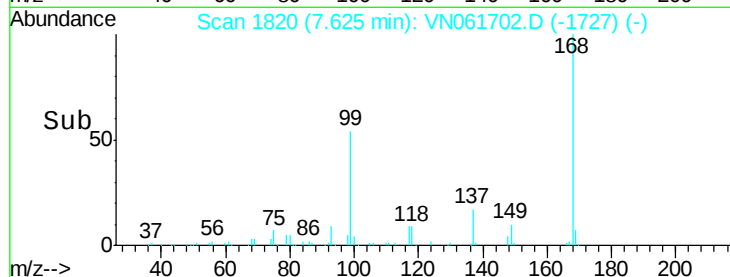
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 14.323 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061702.D

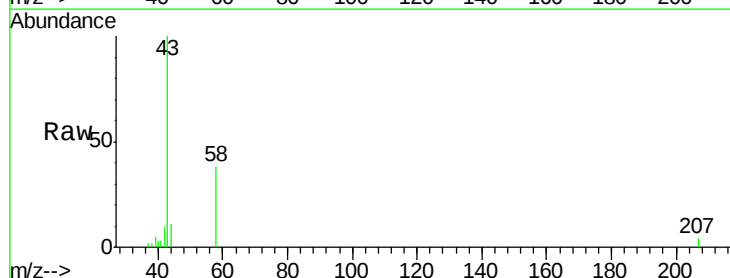
Acq: 8 Jun 2020 17:41

Tgt Ion: 43 Resp: 20314

Ion Ratio Lower Upper

43 100

58 38.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

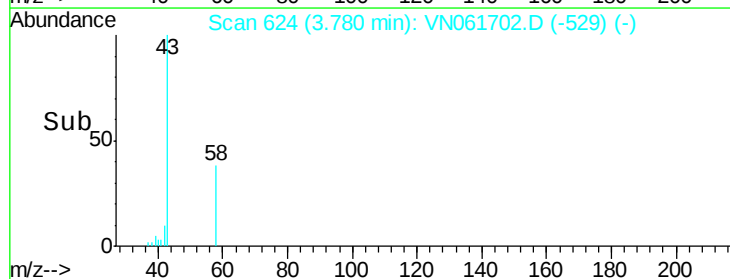
6000

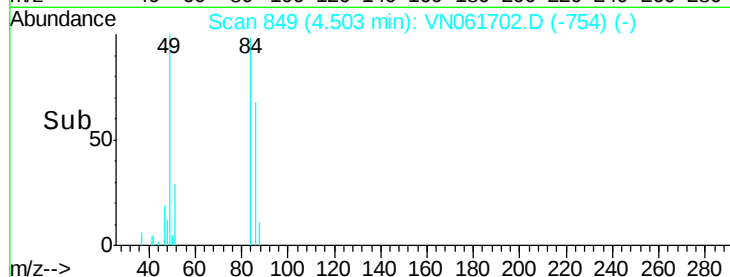
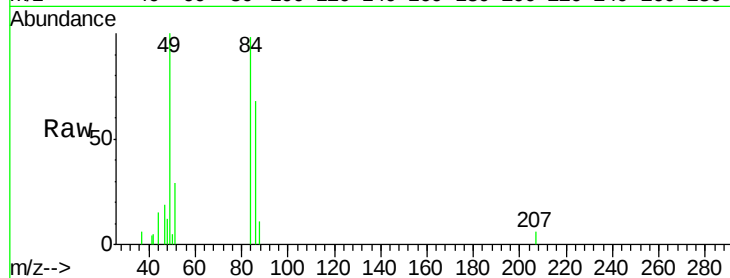
4000

2000

0

Time-->

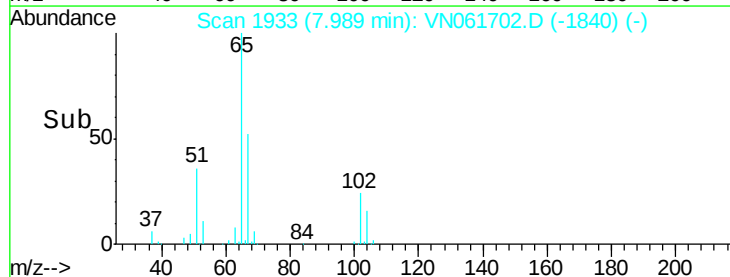
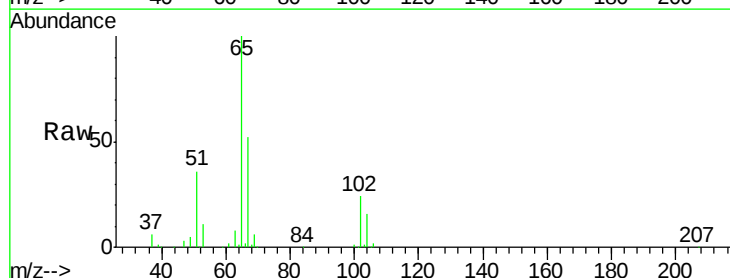
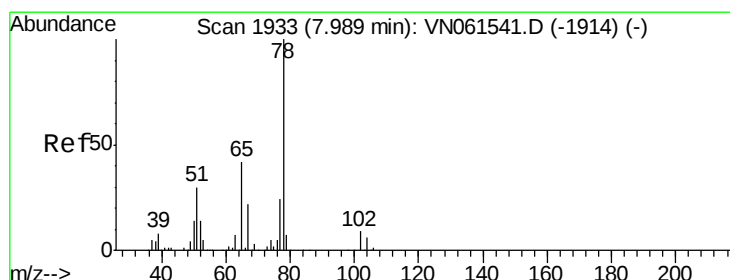
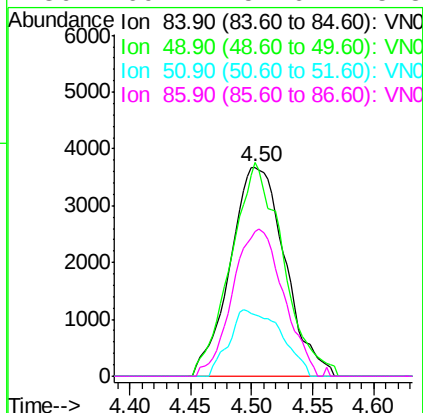




#20
Methvlene Chloride
Concen: 1.765 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061702.D
Acq: 8 Jun 2020 17:41

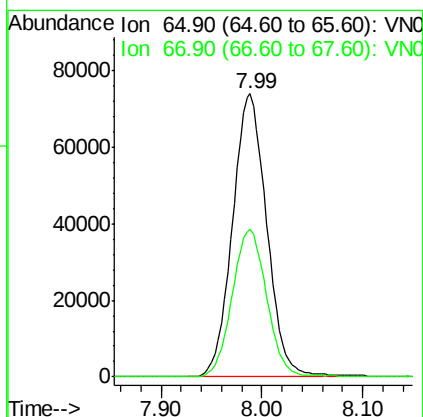
Instrument :
MSVOA_N
ClientSampleId :
PHC-326FB-010

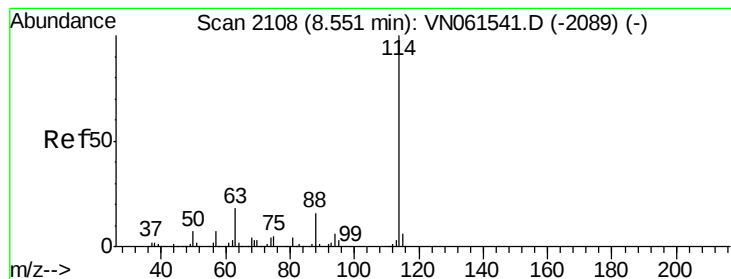
Tot Ion:	84	Resp:	11438
Ion	Ratio	Lower	Upper
84	100		
49	102.3	85.8	128.8
51	29.2	26.2	39.2
86	69.4	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 47.601 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061702.D
Acq: 8 Jun 2020 17:41

Tgt Ion:	65	Resp:	173963
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061702.D

Acq: 8 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

PHC-326FB-010

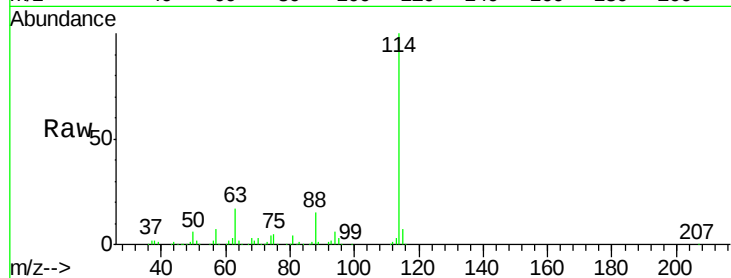
Tot Ion:114 Resp: 530040

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.8

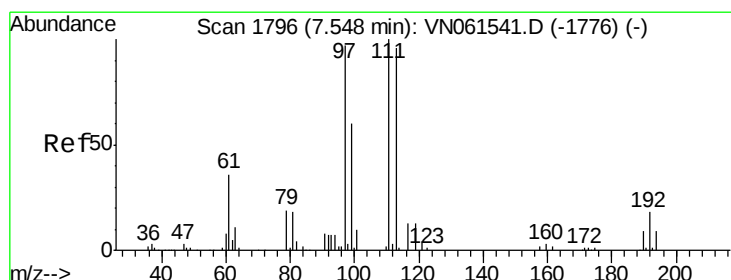
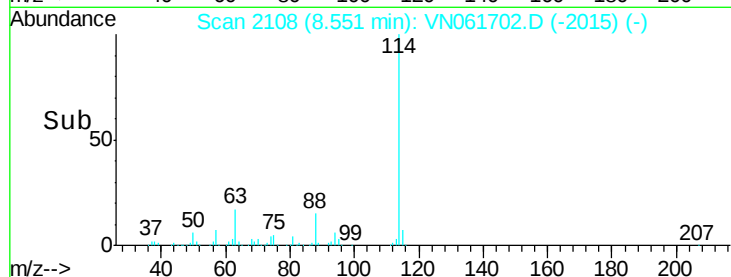
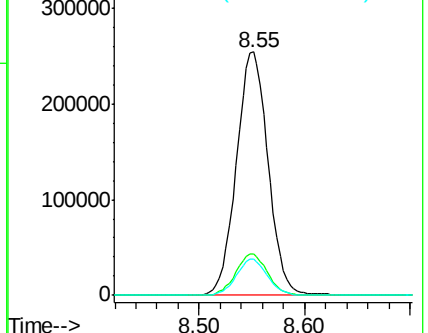
88 14.9 0.0 31.0



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: 56.063 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061702.D

Acq: 8 Jun 2020 17:41

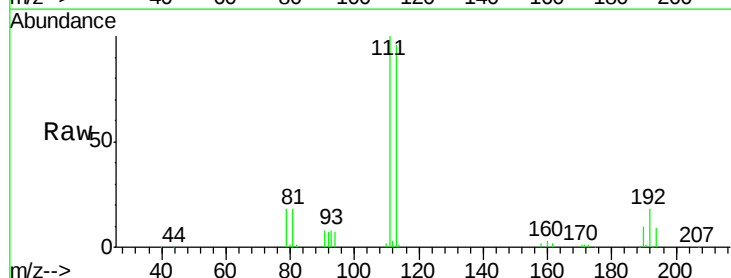
Tgt Ion:113 Resp: 150743

Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.0

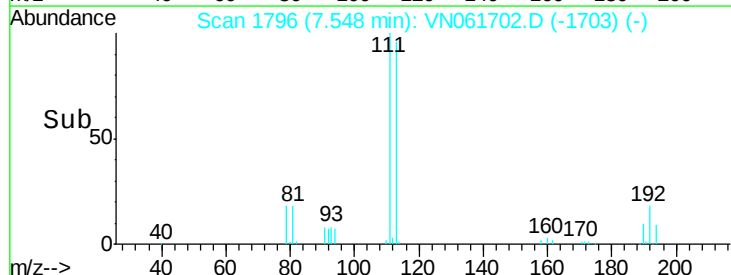
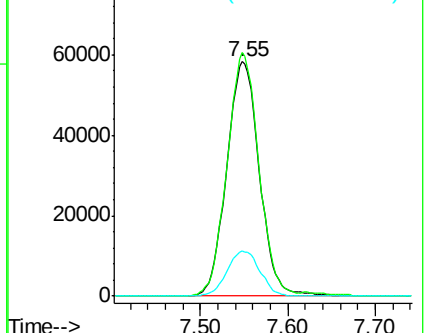
192 19.3 15.4 23.2

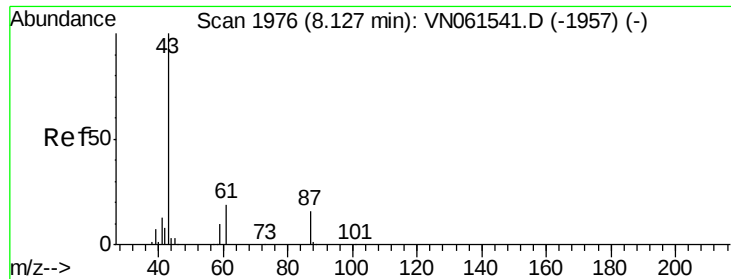


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.963 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061702.D

Acq: 8 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

PHC-326FB-010

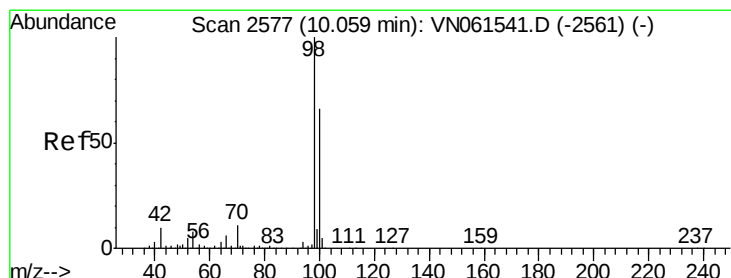
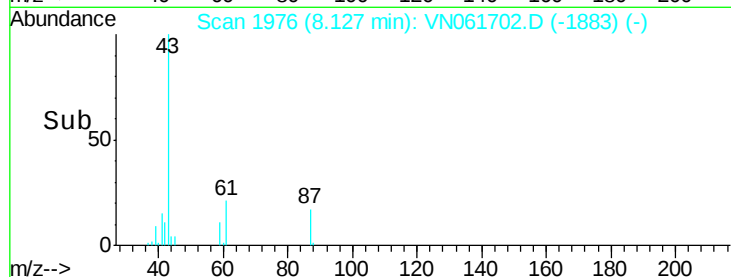
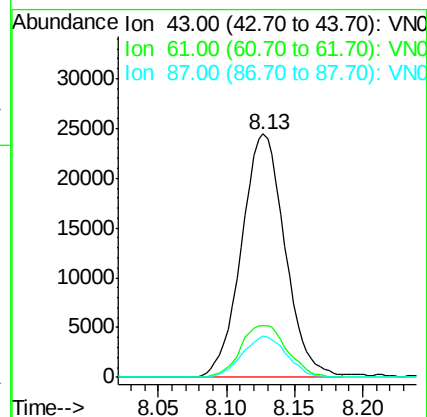
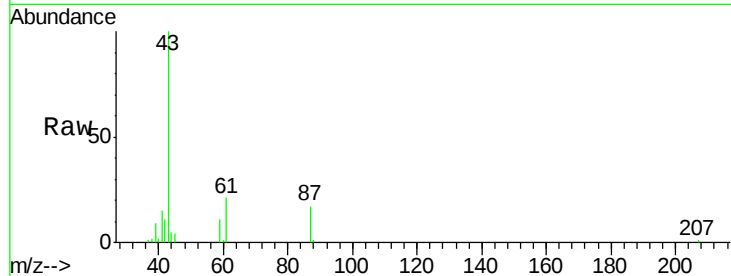
Tot Ion: 43 Resp: 54146

Ion Ratio Lower Upper

43 100

61 22.8 23.6 35.4#

87 17.0 13.0 19.6



#50

Toluene-d8

Concen: 51.579 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061702.D

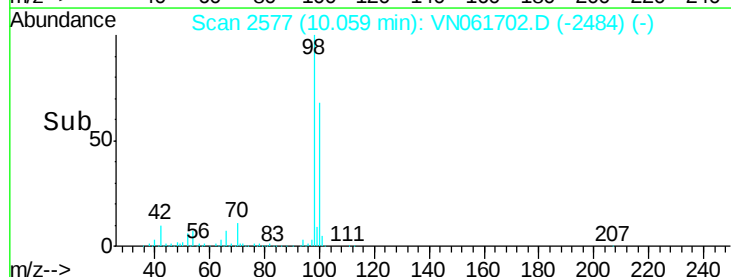
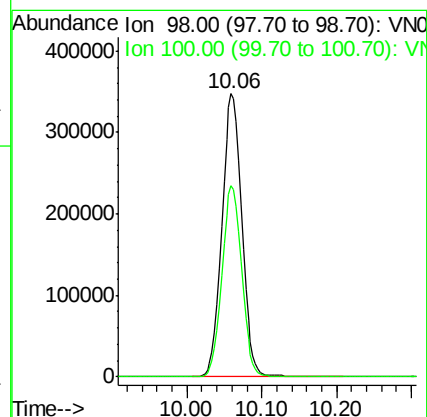
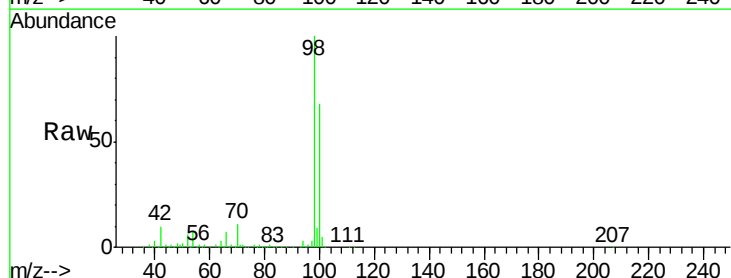
Acq: 8 Jun 2020 17:41

Tgt Ion: 98 Resp: 642691

Ion Ratio Lower Upper

98 100

100 66.7 52.8 79.2

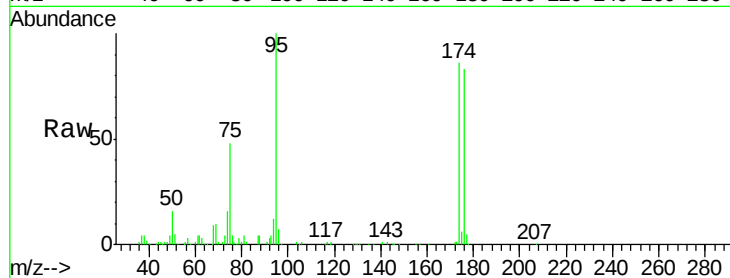




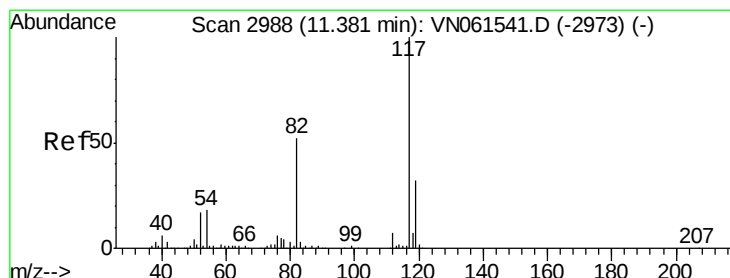
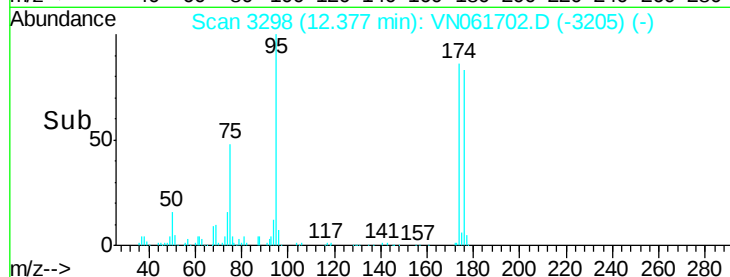
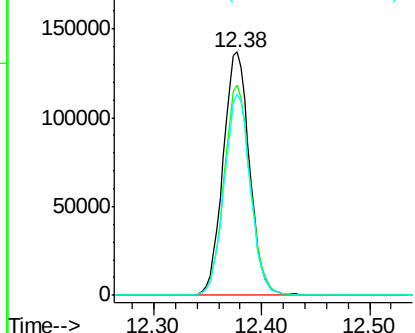
#62
4-Bromofluorobenzene
Concen: 51.319 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061702.D
Acq: 8 Jun 2020 17:41

Instrument :
MSVOA_N
ClientSampled :
PHC-326FB-010

Tot Ion: 95 Resp: 233294
Ion Ratio Lower Upper
95 100
174 85.8 0.0 172.8
176 81.9 0.0 164.8

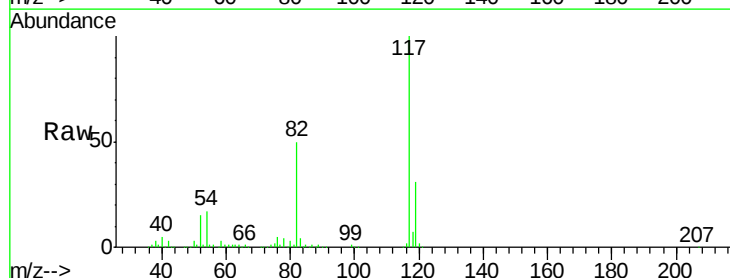


Abundance Ion 94.90 (94.60 to 95.60): VN
Ion 173.80 (173.50 to 174.50): VN
Ion 175.80 (175.50 to 176.50): VN

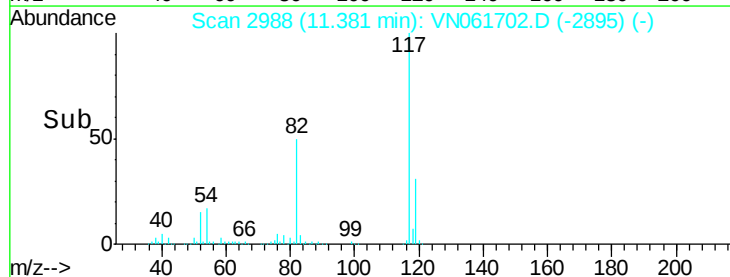
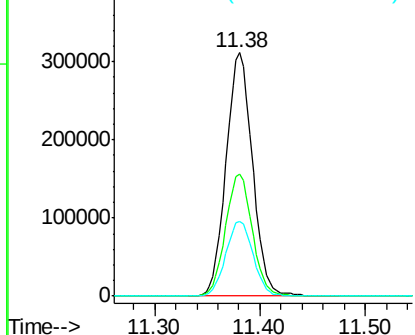


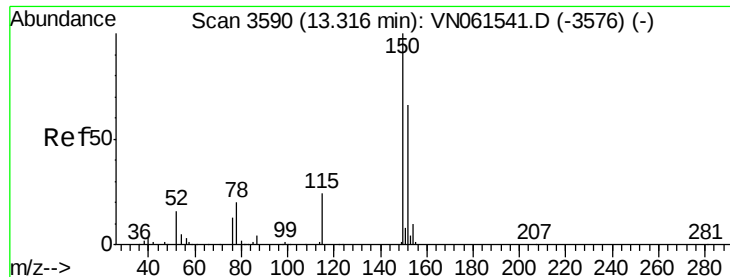
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061702.D
Acq: 8 Jun 2020 17:41

Tgt Ion: 117 Resp: 539639
Ion Ratio Lower Upper
117 100
82 50.3 41.5 62.3
119 30.8 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061702.D

Acq: 8 Jun 2020 17:41

Instrument :

MSVOA_N

ClientSampleId :

PHC-326FB-010

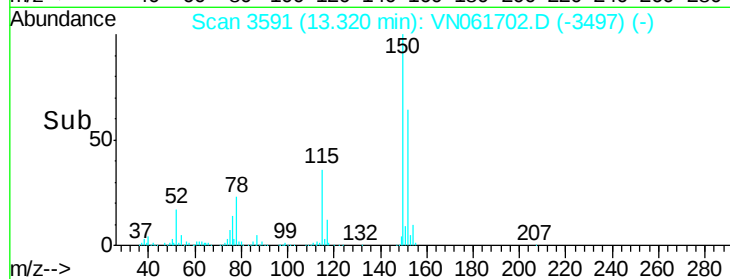
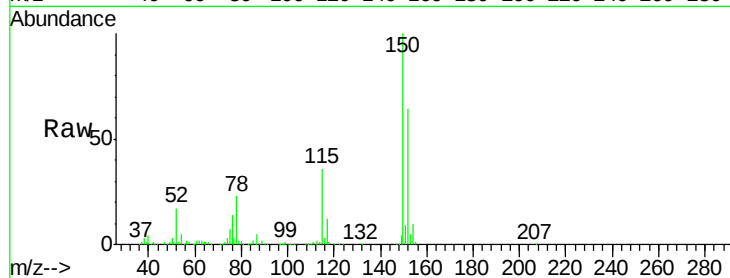
Tot Ion:152 Resp: 241072

Ion Ratio Lower Upper

152 100

115 57.0 28.0 84.0

150 158.0 0.0 344.0



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

