

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082120\
 Data File : VN063082.D
 Acq On : 21 Aug 2020 15:51
 Operator : JC/MD
 Sample : PB131121TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131121TB

Quant Time: Aug 22 01:46:55 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

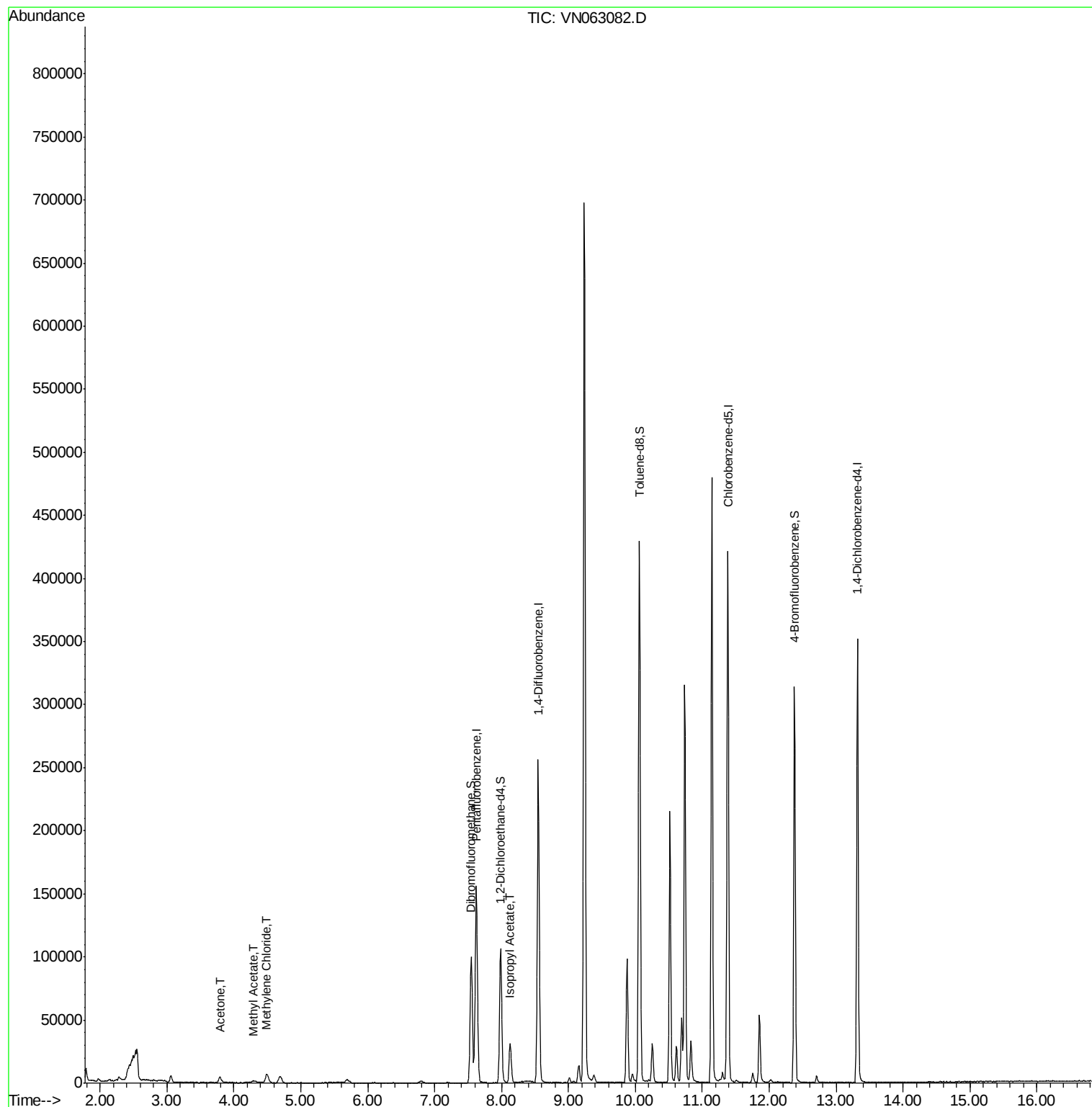
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	132686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	228965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	249224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	98082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	90160	57.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.66%	
35) Dibromofluoromethane	7.55	113	76828	51.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.00%	
50) Toluene-d8	10.06	98	301514	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.22%	
62) 4-Bromofluorobenzene	12.38	95	107348	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
Target Compounds						
16) Acetone	3.79	43	8940	14.536	ug/l	88
18) Methyl Acetate	4.29	43	3248	2.078	ug/l #	67
20) Methylene Chloride	4.50	84	5882	2.987	ug/l	92
43) Isopropyl Acetate	8.13	43	38370	12.250	ug/l #	88

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

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Quant Title : SW846 8260
QLast Update : Wed Aug 19 06:09:27 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN063082.D

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MSVOA_N

ClientSampleId :

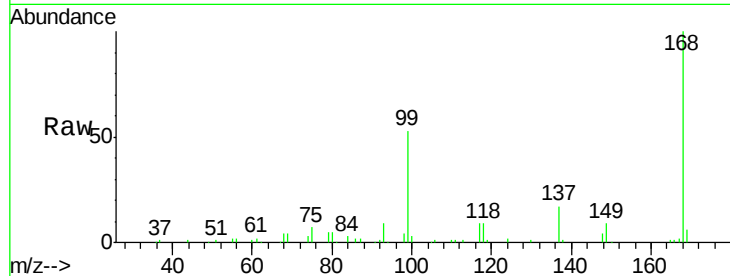
PB131121TB

Tot Ion:168 Resp: 132686

Ion Ratio Lower Upper

168 100

99 53.4 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

60000

50000

40000

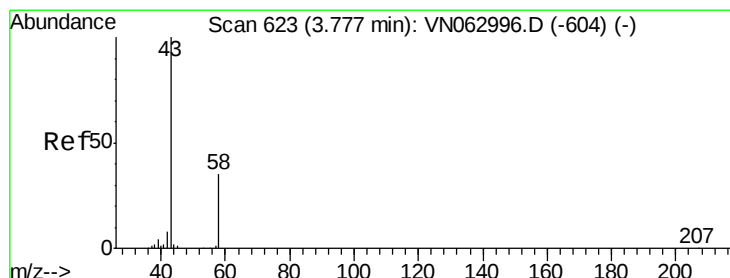
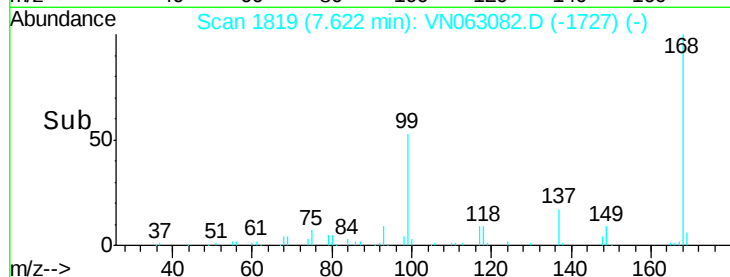
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 14.536 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.02 min

Lab File: VN063082.D

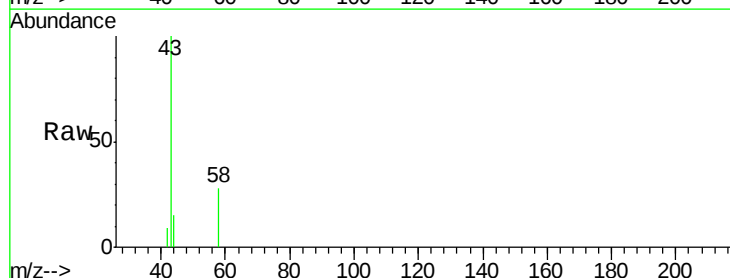
Acq: 21 Aug 2020 15:51

Tgt Ion: 43 Resp: 8940

Ion Ratio Lower Upper

43 100

58 27.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.79

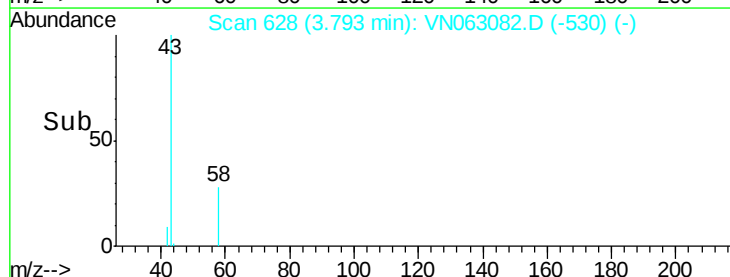
3000

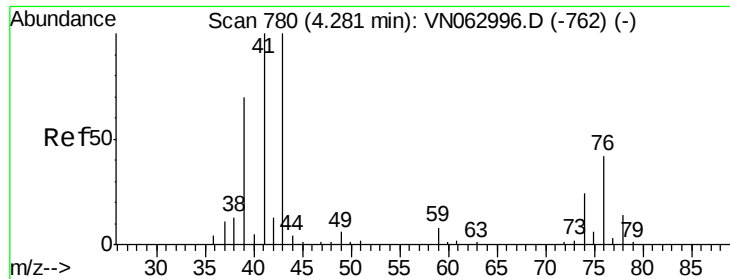
2000

1000

0

Time--> 3.70 3.75 3.80 3.85 3.90

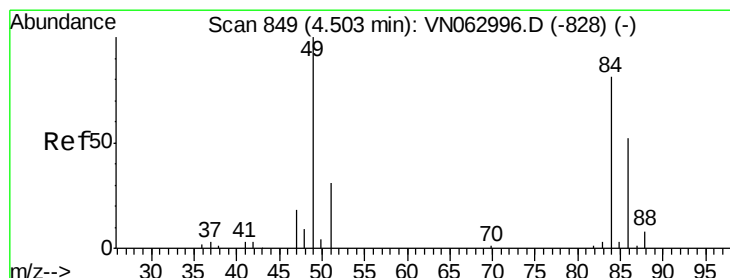
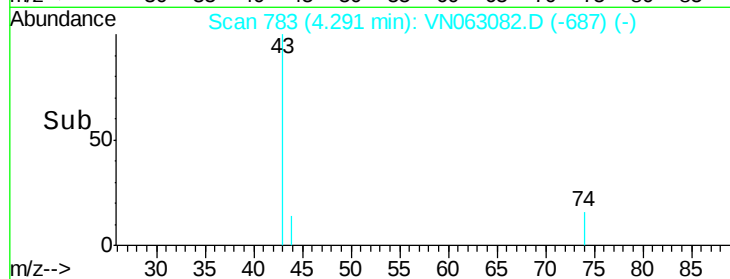
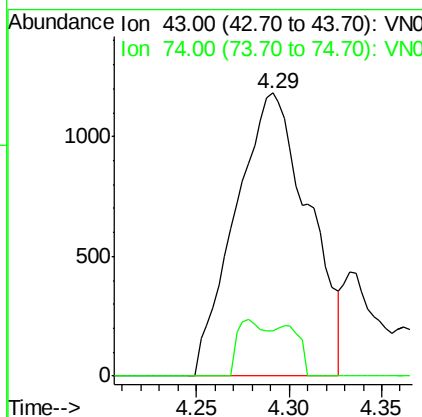
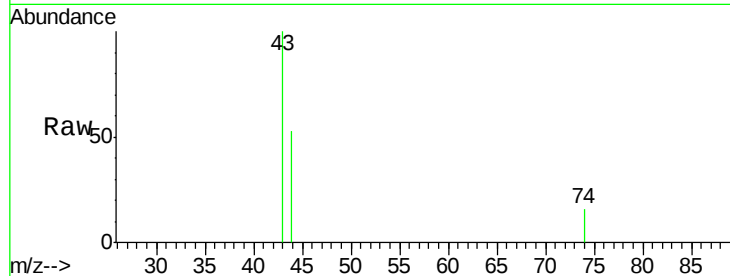




#18
Methvl Acetate
Concen: 2.078 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.01 min
Lab File: VN063082.D
Acq: 21 Aug 2020 15:51

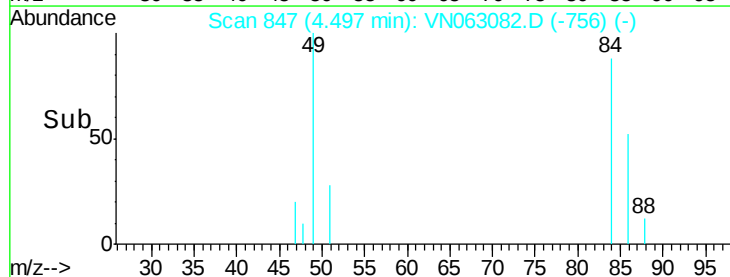
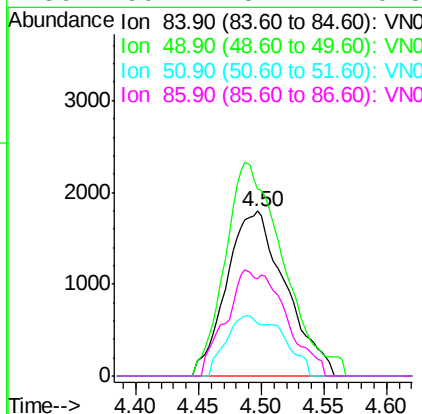
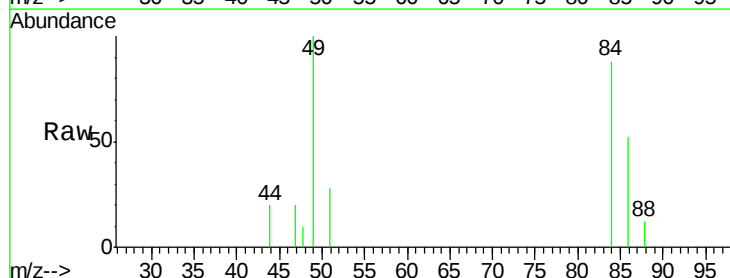
Instrument :
MSVOA_N
ClientSampled :
PB131121TB

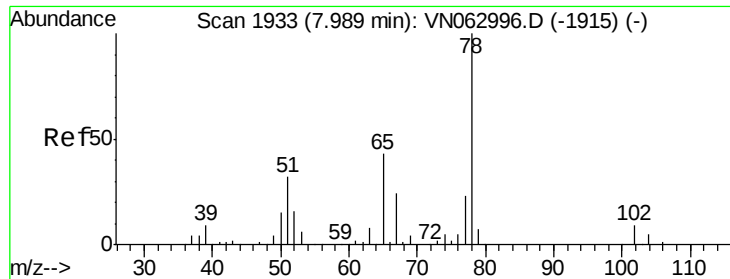
Tot Ion: 43 Resp: 3248
Ion Ratio Lower Upper
43 100
74 7.4 18.6 28.0#



#20
Methylene Chloride
Concen: 2.987 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN063082.D
Acq: 21 Aug 2020 15:51

Tgt Ion: 84 Resp: 5882
Ion Ratio Lower Upper
84 100
49 113.9 98.7 148.1
51 32.2 30.8 46.2
86 59.4 51.2 76.8

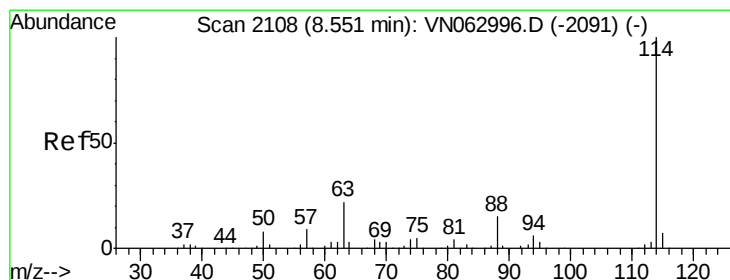
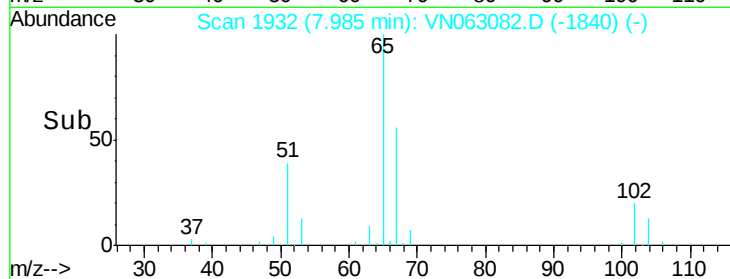
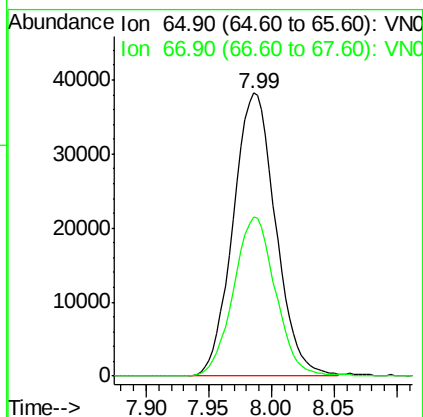
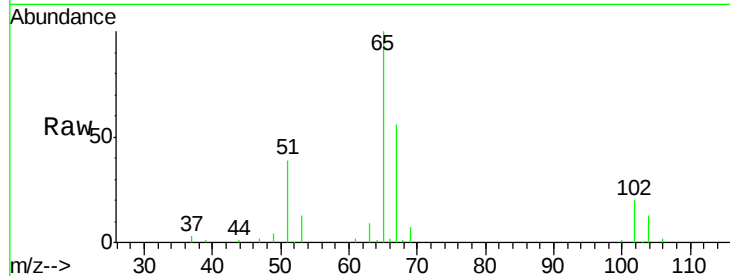




#33
 1,2-Dichloroethane-d4
 Concen: 57.333 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063082.D
 Acq: 21 Aug 2020 15:51

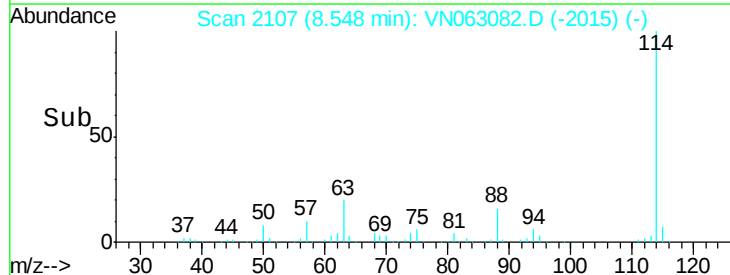
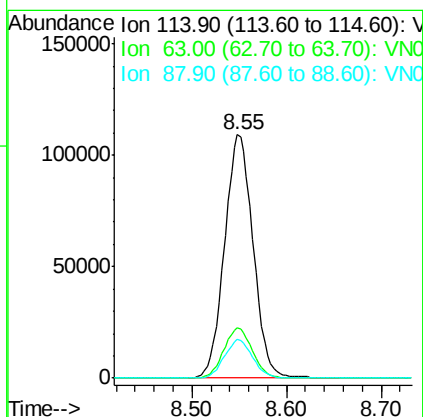
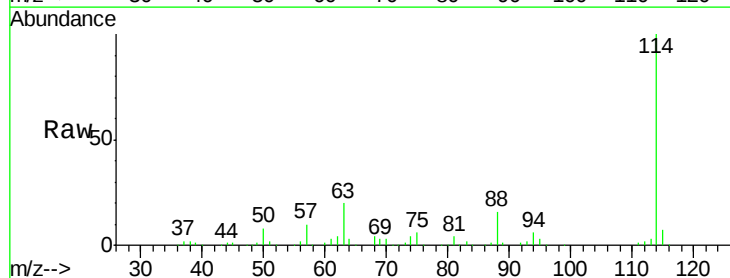
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131121TB

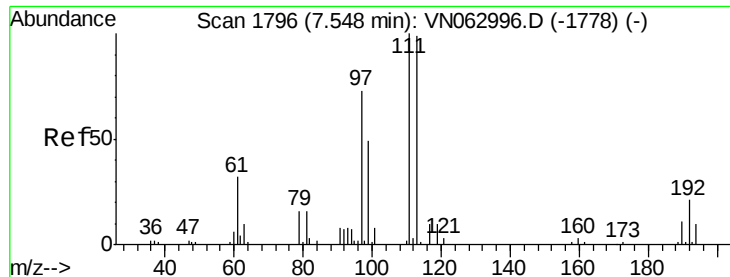
Tot Ion: 65 Resp: 90160
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063082.D
 Acq: 21 Aug 2020 15:51

Tgt Ion: 114 Resp: 228965
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 15.7 0.0 30.6

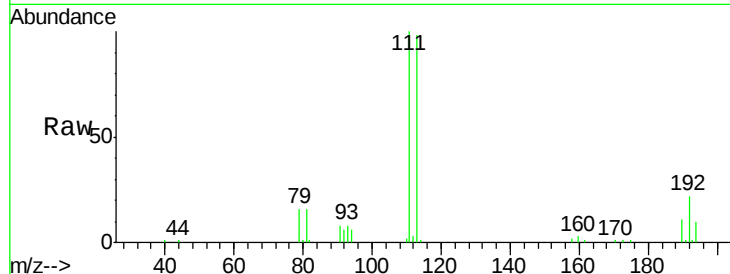




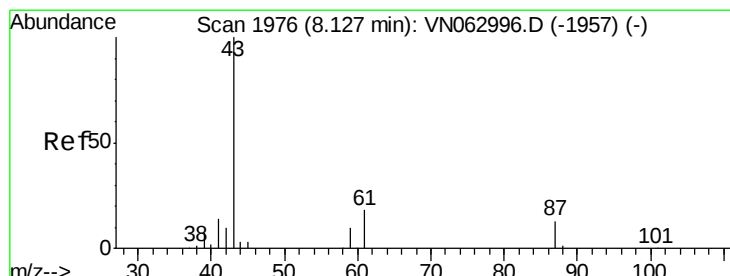
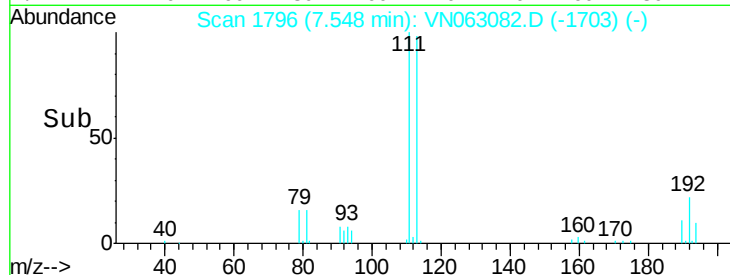
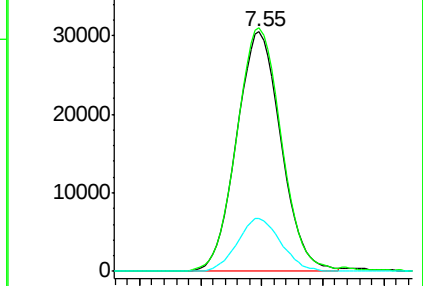
#35
 Dibromofluoromethane
 Concen: 51.496 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN063082.D
 Acq: 21 Aug 2020 15:51

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131121TB

Tot Ion:113 Resp: 76828
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.7 122.5
 192 21.5 17.5 26.3

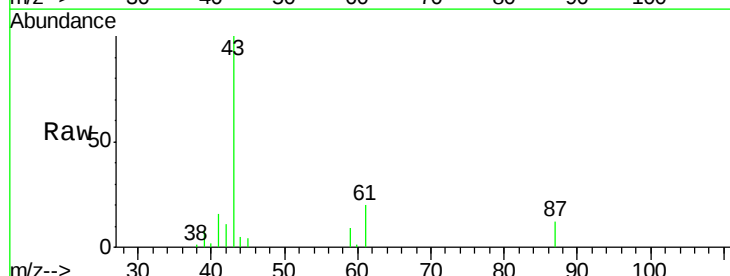


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

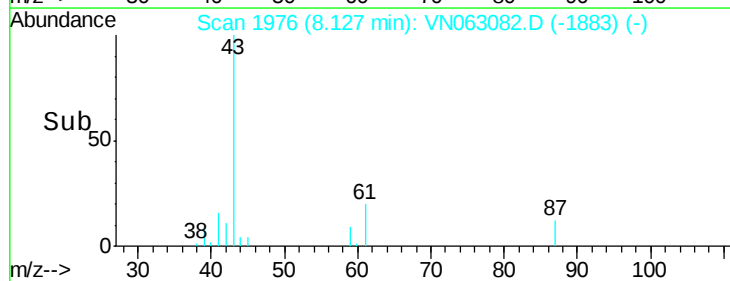
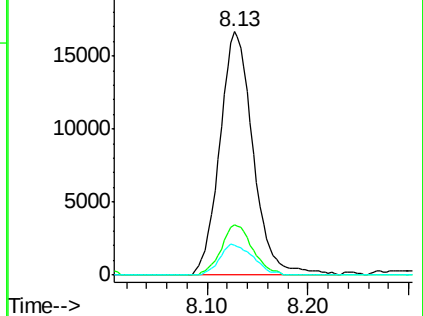


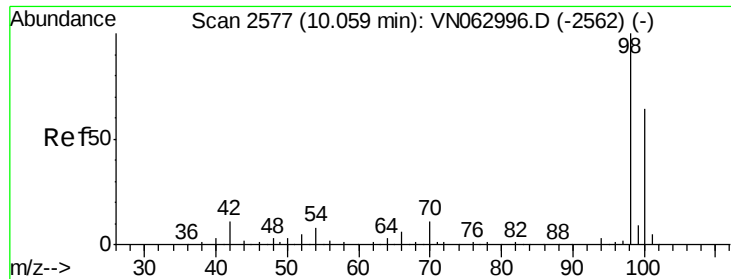
#43
 Isopropyl Acetate
 Concen: 12.250 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN063082.D
 Acq: 21 Aug 2020 15:51

Tgt Ion: 43 Resp: 38370
 Ion Ratio Lower Upper
 43 100
 61 19.4 22.6 33.8#
 87 12.6 10.5 15.7



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 52.615 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN063082.D

Acq: 21 Aug 2020 15:51

Instrument :

MSVOA_N

ClientSampleId :

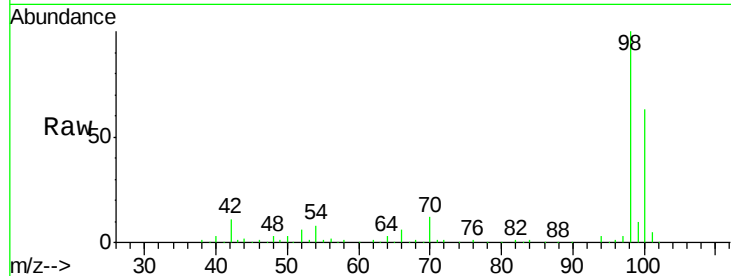
PB131121TB

Tot Ion: 98 Resp: 301514

Ion Ratio Lower Upper

98 100

100 63.7 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

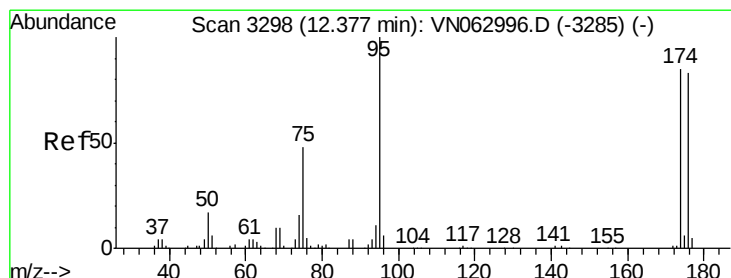
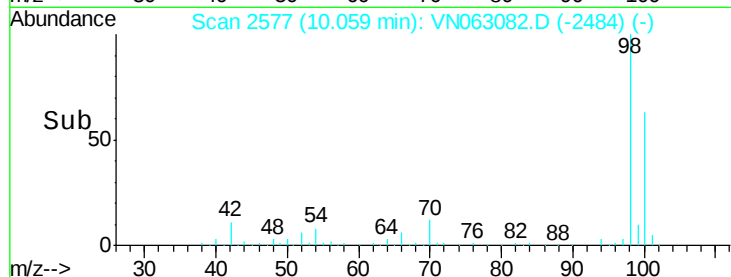
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.084 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN063082.D

Acq: 21 Aug 2020 15:51

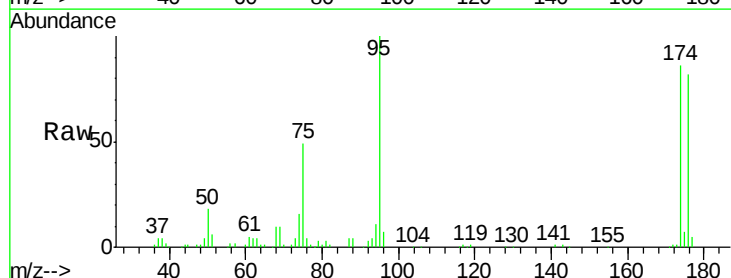
Tgt Ion: 95 Resp: 107348

Ion Ratio Lower Upper

95 100

174 86.7 0.0 170.8

176 83.2 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

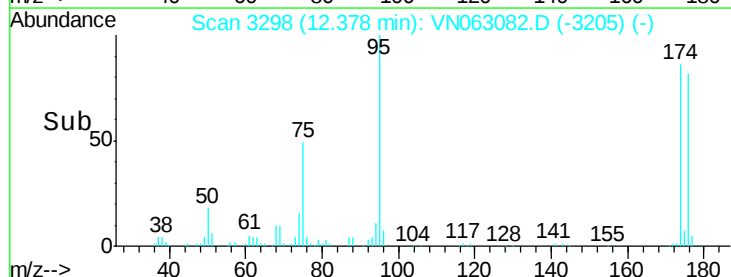
60000

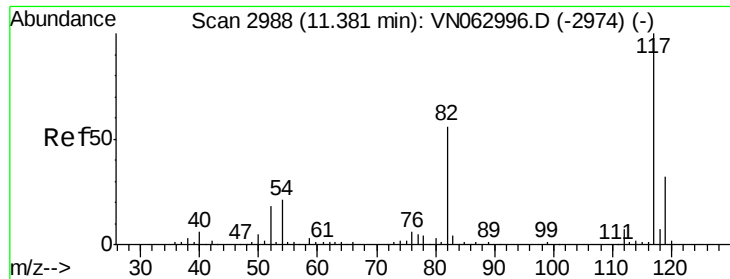
40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN063082.D

Acq: 21 Aug 2020 15:51

Instrument :

MSVOA_N

ClientSampleId :

PB131121TB

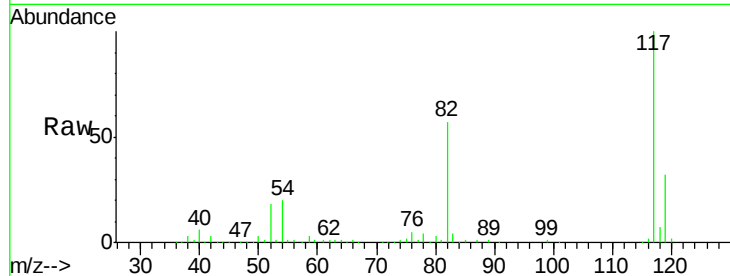
Tot Ion:117 Resp: 249224

Ion Ratio Lower Upper

117 100

82 56.6 44.5 66.7

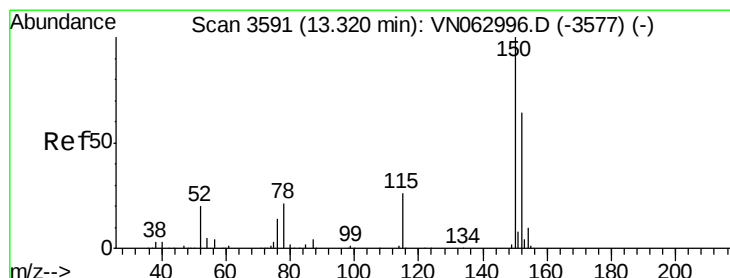
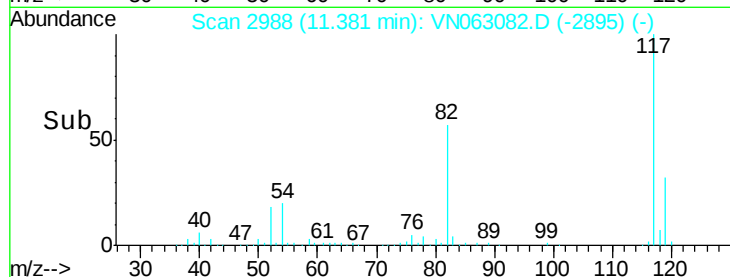
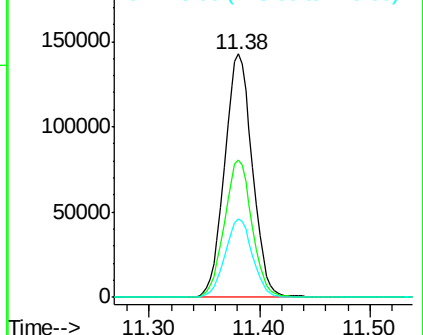
119 32.0 25.5 38.3



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: VN063082.D

Acq: 21 Aug 2020 15:51

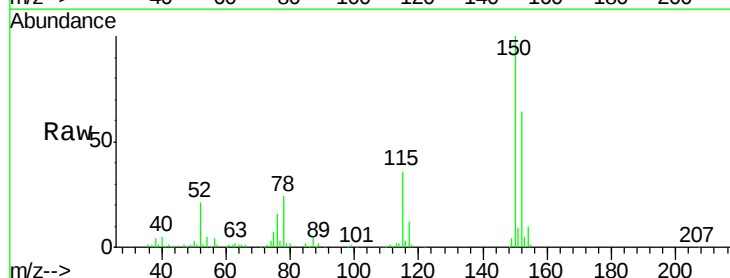
Tgt Ion:152 Resp: 98082

Ion Ratio Lower Upper

152 100

115 56.2 28.7 86.3

150 157.6 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

