

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063083.D
 Acq On : 21 Aug 2020 16:15
 Operator : JC/MD
 Sample : L3506-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-082020

Quant Time: Aug 22 01:49:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

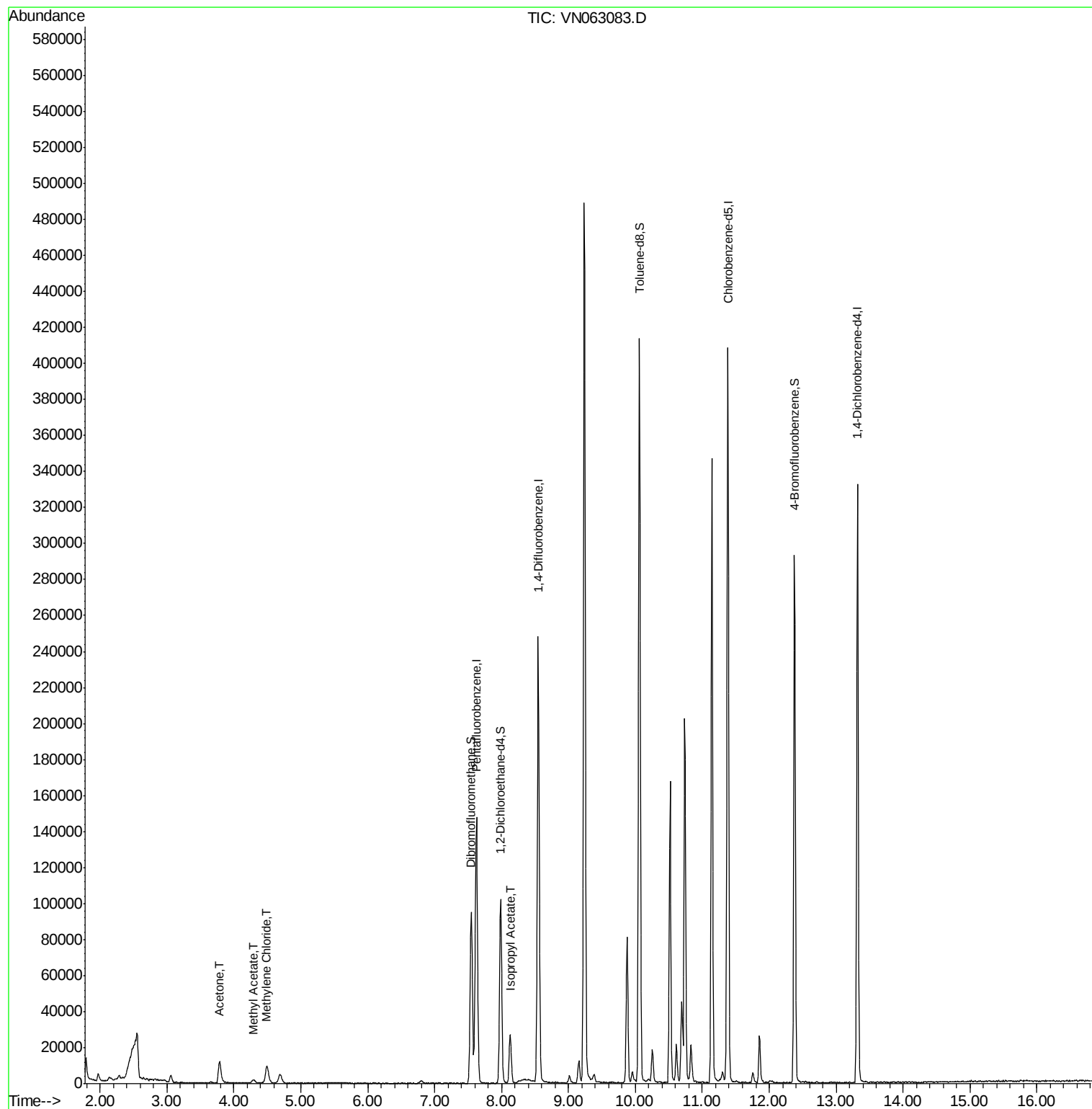
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	129209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	220407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	238691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	94473	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	88682	57.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.82%	
35) Dibromofluoromethane	7.55	113	75002	52.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.44%	
50) Toluene-d8	10.06	98	291302	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
62) 4-Bromofluorobenzene	12.38	95	102790	52.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.60%	
Target Compounds						
16) Acetone	3.79	43	22486	43.853	ug/l	96
18) Methyl Acetate	4.29	43	4103	2.696	ug/l #	70
20) Methylene Chloride	4.50	84	8530	5.119	ug/l	97
43) Isopropyl Acetate	8.13	43	32106	10.648	ug/l #	89

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082120\
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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: VN063083.D

Acq: 21 Aug 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

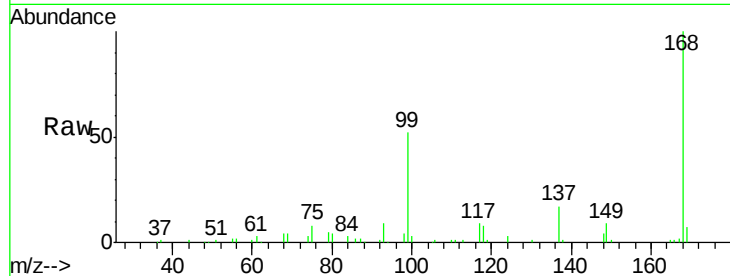
OR-03-082020

Tot Ion:168 Resp: 129209

Ion Ratio Lower Upper

168 100

99 51.8 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

60000

50000

40000

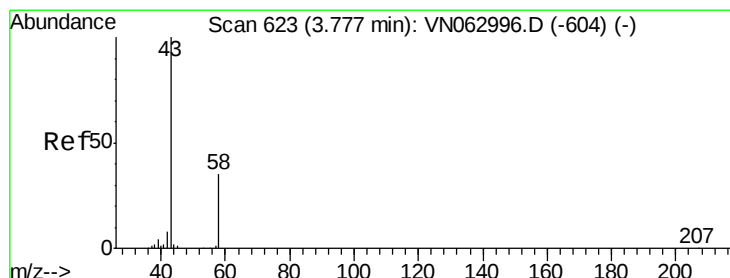
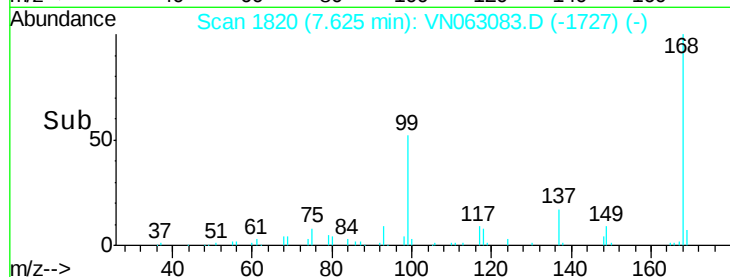
30000

20000

10000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#16

Acetone

Concen: 43.853 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN063083.D

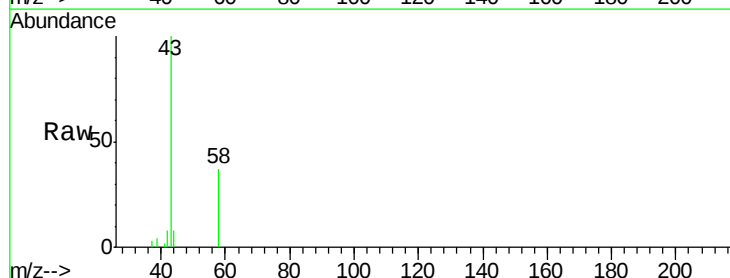
Acq: 21 Aug 2020 16:15

Tgt Ion: 43 Resp: 22486

Ion Ratio Lower Upper

43 100

58 37.0 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.79

8000

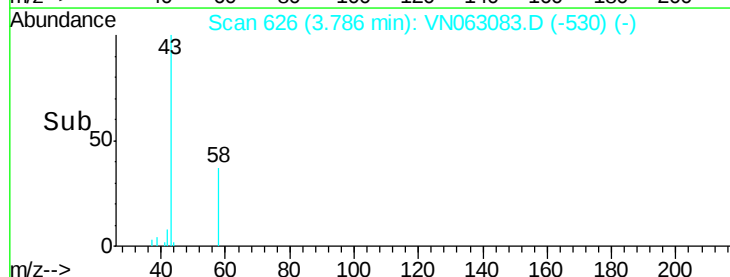
6000

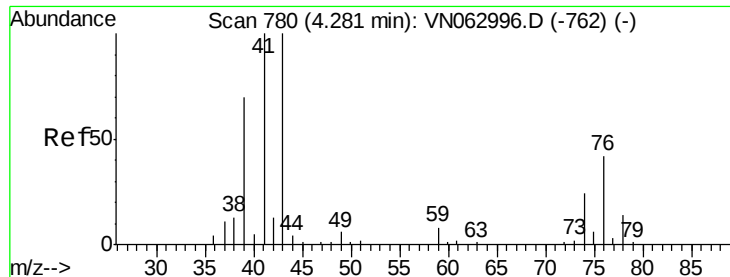
4000

2000

0

Time--> 3.70 3.75 3.80 3.85 3.90

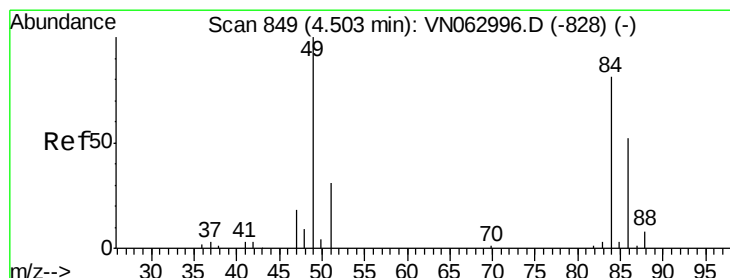
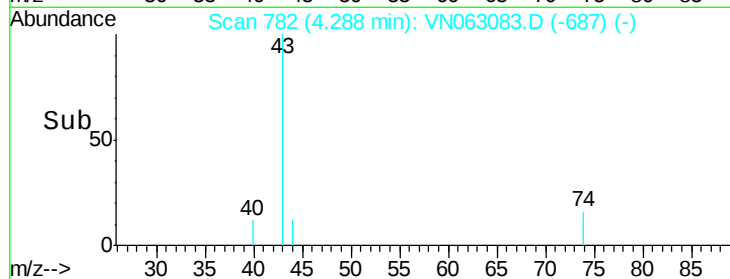
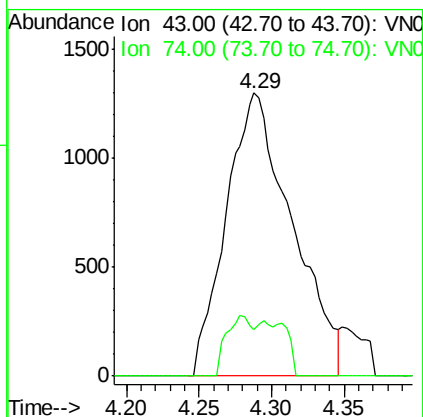
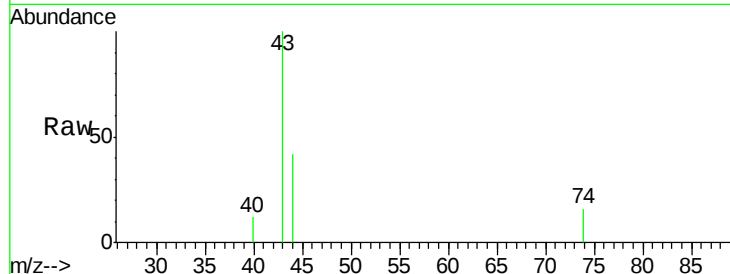




#18
Methyl Acetate
Concen: 2.696 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.01 min
Lab File: VN063083.D
Acq: 21 Aug 2020 16:15

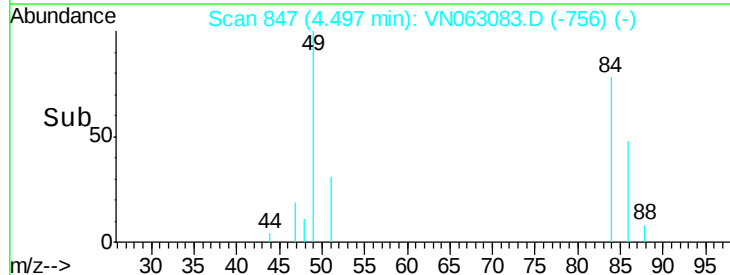
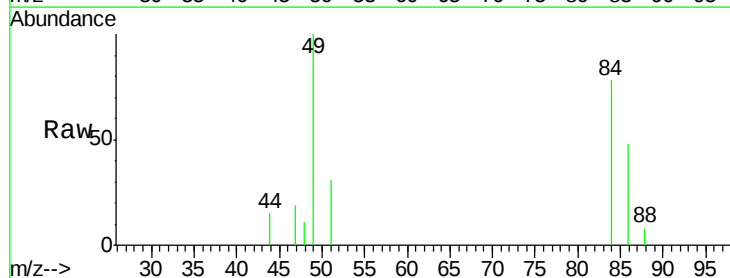
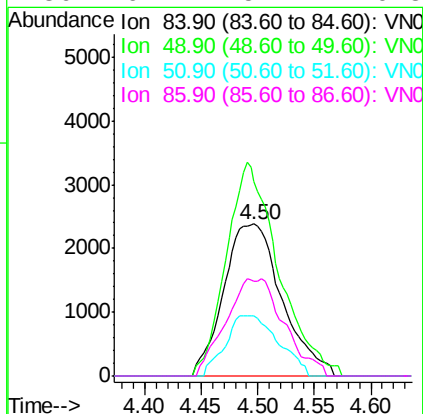
Instrument :
MSVOA_N
ClientSampled :
OR-03-082020

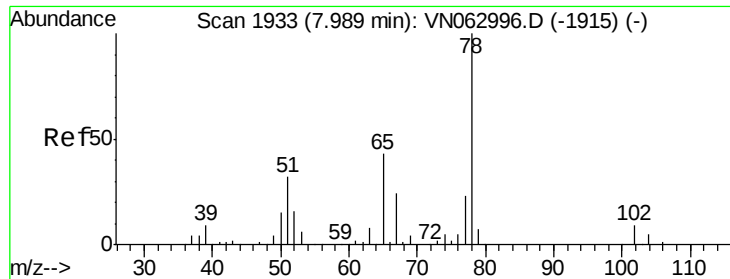
Tot Ion: 43 Resp: 4103
Ion Ratio Lower Upper
43 100
74 8.6 18.6 28.0#



#20
Methylene Chloride
Concen: 5.119 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN063083.D
Acq: 21 Aug 2020 16:15

Tgt Ion: 84 Resp: 8530
Ion Ratio Lower Upper
84 100
49 128.1 98.7 148.1
51 39.2 30.8 46.2
86 62.1 51.2 76.8

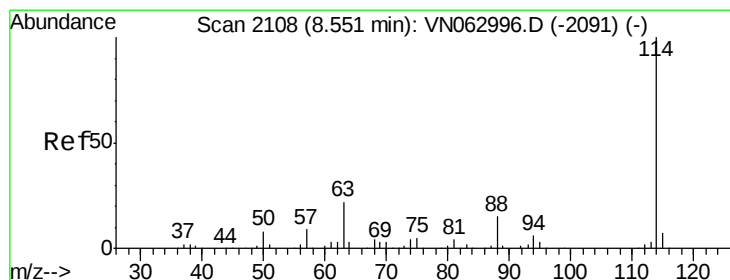
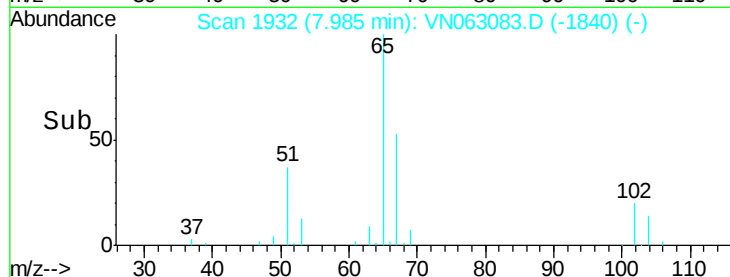
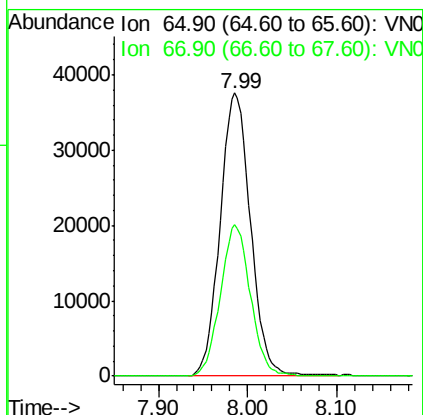
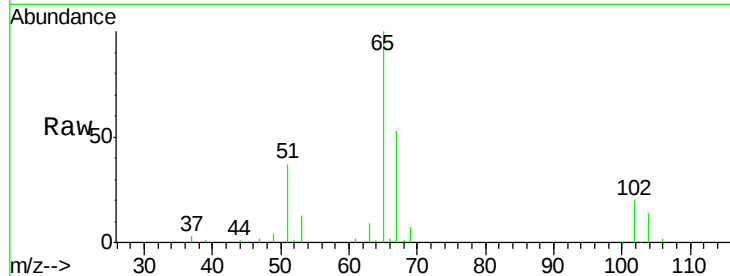




#33
 1,2-Dichloroethane-d4
 Concen: 57.910 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063083.D
 Acq: 21 Aug 2020 16:15

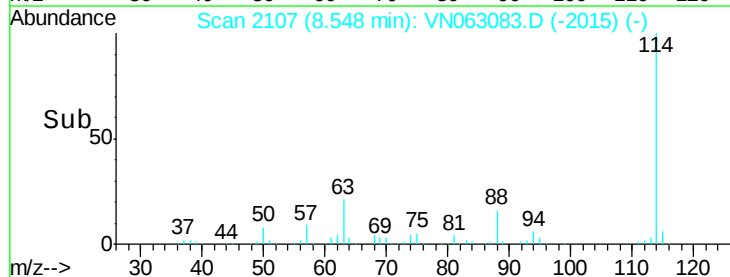
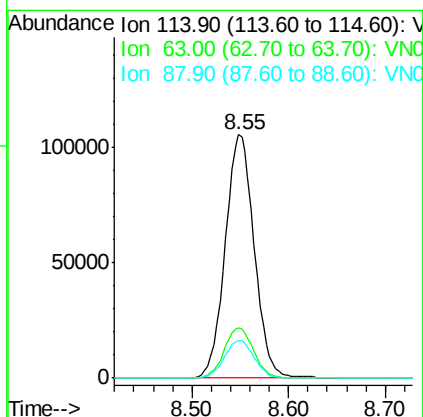
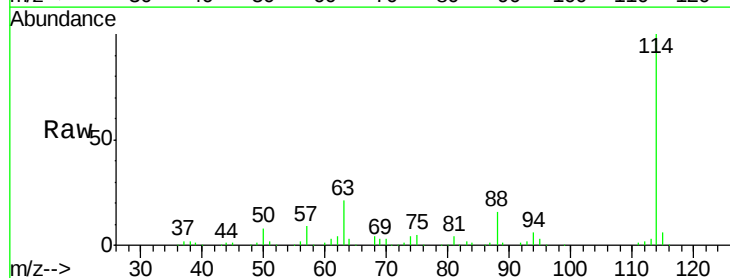
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-082020

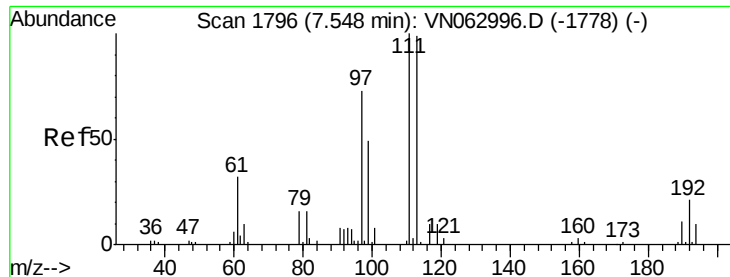
Tot Ion: 65 Resp: 88682
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063083.D
 Acq: 21 Aug 2020 16:15

Tgt Ion: 114 Resp: 220407
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.2
 88 15.7 0.0 30.6

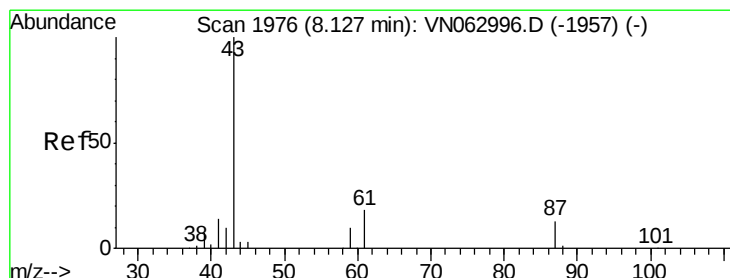
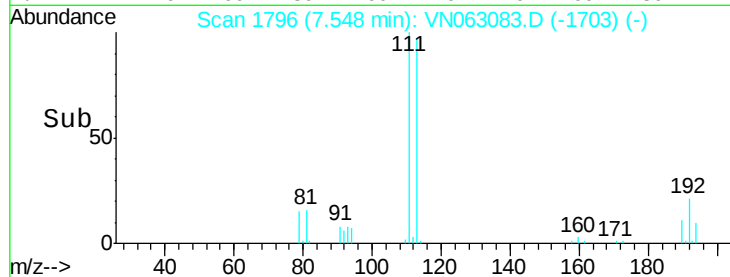
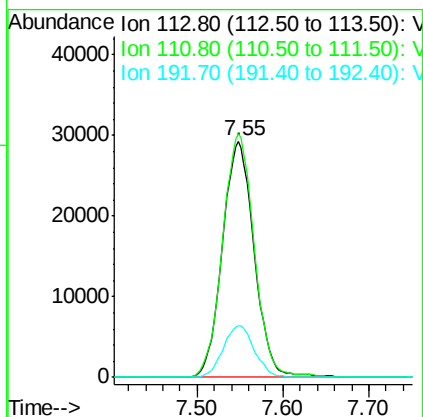
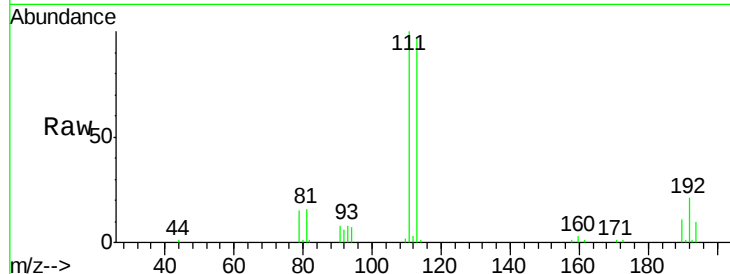




#35
 Dibromofluoromethane
 Concen: 52.224 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN063083.D
 Acq: 21 Aug 2020 16:15

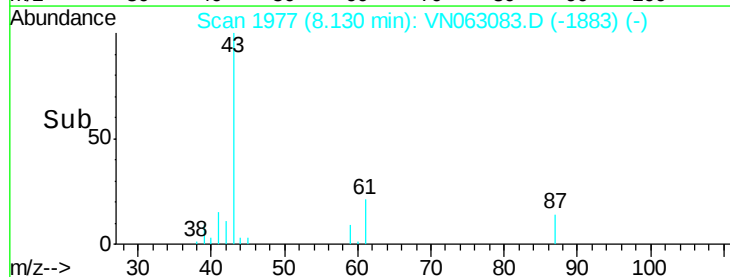
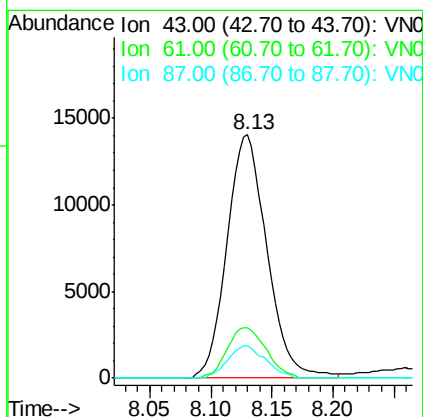
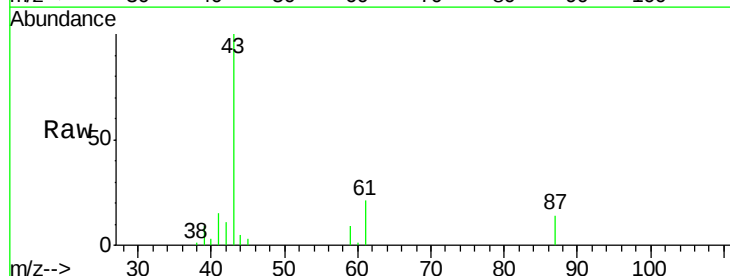
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-082020

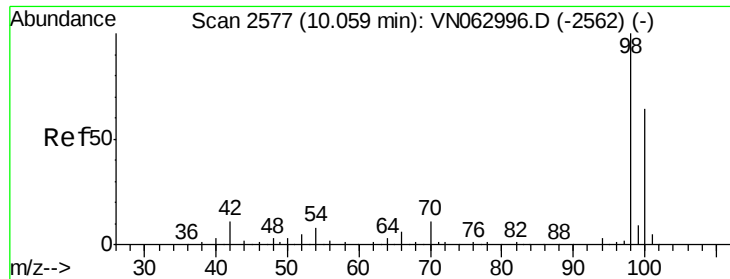
Tot Ion:113 Resp: 75002
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.7 122.5
 192 21.2 17.5 26.3



#43
 Isopropyl Acetate
 Concen: 10.648 ug/l
 RT: 8.13 min Scan# 1977
 Delta R.T. 0.00 min
 Lab File: VN063083.D
 Acq: 21 Aug 2020 16:15

Tgt Ion: 43 Resp: 32106
 Ion Ratio Lower Upper
 43 100
 61 20.3 22.6 33.8#
 87 12.5 10.5 15.7





#50

Toluene-d8

Concen: 52.807 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063083.D

Acq: 21 Aug 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

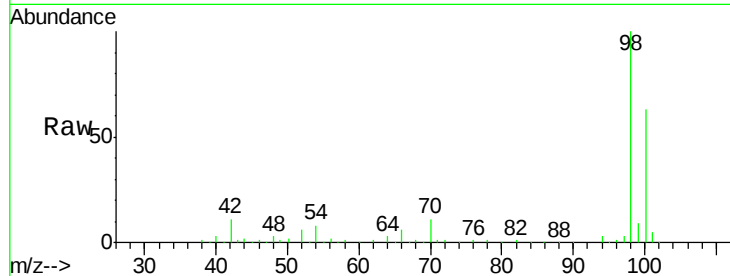
OR-03-082020

Tot Ion: 98 Resp: 291302

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN062996.D (-2562) (-)

Ion 100.00 (99.70 to 100.70): VN062996.D (-2562) (-)

10.06

150000

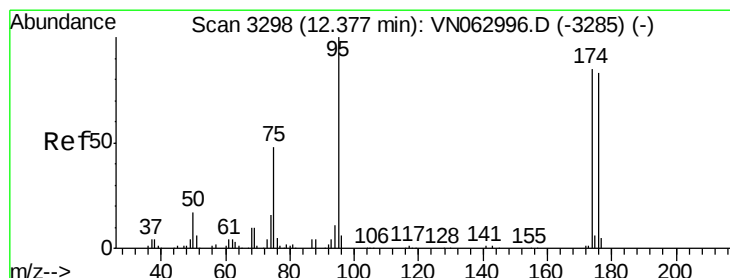
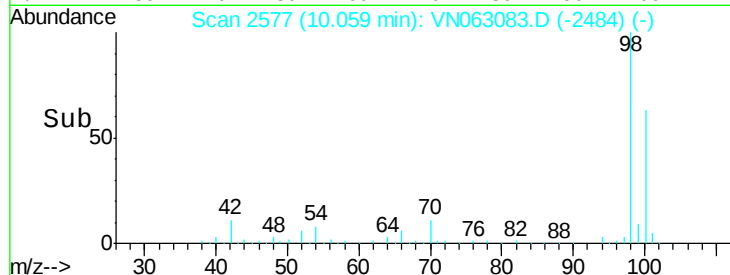
100000

50000

0

Time-->

10.00 10.10 10.20



#62

4-Bromofluorobenzene

Concen: 52.804 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063083.D

Acq: 21 Aug 2020 16:15

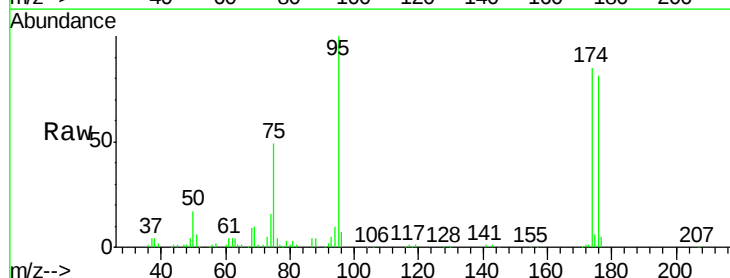
Tgt Ion: 95 Resp: 102790

Ion Ratio Lower Upper

95 100

174 86.3 0.0 170.8

176 82.8 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

Ion 173.80 (173.50 to 174.50): VN062996.D (-3285) (-)

Ion 175.80 (175.50 to 176.50): VN062996.D (-3285) (-)

12.38

80000

60000

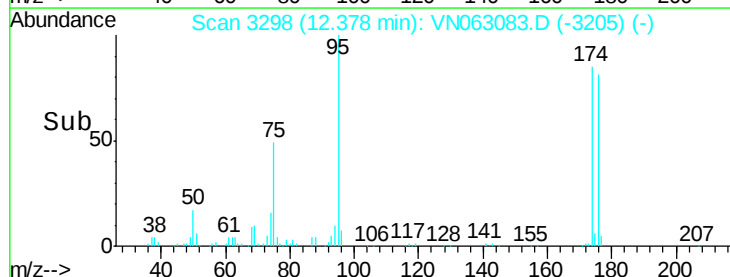
40000

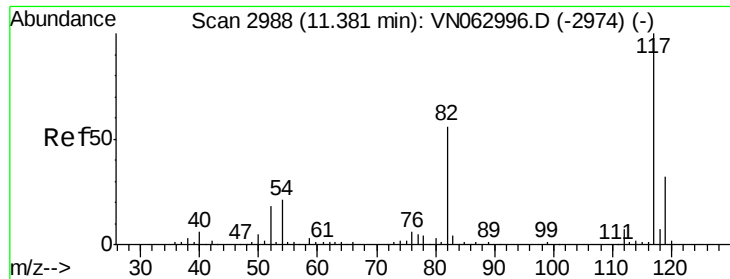
20000

0

Time-->

12.30 12.35 12.40 12.45





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063083.D

Acq: 21 Aug 2020 16:15

Instrument :

MSVOA_N

ClientSampleId :

OR-03-082020

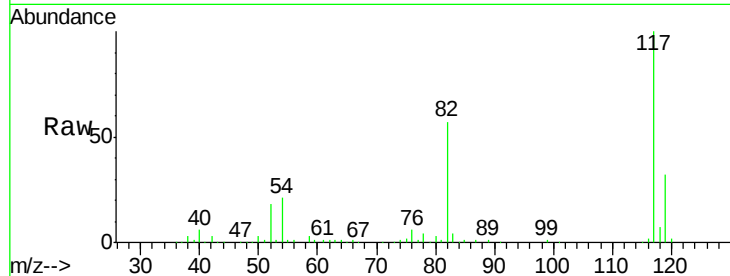
Tot Ion:117 Resp: 238691

Ion Ratio Lower Upper

117 100

82 56.7 44.5 66.7

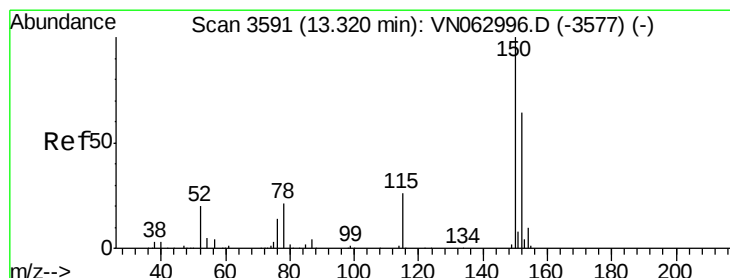
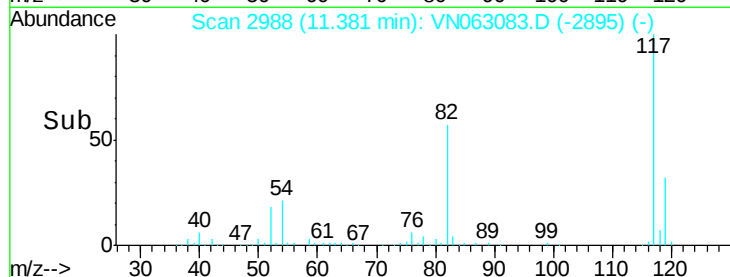
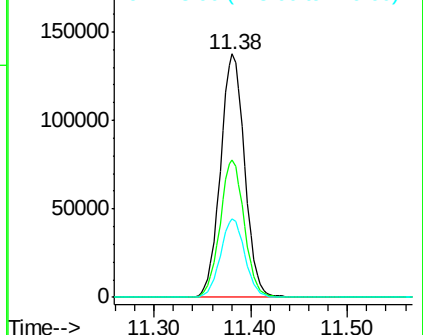
119 32.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN063083.D

Acq: 21 Aug 2020 16:15

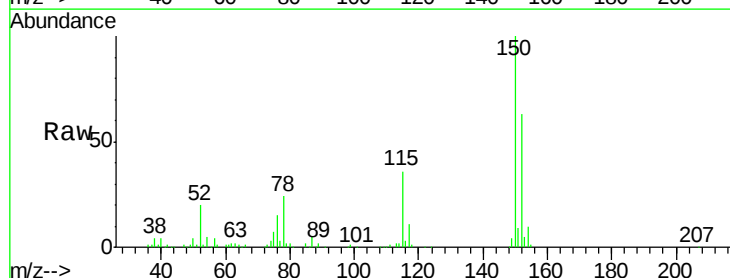
Tgt Ion:152 Resp: 94473

Ion Ratio Lower Upper

152 100

115 55.5 28.7 86.3

150 155.8 0.0 348.8



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

