

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050720\
 Data File : VN061336.D
 Acq On : 7 May 2020 16:06
 Operator : JC/MD
 Sample : L2530-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-14

Quant Time: May 08 09:17:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

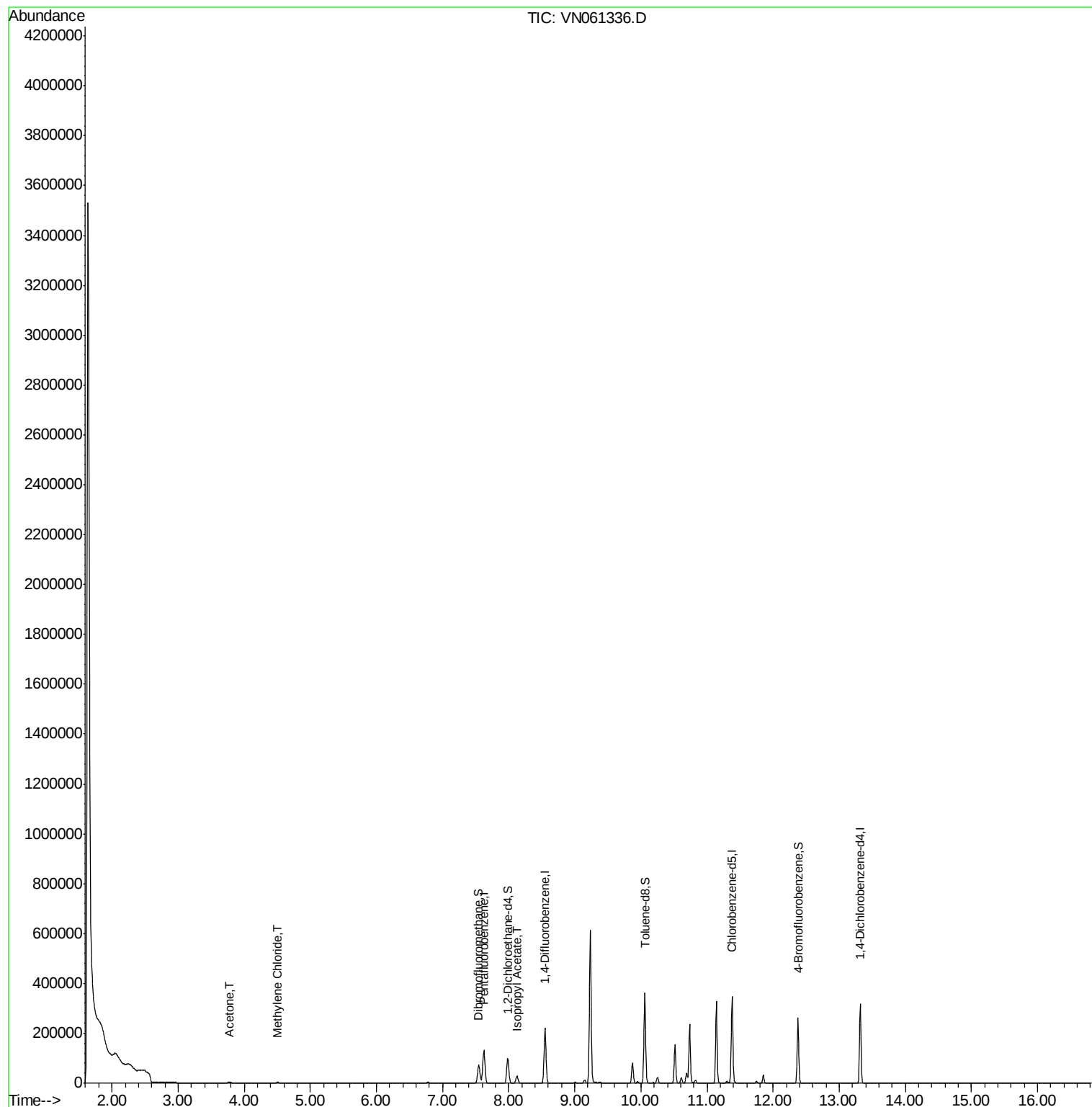
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	100830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	184487	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	183354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78096	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	85851	53.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.62%	
35) Dibromofluoromethane	7.55	113	54840	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.06	98	238665	53.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	12.38	95	87733	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
Target Compounds						
16) Acetone	3.78	43	10436	11.646	ug/l	97
20) Methylene Chloride	4.51	84	1895	1.523	ug/l	93
43) Isopropyl Acetate	8.13	43	35945	10.004	ug/l #	90

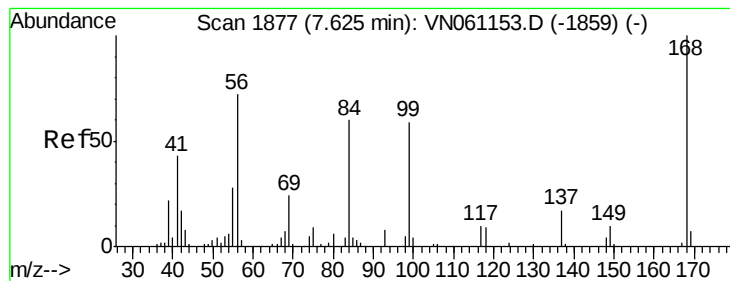
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061336.D

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Instrument :

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ClientSampleId :

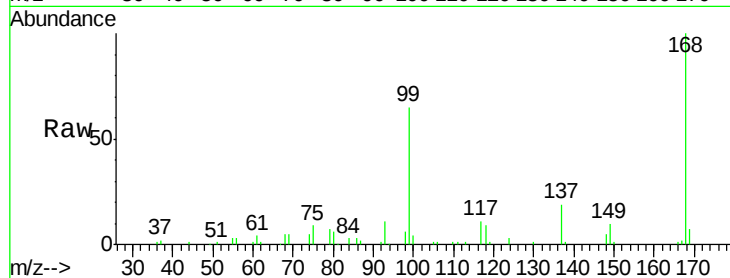
RO-14

Tot Ion:168 Resp: 100830

Ion Ratio Lower Upper

168 100

99 65.2 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

40000

30000

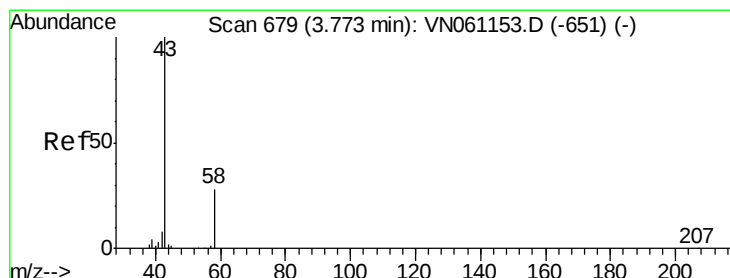
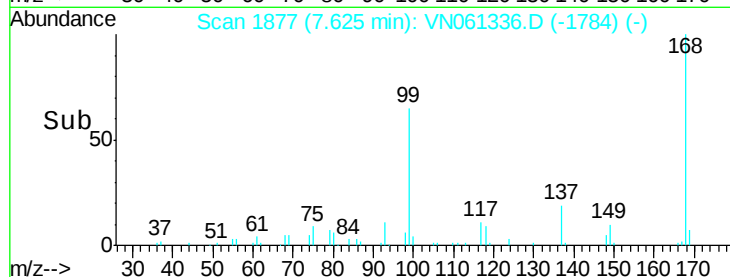
20000

10000

0

Time-->

7.55 7.60 7.65 7.70



#16

Acetone

Concen: 11.646 ug/l

RT: 3.78 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN061336.D

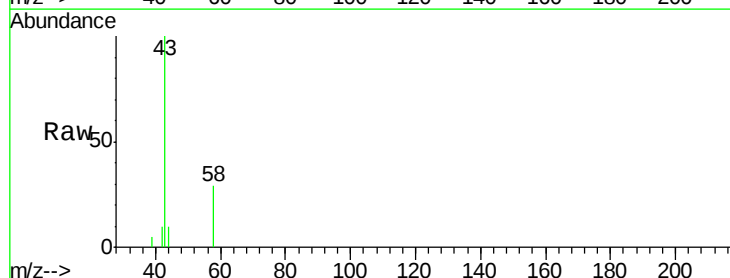
Acq: 7 May 2020 16:06

Tgt Ion: 43 Resp: 10436

Ion Ratio Lower Upper

43 100

58 29.1 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

4000

3000

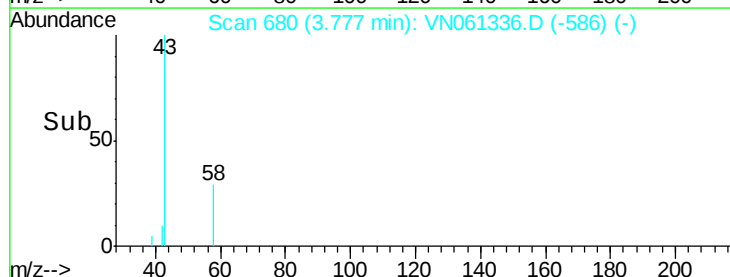
2000

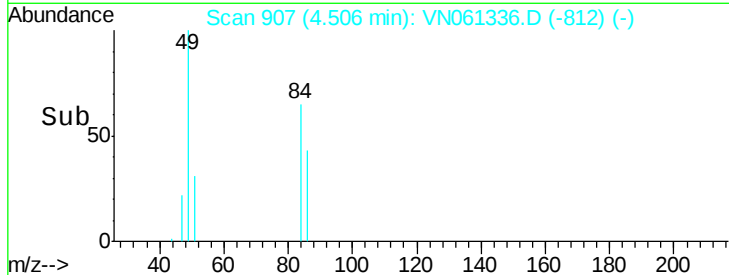
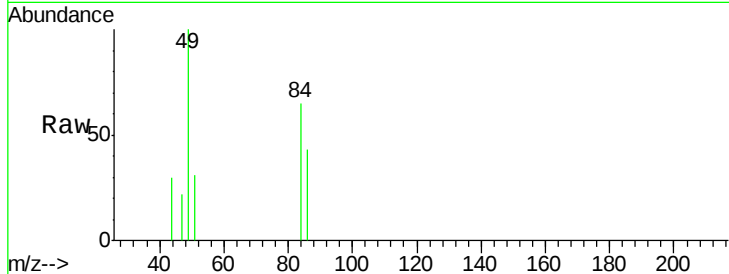
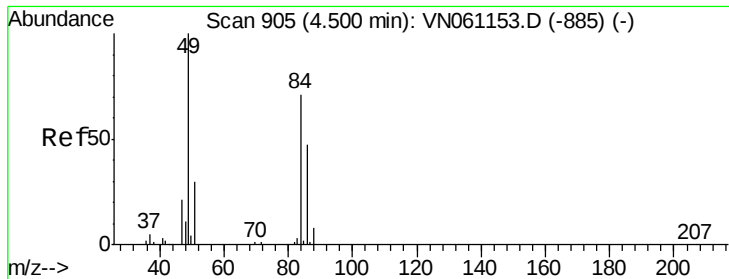
1000

0

Time-->

3.70 3.80 3.90

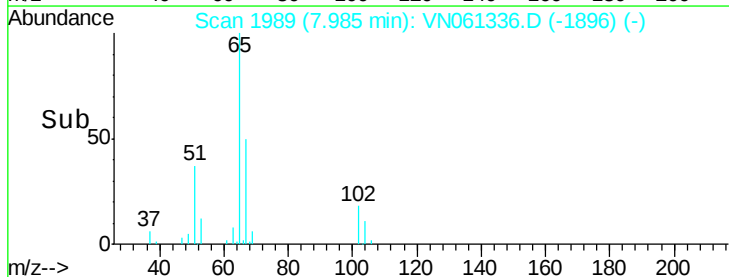
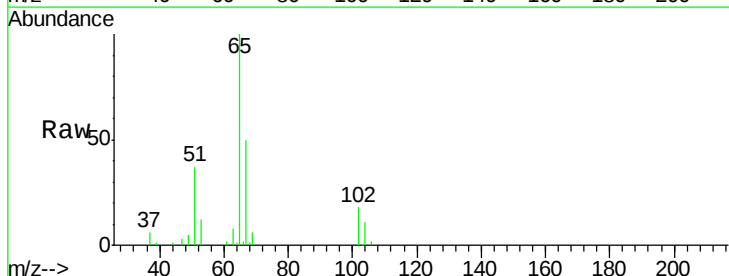
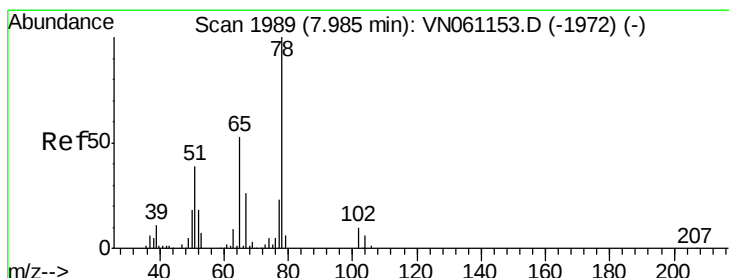
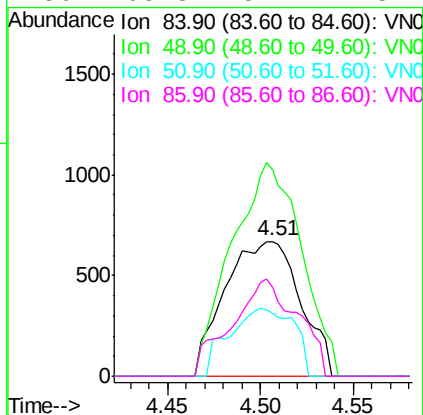




#20
Methvlene Chloride
Concen: 1.523 ug/l
RT: 4.51 min Scan# 907
Delta R.T. 0.01 min
Lab File: VN061336.D
Acq: 7 May 2020 16:06

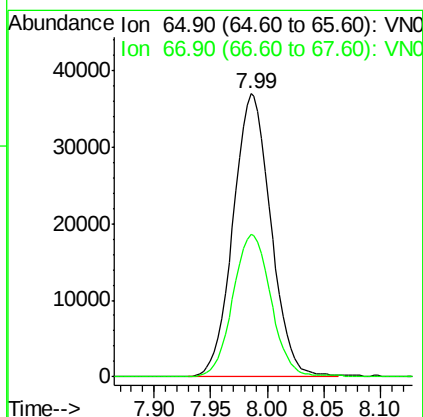
Instrument :
MSVOA_N
ClientSampled :
RO-14

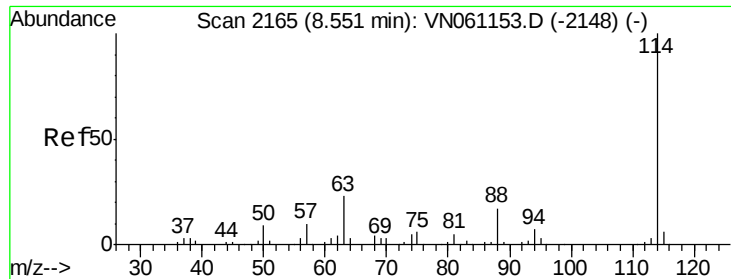
Tot Ion:	84	Resp:	1895
Ion	Ratio	Lower	Upper
84	100		
49	152.8	112.0	168.0
51	46.9	33.6	50.4
86	65.3	52.1	78.1



#33
1,2-Dichloroethane-d4
Concen: 53.810 ug/l
RT: 7.99 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN061336.D
Acq: 7 May 2020 16:06

Tgt Ion:	65	Resp:	85851
Ion	Ratio	Lower	Upper
65	100		
67	50.8	0.0	101.6

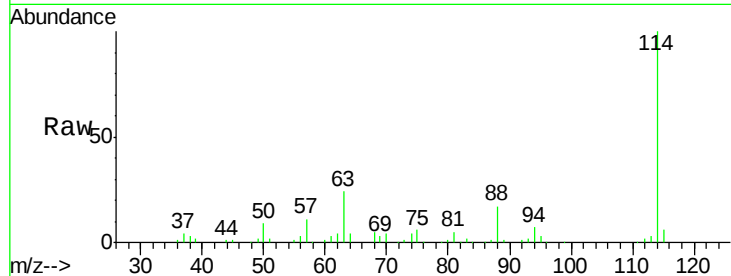




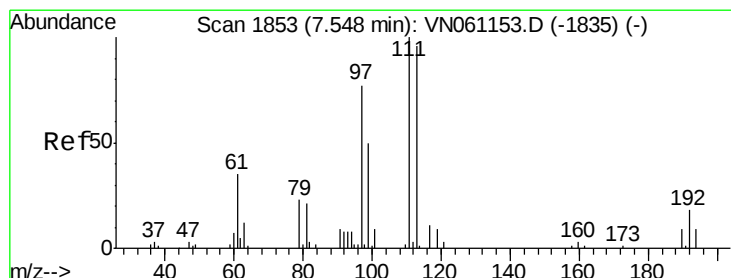
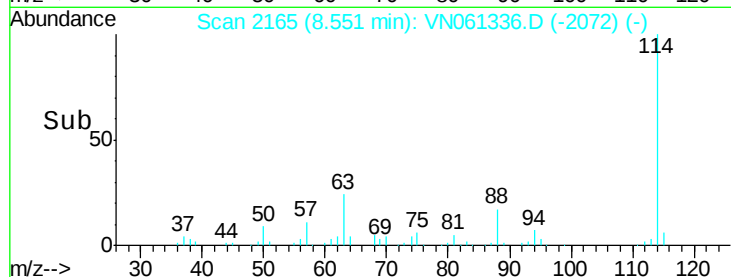
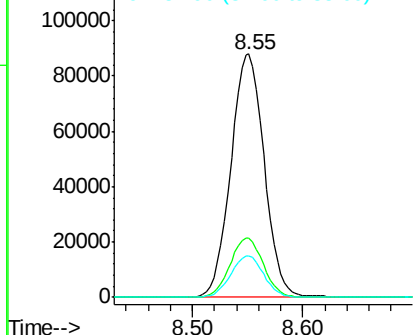
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061336.D
 Acq: 7 May 2020 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-14

Tot Ion:114 Resp: 184487
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 46.6
 88 17.1 0.0 33.4

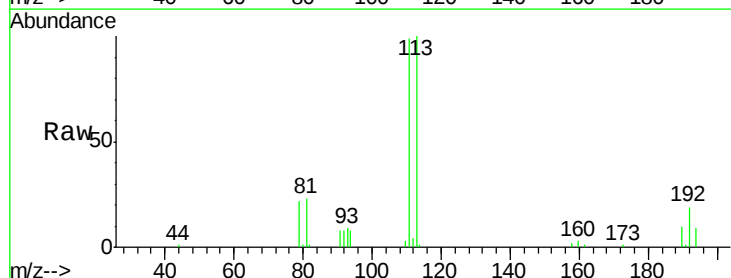


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

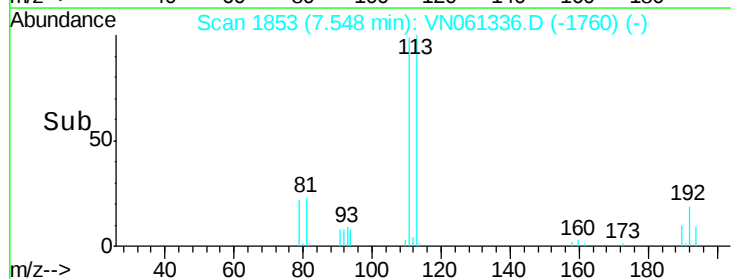
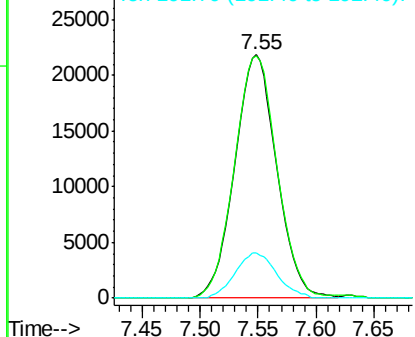


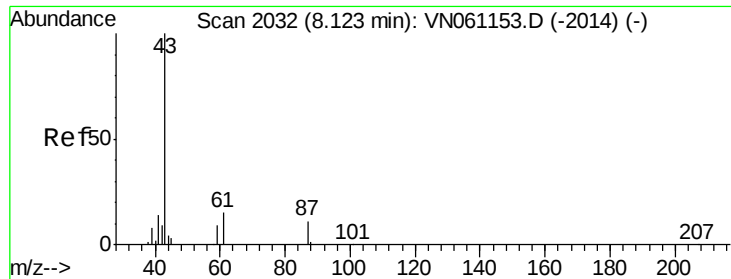
#35
 Dibromofluoromethane
 Concen: 50.270 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061336.D
 Acq: 7 May 2020 16:06

Tgt Ion:113 Resp: 54840
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.9 124.3
 192 18.3 14.7 22.1



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: 10.004 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061336.D

Acq: 7 May 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

RO-14

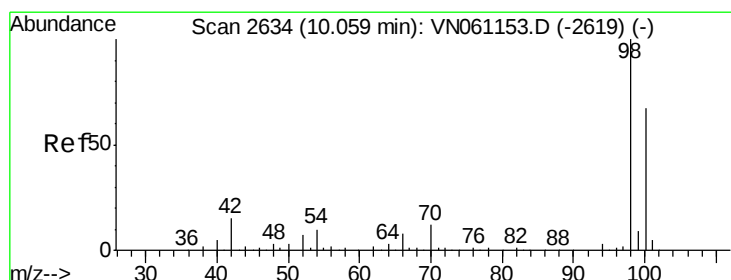
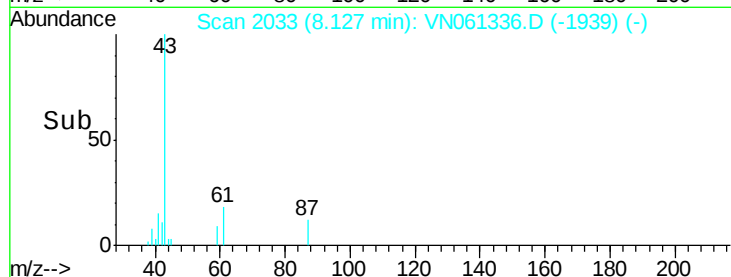
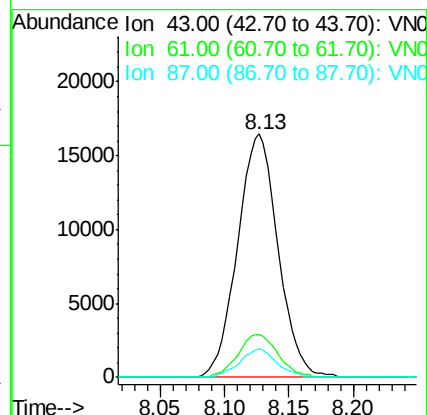
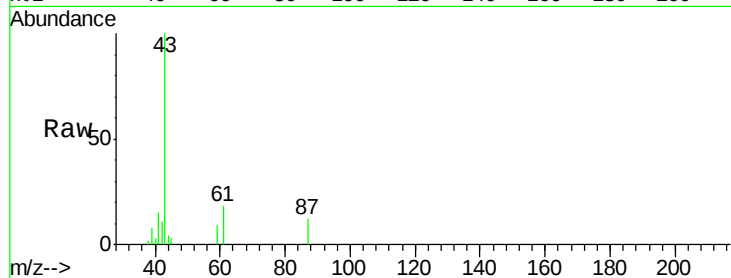
Tot Ion: 43 Resp: 35945

Ion Ratio Lower Upper

43 100

61 17.4 19.5 29.3#

87 10.7 8.9 13.3



#50

Toluene-d8

Concen: 53.667 ug/l

RT: 10.06 min Scan# 2634

Delta R.T. 0.00 min

Lab File: VN061336.D

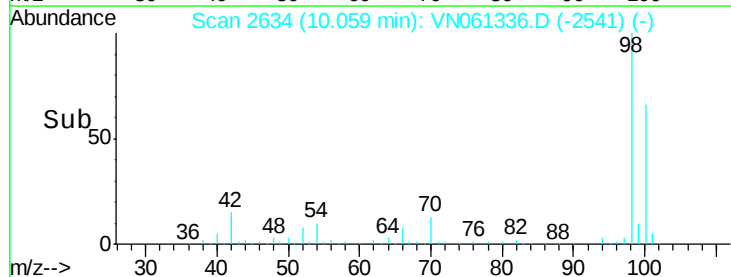
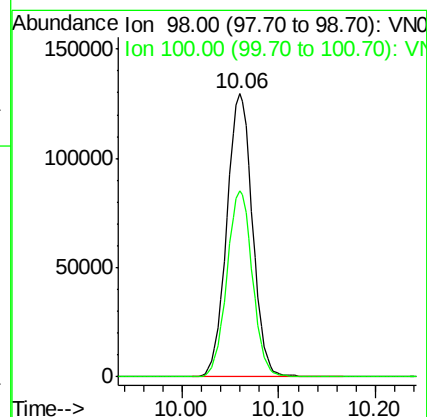
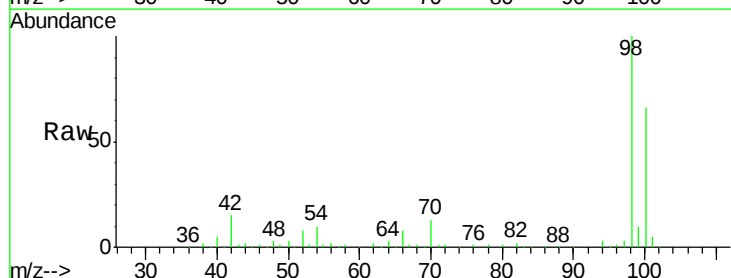
Acq: 7 May 2020 16:06

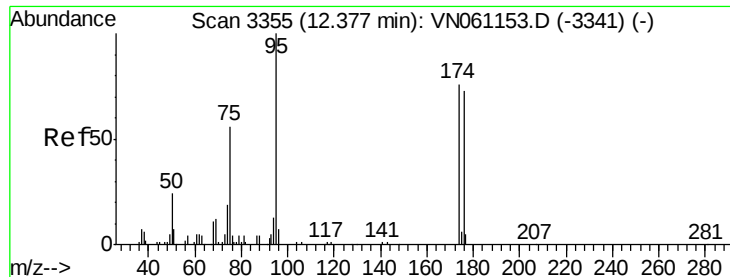
Tgt Ion: 98 Resp: 238665

Ion Ratio Lower Upper

98 100

100 65.2 53.4 80.0

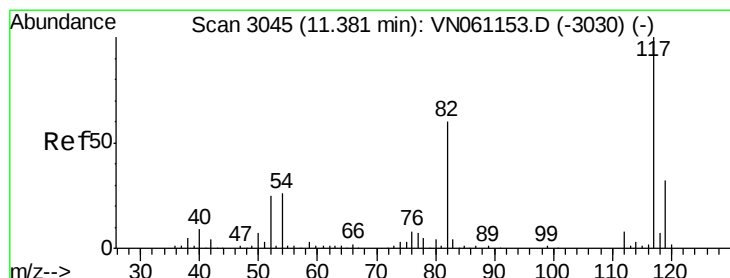
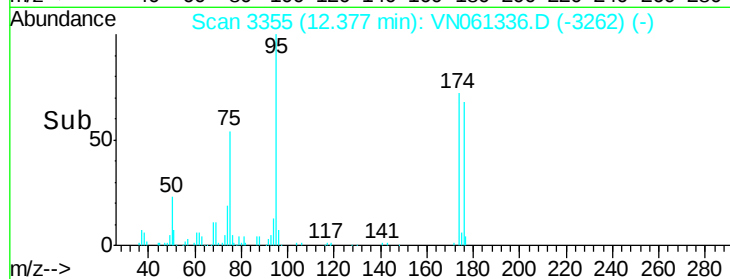
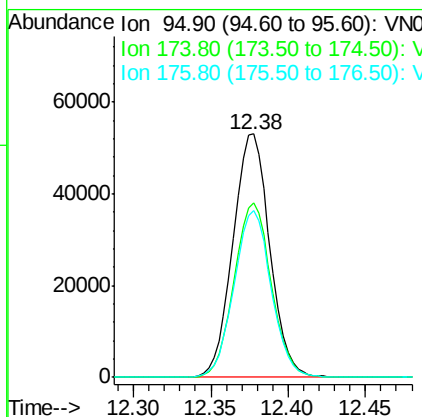
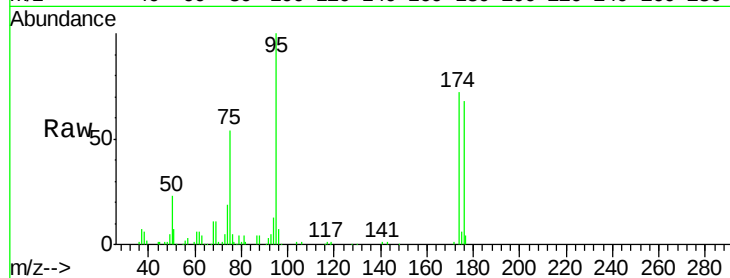




#62
4-Bromofluorobenzene
Concen: 52.424 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061336.D
Acq: 7 May 2020 16:06

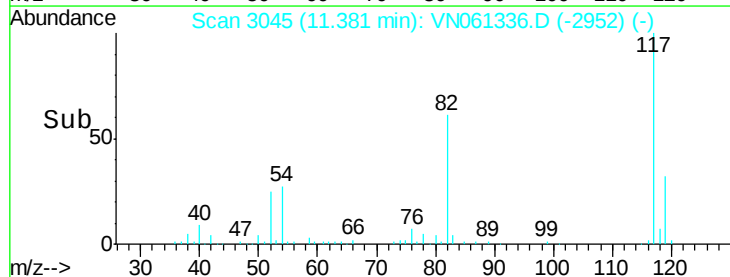
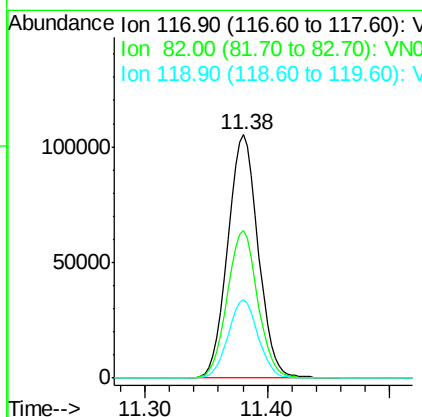
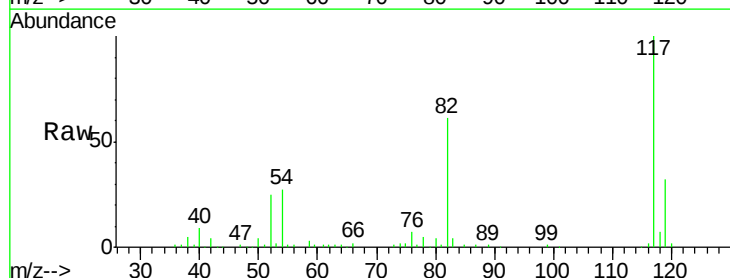
Instrument :
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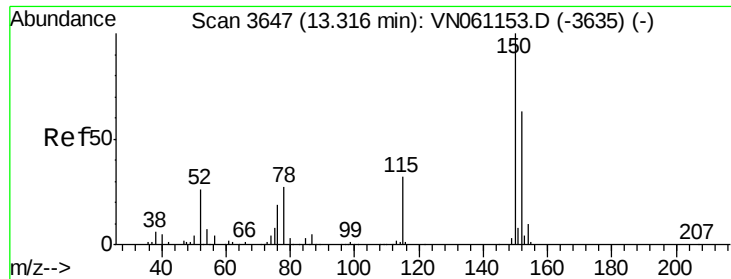
Tot Ion: 95 Resp: 87733
Ion Ratio Lower Upper
95 100
174 72.6 0.0 149.4
176 68.9 0.0 144.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061336.D
Acq: 7 May 2020 16:06

Tgt Ion: 117 Resp: 183354
Ion Ratio Lower Upper
117 100
82 60.5 47.8 71.8
119 32.0 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061336.D

Acq: 7 May 2020 16:06

Instrument :

MSVOA_N

ClientSampleId :

RO-14

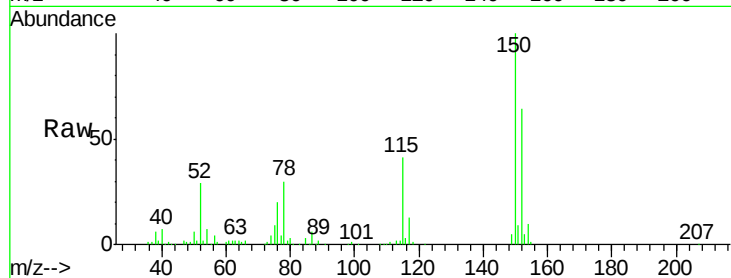
Tot Ion:152 Resp: 78096

Ion Ratio Lower Upper

152 100

115 62.8 31.0 93.0

150 156.6 0.0 351.8



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

