

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061912.D
 Acq On : 18 Jun 2020 20:04
 Operator : JC/MD
 Sample : L3024-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-16

Quant Time: Jun 19 06:30:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

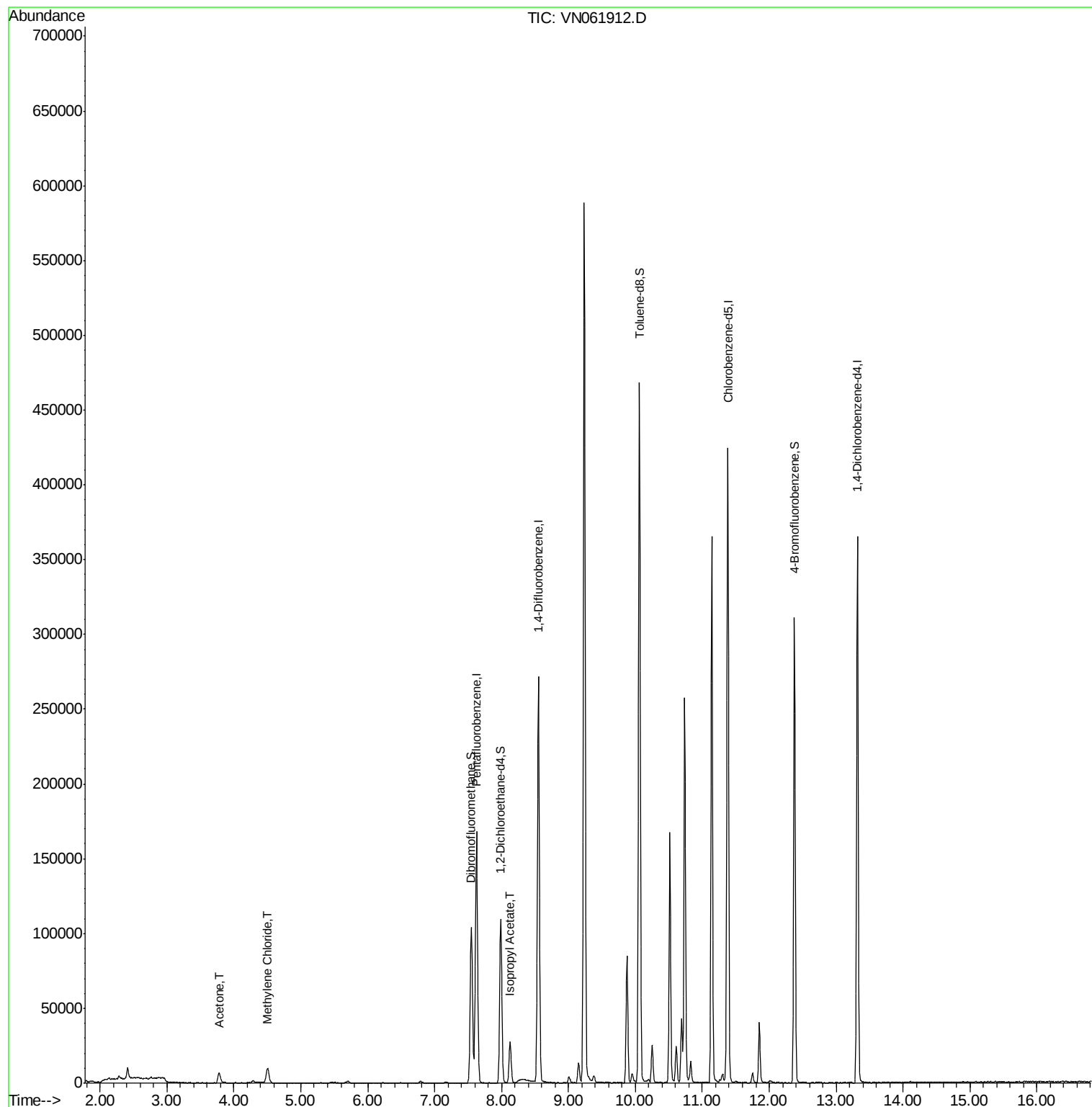
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	133100	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	251849	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	257893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	100930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	91866	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
35) Dibromofluoromethane	7.55	113	81016	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.06	98	327445	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.38	95	108920	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
Target Compounds						
16) Acetone	3.78	43	12054	22.861	ug/l	91
20) Methylene Chloride	4.50	84	8218	4.784	ug/l	97
43) Isopropyl Acetate	8.13	43	30557	10.108	ug/l #	89

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061820\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061912.D

Acq: 18 Jun 2020 20:04

Instrument :

MSVOA_N

ClientSampled :

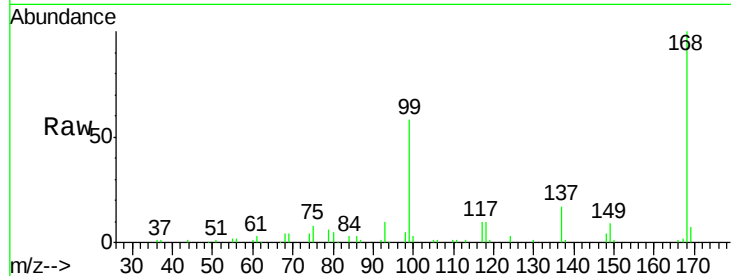
RO-16

Tot Ion:168 Resp: 133100

Ion Ratio Lower Upper

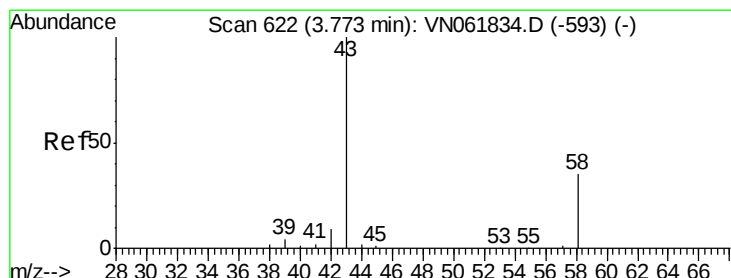
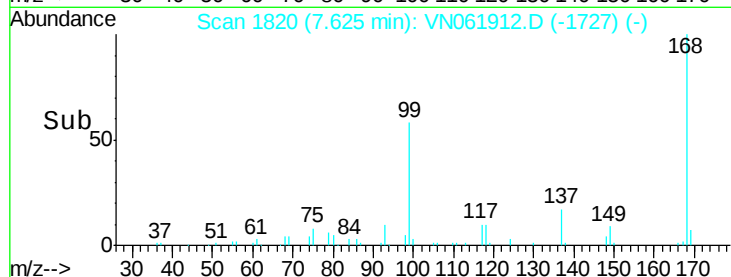
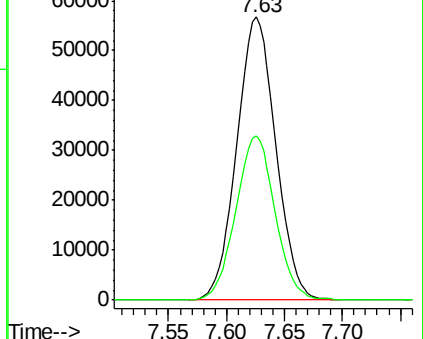
168 100

99 58.0 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 22.861 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061912.D

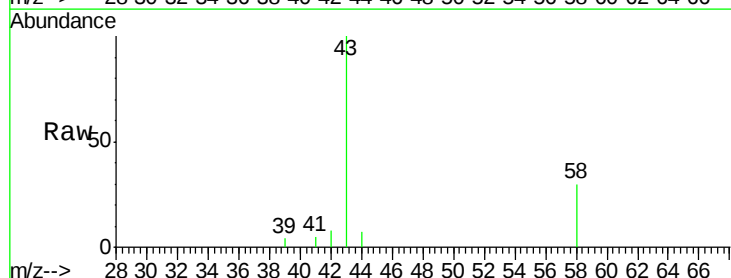
Acq: 18 Jun 2020 20:04

Tgt Ion: 43 Resp: 12054

Ion Ratio Lower Upper

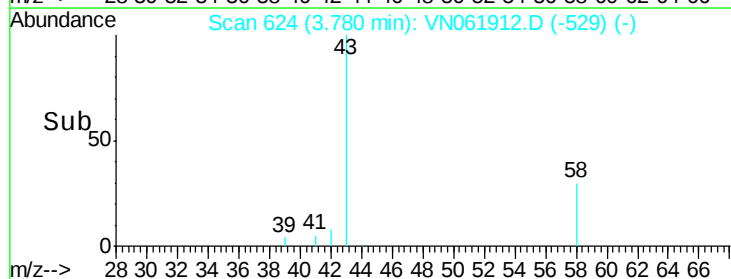
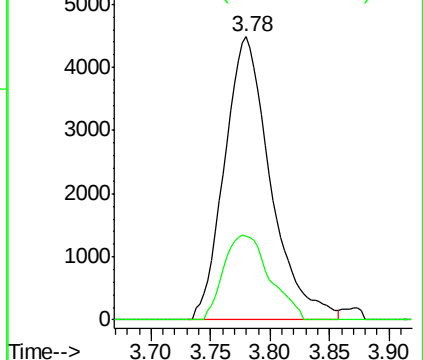
43 100

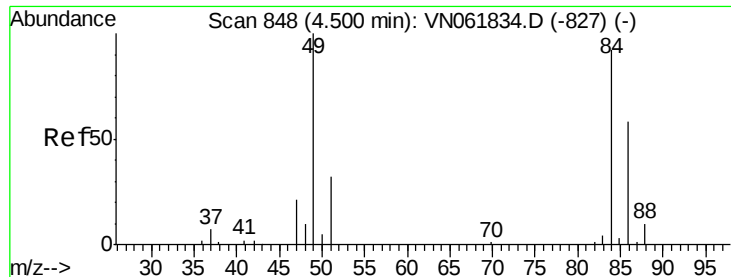
58 29.7 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

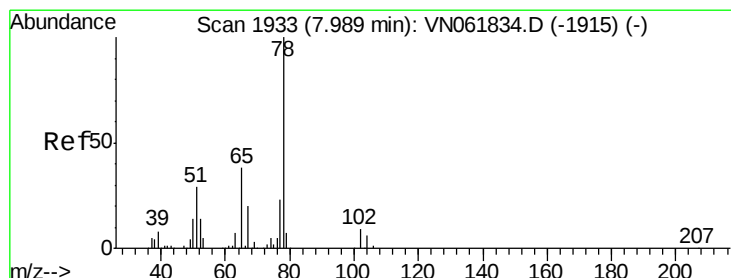
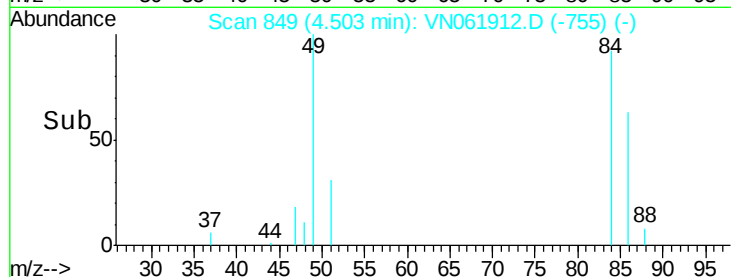
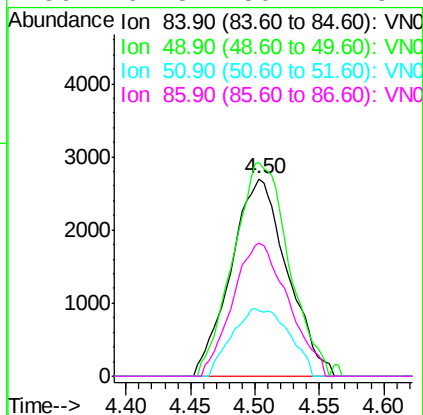
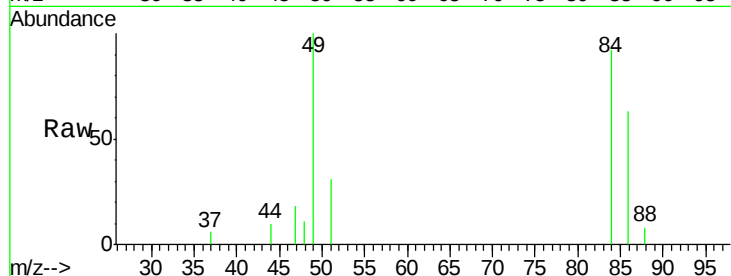




#20
Methvlene Chloride
Concen: 4.784 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061912.D
Acq: 18 Jun 2020 20:04

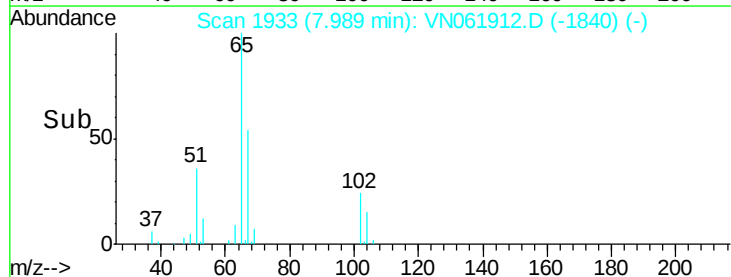
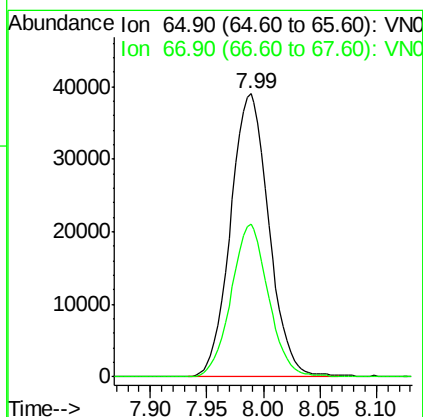
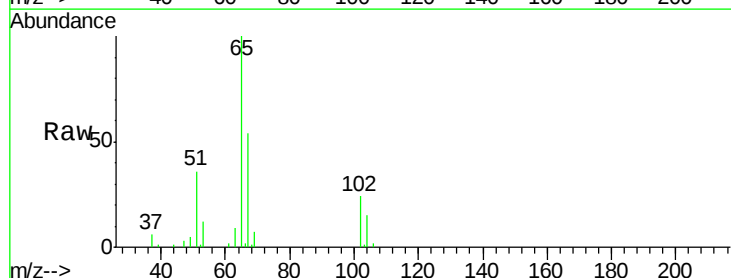
Instrument :
MSVOA_N
ClientSampled :
RO-16

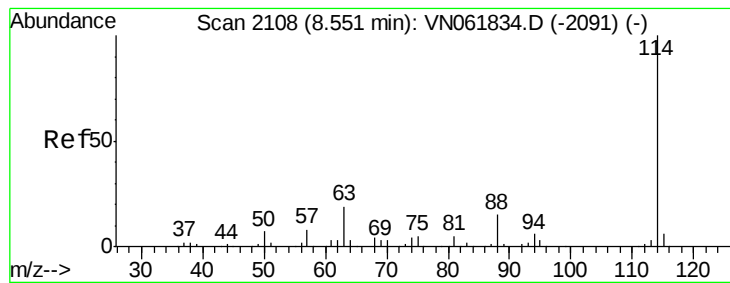
Tot Ion:	84	Resp:	8218
Ion	Ratio	Lower	Upper
84	100		
49	108.3	87.0	130.4
51	33.1	27.8	41.6
86	67.8	50.2	75.2



#33
1,2-Dichloroethane-d4
Concen: 51.464 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061912.D
Acq: 18 Jun 2020 20:04

Tgt Ion:	65	Resp:	91866
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061912.D

Acq: 18 Jun 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

RO-16

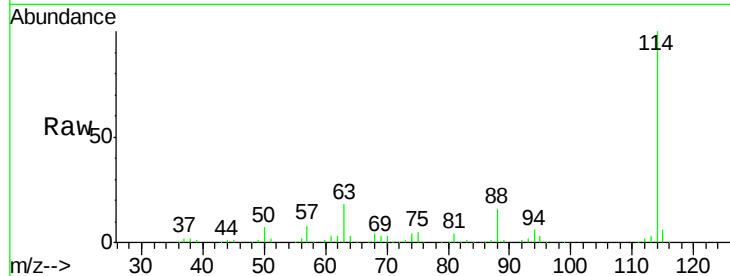
Tot Ion:114 Resp: 251849

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.6

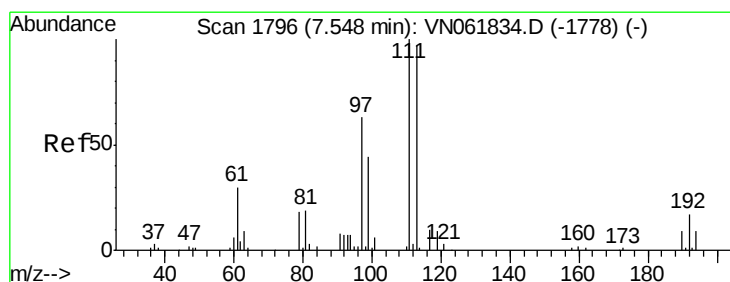
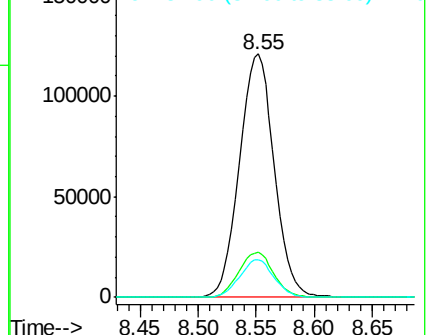
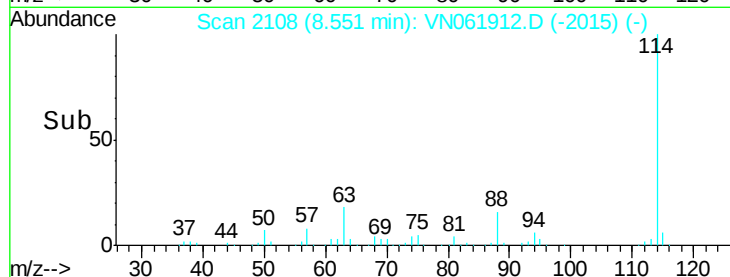
88 15.6 0.0 31.0



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: 50.283 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061912.D

Acq: 18 Jun 2020 20:04

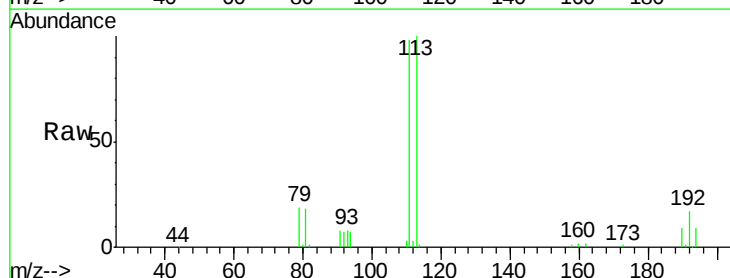
Tgt Ion:113 Resp: 81016

Ion Ratio Lower Upper

113 100

111 101.6 83.7 125.5

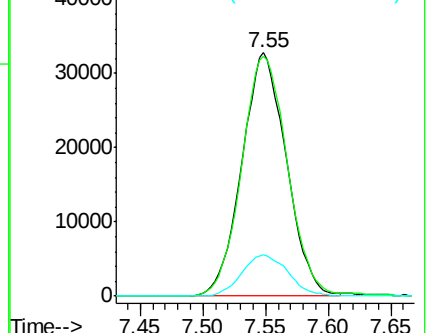
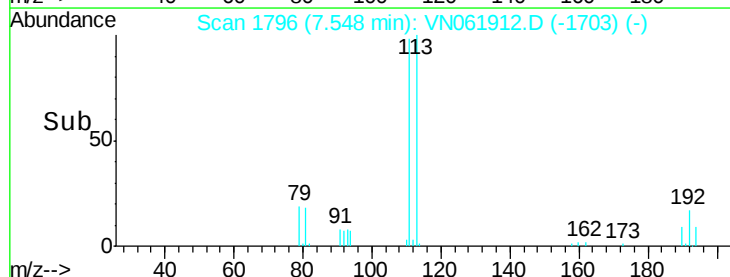
192 17.6 13.9 20.9

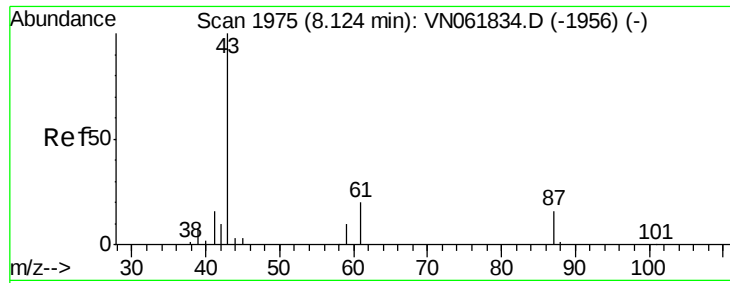


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

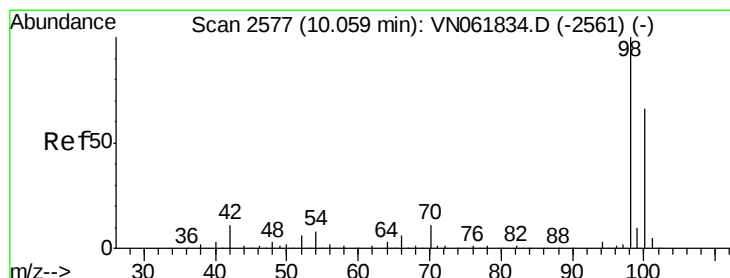
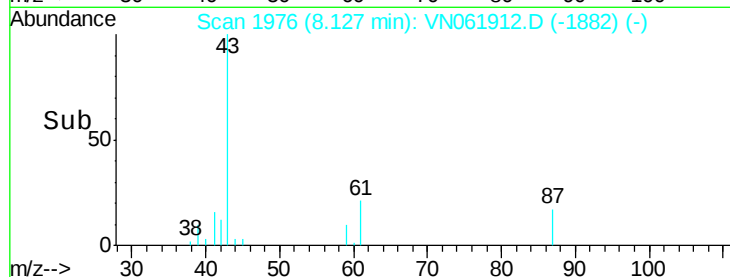
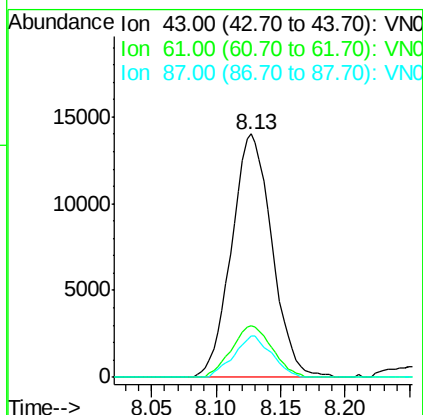
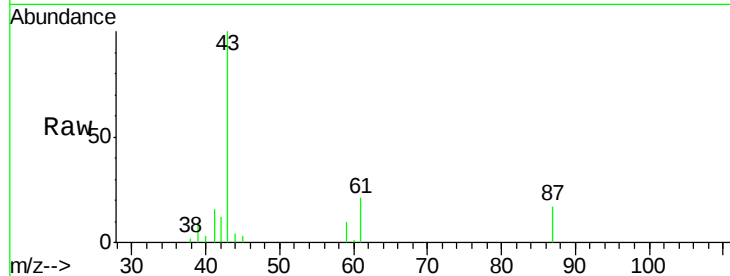




#43
Isopropyl Acetate
Concen: 10.108 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061912.D
Acq: 18 Jun 2020 20:04

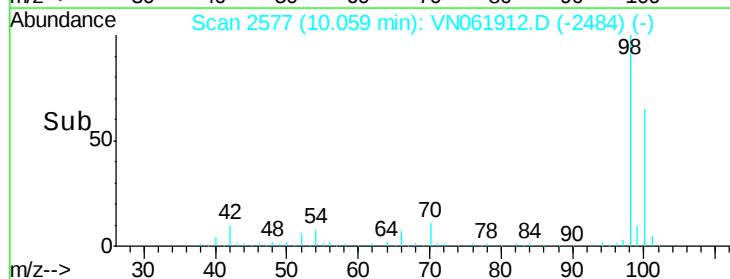
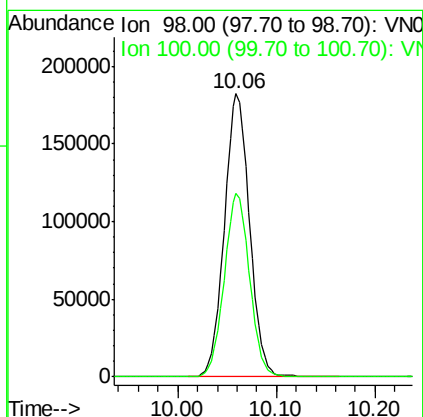
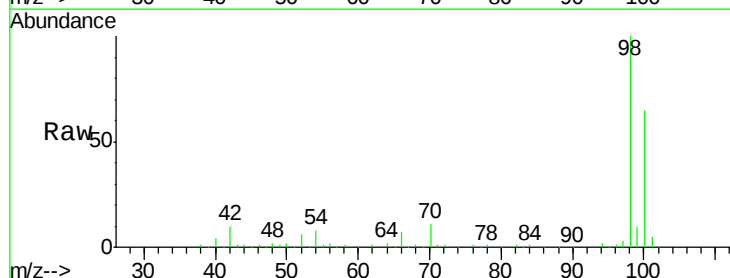
Instrument :
MSVOA_N
ClientSampleId :
RO-16

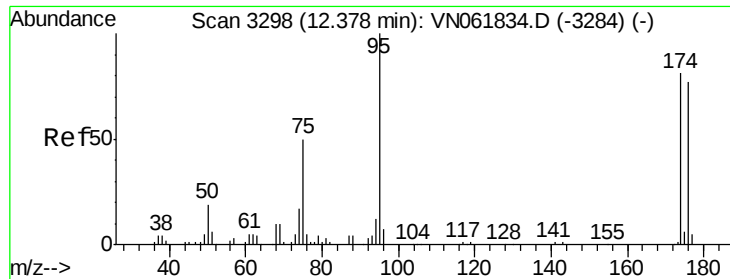
Tot Ion: 43 Resp: 30557
Ion Ratio Lower Upper
43 100
61 21.2 24.0 36.0#
87 16.0 12.5 18.7



#50
Toluene-d8
Concen: 51.694 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061912.D
Acq: 18 Jun 2020 20:04

Tgt Ion: 98 Resp: 327445
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1

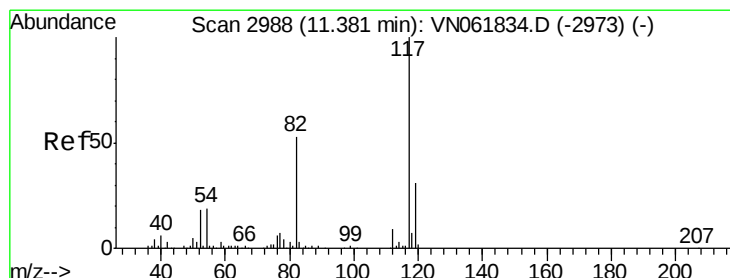
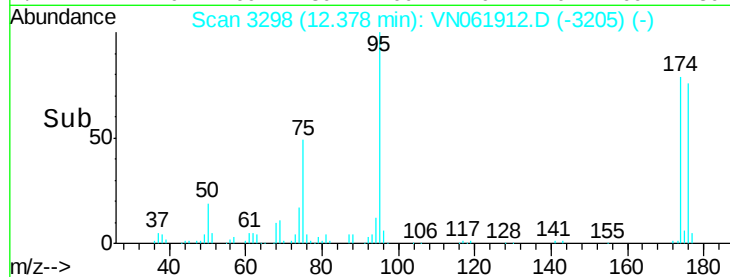
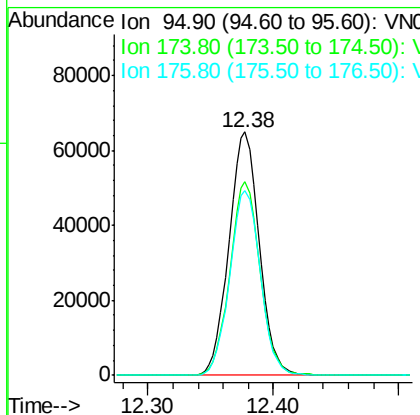
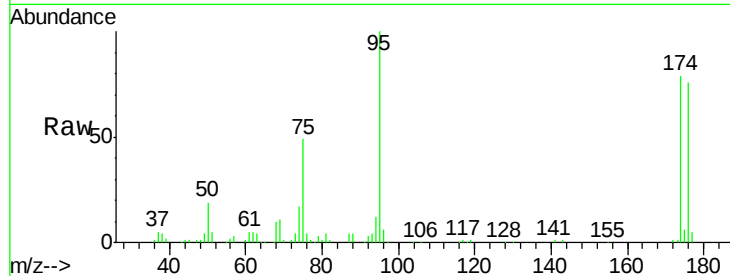




#62
 4-Bromofluorobenzene
 Concen: 50.130 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061912.D
 Acq: 18 Jun 2020 20:04

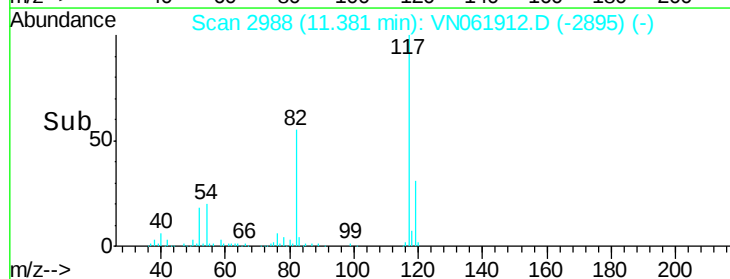
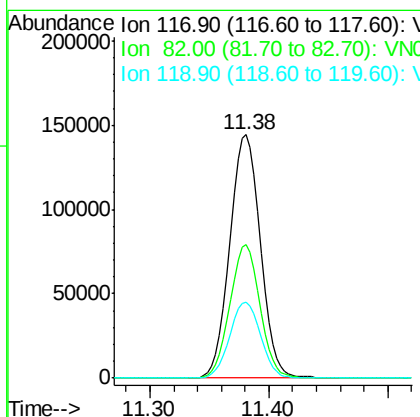
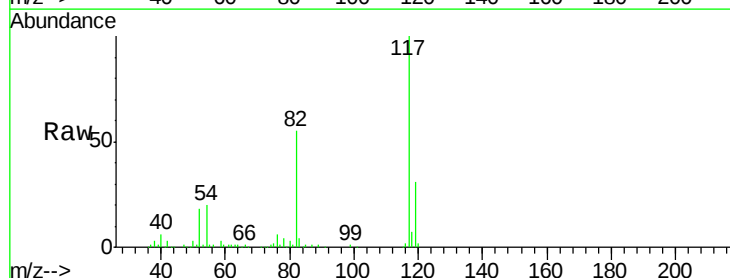
Instrument :
 MSVOA_N
 ClientSampled :
 RO-16

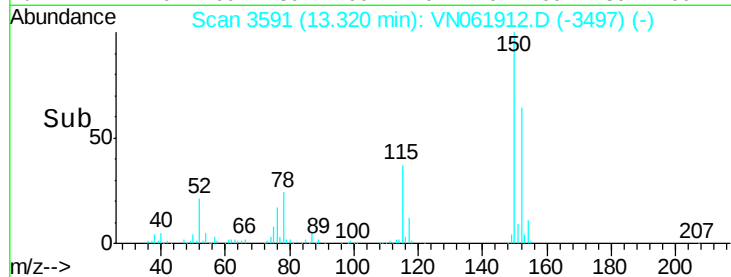
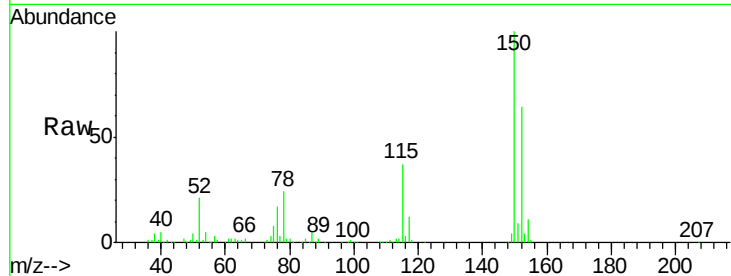
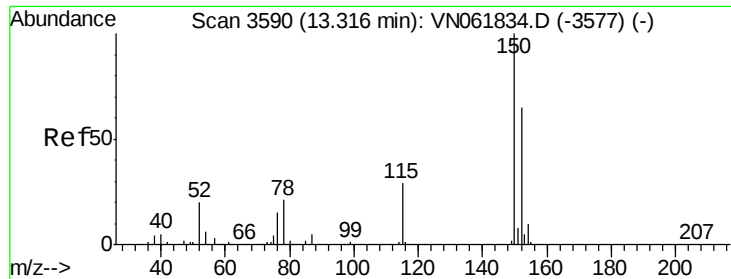
Tot Ion	95	Resp	108920
Ion Ratio	Lower	Upper	
95	100		
174	79.3	0.0	158.6
176	76.4	0.0	152.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2988
 Delta R.T. 0.00 min
 Lab File: VN061912.D
 Acq: 18 Jun 2020 20:04

Tgt Ion	117	Resp	257893
Ion Ratio	Lower	Upper	
117	100		
82	55.0	42.6	64.0
119	31.1	24.7	37.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061912.D

Acq: 18 Jun 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

RO-16

Tot Ion:152 Resp: 100930

Ion Ratio Lower Upper

152 100

115 57.8 29.1 87.3

150 157.7 0.0 347.6

