

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081920\
 Data File : VN063015.D
 Acq On : 19 Aug 2020 16:21
 Operator : JC/MD
 Sample : PB131049TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB131049TB

Quant Time: Aug 20 02:29:24 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

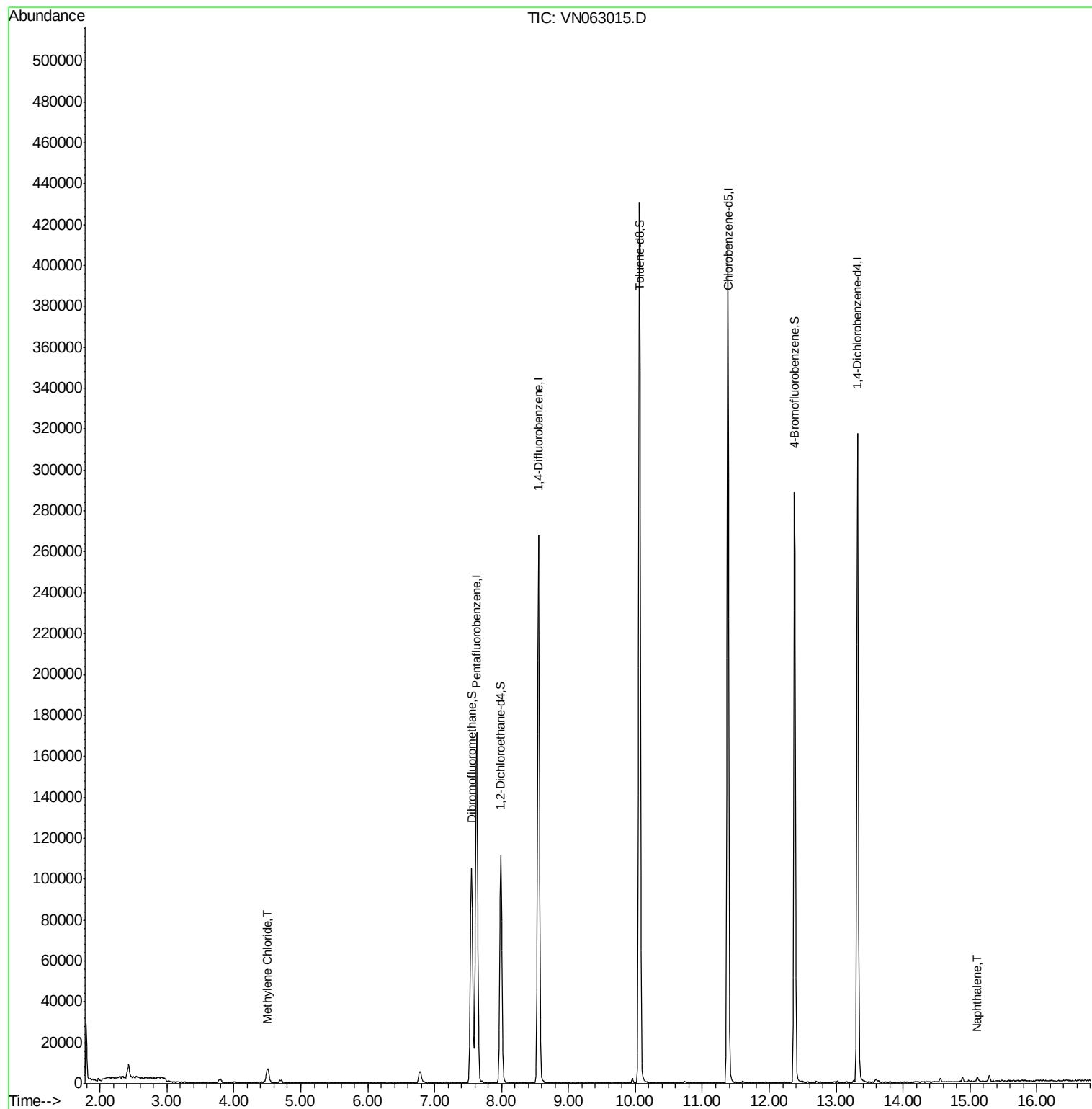
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	147155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	242302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248100	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	90674	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95583	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
35) Dibromofluoromethane	7.55	113	82261	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
50) Toluene-d8	10.06	98	308775	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.38	95	103204	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
Target Compounds						
20) Methylene Chloride	4.51	84	5454	2.272	ug/l	92
95) Naphthalene	15.11	128	3255	6.440	ug/l #	86

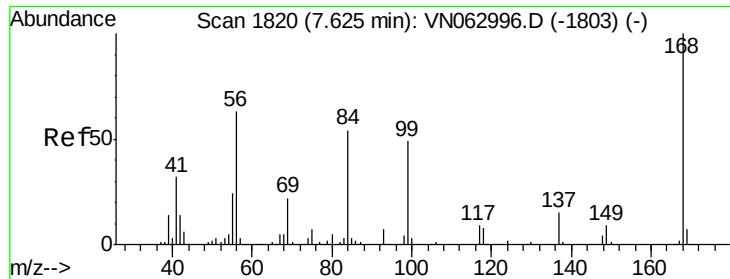
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 16:21

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MSVOA_N

ClientSampleId :

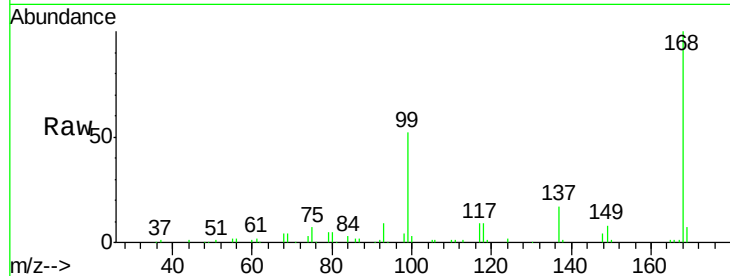
PB131049TB

Tot Ion:168 Resp: 147155

Ion Ratio Lower Upper

168 100

99 52.5 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

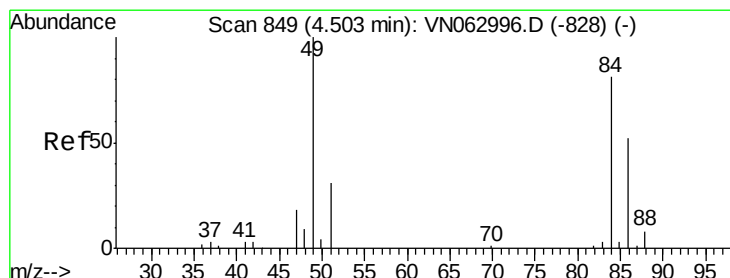
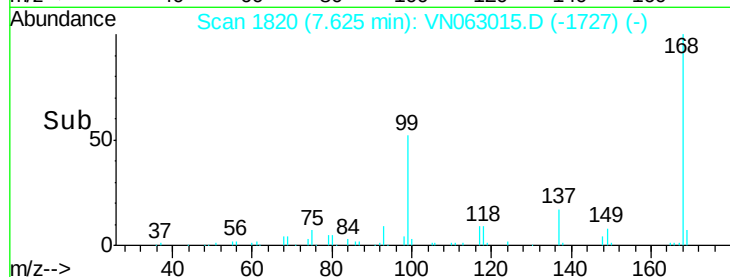
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#20

Methylene Chloride

Concen: 2.272 ug/l

RT: 4.51 min Scan# 850

Delta R.T. 0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 16:21

Tgt Ion: 84 Resp: 5454

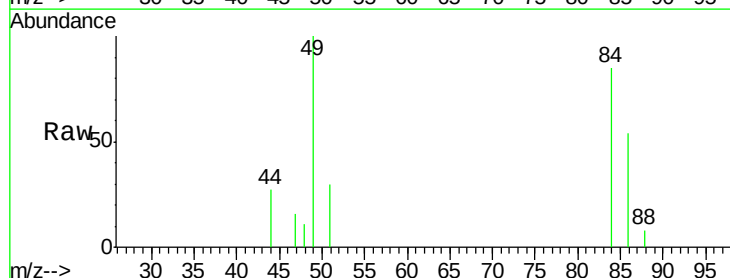
Ion Ratio Lower Upper

84 100

49 109.1 98.7 148.1

51 35.3 30.8 46.2

86 63.6 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VN

Ion 48.90 (48.60 to 49.60): VN

Ion 50.90 (50.60 to 51.60): VN

Ion 85.90 (85.60 to 86.60): VN

4.51

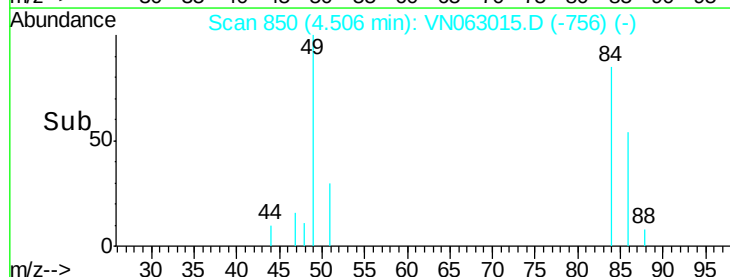
3000

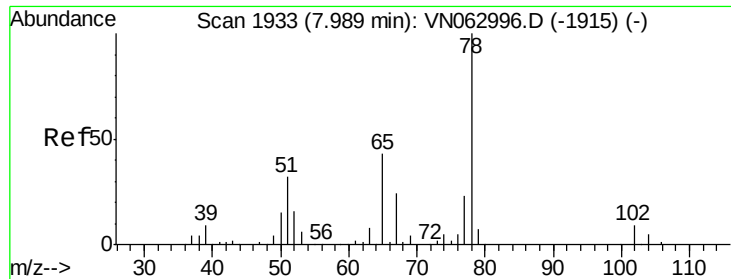
2000

1000

0

Time--> 4.45 4.50 4.55

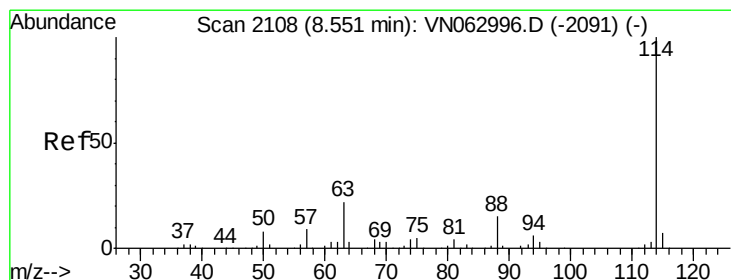
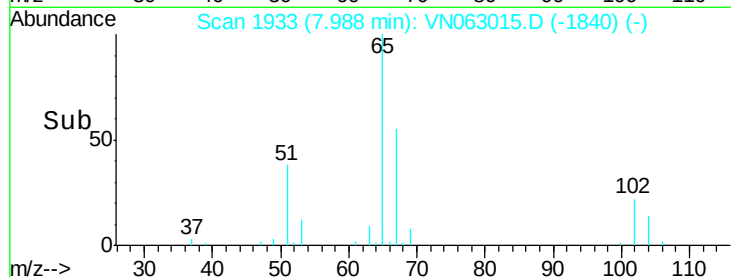
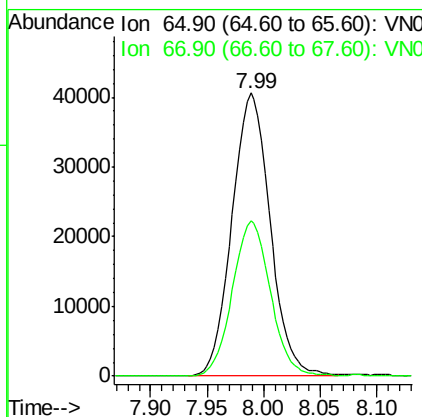
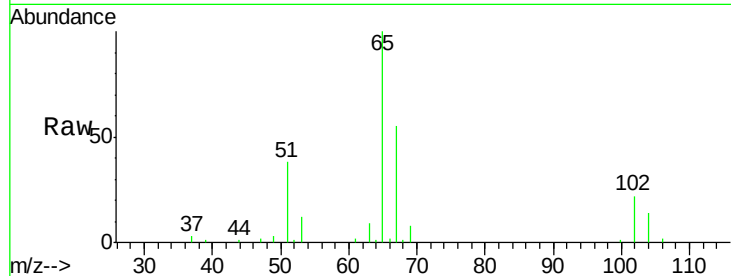




#33
 1,2-Dichloroethane-d4
 Concen: 54.805 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 16:21

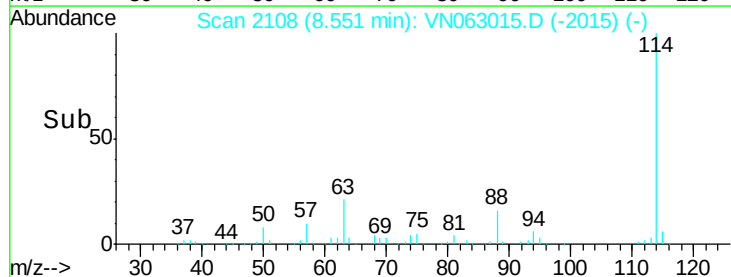
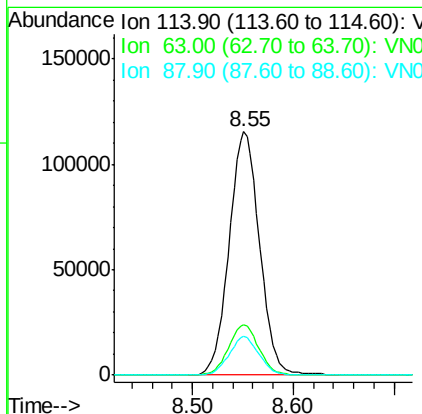
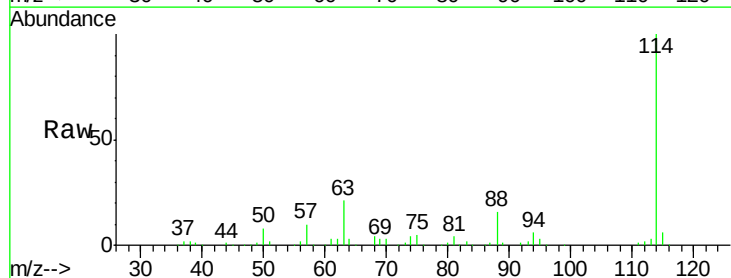
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131049TB

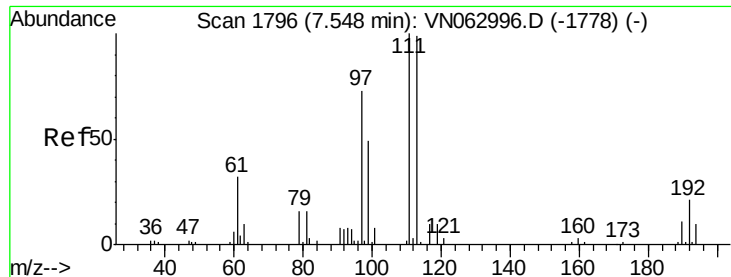
Tot Ion: 65 Resp: 95583
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 16:21

Tgt Ion: 114 Resp: 242302
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.2
 88 15.9 0.0 30.6

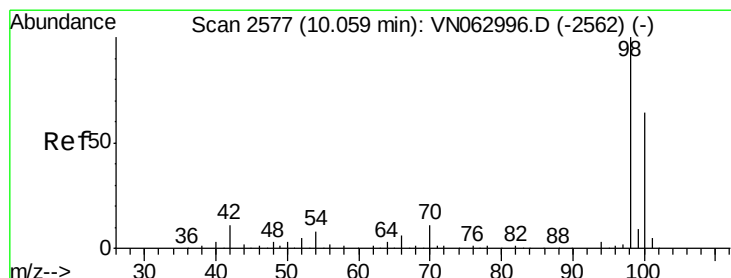
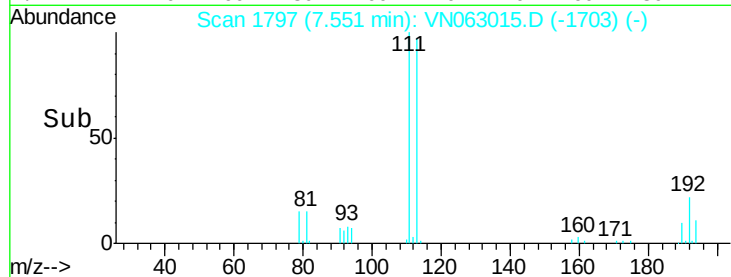
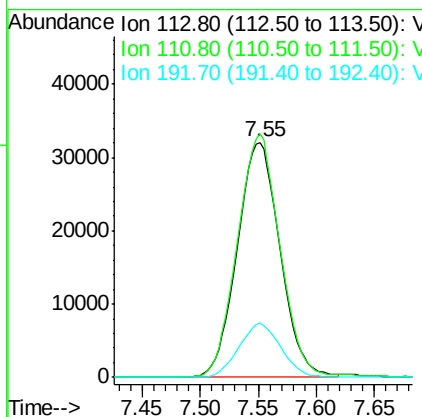
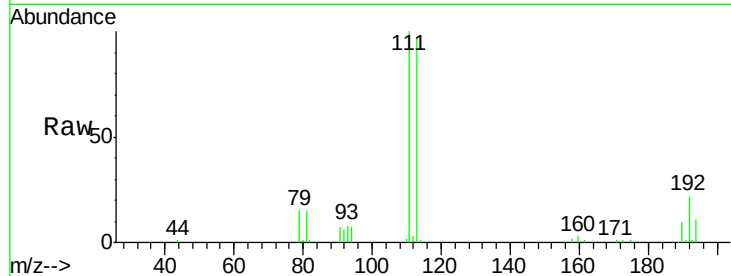




#35
 Dibromofluoromethane
 Concen: 52.102 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 16:21

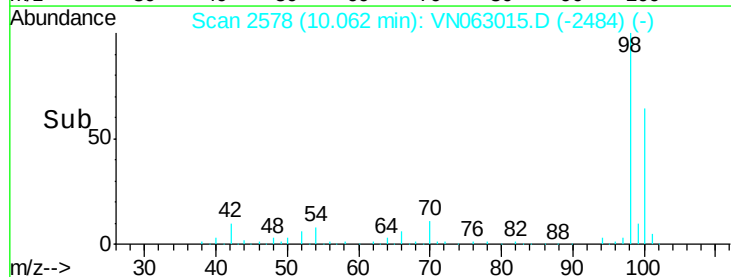
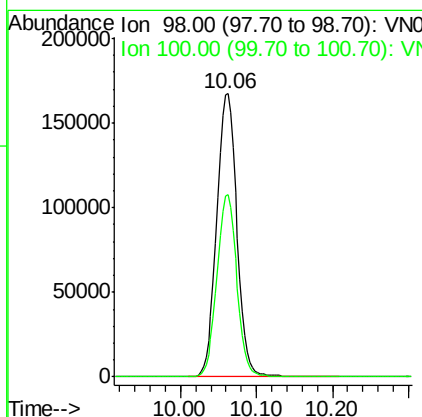
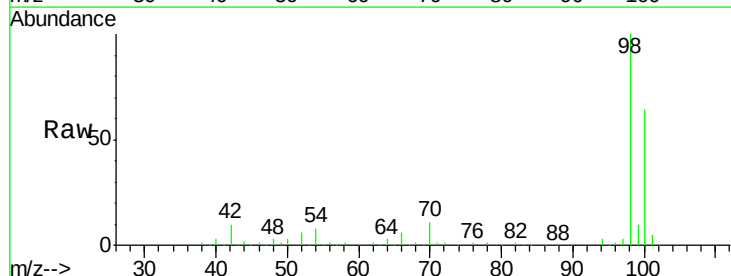
Instrument :
 MSVOA_N
 ClientSampleId :
 PB131049TB

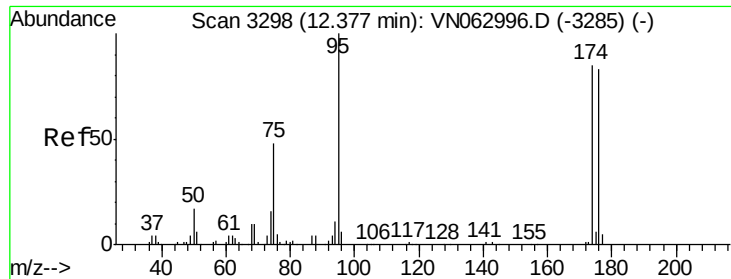
Tot Ion:113 Resp: 82261
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.7 122.5
 192 22.3 17.5 26.3



#50
 Toluene-d8
 Concen: 50.916 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN063015.D
 Acq: 19 Aug 2020 16:21

Tgt Ion: 98 Resp: 308775
 Ion Ratio Lower Upper
 98 100
 100 63.3 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 48.226 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 16:21

Instrument :

MSVOA_N

ClientSampleId :

PB131049TB

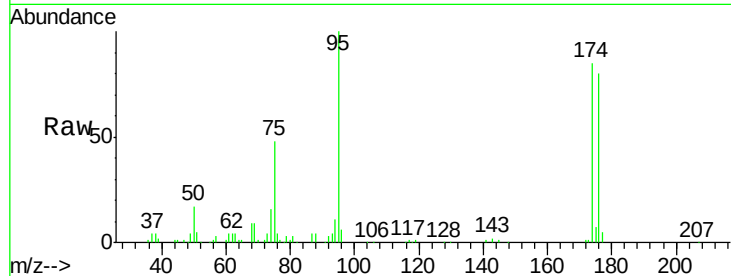
Tot Ion: 95 Resp: 103204

Ion Ratio Lower Upper

95 100

174 87.8 0.0 170.8

176 82.8 0.0 164.8

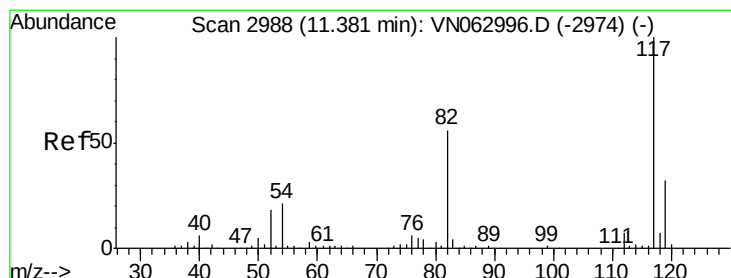
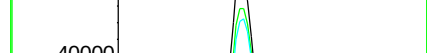
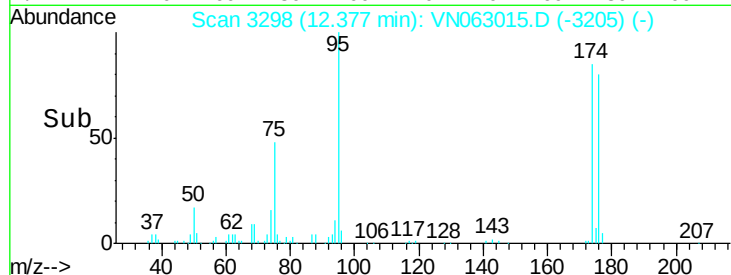


Abundance Ion 94.90 (94.60 to 95.60): VN062996.D (-3285) (-)

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

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

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 16:21

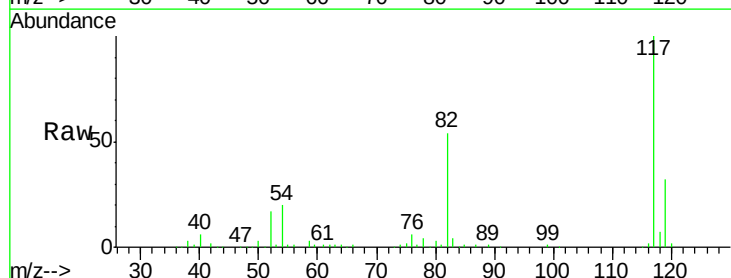
Tgt Ion: 117 Resp: 248100

Ion Ratio Lower Upper

117 100

82 54.0 44.5 66.7

119 32.1 25.5 38.3

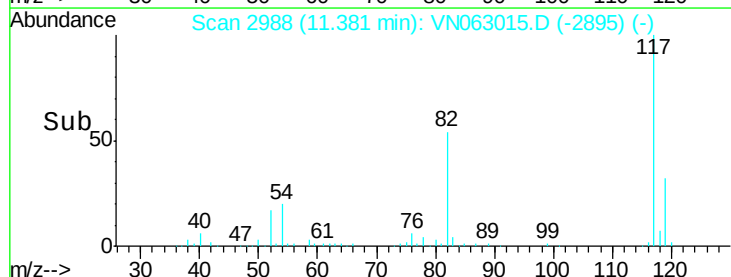


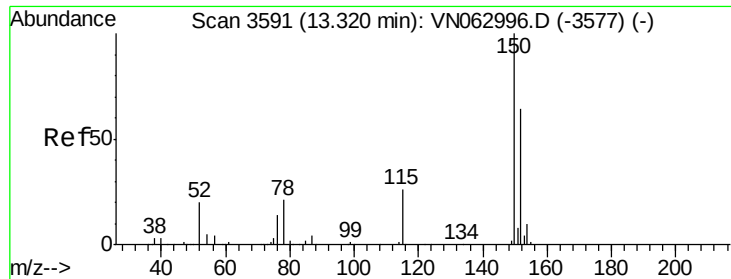
Abundance Ion 116.90 (116.60 to 117.60): VN062996.D (-2974) (-)

Ion 82.00 (81.70 to 82.70): VN062996.D (-2974) (-)

Ion 118.90 (118.60 to 119.60): VN062996.D (-2974) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 16:21

Instrument :

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ClientSampleId :

PB131049TB

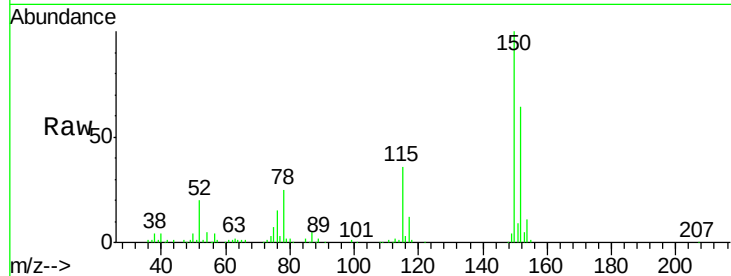
Tot Ion:152 Resp: 90674

Ion Ratio Lower Upper

152 100

115 56.4 28.7 86.3

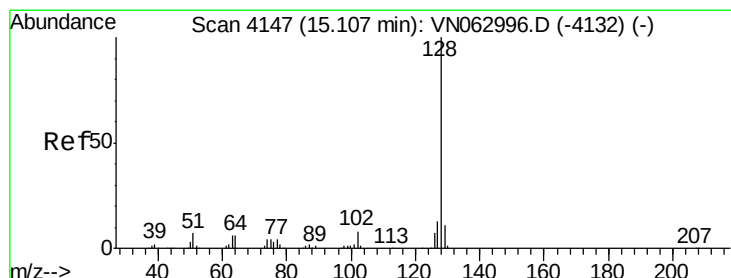
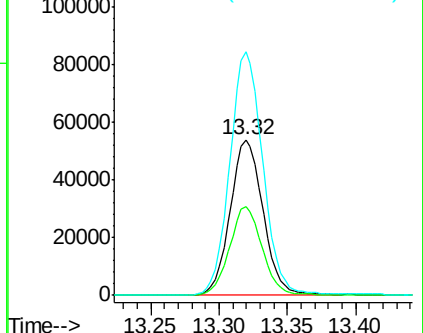
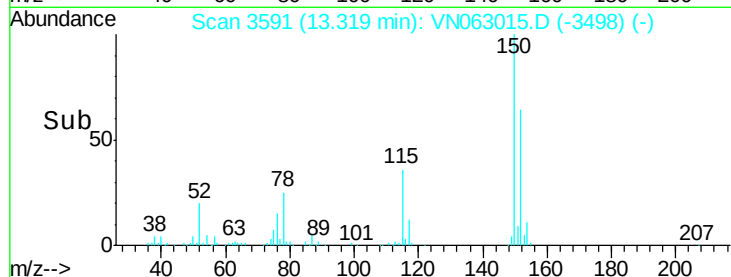
150 157.3 0.0 348.8



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



#95

Naphthalene

Concen: 6.440 ug/l

RT: 15.11 min Scan# 4148

Delta R.T. 0.00 min

Lab File: VN063015.D

Acq: 19 Aug 2020 16:21

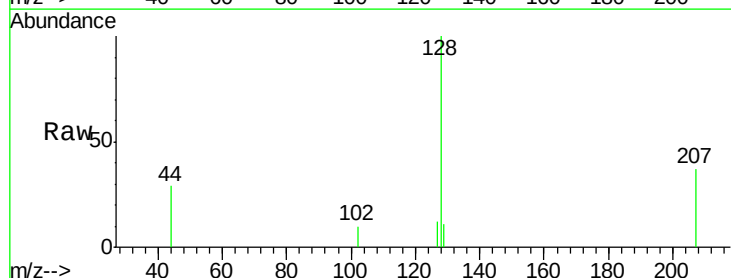
Tgt Ion:128 Resp: 3255

Ion Ratio Lower Upper

128 100

127 7.6 10.6 16.0#

129 6.0 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

