

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060713.D
 Acq On : 26 Mar 2020 14:41
 Operator : JC/MD
 Sample : L1997-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EB-20200316

Quant Time: Mar 27 07:00:12 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

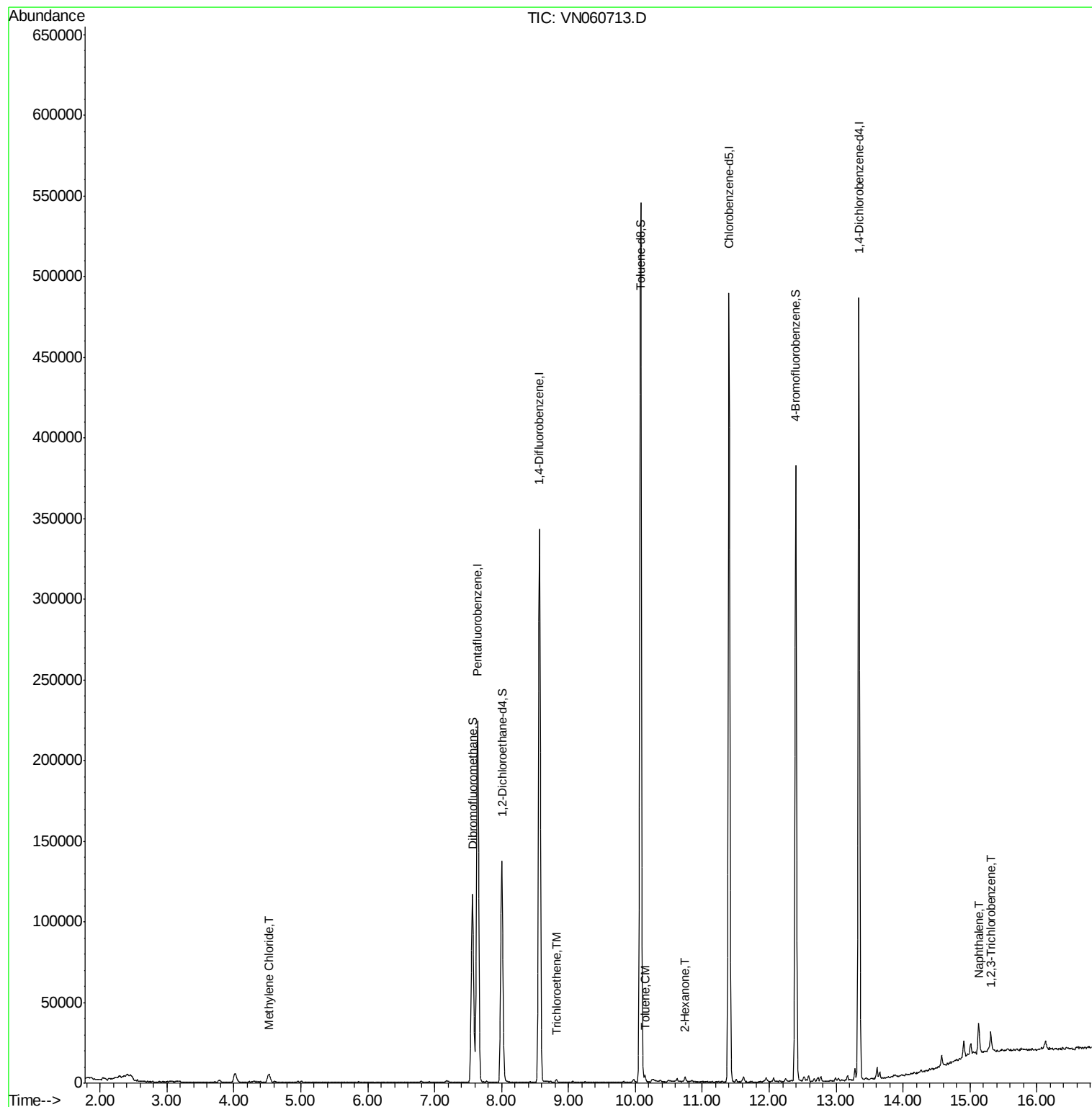
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	185800	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	304544	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	278521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	125091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	118846	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	7.57	113	90172	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.08	98	372553	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	12.40	95	134987	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
Target Compounds						
20) Methylene Chloride	4.52	84	4179	1.880	ug/l	93
44) Trichloroethene	8.82	130	544	0.242	ug/l	95
52) Toluene	10.15	92	2053	0.382	ug/l	94
59) 2-Hexanone	10.74	43	2648	1.229	ug/l	74
95) Naphthalene	15.13	128	15252	2.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	4233	1.834	ug/l	98

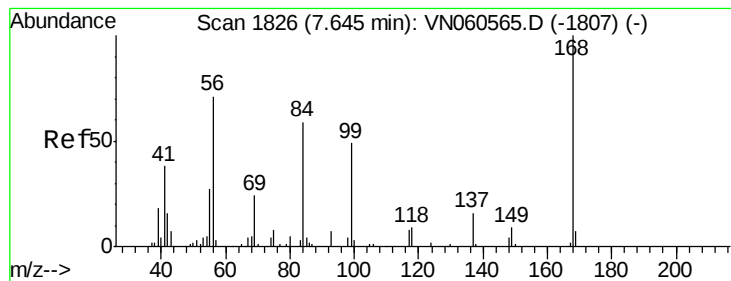
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032620\
Data File : VN060713.D
Acq On : 26 Mar 2020 14:41
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Quant Time: Mar 27 07:00:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

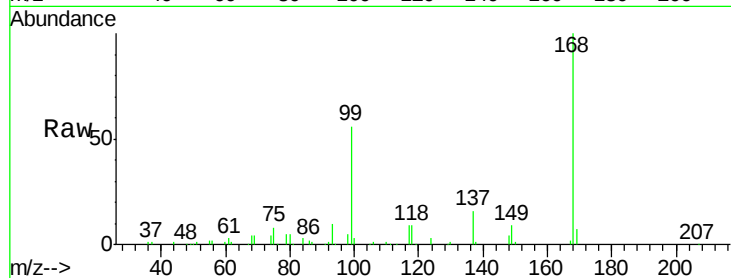
EB-20200316

Tot Ion:168 Resp: 185800

Ion Ratio Lower Upper

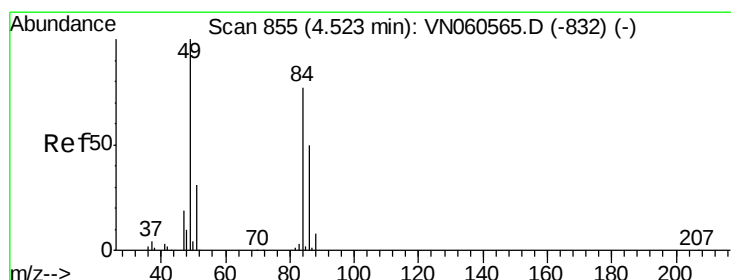
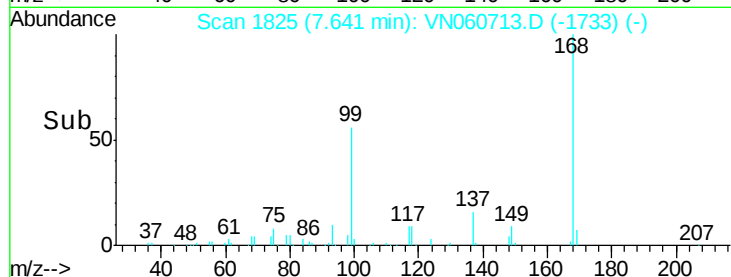
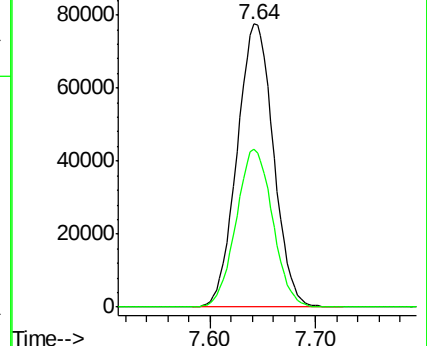
168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.880 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Tgt Ion: 84 Resp: 4179

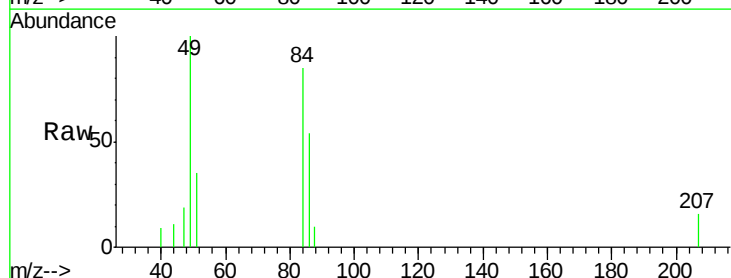
Ion Ratio Lower Upper

84 100

49 117.4 103.3 154.9

51 41.7 31.6 47.4

86 63.3 52.0 78.0

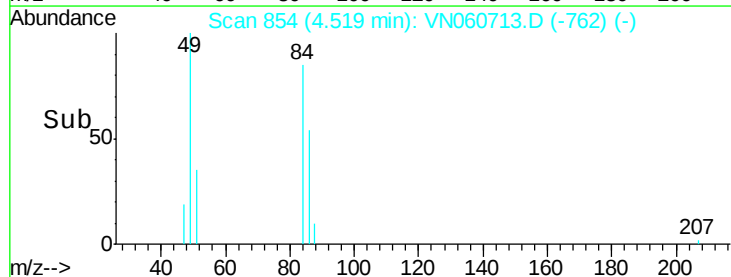
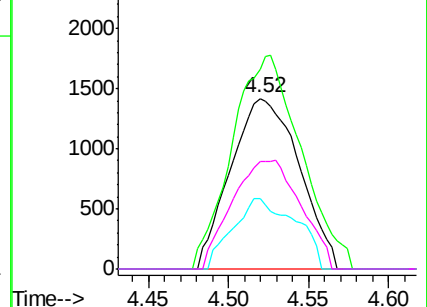


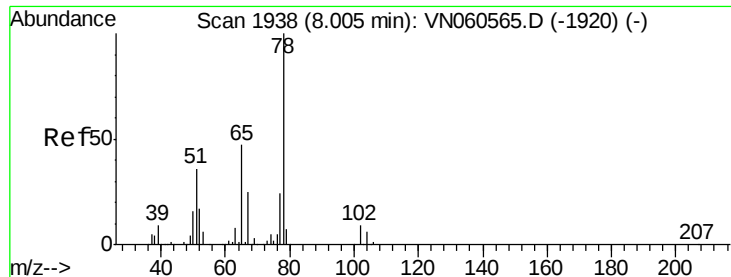
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

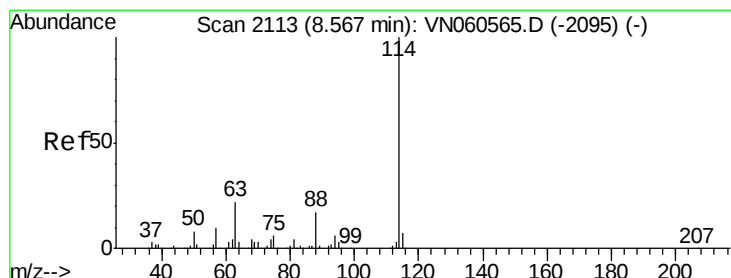
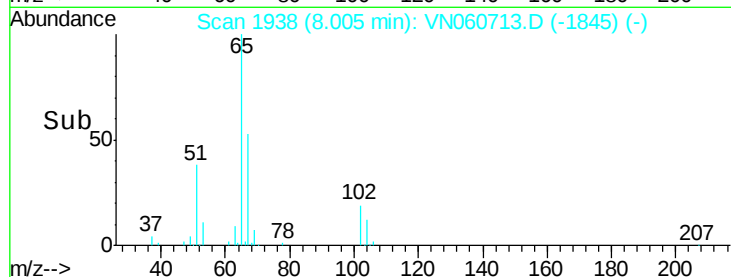
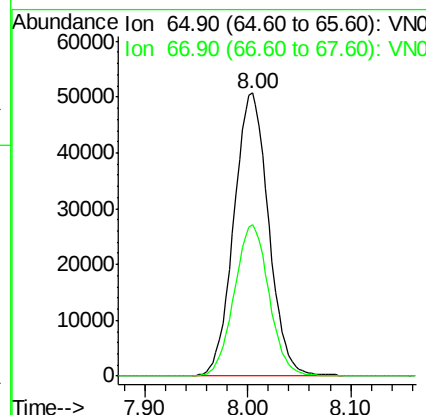
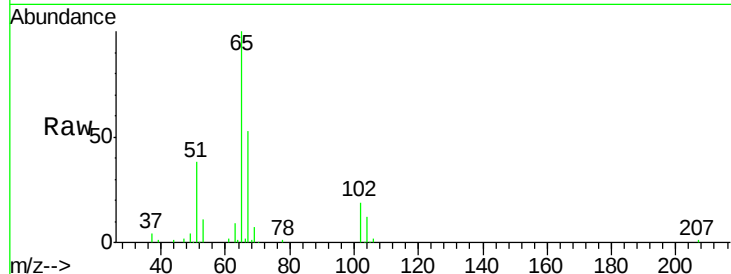




#33
 1,2-Dichloroethane-d4
 Concen: 46.595 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

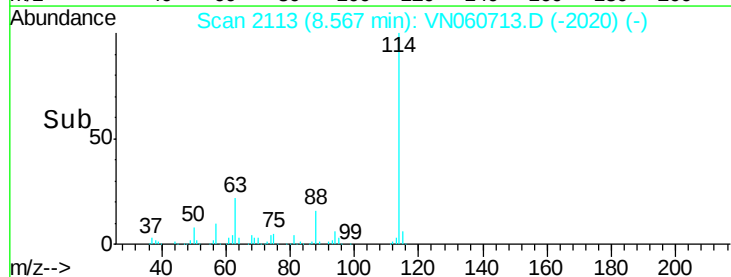
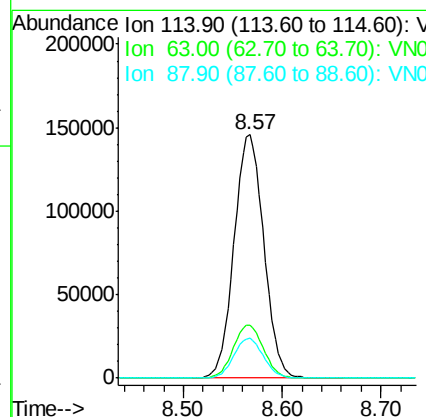
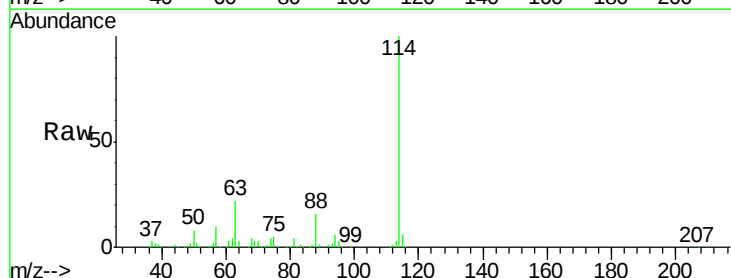
Instrument :
 MSVOA_N
 ClientSampled :
 EB-20200316

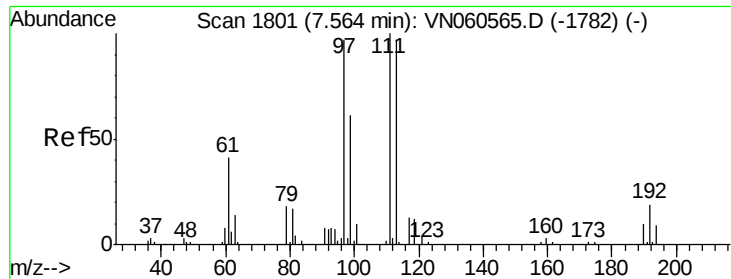
Tot Ion: 65 Resp: 118846
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060713.D
 Acq: 26 Mar 2020 14:41

Tgt Ion: 114 Resp: 304544
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.8
 88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.967 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

EB-20200316

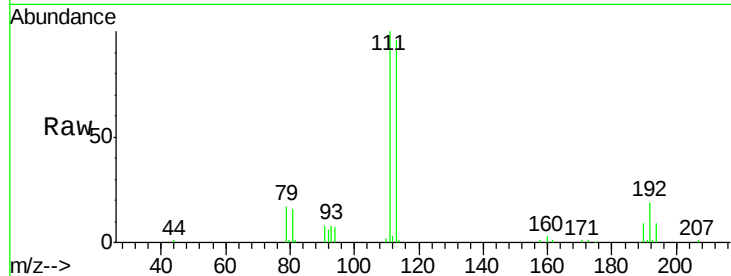
Tot Ion:113 Resp: 90172

Ion Ratio Lower Upper

113 100

111 103.1 82.9 124.3

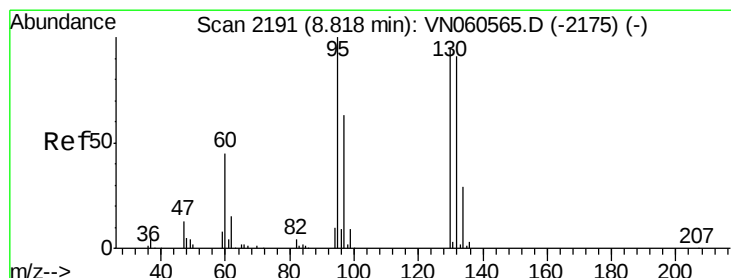
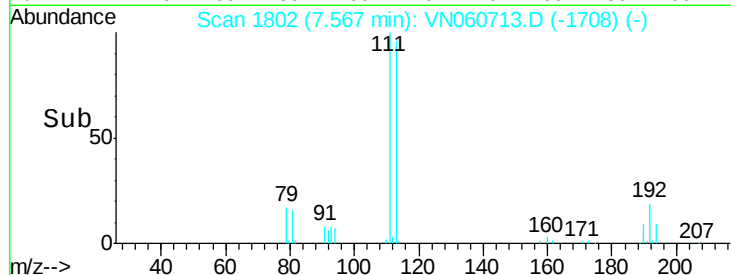
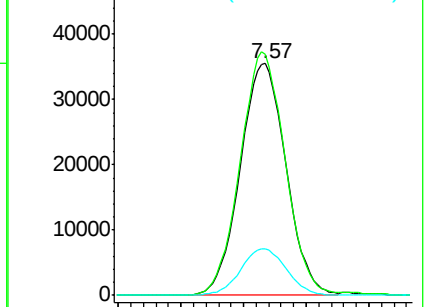
192 20.0 15.8 23.8



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



#44

Trichloroethene

Concen: 0.242 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060713.D

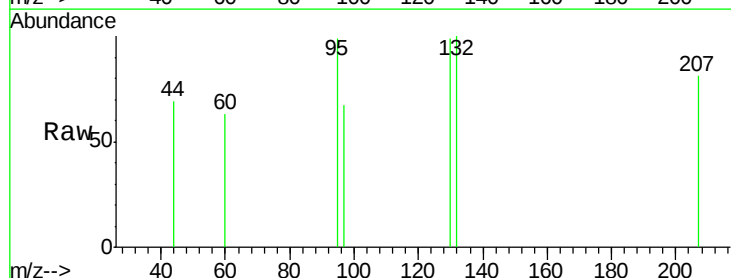
Acq: 26 Mar 2020 14:41

Tgt Ion:130 Resp: 544

Ion Ratio Lower Upper

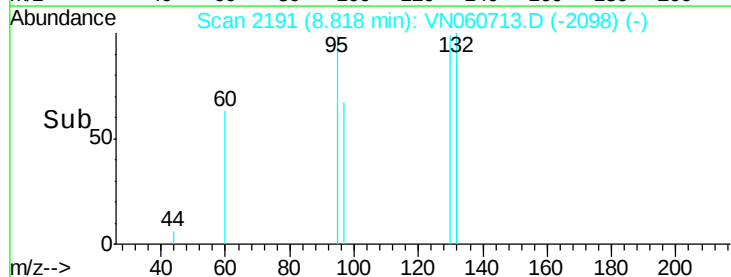
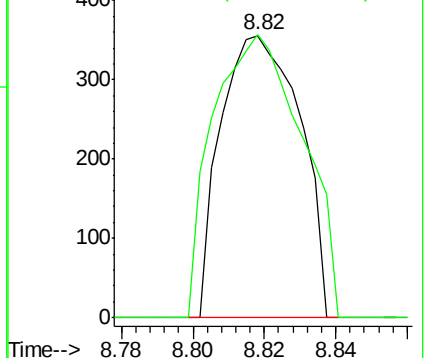
130 100

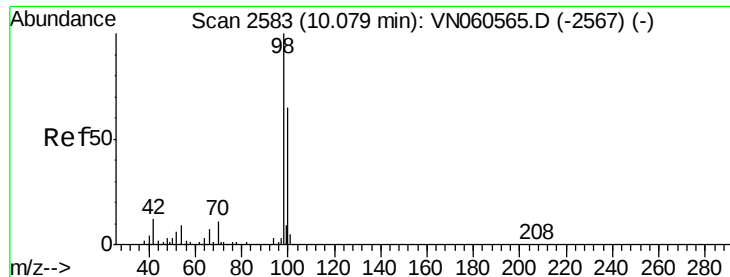
95 100.3 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN





#50

Toluene-d8

Concen: 49.530 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

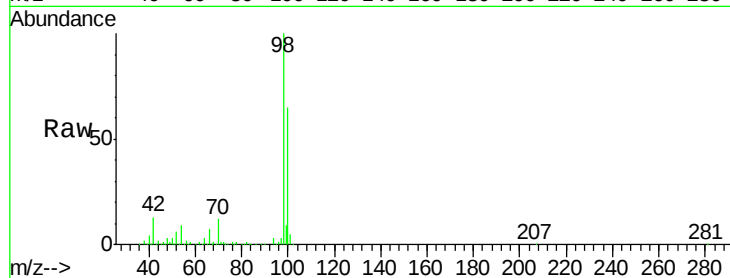
EB-20200316

Tot Ion: 98 Resp: 372553

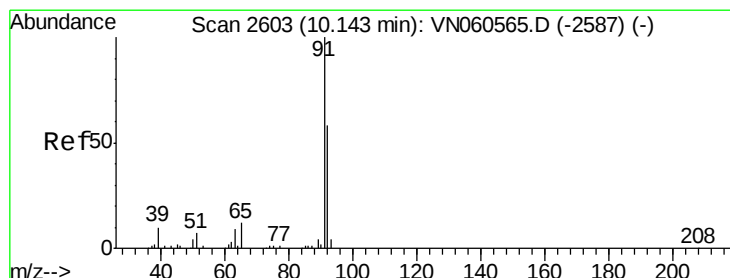
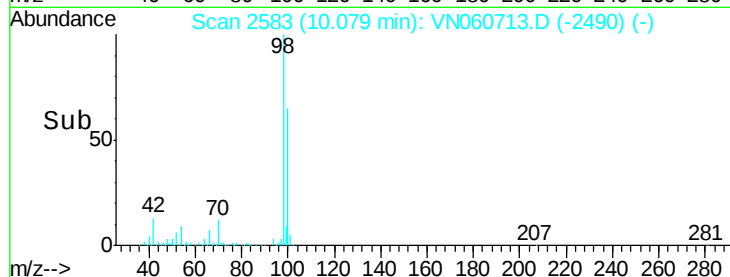
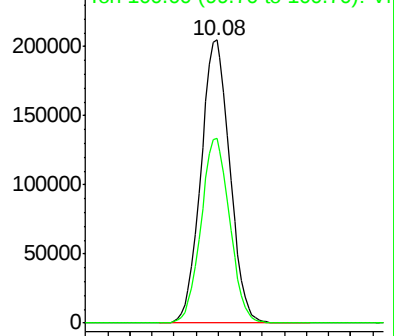
Ion Ratio Lower Upper

98 100

100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060713.D (-2490) (-)



#52

Toluene

Concen: 0.382 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN060713.D

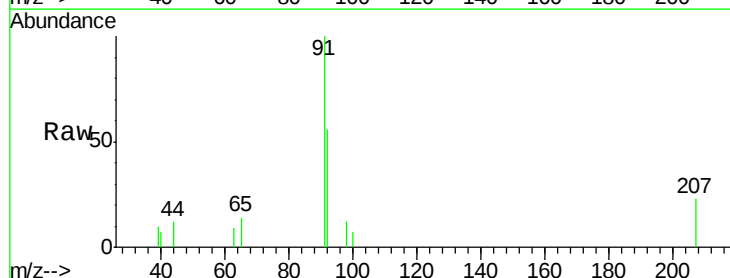
Acq: 26 Mar 2020 14:41

Tgt Ion: 92 Resp: 2053

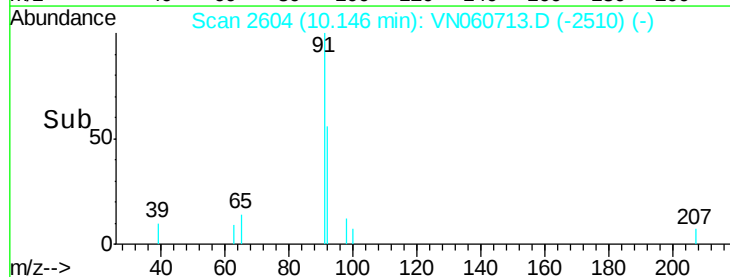
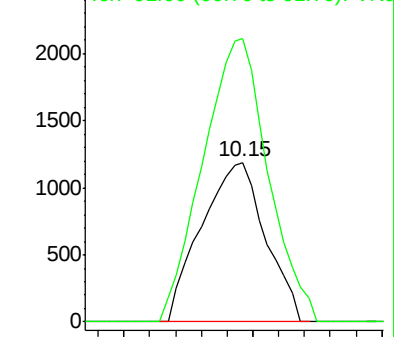
Ion Ratio Lower Upper

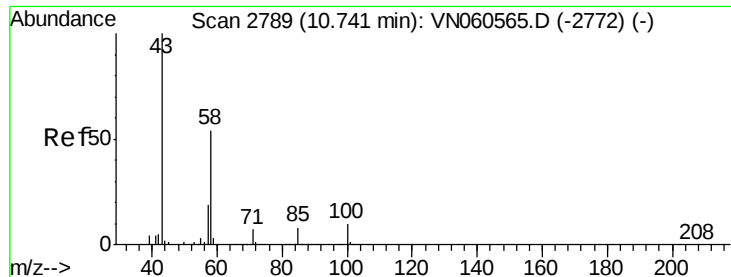
92 100

91 180.9 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060713.D (-2510) (-)

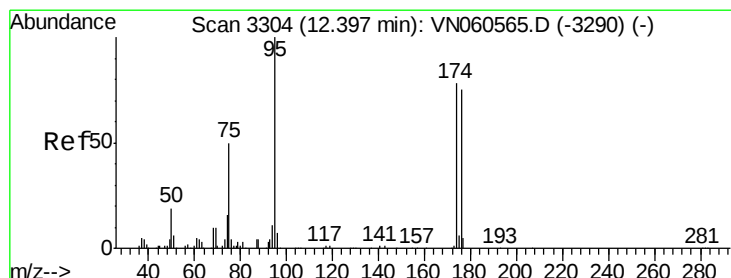
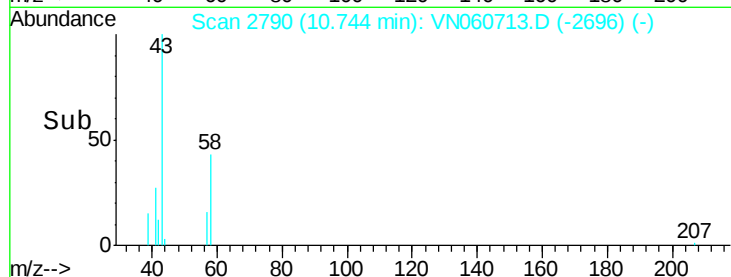
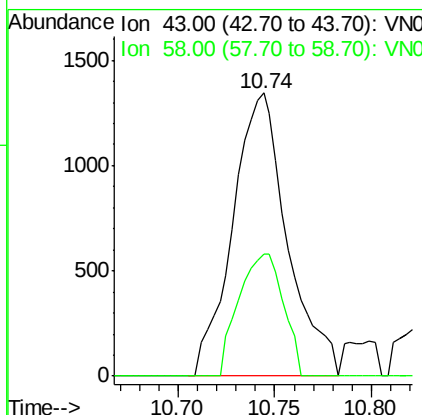
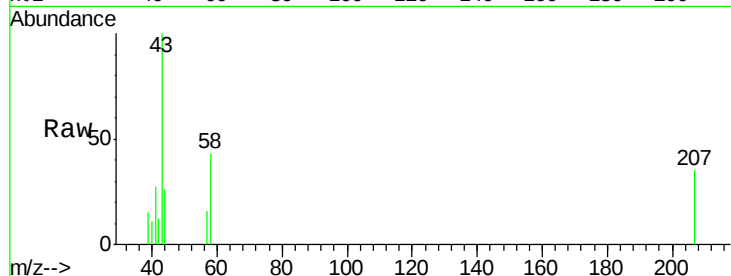




#59
2-Hexanone
Concen: 1.229 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN060713.D
Acq: 26 Mar 2020 14:41

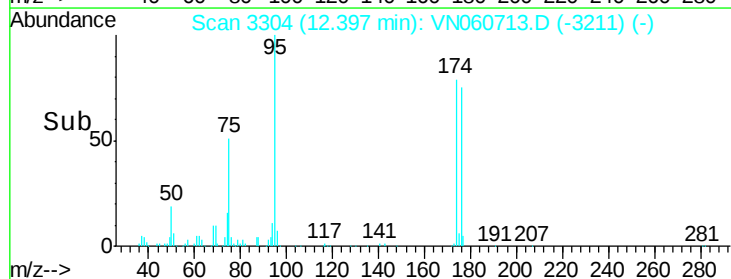
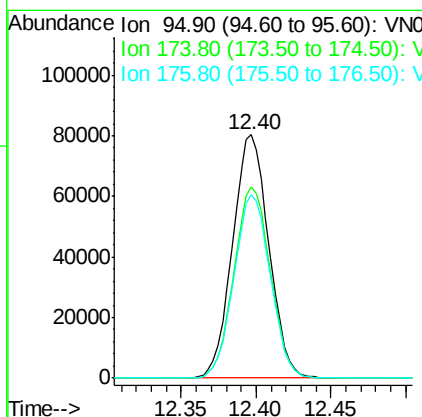
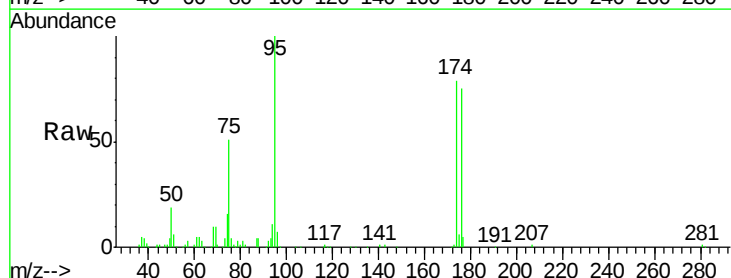
Instrument :
MSVOA_N
ClientSampled :
EB-20200316

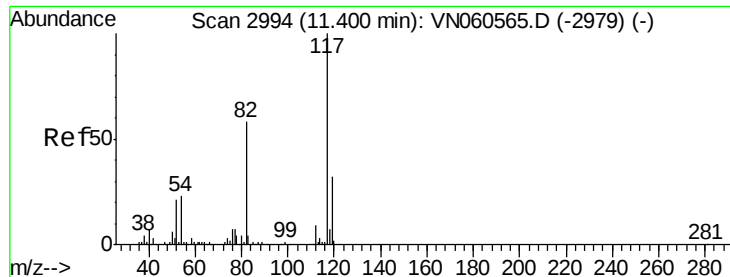
Tot Ion: 43 Resp: 2648
Ion Ratio Lower Upper
43 100
58 35.1 26.7 80.1



#62
4-Bromofluorobenzene
Concen: 48.968 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060713.D
Acq: 26 Mar 2020 14:41

Tgt Ion: 95 Resp: 134987
Ion Ratio Lower Upper
95 100
174 79.4 0.0 157.6
176 75.9 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: VN060713.D

Acq: 26 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

EB-20200316

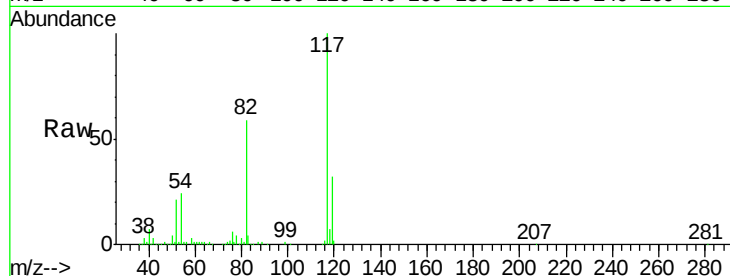
Tot Ion:117 Resp: 278521

Ion Ratio Lower Upper

117 100

82 59.0 46.7 70.1

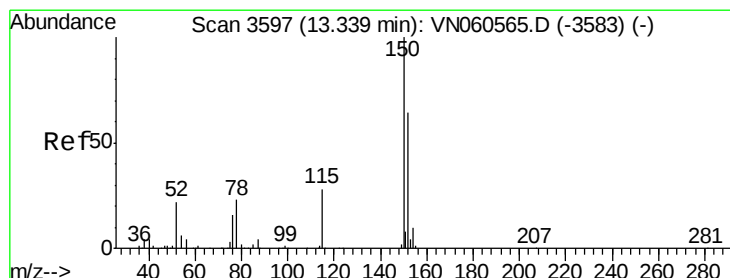
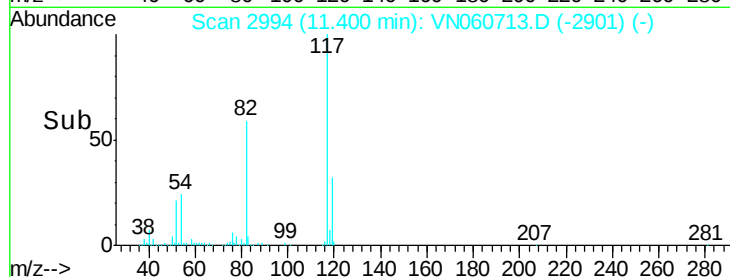
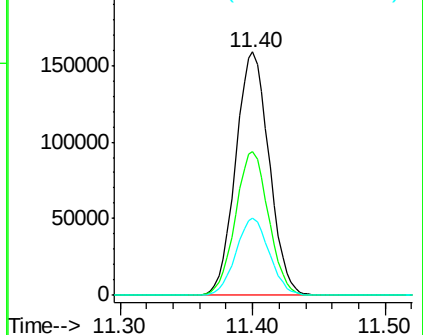
119 31.8 25.5 38.3



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: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

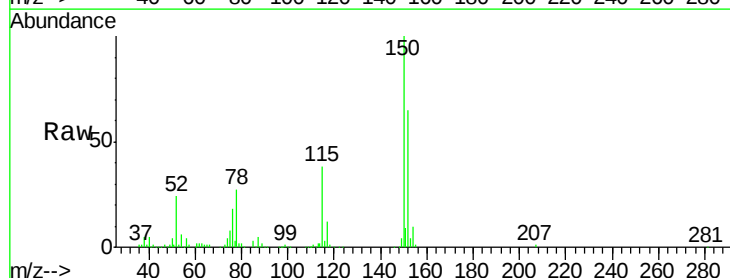
Tgt Ion:152 Resp: 125091

Ion Ratio Lower Upper

152 100

115 60.1 30.2 90.6

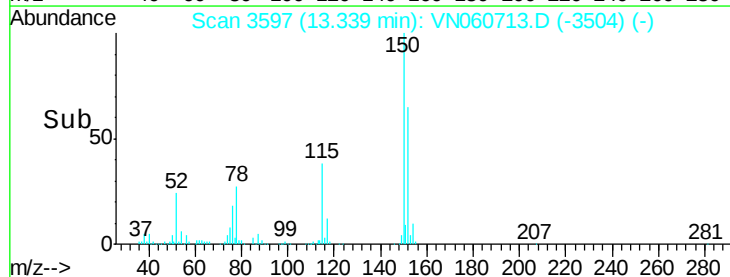
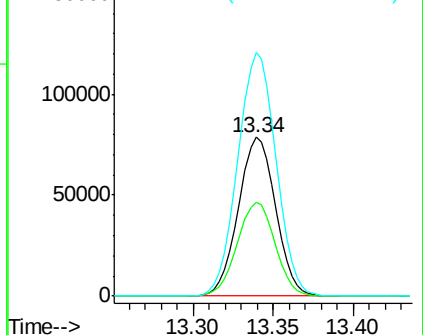
150 157.6 0.0 350.2

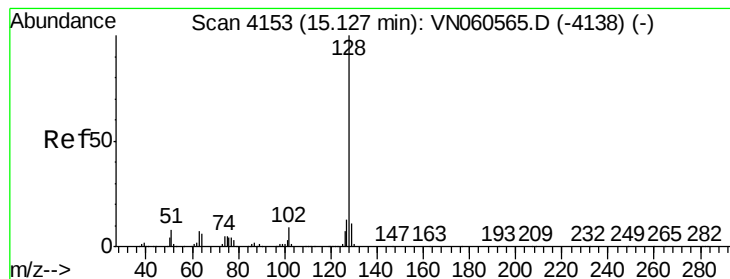


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.165 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

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ClientSampleId :

EB-20200316

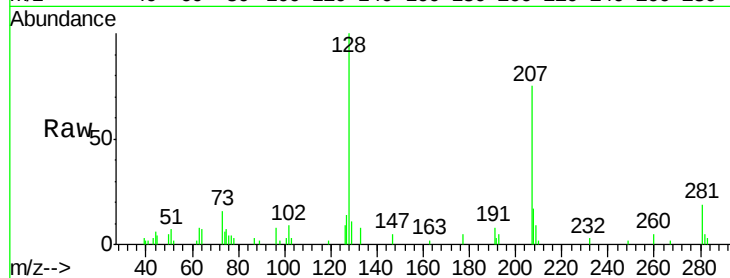
Tot Ion:128 Resp: 15252

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

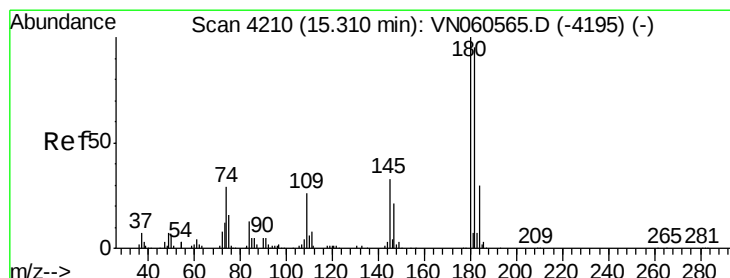
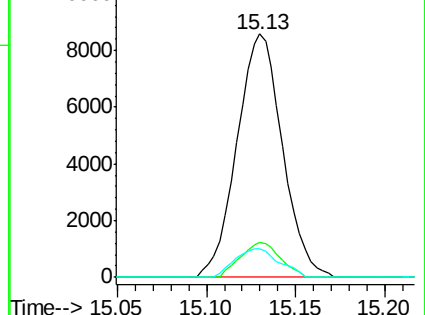
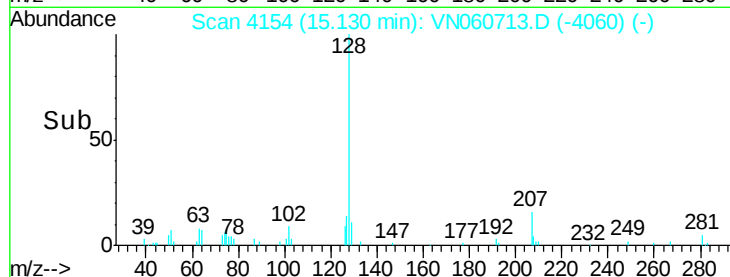
129 11.4 8.8 13.2



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



#96

1,2,3-Trichlorobenzene

Concen: 1.834 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. -0.00 min

Lab File: VN060713.D

Acq: 26 Mar 2020 14:41

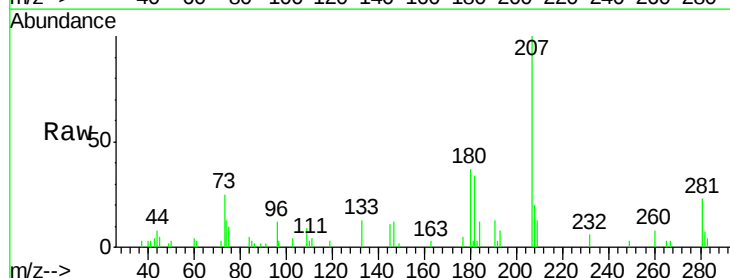
Tgt Ion:180 Resp: 4233

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.6

145 29.8 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

