

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060726.D
 Acq On : 26 Mar 2020 20:00
 Operator : JC/MD
 Sample : L2026-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-WASH

Quant Time: Mar 27 07:37:57 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	196333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	330300	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	313165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149761	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	129492	48.05	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.10%	
35) Dibromofluoromethane	7.56	113	98779	49.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.92%	
50) Toluene-d8	10.08	98	409670	50.22	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	156795	52.44	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.88%	

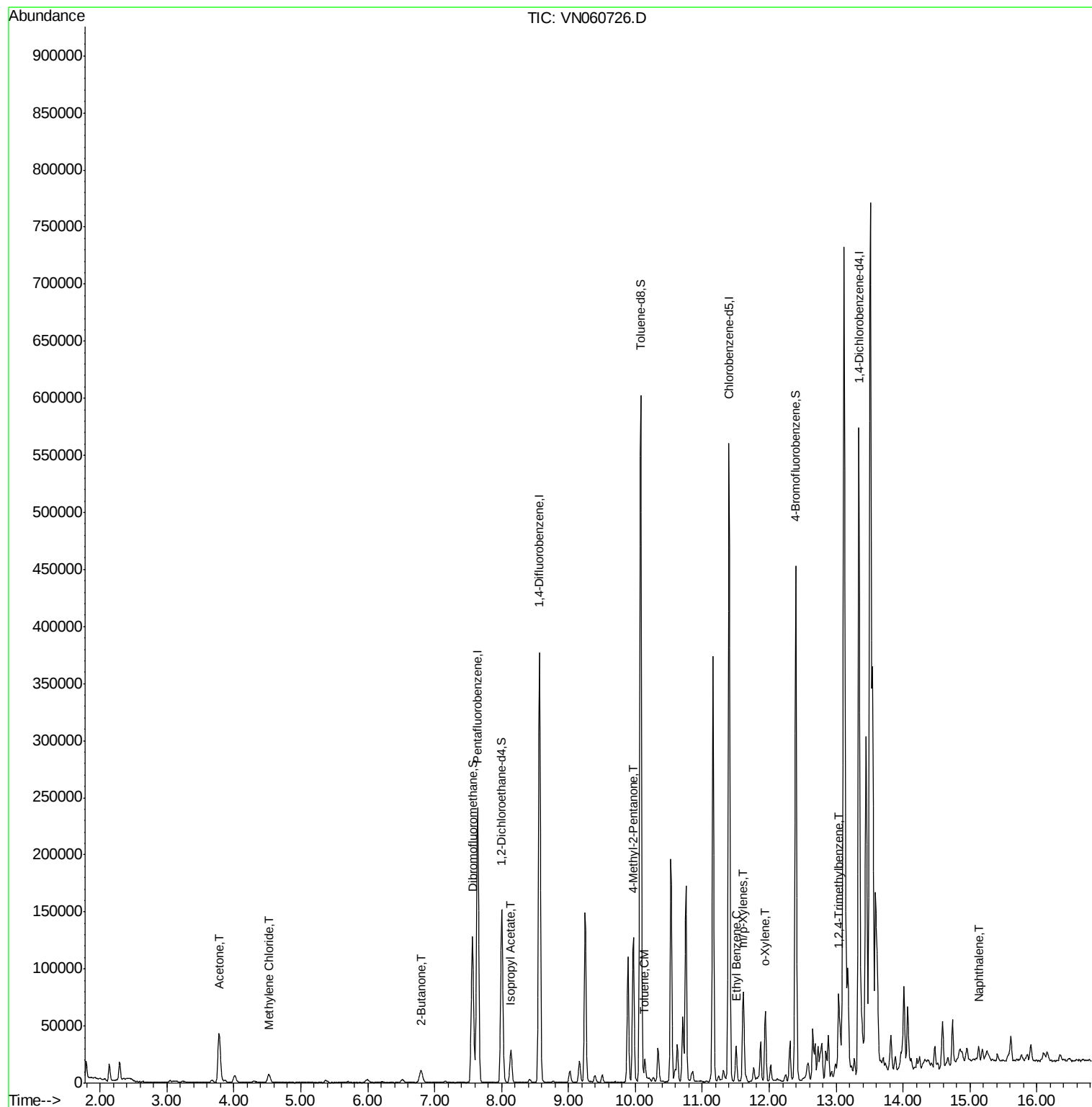
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.78	43	75166	78.733	ug/l	99
20) Methylene Chloride	4.53	84	5686	2.421	ug/l	96
25) 2-Butanone	6.80	43	20578	13.320	ug/l	97
43) Isopropyl Acetate	8.14	43	34032	5.971	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	90209	27.815	ug/l	99
52) Toluene	10.14	92	8929	1.531	ug/l	97
67) Ethyl Benzene	11.50	91	22429	1.943	ug/l	100
68) m/p-Xylenes	11.61	106	24128	5.624	ug/l	98
69) o-Xylene	11.94	106	15825	3.864	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	40923	4.337	ug/l	99
95) Naphthalene	15.13	128	10571	1.253	ug/l	100

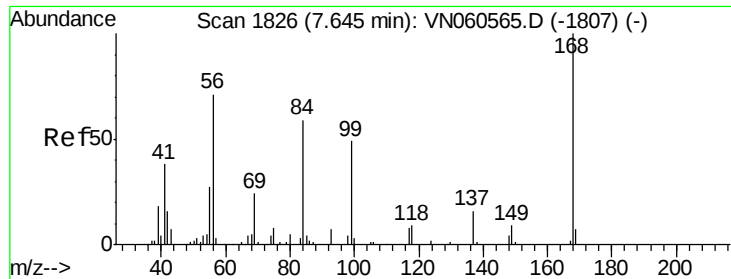
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060726.D

Acq: 26 Mar 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

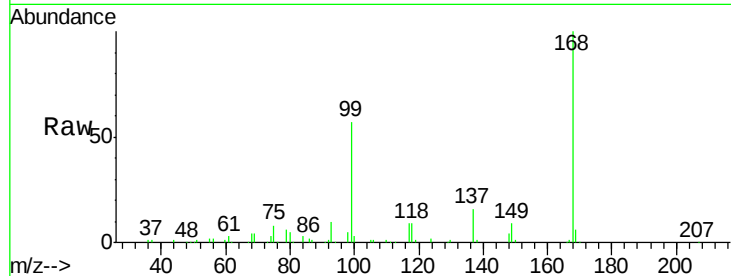
CHASSIS-WASH

Tot Ion:168 Resp: 196333

Ion Ratio Lower Upper

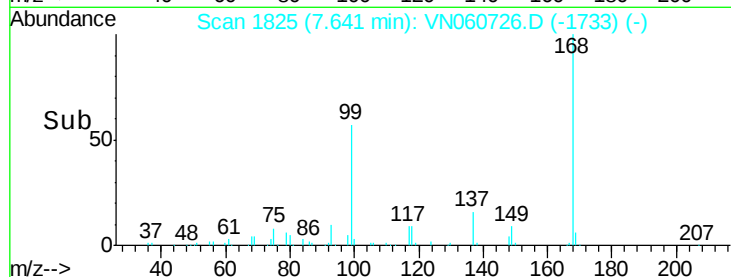
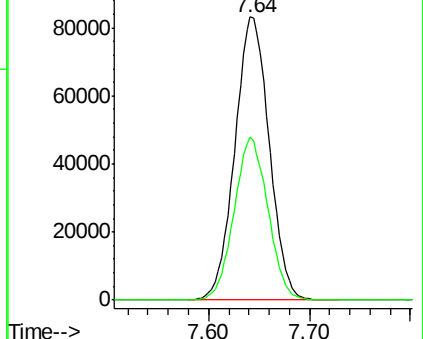
168 100

99 57.5 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 78.733 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060726.D

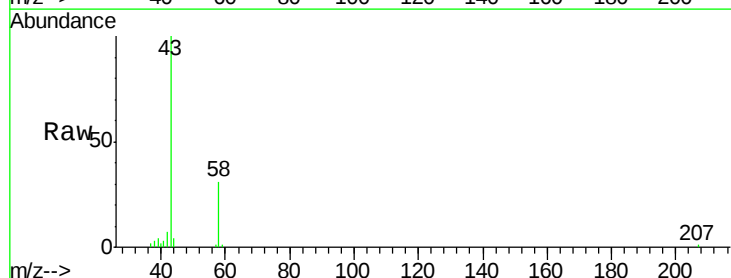
Acq: 26 Mar 2020 20:00

Tgt Ion: 43 Resp: 75166

Ion Ratio Lower Upper

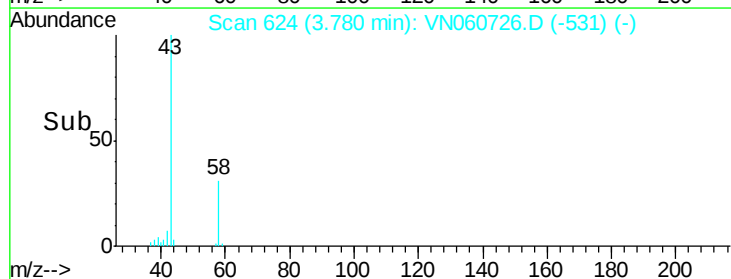
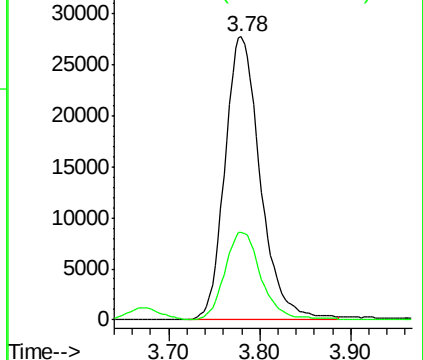
43 100

58 30.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

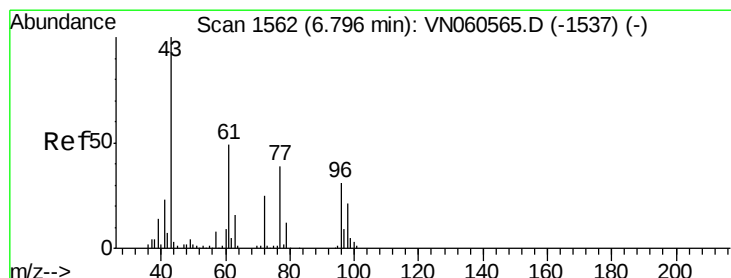
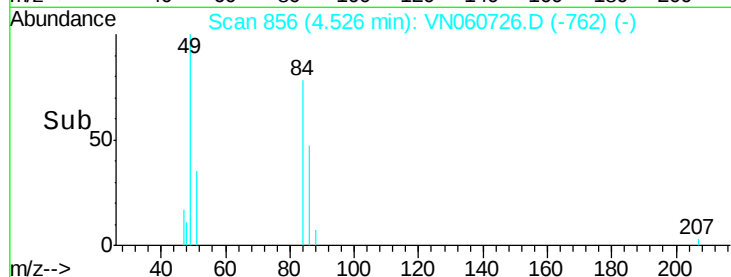
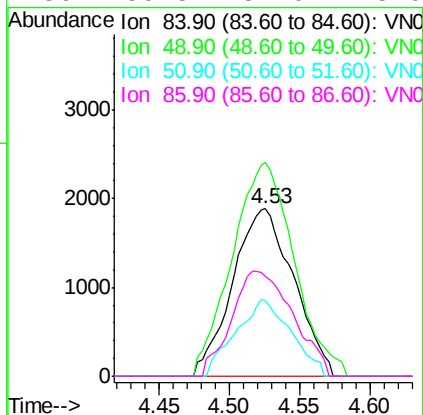
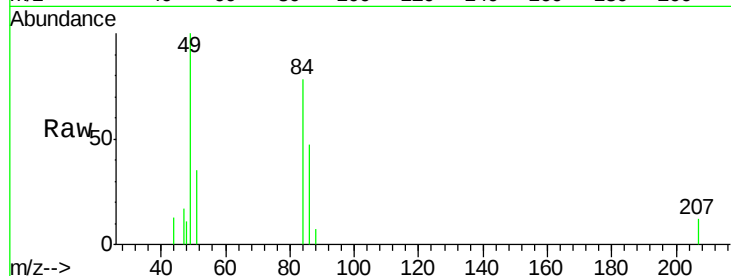




#20
Methvlene Chloride
Concen: 2.421 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060726.D
Acq: 26 Mar 2020 20:00

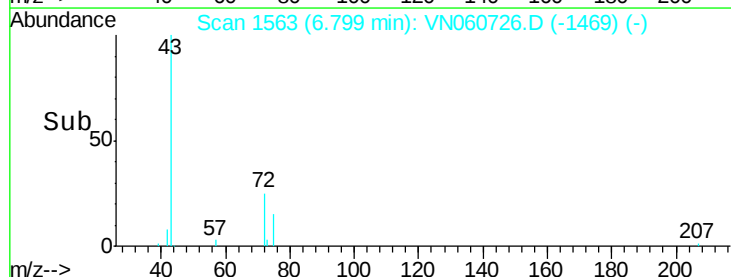
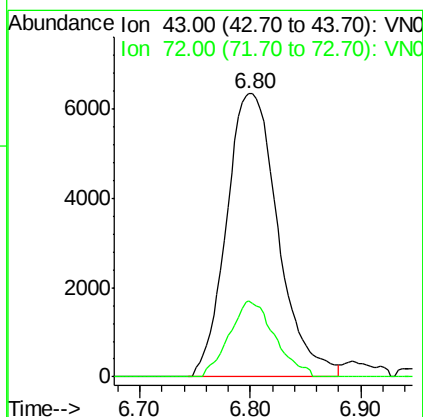
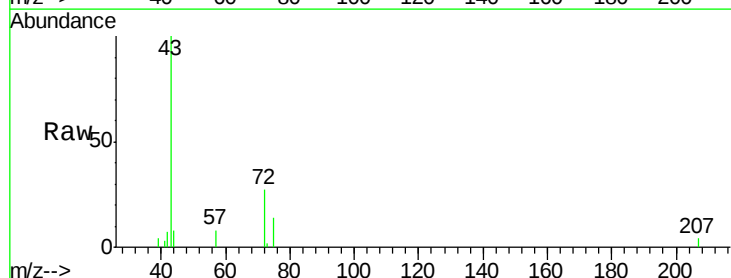
Instrument :
MSVOA_N
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CHASSIS-WASH

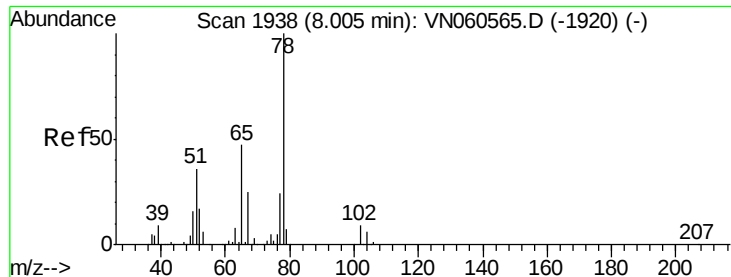
Tot Ion:	84	Resp:	5686
Ion	Ratio	Lower	Upper
84	100		
49	127.6	103.3	154.9
51	45.3	31.6	47.4
86	59.8	52.0	78.0



#25
2-Butanone
Concen: 13.320 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060726.D
Acq: 26 Mar 2020 20:00

Tgt Ion:	43	Resp:	20578
Ion	Ratio	Lower	Upper
43	100		
72	26.9	20.4	30.6





#33

1,2-Dichloroethane-d4

Concen: 48.045 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060726.D

Acq: 26 Mar 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

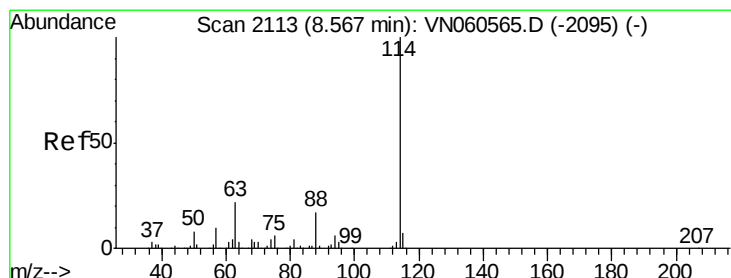
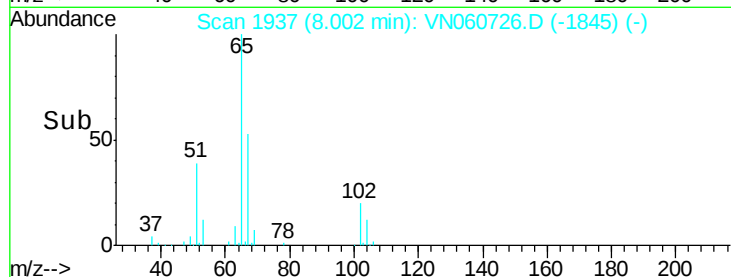
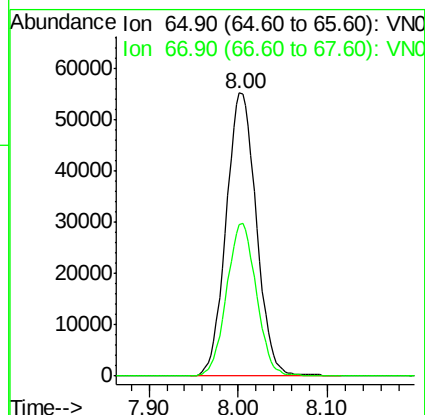
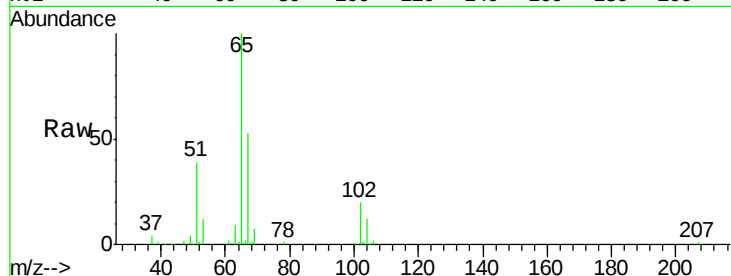
CHASSIS-WASH

Tot Ion: 65 Resp: 129492

Ion Ratio Lower Upper

65 100

67 53.1 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: VN060726.D

Acq: 26 Mar 2020 20:00

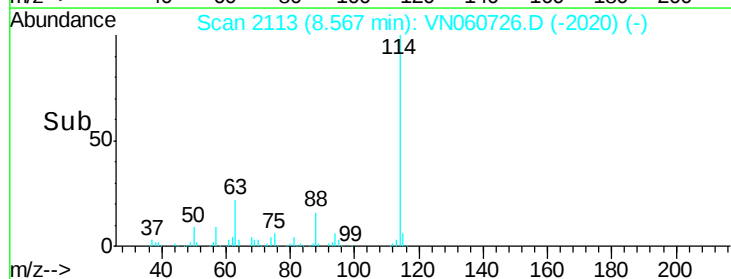
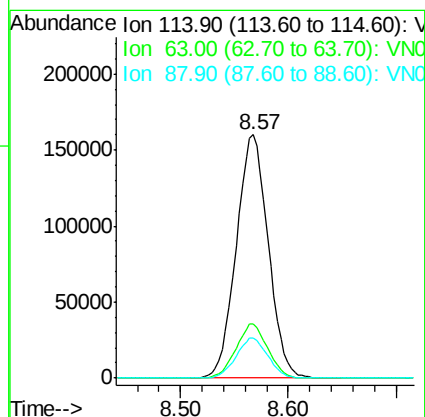
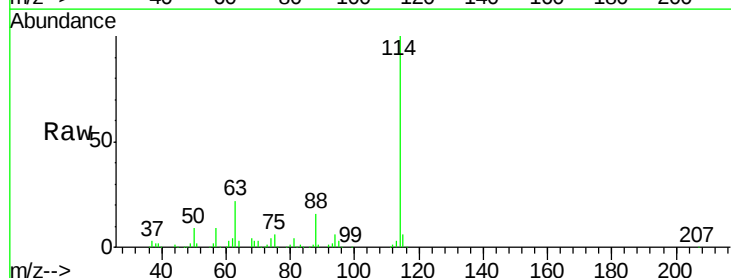
Tgt Ion: 114 Resp: 330300

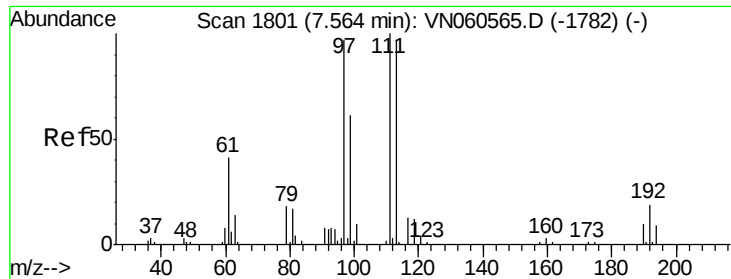
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

88 16.5 0.0 33.0

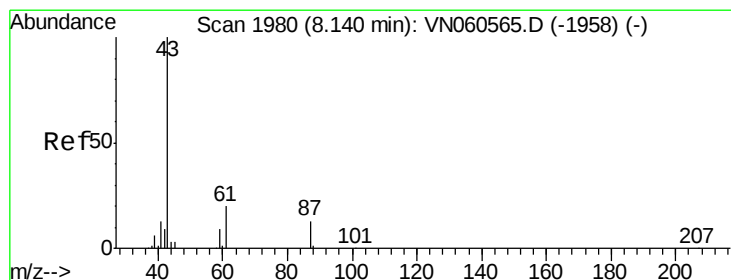
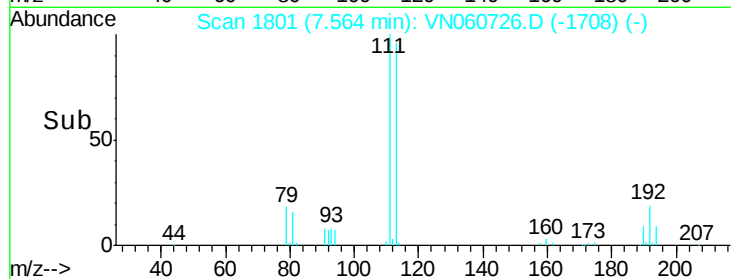
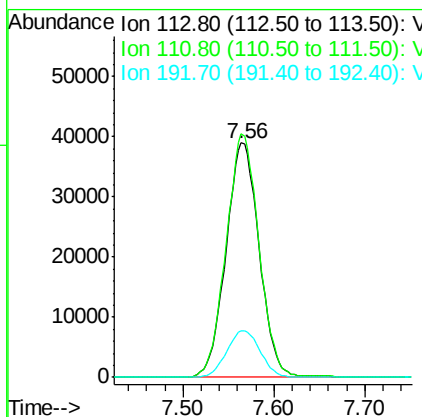
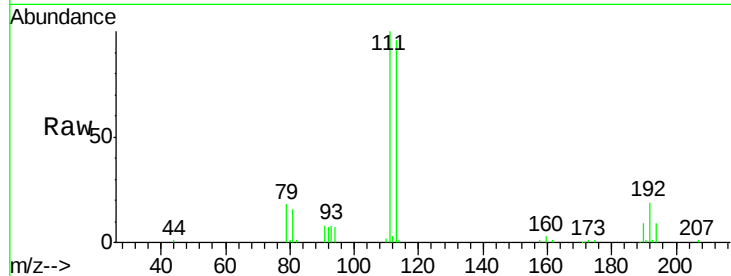




#35
 Dibromofluoromethane
 Concen: 49.458 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060726.D
 Acq: 26 Mar 2020 20:00

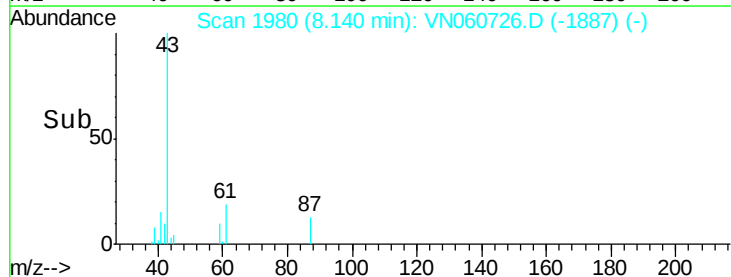
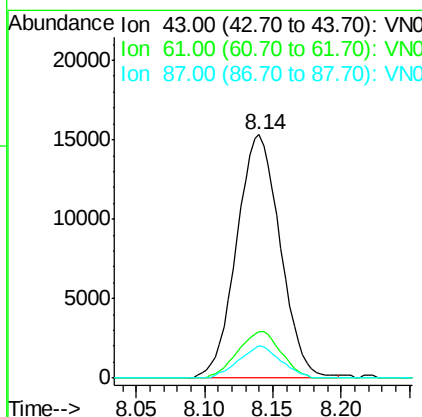
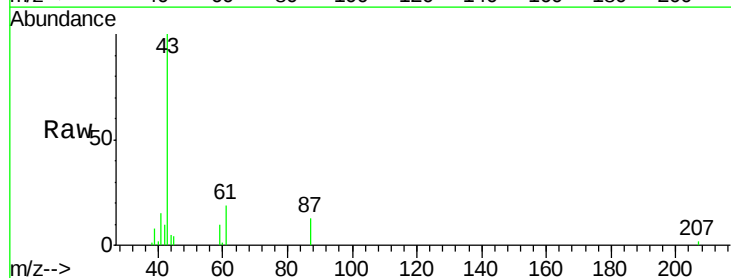
Instrument :
 MSVOA_N
 ClientSampleId :
 CHASSIS-WASH

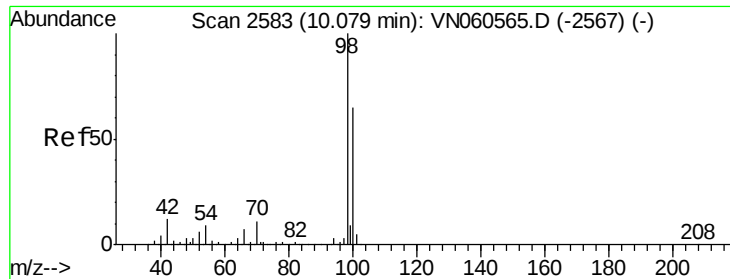
Tot Ion:113 Resp: 98779
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.9 124.3
 192 19.9 15.8 23.8



#43
 Isopropyl Acetate
 Concen: 5.971 ug/l
 RT: 8.14 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN060726.D
 Acq: 26 Mar 2020 20:00

Tgt Ion: 43 Resp: 34032
 Ion Ratio Lower Upper
 43 100
 61 19.0 20.7 31.1#
 87 12.6 9.8 14.8





#50

Toluene-d8

Concen: 50.218 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060726.D

Acq: 26 Mar 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

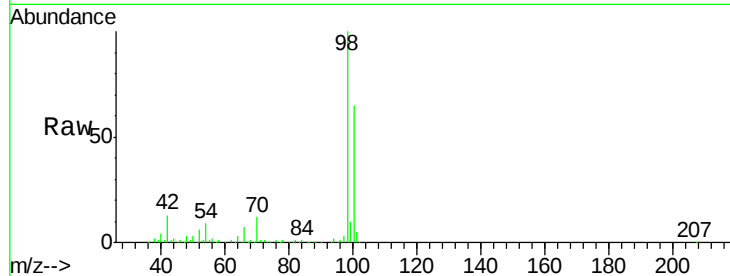
CHASSIS-WASH

Tot Ion: 98 Resp: 409670

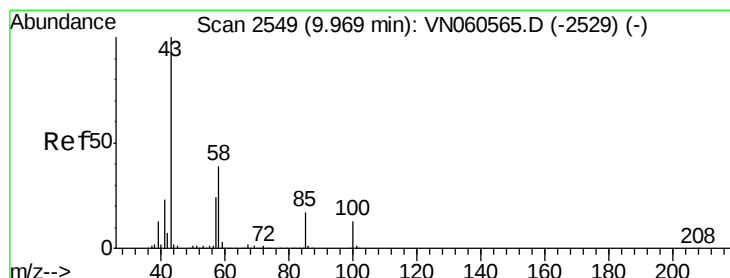
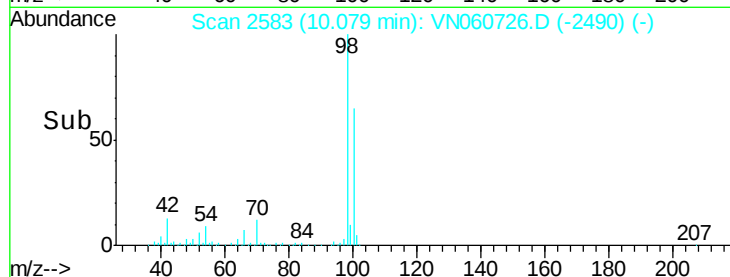
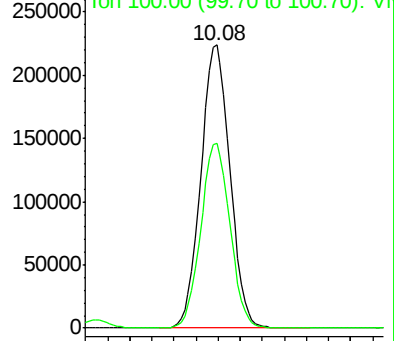
Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060565.D (-2567) (-)



#51

4-Methyl-2-Pentanone

Concen: 27.815 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060726.D

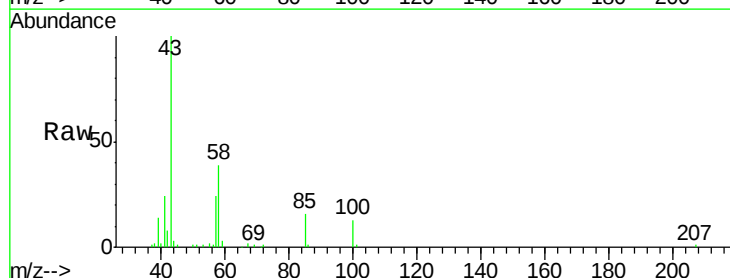
Acq: 26 Mar 2020 20:00

Tgt Ion: 43 Resp: 90209

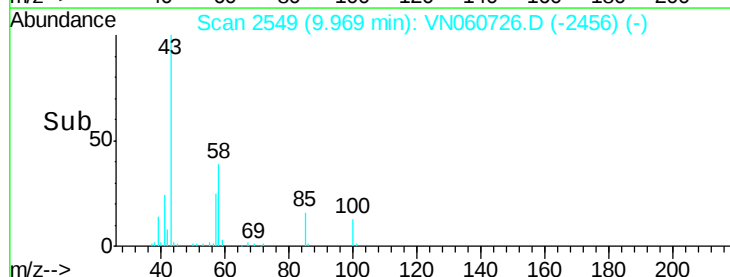
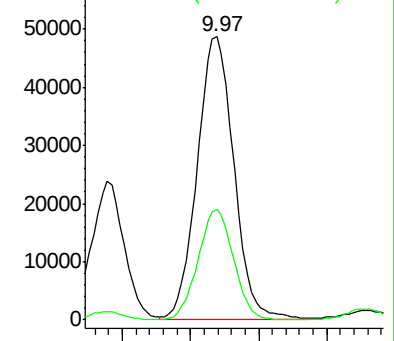
Ion Ratio Lower Upper

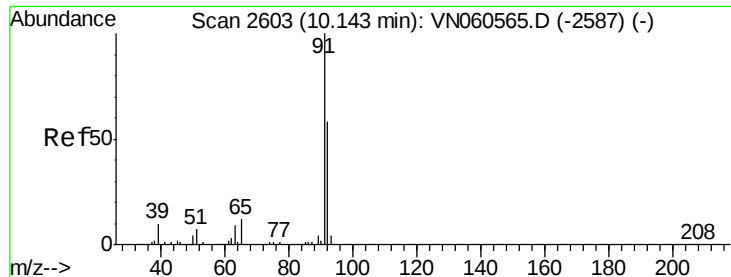
43 100

58 37.9 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-2529) (-)





#52

Toluene

Concen: 1.531 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060726.D

Acq: 26 Mar 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

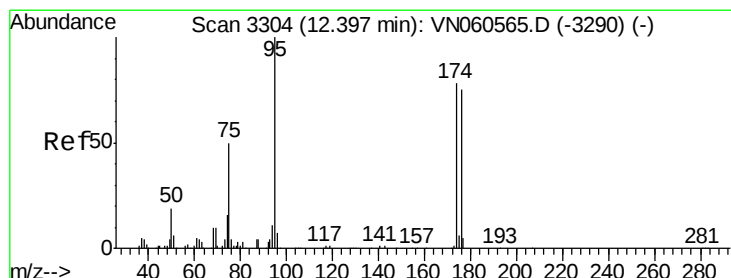
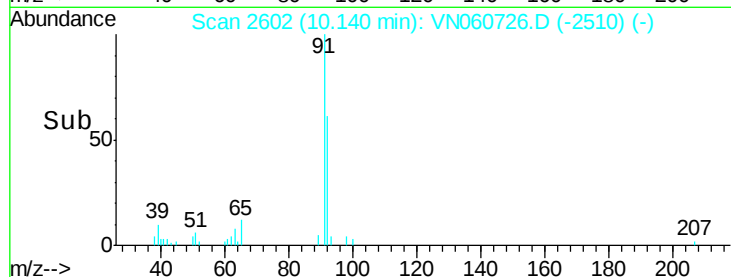
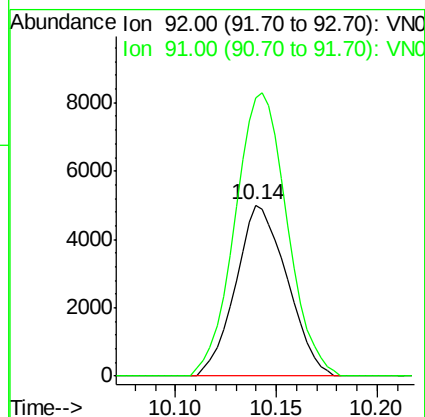
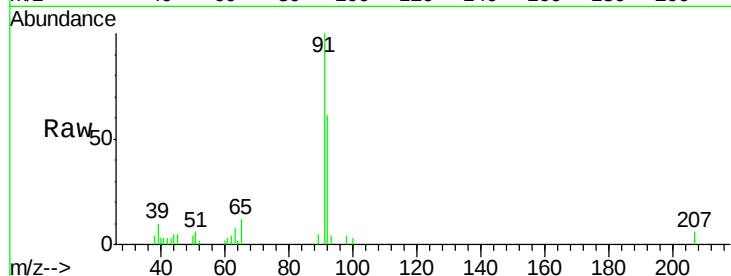
CHASSIS-WASH

Tot Ion: 92 Resp: 8929

Ion Ratio Lower Upper

92 100

91 168.1 137.6 206.4



#62

4-Bromofluorobenzene

Concen: 52.444 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060726.D

Acq: 26 Mar 2020 20:00

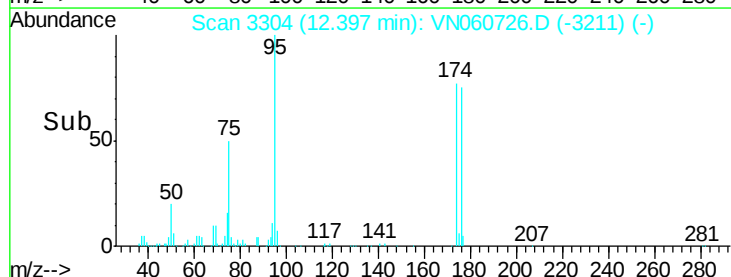
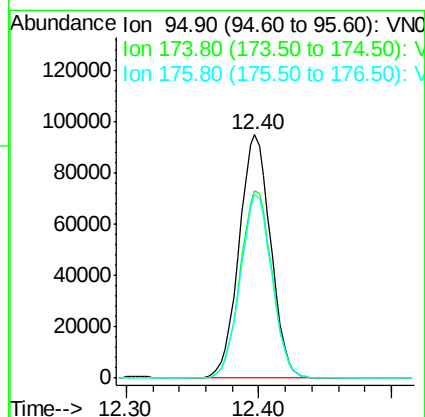
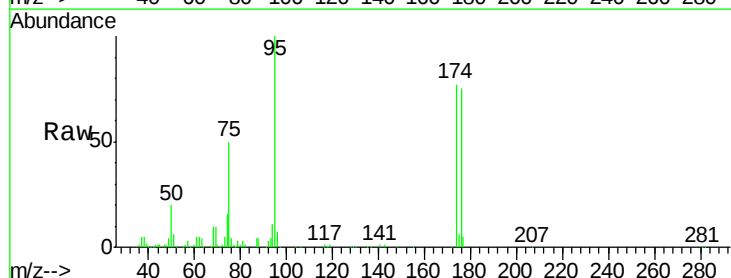
Tgt Ion: 95 Resp: 156795

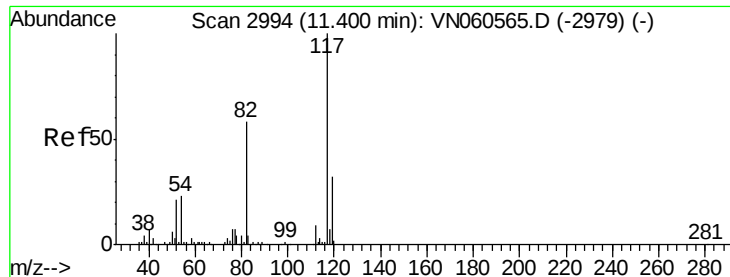
Ion Ratio Lower Upper

95 100

174 77.5 0.0 157.6

176 75.5 0.0 150.6

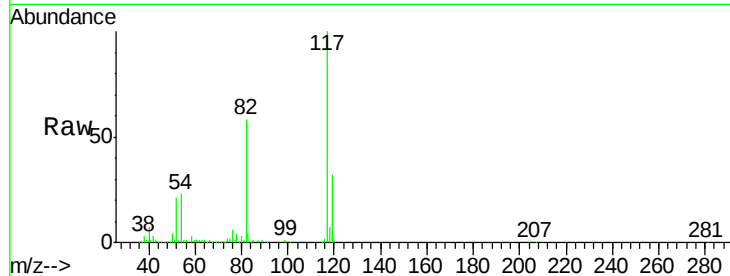




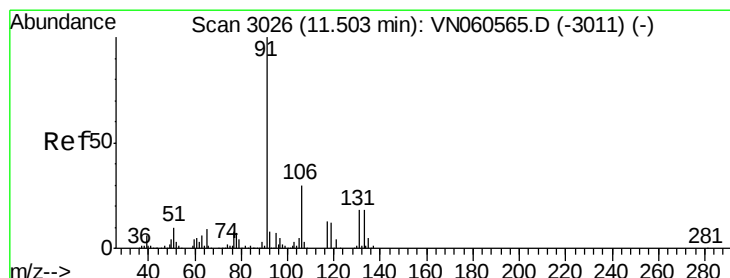
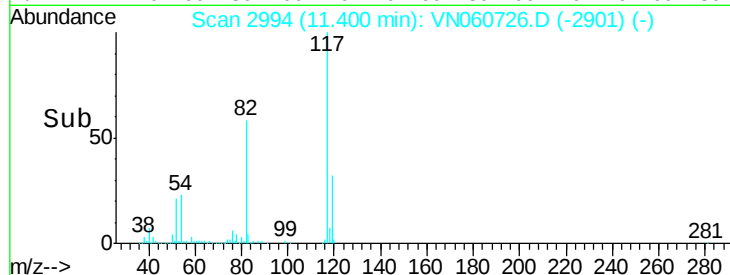
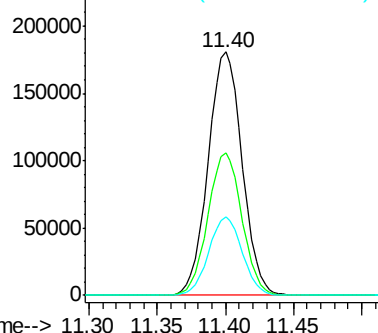
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060726.D
Acq: 26 Mar 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-WASH

Tot Ion:117 Resp: 313165
Ion Ratio Lower Upper
117 100
82 58.3 46.7 70.1
119 32.0 25.5 38.3

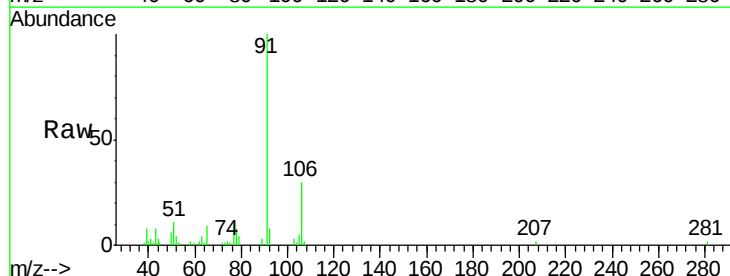


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

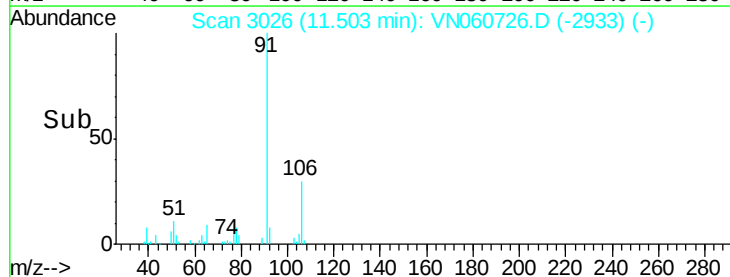
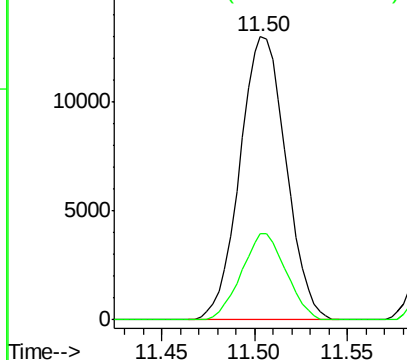


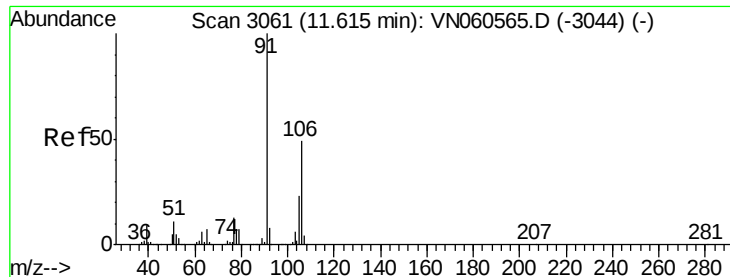
#67
Ethyl Benzene
Concen: 1.943 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060726.D
Acq: 26 Mar 2020 20:00

Tgt Ion: 91 Resp: 22429
Ion Ratio Lower Upper
91 100
106 30.4 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: 5.624 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060726.D

Acq: 26 Mar 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

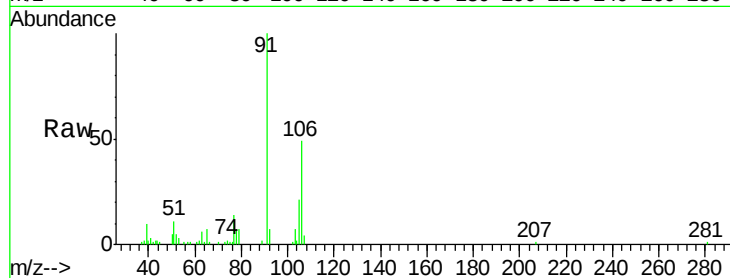
CHASSIS-WASH

Tot Ion:106 Resp: 24128

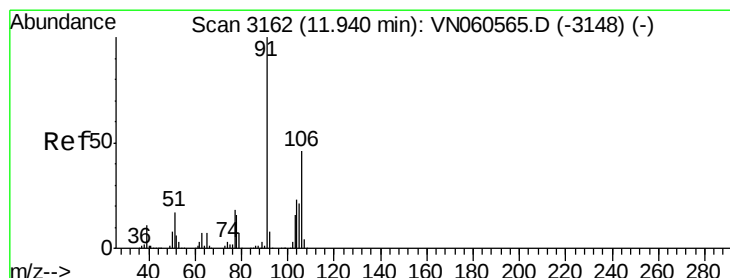
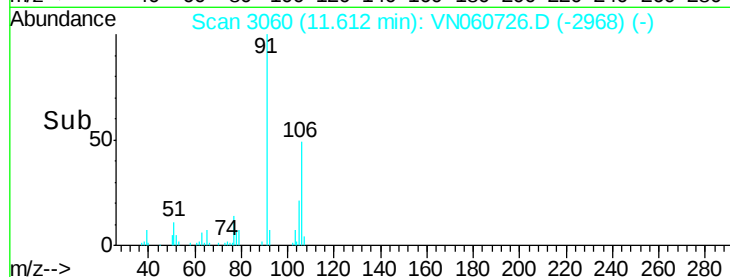
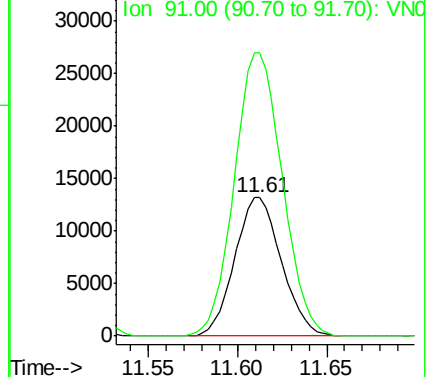
Ion Ratio Lower Upper

106 100

91 209.8 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): V



#69

o-Xylene

Concen: 3.864 ug/l

RT: 11.94 min Scan# 3163

Delta R.T. 0.00 min

Lab File: VN060726.D

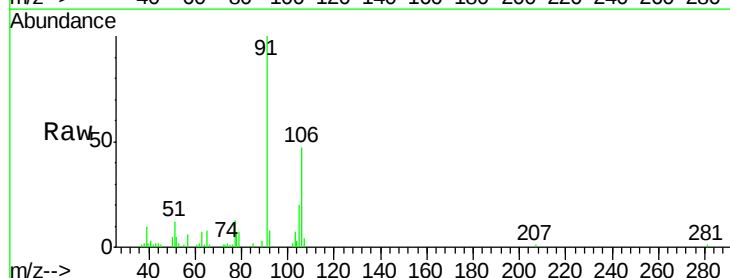
Acq: 26 Mar 2020 20:00

Tgt Ion:106 Resp: 15825

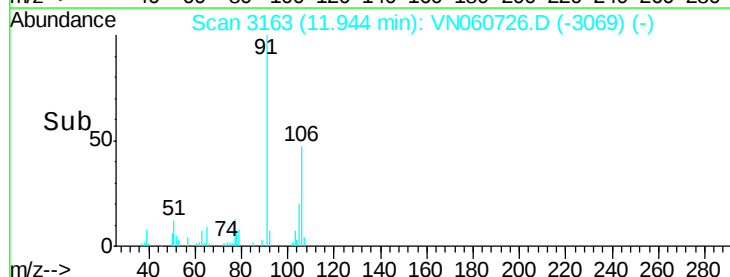
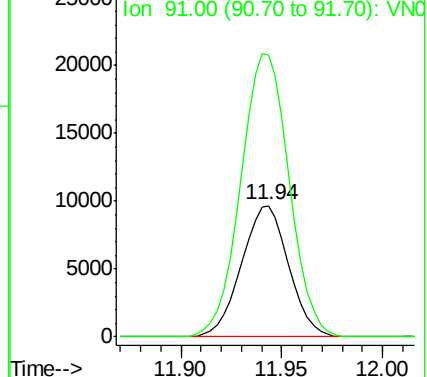
Ion Ratio Lower Upper

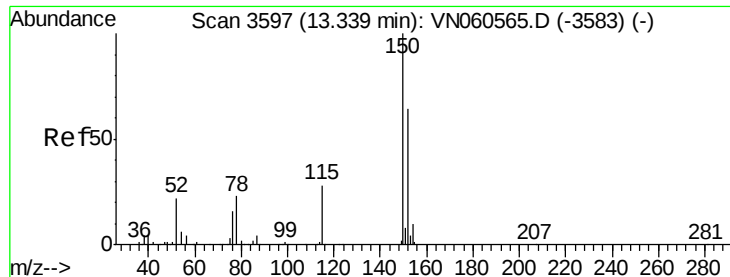
106 100

91 221.1 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): 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: VN060726.D

Acq: 26 Mar 2020 20:00

Instrument :

MSVOA_N

ClientSampleId :

CHASSIS-WASH

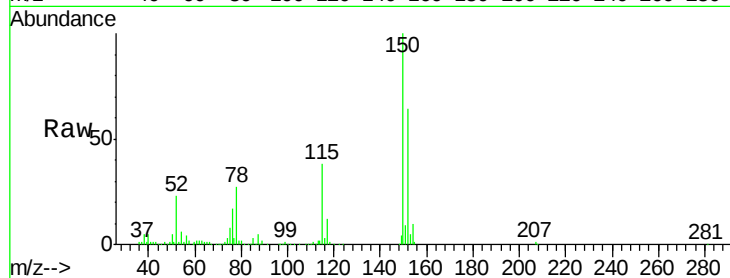
Tot Ion:152 Resp: 149761

Ion Ratio Lower Upper

152 100

115 60.4 30.2 90.6

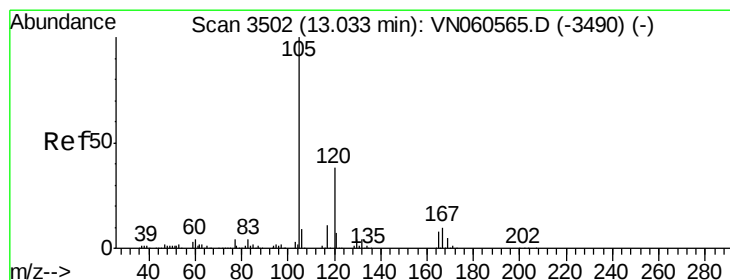
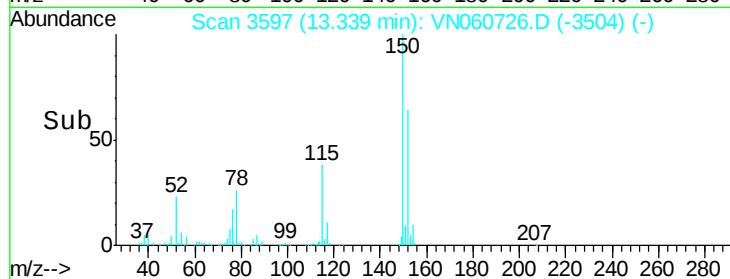
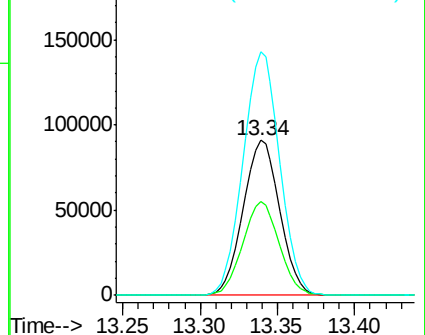
150 157.4 0.0 350.2



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: 4.337 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060726.D

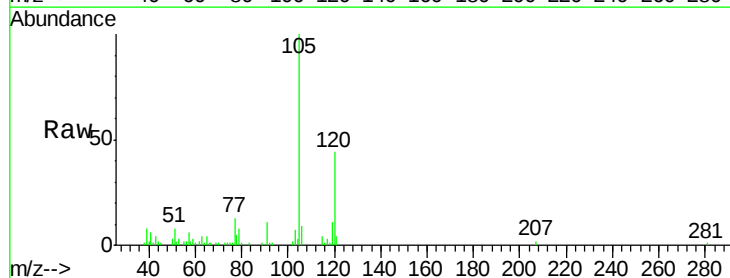
Acq: 26 Mar 2020 20:00

Tgt Ion:105 Resp: 40923

Ion Ratio Lower Upper

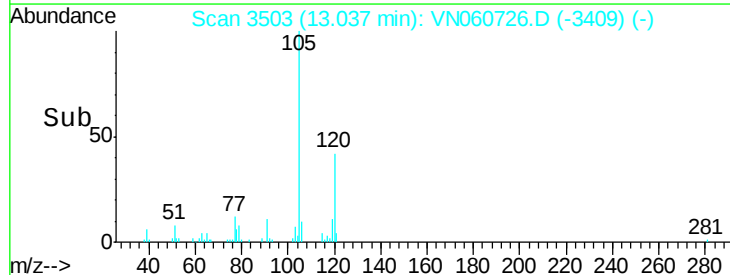
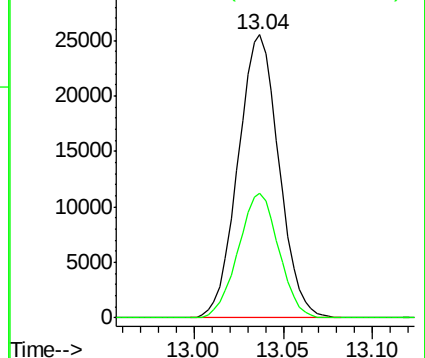
105 100

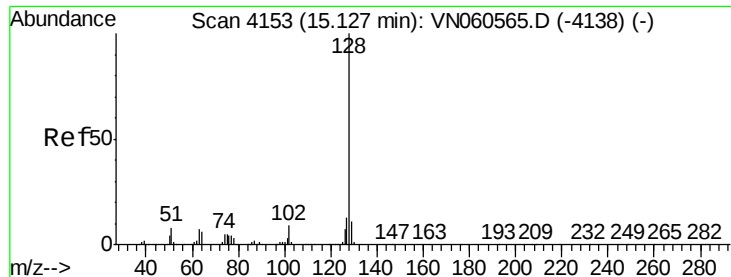
120 43.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 1.253 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060726.D
Acq: 26 Mar 2020 20:00

Instrument :
MSVOA_N
ClientSampleId :
CHASSIS-WASH

Tot Ion:128 Resp: 10571
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.0 8.8 13.2

