

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN033020\
 Data File : VN060768.D
 Acq On : 30 Mar 2020 14:19
 Operator : JC/MD
 Sample : L2031-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DEBRIS-COMP

Quant Time: Mar 31 08:36:53 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	197385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	329065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	311817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146901	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	128751	47.52	ug/l	0.00
Spiked Amount						
			Recovery	=	95.04%	
35) Dibromofluoromethane	7.57	113	96849	48.67	ug/l	0.00
Spiked Amount						
			Recovery	=	97.34%	
50) Toluene-d8	10.08	98	407654	50.16	ug/l	0.00
Spiked Amount						
			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.40	95	154548	51.89	ug/l	0.00
Spiked Amount						
			Recovery	=	103.78%	

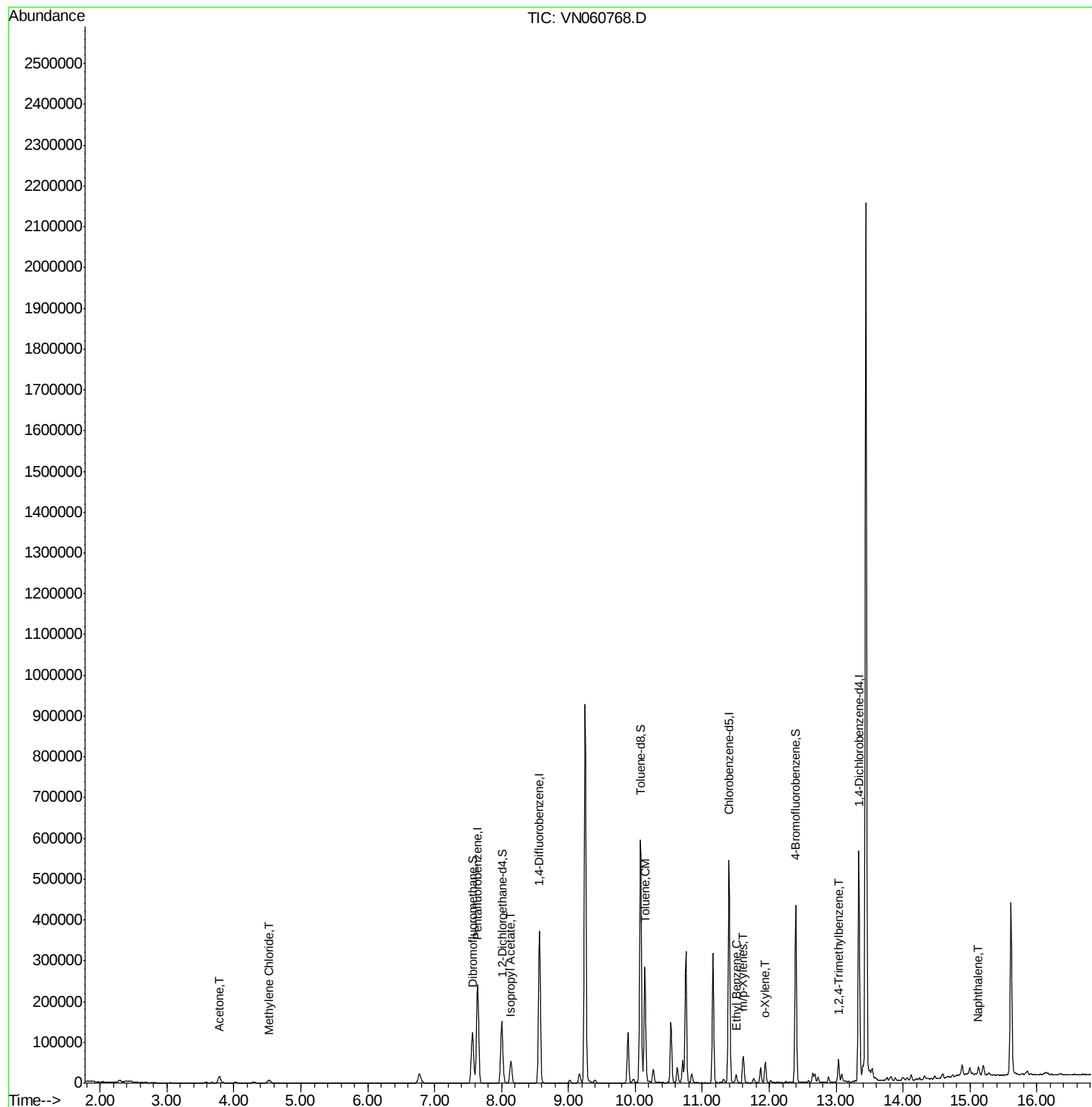
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	27761	28.923	ug/l	98
20) Methylene Chloride	4.52	84	5596	2.370	ug/l	98
43) Isopropyl Acetate	8.14	43	62218	10.958	ug/l #	91
52) Toluene	10.14	92	123347	21.233	ug/l	99
67) Ethyl Benzene	11.50	91	14517	1.263	ug/l	98
68) m/p-Xylenes	11.61	106	20223	4.734	ug/l	93
69) o-Xylene	11.94	106	13077	3.207	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	31888	3.445	ug/l	100
95) Naphthalene	15.13	128	16678	2.015	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN033020\
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Quant Time: Mar 31 08:36:53 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: VN060768.D

Acq: 30 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

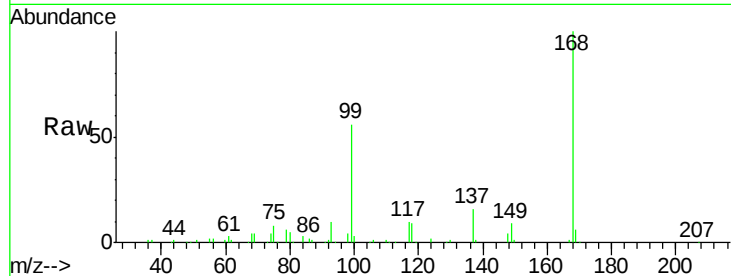
DEBRIS-COMP

Tot Ion:168 Resp: 197385

Ion Ratio Lower Upper

168 100

99 56.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060565.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN060565.D (-1807) (-)

7.64

80000

60000

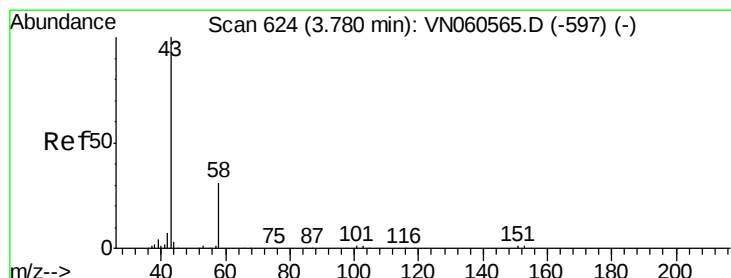
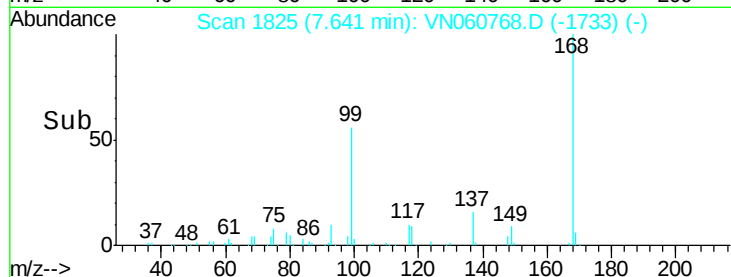
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 28.923 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060768.D

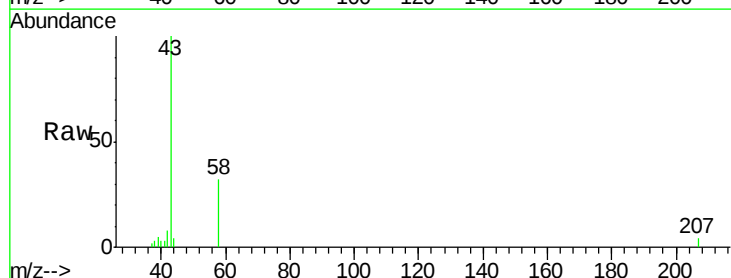
Acq: 30 Mar 2020 14:19

Tgt Ion: 43 Resp: 27761

Ion Ratio Lower Upper

43 100

58 32.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-597) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-597) (-)

3.78

12000

10000

8000

6000

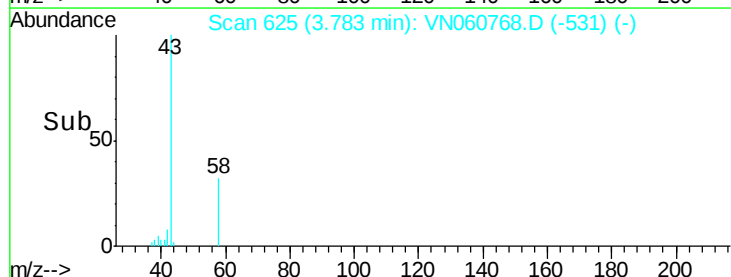
4000

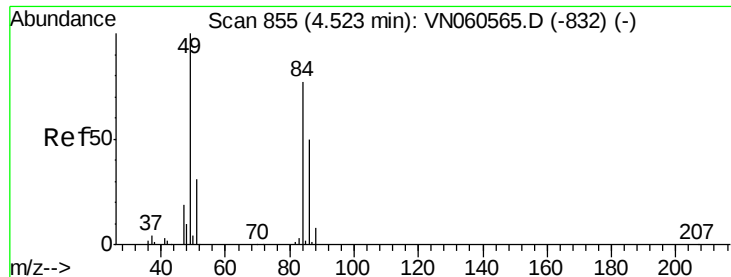
2000

0

3.70 3.80 3.90

Time-->

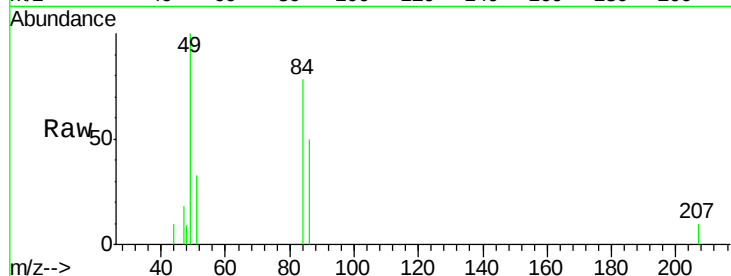




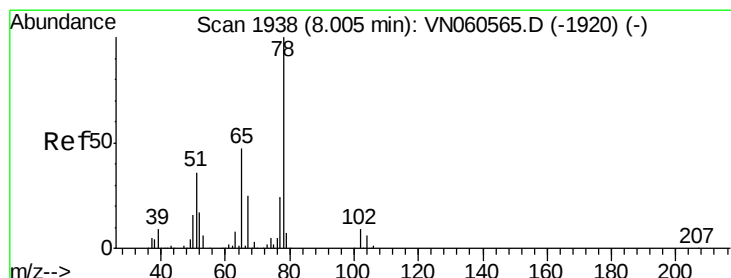
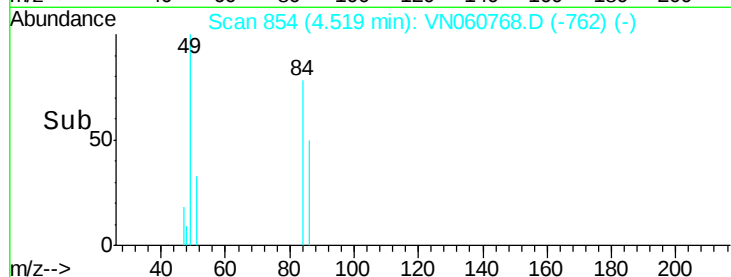
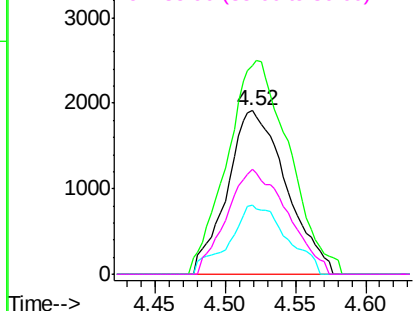
#20
Methvlene Chloride
Concen: 2.370 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060768.D
Acq: 30 Mar 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
DEBRIS-COMP

Tot Ion: 84 Resp: 5596
Ion Ratio Lower Upper
84 100
49 127.8 103.3 154.9
51 42.1 31.6 47.4
86 63.9 52.0 78.0

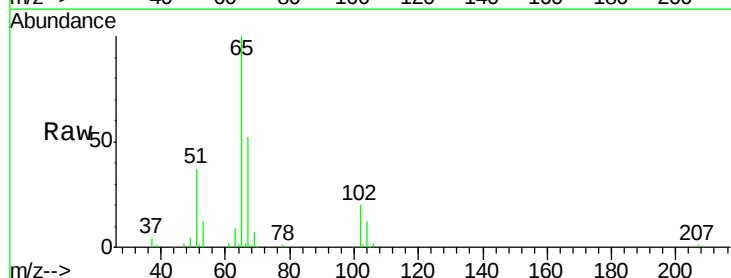


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

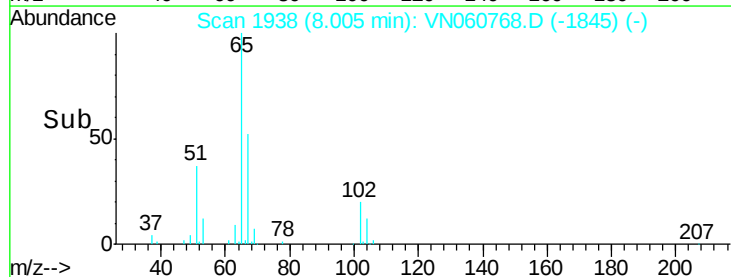
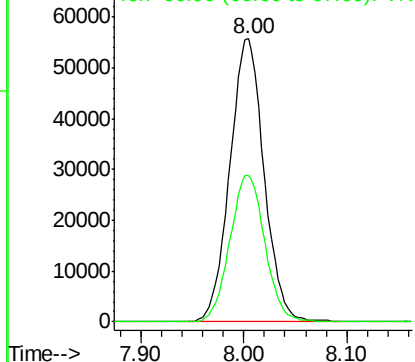


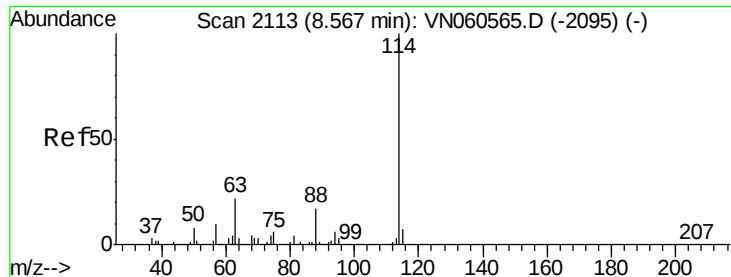
#33
1,2-Dichloroethane-d4
Concen: 47.516 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060768.D
Acq: 30 Mar 2020 14:19

Tgt Ion: 65 Resp: 128751
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060768.D

Acq: 30 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

DEBRIS-COMP

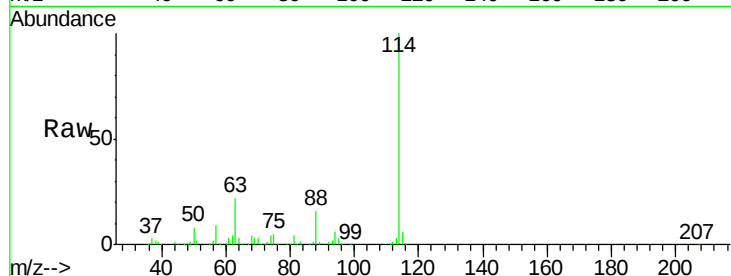
Tot Ion:114 Resp: 329065

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

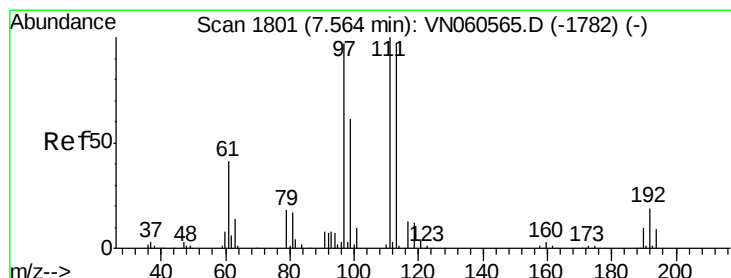
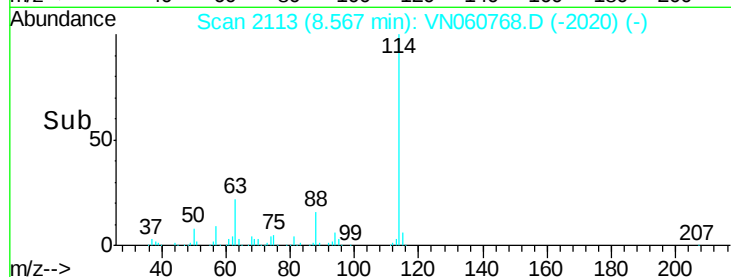
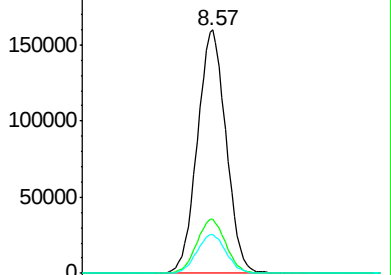
88 15.9 0.0 33.0



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



#35

Dibromofluoromethane

Concen: 48.674 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060768.D

Acq: 30 Mar 2020 14:19

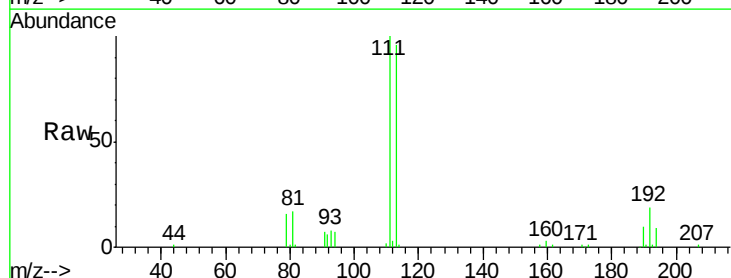
Tgt Ion:113 Resp: 96849

Ion Ratio Lower Upper

113 100

111 104.4 82.9 124.3

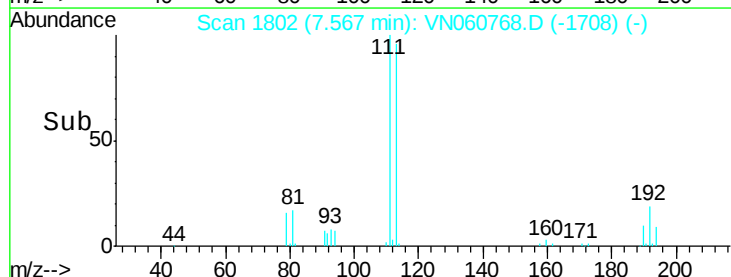
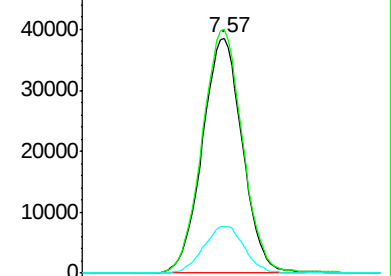
192 20.2 15.8 23.8



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





#43

Isopropyl Acetate

Concen: 10.958 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060768.D

Acq: 30 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

DEBRIS-COMP

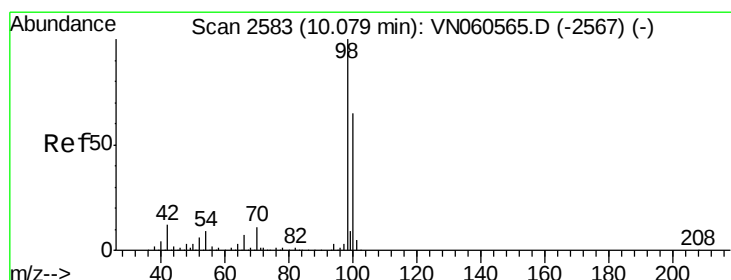
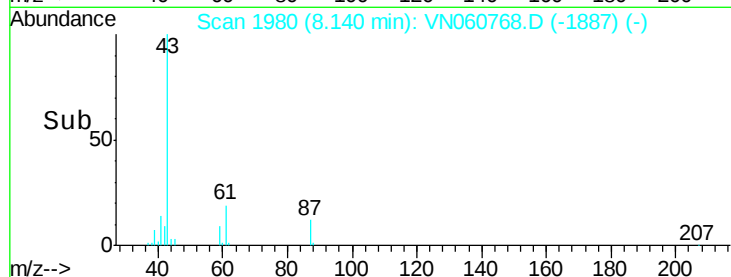
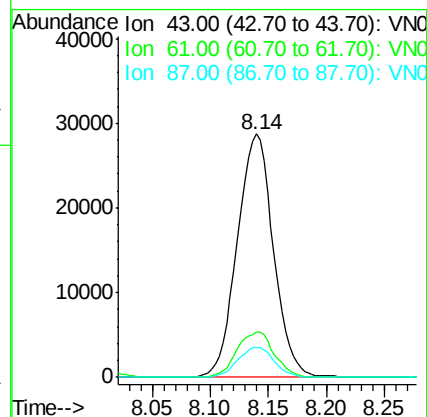
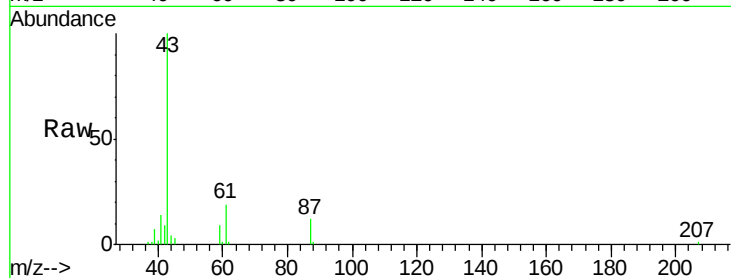
Tot Ion: 43 Resp: 62218

Ion Ratio Lower Upper

43 100

61 19.2 20.7 31.1#

87 12.3 9.8 14.8



#50

Toluene-d8

Concen: 50.158 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060768.D

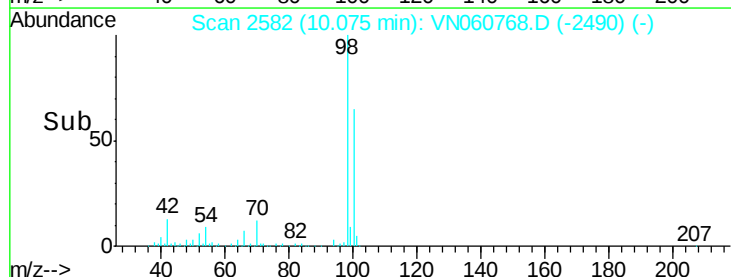
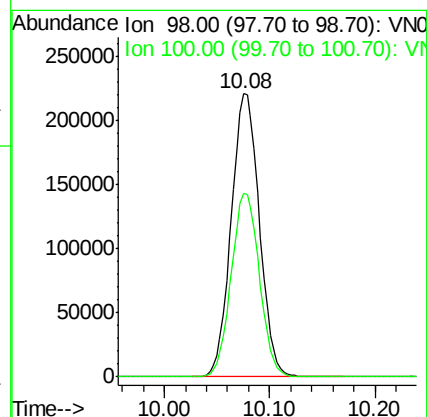
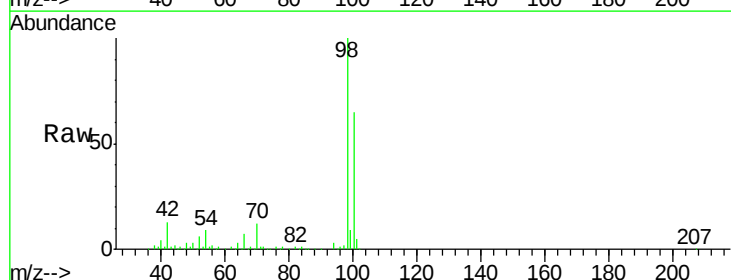
Acq: 30 Mar 2020 14:19

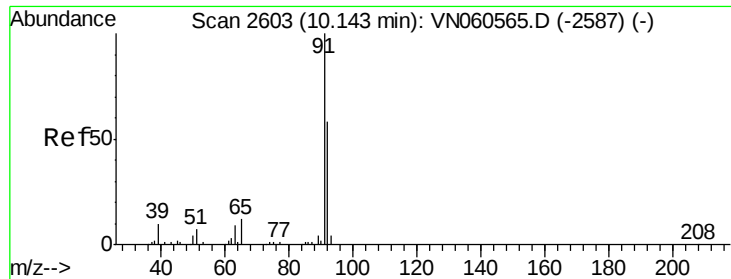
Tgt Ion: 98 Resp: 407654

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8





#52

Toluene

Concen: 21.233 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060768.D

Acq: 30 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

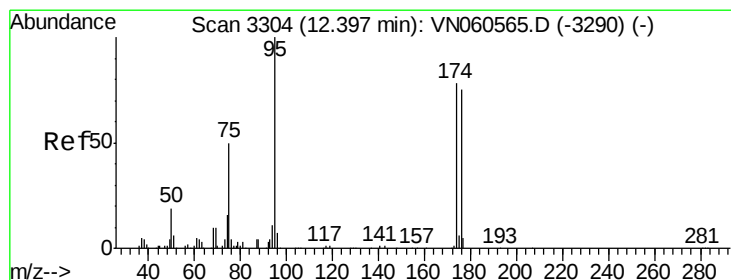
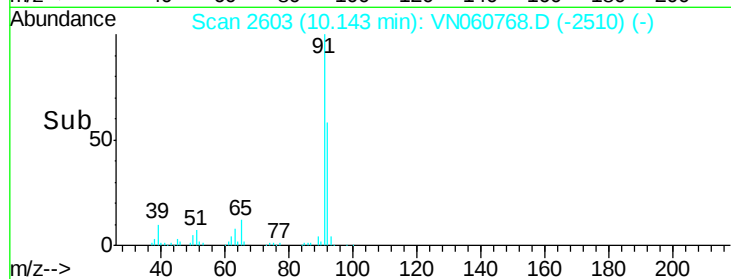
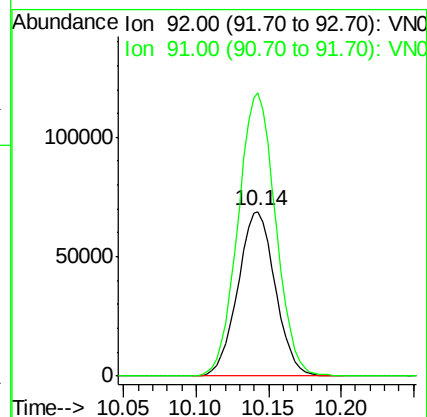
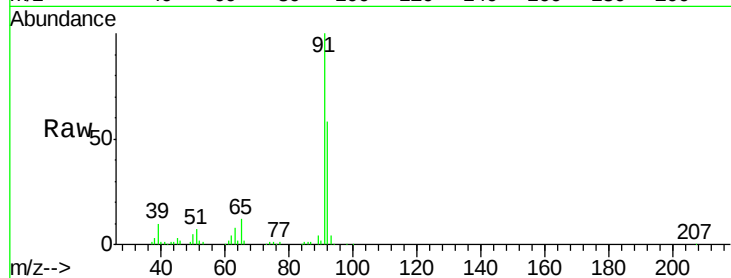
DEBRIS-COMP

Tot Ion: 92 Resp: 123347

Ion Ratio Lower Upper

92 100

91 173.6 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 51.887 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060768.D

Acq: 30 Mar 2020 14:19

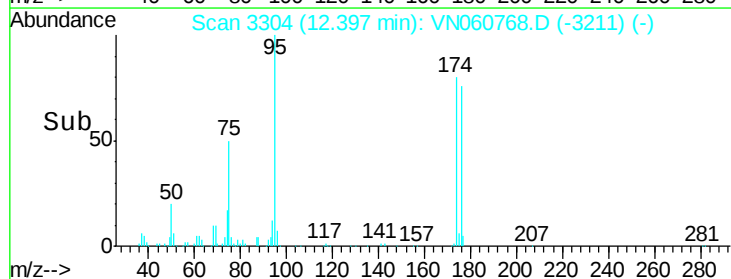
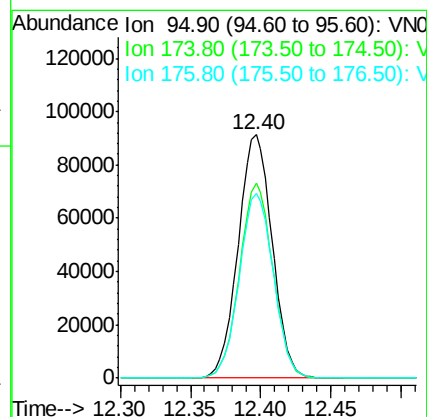
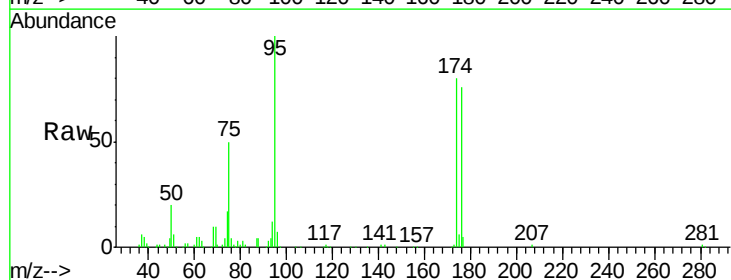
Tgt Ion: 95 Resp: 154548

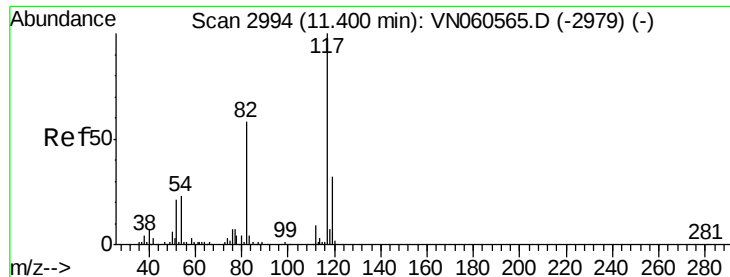
Ion Ratio Lower Upper

95 100

174 78.7 0.0 157.6

176 76.2 0.0 150.6

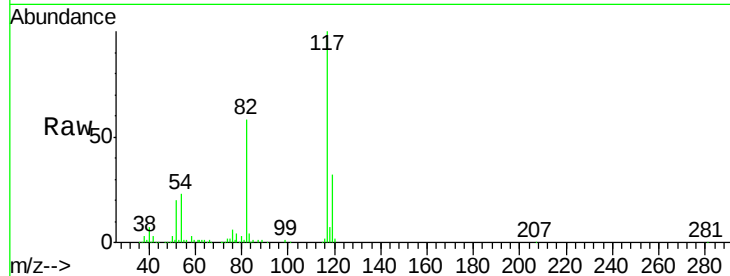




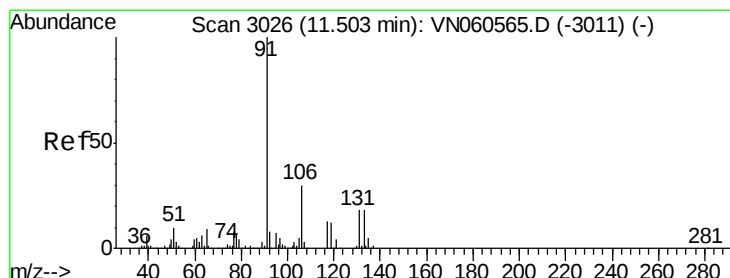
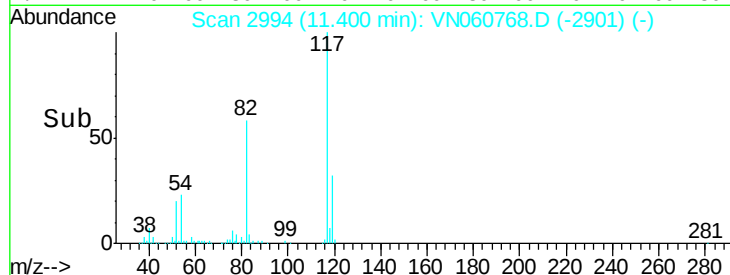
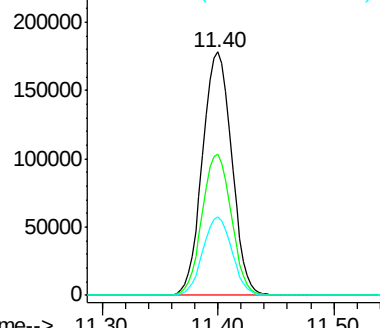
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060768.D
Acq: 30 Mar 2020 14:19

Instrument :
MSVOA_N
ClientSampleId :
DEBRIS-COMP

Tot Ion:117 Resp: 311817
Ion Ratio Lower Upper
117 100
82 57.9 46.7 70.1
119 32.2 25.5 38.3

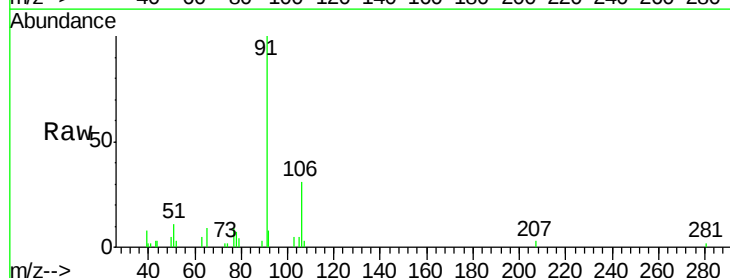


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

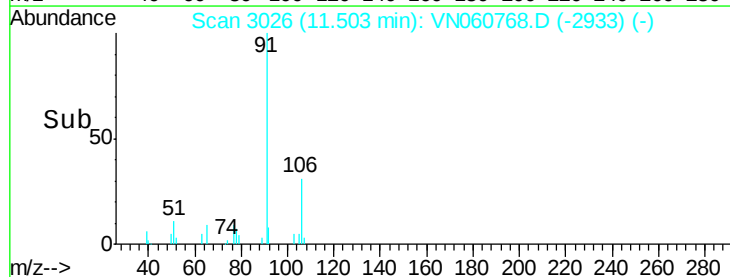
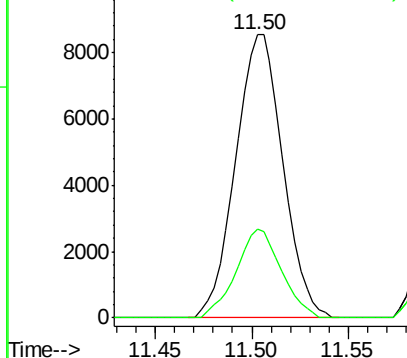


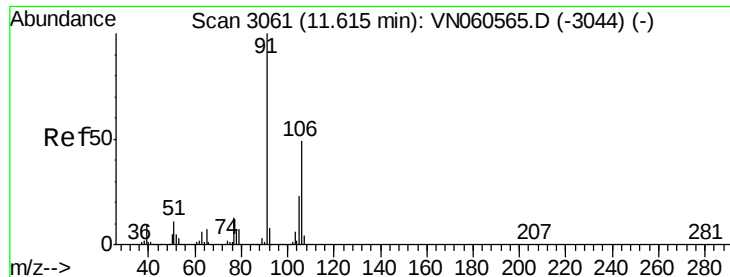
#67
Ethyl Benzene
Concen: 1.263 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060768.D
Acq: 30 Mar 2020 14:19

Tgt Ion: 91 Resp: 14517
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

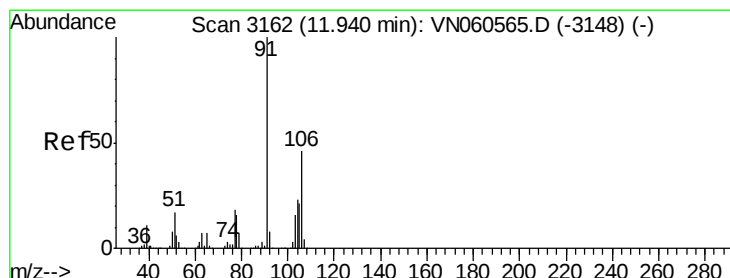
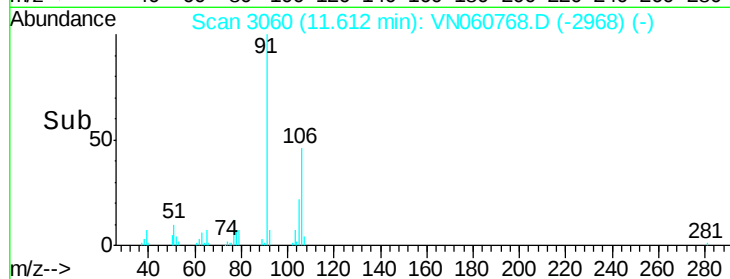
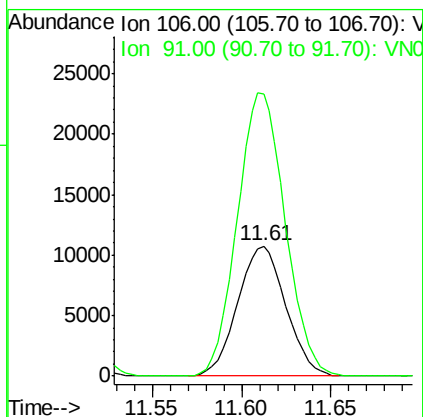
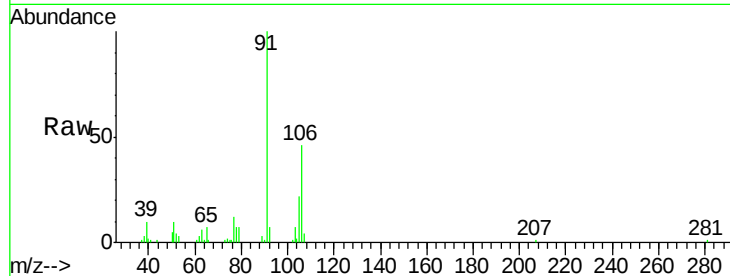




#68
m/p-Xylenes
Concen: 4.734 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN060768.D
Acq: 30 Mar 2020 14:19

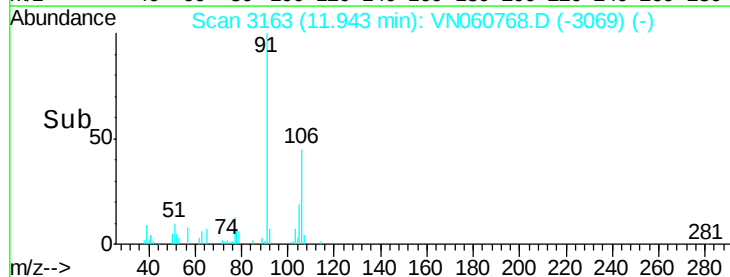
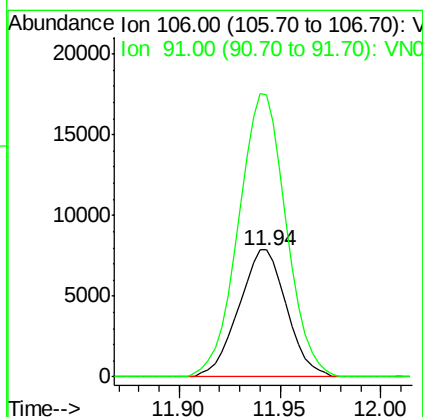
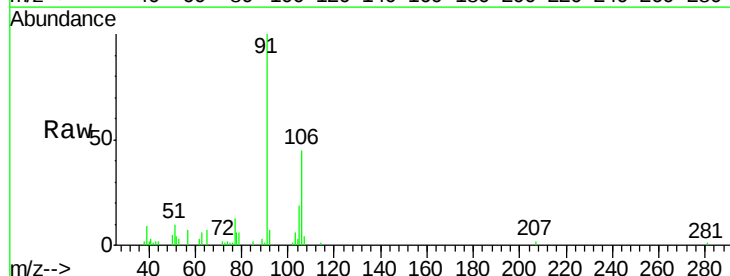
Instrument :
MSVOA_N
ClientSampleId :
DEBRIS-COMP

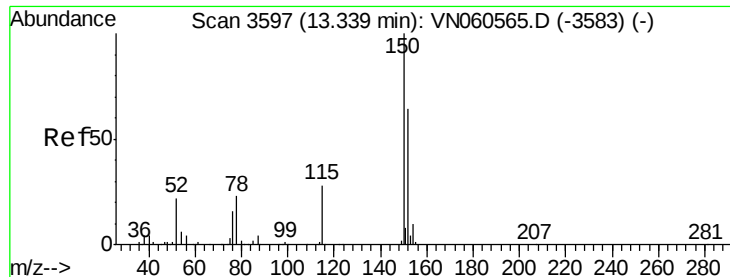
Tot Ion:106 Resp: 20223
Ion Ratio Lower Upper
106 100
91 216.7 165.0 247.4



#69
o-Xylene
Concen: 3.207 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060768.D
Acq: 30 Mar 2020 14:19

Tgt Ion:106 Resp: 13077
Ion Ratio Lower Upper
106 100
91 221.7 109.5 328.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060768.D

Acq: 30 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

DEBRIS-COMP

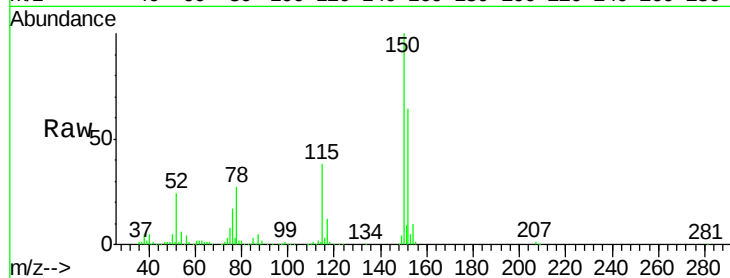
Tot Ion:152 Resp: 146901

Ion Ratio Lower Upper

152 100

115 60.5 30.2 90.6

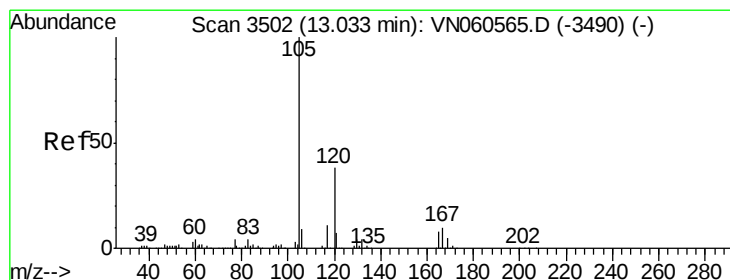
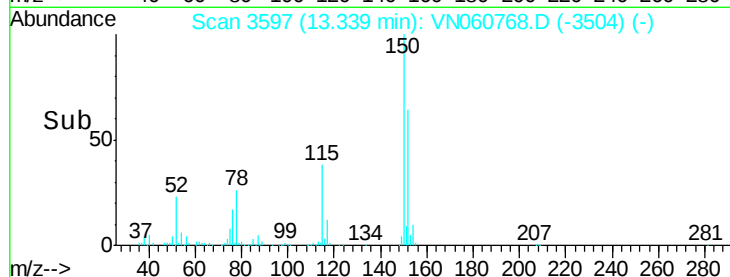
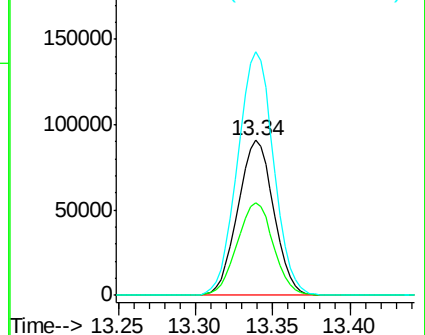
150 157.4 0.0 350.2



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



#84

1,2,4-Trimethylbenzene

Concen: 3.445 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060768.D

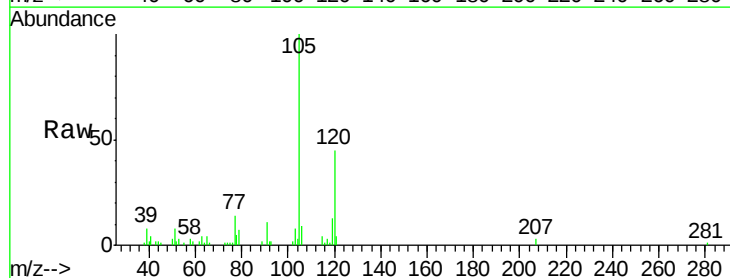
Acq: 30 Mar 2020 14:19

Tgt Ion:105 Resp: 31888

Ion Ratio Lower Upper

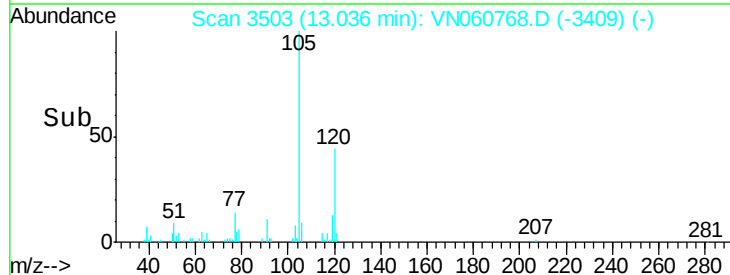
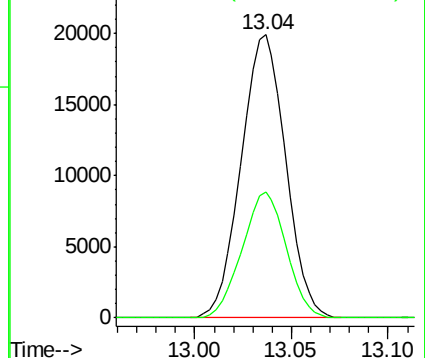
105 100

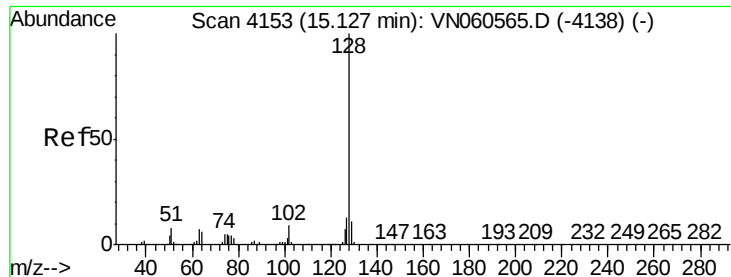
120 44.1 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 2.015 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN060768.D

Acq: 30 Mar 2020 14:19

Instrument :

MSVOA_N

ClientSampleId :

DEBRIS-COMP

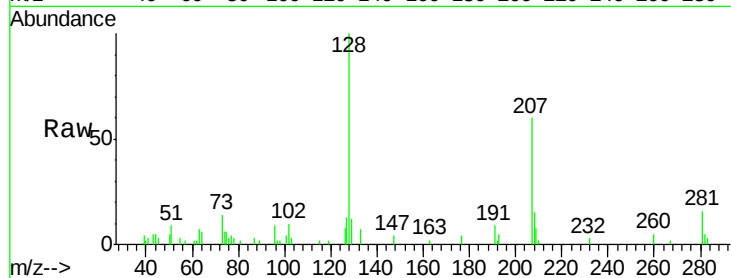
Tot Ion:128 Resp: 16678

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.2

129 11.2 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

