

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060753.D
 Acq On : 27 Mar 2020 19:53
 Operator : JC/MD
 Sample : L2040-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-06

Quant Time: Mar 30 01:20:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

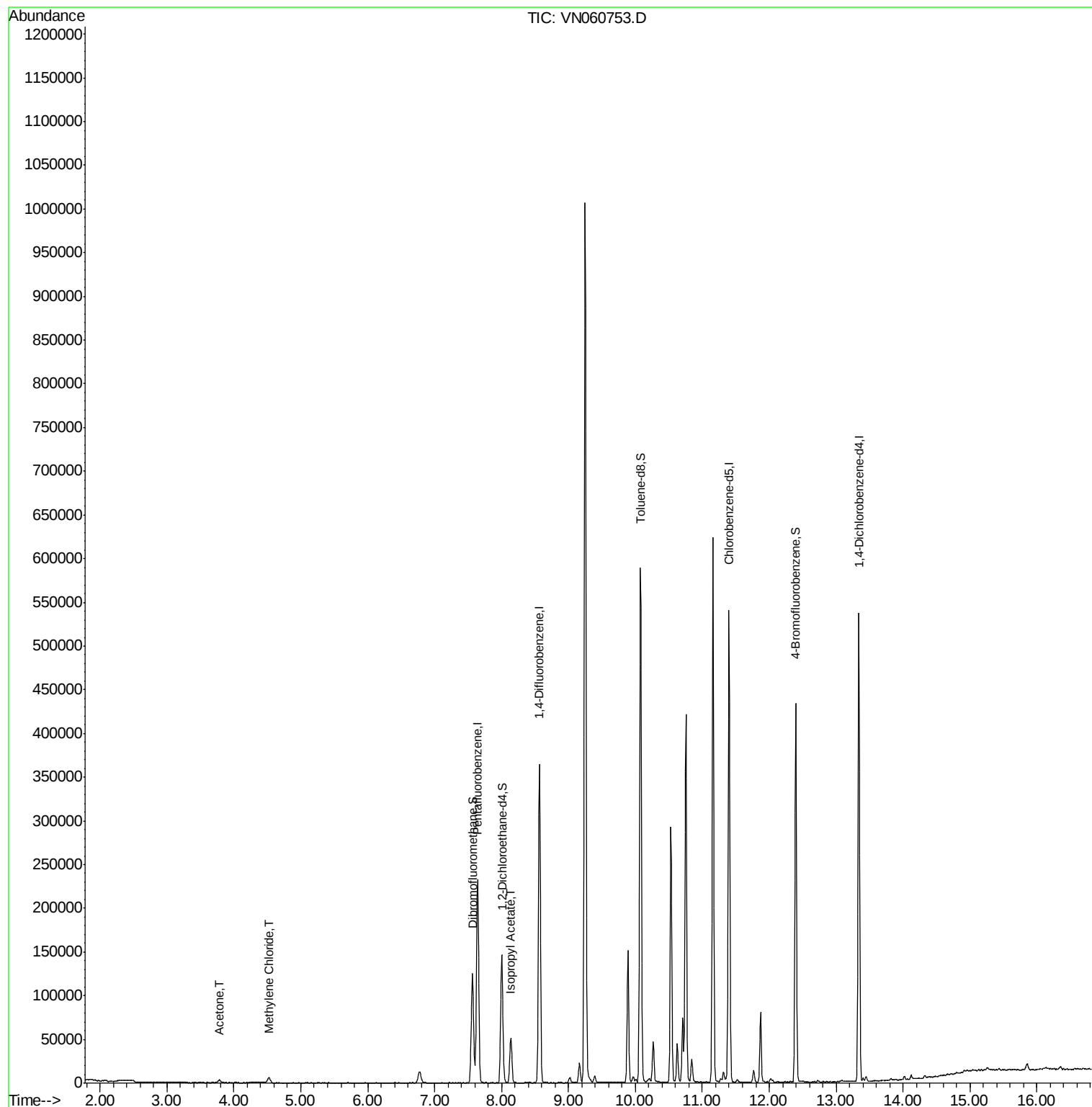
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	191519	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	320499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142151	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126853	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	7.56	113	96369	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.08	98	402131	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.40	95	151540	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
Target Compounds						
16) Acetone	3.78	43	6401	6.873	ug/l	92
20) Methylene Chloride	4.52	84	4532	1.978	ug/l #	90
43) Isopropyl Acetate	8.14	43	62492	11.300	ug/l #	91

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

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QLast Update : Wed Mar 18 08:49:09 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060753.D

Acq: 27 Mar 2020 19:53

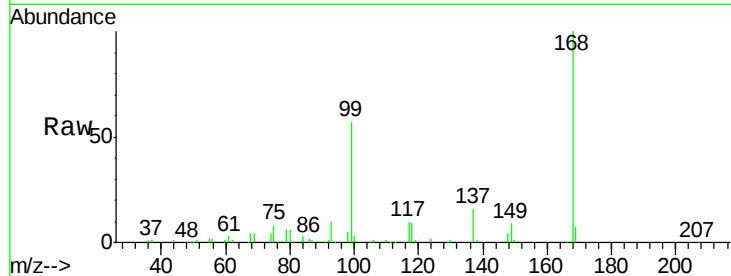
Instrument :
MSVOA_N
ClientSampled :
RO-06

Tot Ion:168 Resp: 191519

Ion Ratio Lower Upper

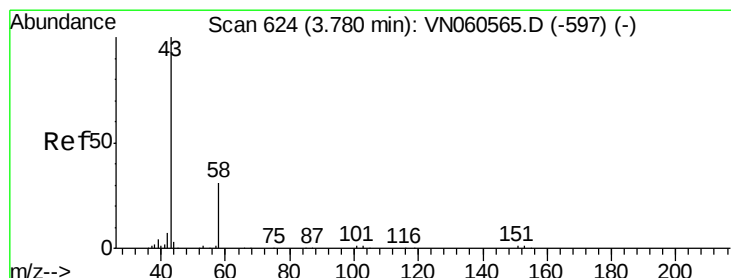
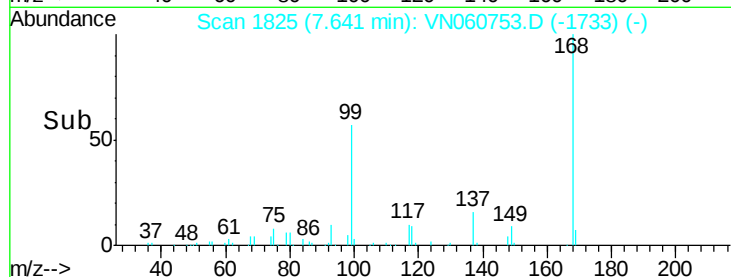
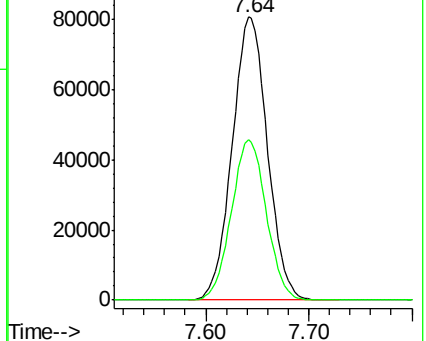
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.873 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060753.D

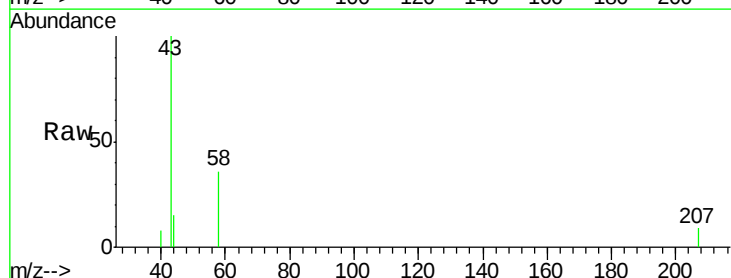
Acq: 27 Mar 2020 19:53

Tgt Ion: 43 Resp: 6401

Ion Ratio Lower Upper

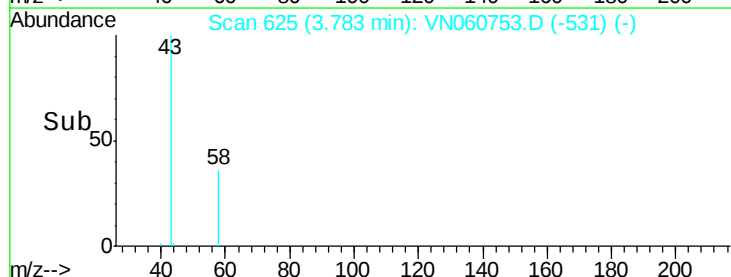
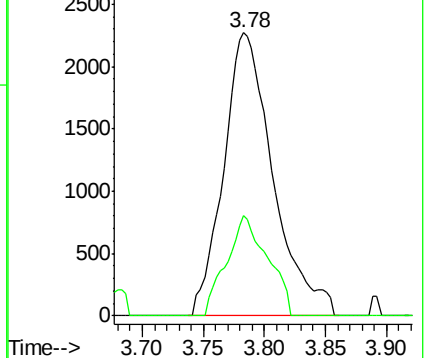
43 100

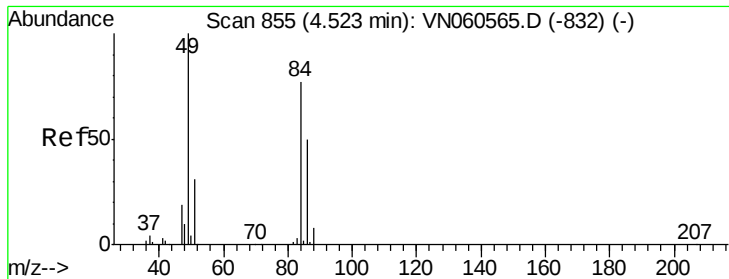
58 35.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

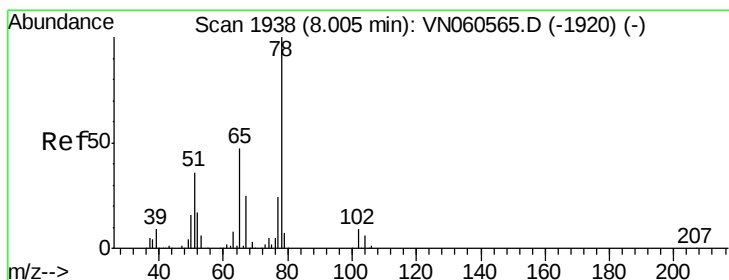
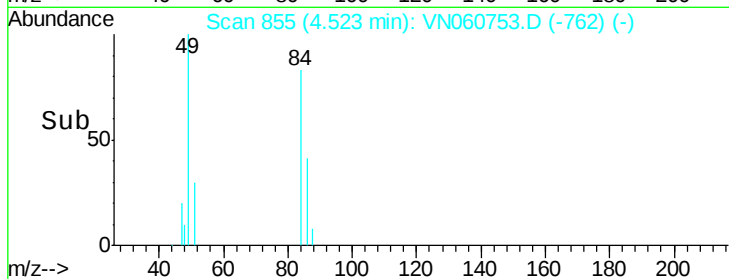
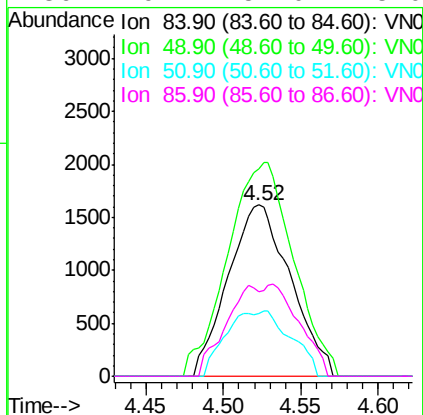
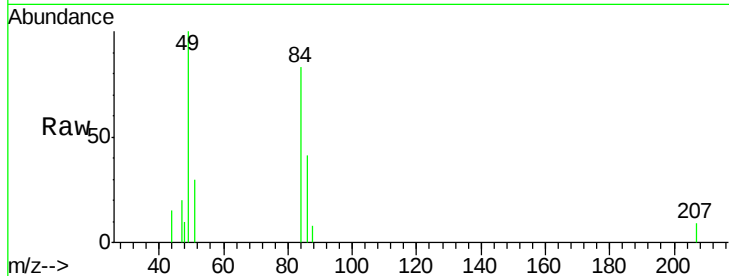




#20
Methvlene Chloride
Concen: 1.978 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060753.D
Acq: 27 Mar 2020 19:53

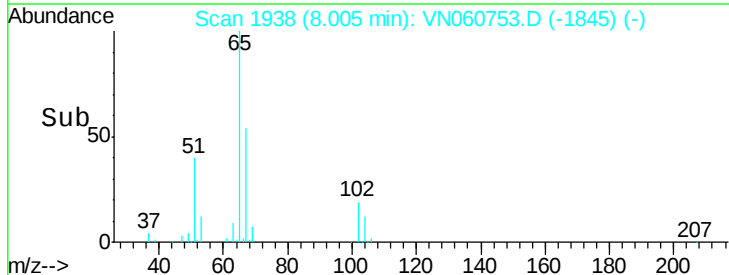
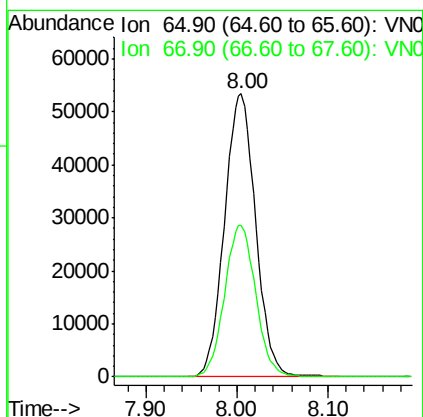
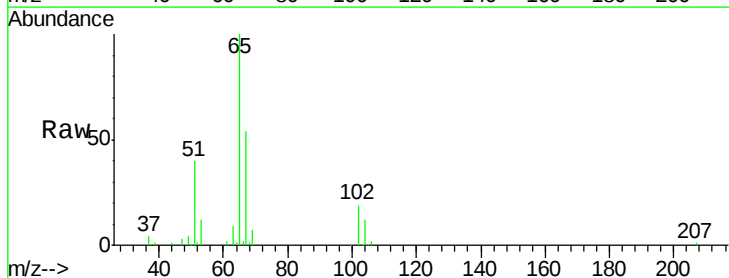
Instrument :
MSVOA_N
ClientSampled :
RO-06

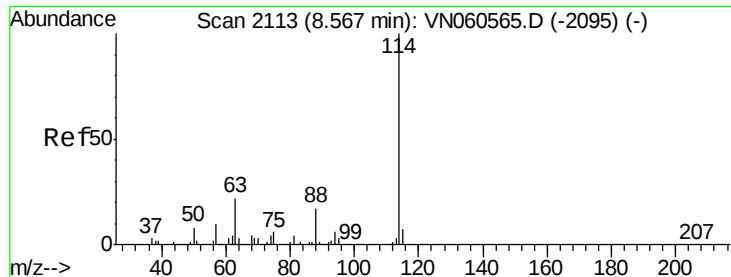
Tot Ion: 84 Resp: 4532
Ion Ratio Lower Upper
84 100
49 120.8 103.3 154.9
51 36.5 31.6 47.4
86 49.2 52.0 78.0#



#33
1,2-Dichloroethane-d4
Concen: 48.249 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060753.D
Acq: 27 Mar 2020 19:53

Tgt Ion: 65 Resp: 126853
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060753.D

Acq: 27 Mar 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

RO-06

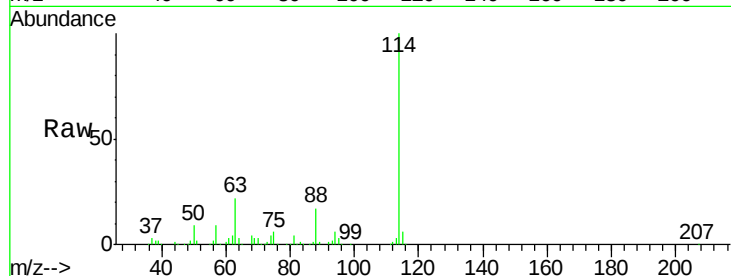
Tot Ion:114 Resp: 320499

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

88 16.6 0.0 33.0



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

8.57

150000

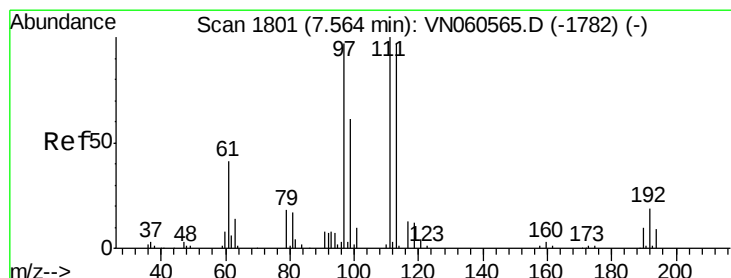
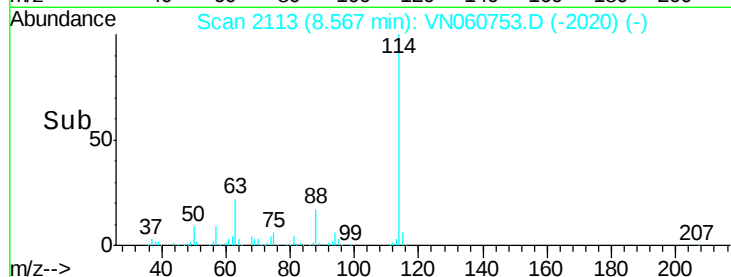
100000

50000

0

8.50 8.60 8.70

Time-->



#35

Dibromofluoromethane

Concen: 49.727 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060753.D

Acq: 27 Mar 2020 19:53

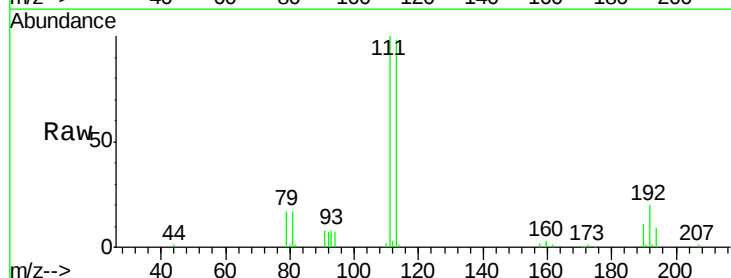
Tgt Ion:113 Resp: 96369

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 20.2 15.8 23.8



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

7.56

50000

40000

30000

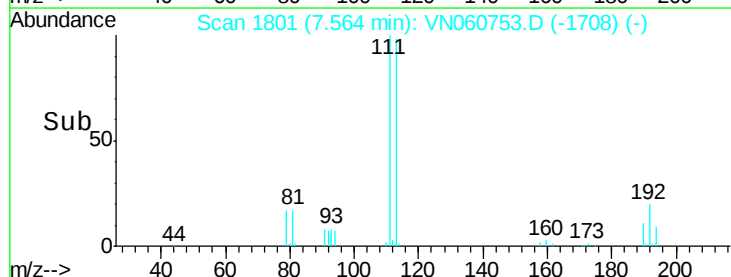
20000

10000

0

7.50 7.60

Time-->





#43

Isopropyl Acetate

Concen: 11.300 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060753.D

Acq: 27 Mar 2020 19:53

Instrument :

MSVOA_N

ClientSampled :

RO-06

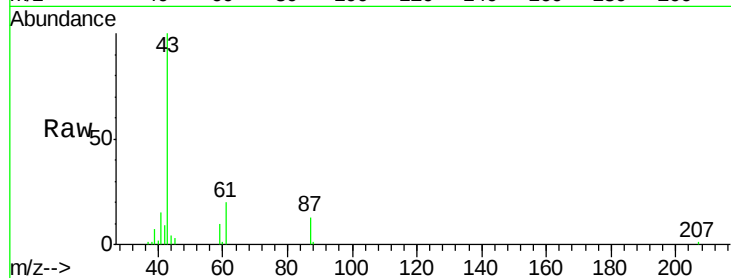
Tot Ion: 43 Resp: 62492

Ion Ratio Lower Upper

43 100

61 19.0 20.7 31.1#

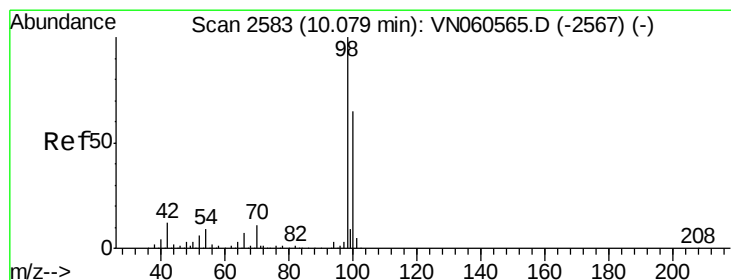
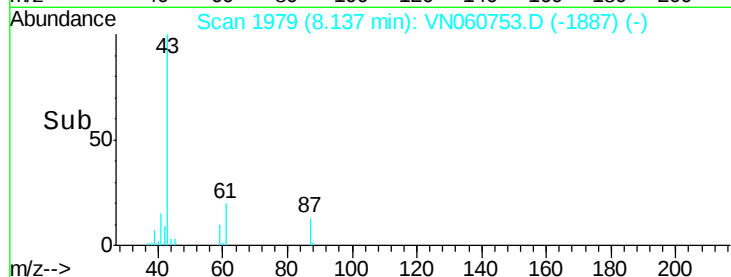
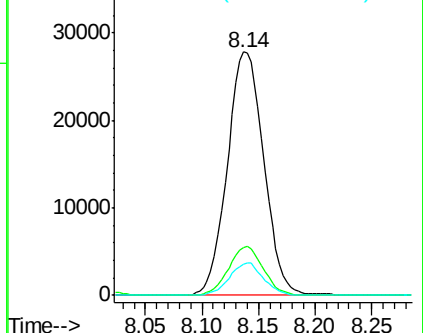
87 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060753.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060753.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060753.D (-1958) (-)



#50

Toluene-d8

Concen: 50.801 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060753.D

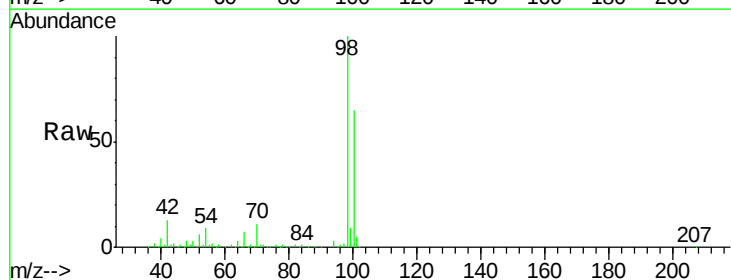
Acq: 27 Mar 2020 19:53

Tgt Ion: 98 Resp: 402131

Ion Ratio Lower Upper

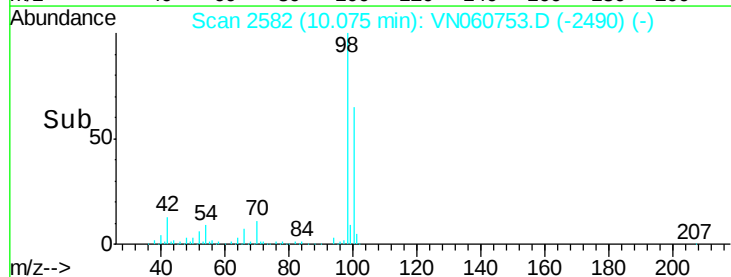
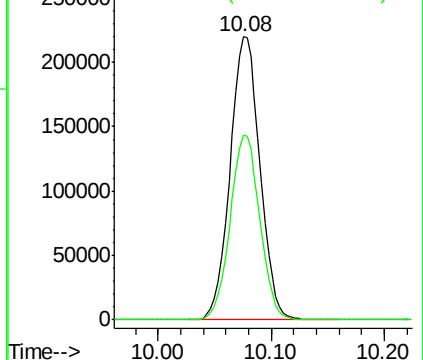
98 100

100 64.9 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060753.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060753.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 52.237 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060753.D

Acq: 27 Mar 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

RO-06

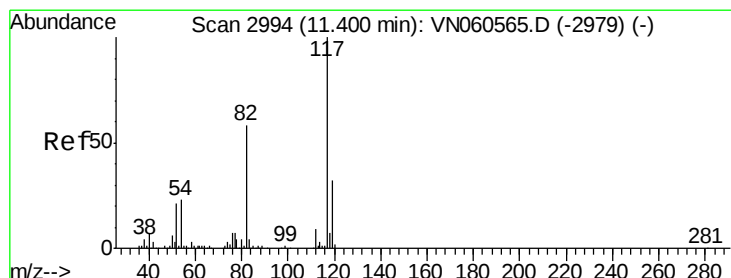
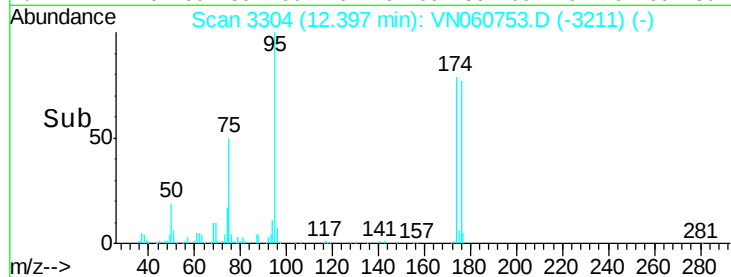
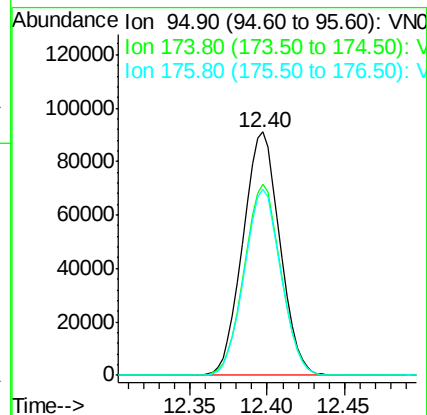
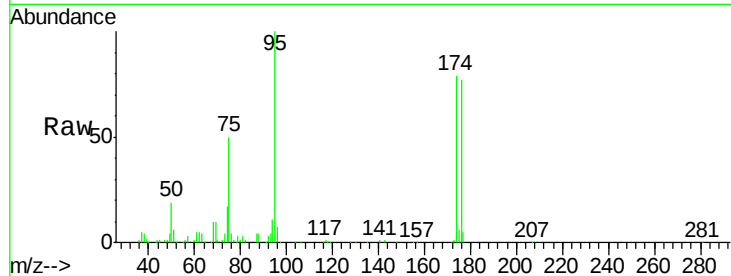
Tot Ion: 95 Resp: 151540

Ion Ratio Lower Upper

95 100

174 78.1 0.0 157.6

176 76.0 0.0 150.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060753.D

Acq: 27 Mar 2020 19:53

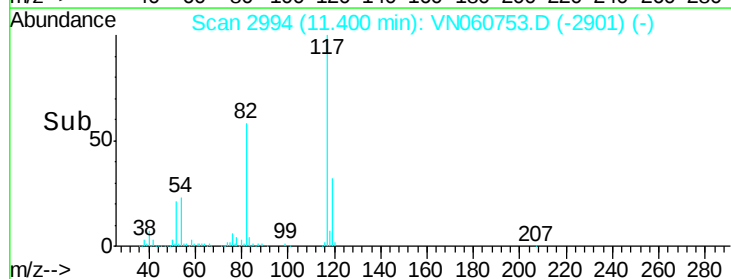
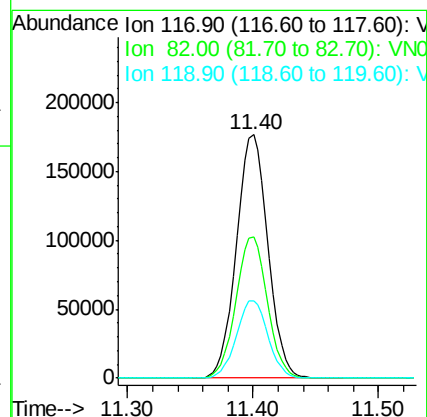
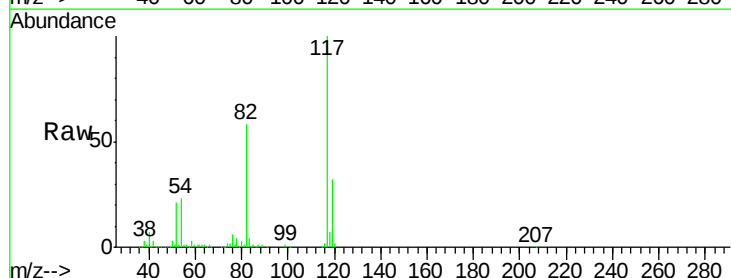
Tgt Ion: 117 Resp: 307238

Ion Ratio Lower Upper

117 100

82 58.0 46.7 70.1

119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060753.D

Acq: 27 Mar 2020 19:53

Instrument :

MSVOA_N

ClientSampleId :

RO-06

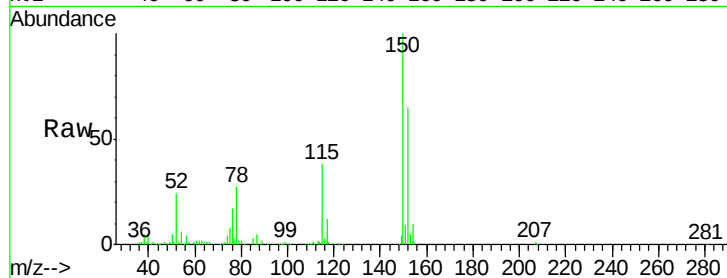
Tot Ion:152 Resp: 142151

Ion Ratio Lower Upper

152 100

115 58.6 30.2 90.6

150 157.0 0.0 350.2



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

