

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022719\
 Data File : VN053980.D
 Acq On : 27 Feb 2019 20:37
 Operator : JC/SP
 Sample : K1353-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-022619-A

Quant Time: Feb 28 07:43:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	579285	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1116557	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1072256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	398796	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	392921	57.86	ug/l	0.00
Spiked Amount			Recovery	=	115.72%	
35) Dibromofluoromethane	7.59	113	361691	50.09	ug/l	0.00
Spiked Amount			Recovery	=	100.18%	
50) Toluene-d8	10.09	98	1406987	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.40	95	464967	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	

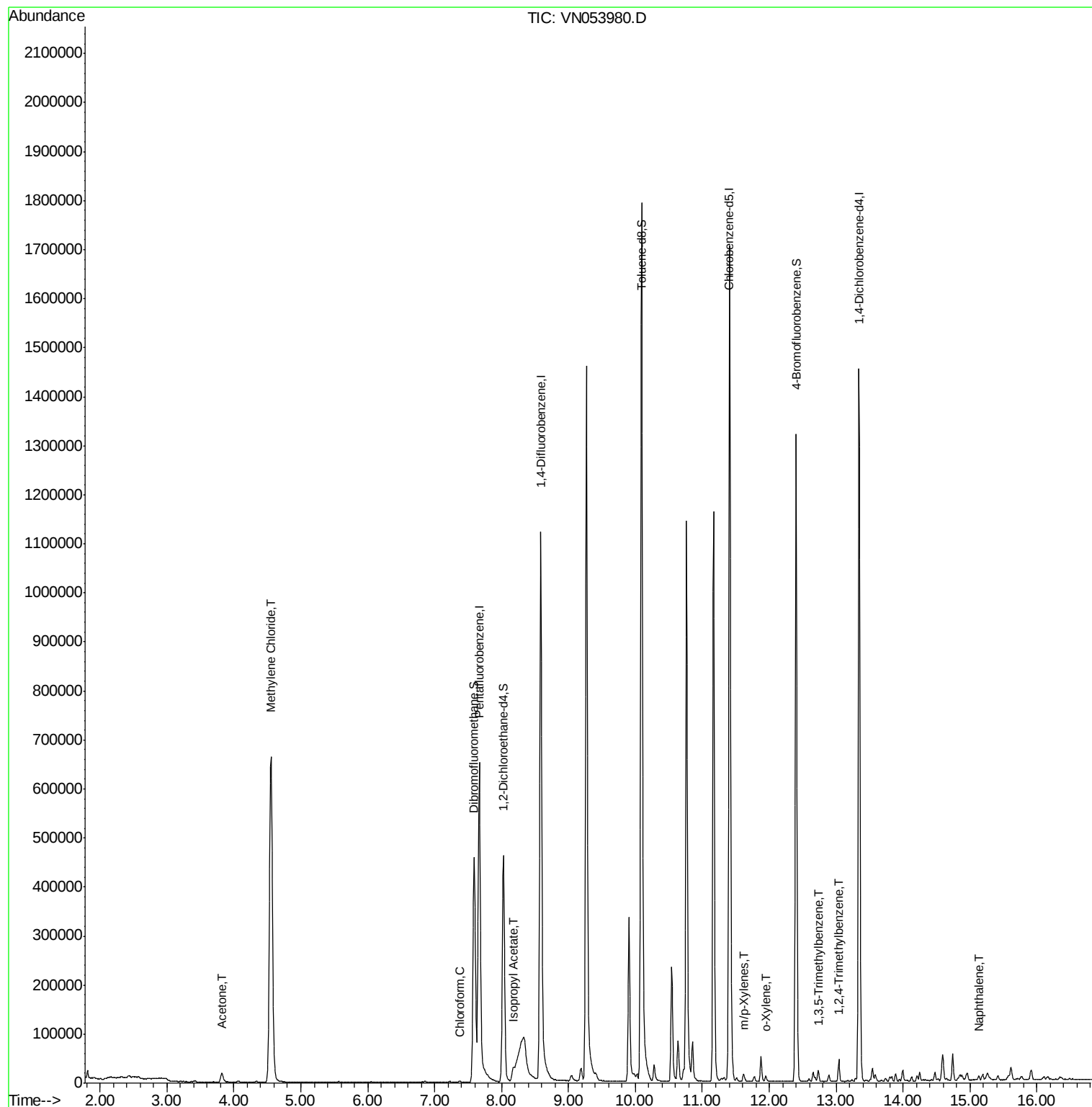
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	31061	5.383	ug/l	97
20) Methylene Chloride	4.55	84	505392	75.199	ug/l	90
30) Chloroform	7.38	83	2473	0.215	ug/l	96
43) Isopropyl Acetate	8.17	43	33885	2.707	ug/l #	89
68) m/p-Xylenes	11.62	106	5298	0.370	ug/l	99
69) o-Xylene	11.95	106	3153	0.224	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	11189	0.440	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	25949	1.023	ug/l	94
95) Naphthalene	15.14	128	7705	3.668	ug/l #	94

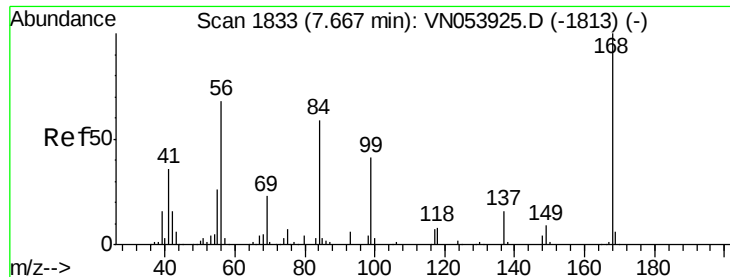
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053980.D

Acq: 27 Feb 2019 20:37

Instrument :

MSVOA_N

ClientSampled :

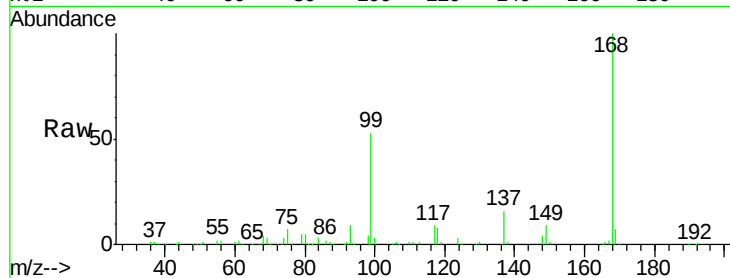
PL-02-022619-A

Tot Ion:168 Resp: 579285

Ion Ratio Lower Upper

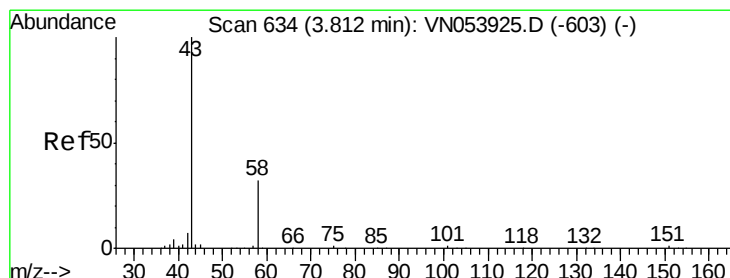
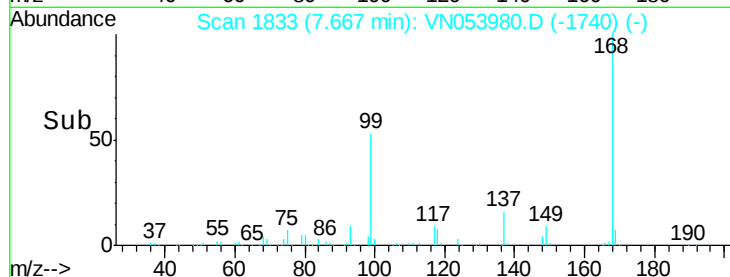
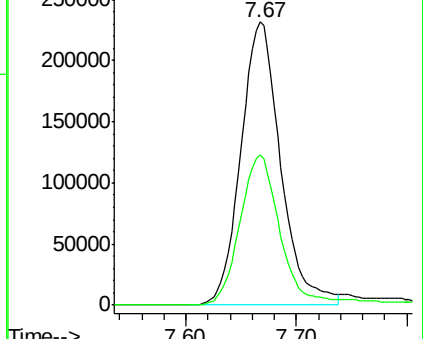
168 100

99 53.3 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.383 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053980.D

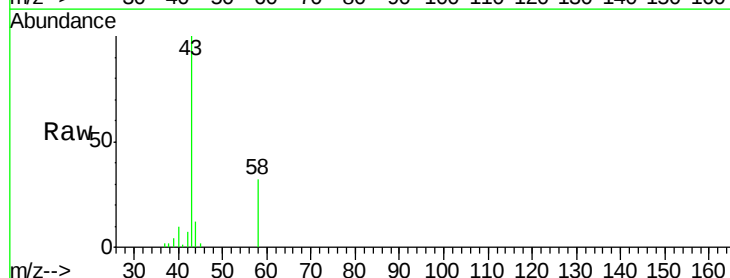
Acq: 27 Feb 2019 20:37

Tgt Ion: 43 Resp: 31061

Ion Ratio Lower Upper

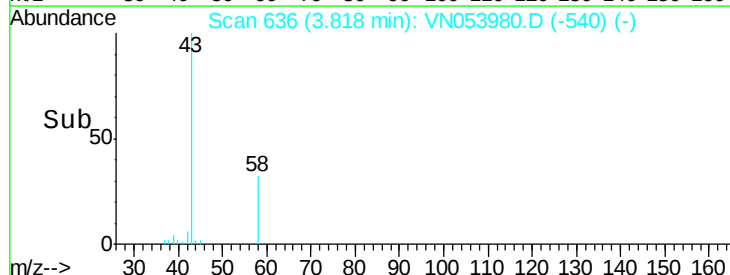
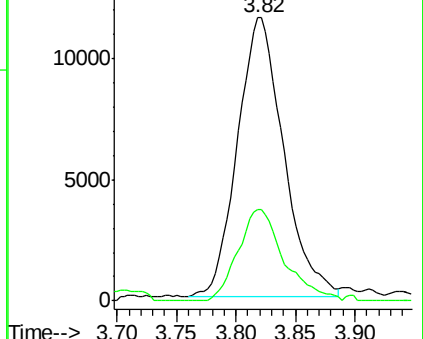
43 100

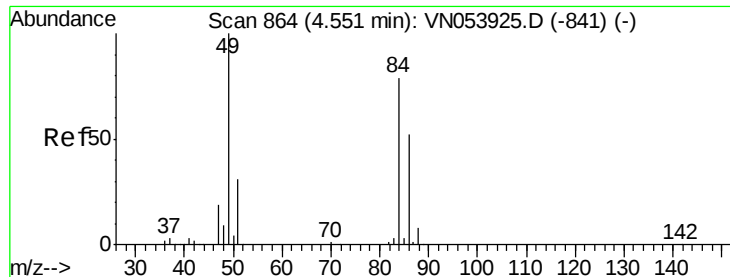
58 32.6 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



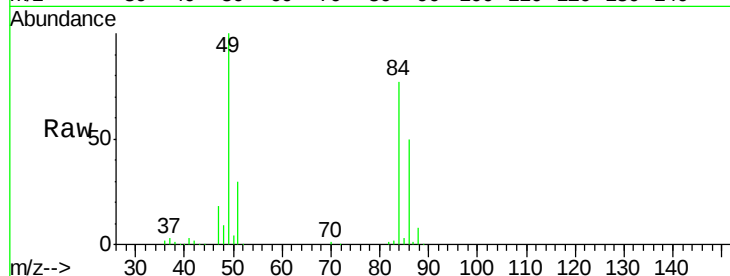


#20
Methvlene Chloride
Concen: 75.199 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053980.D
Acq: 27 Feb 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
PL-02-022619-A

Tot Ion: 84 Resp: 505392

Ion	Ratio	Lower	Upper
84	100		
49	129.5	89.7	134.5
51	39.3	27.8	41.8
86	65.0	51.3	76.9



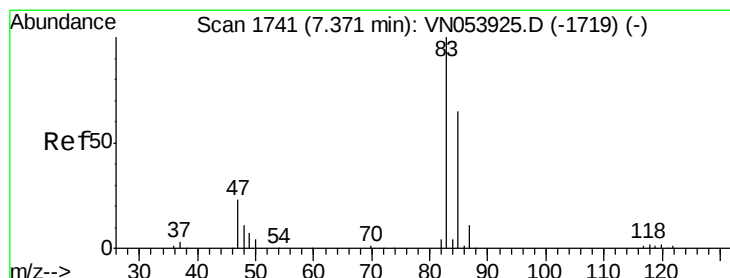
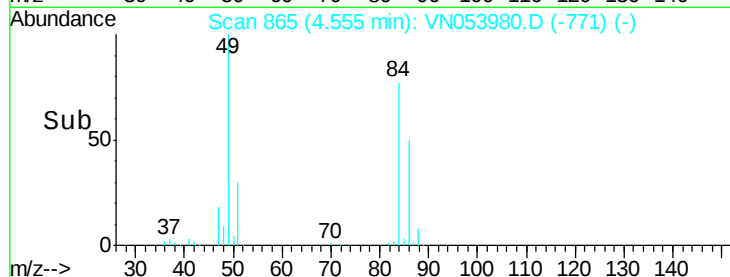
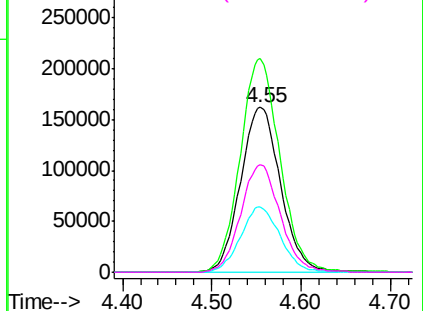
Abundance

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

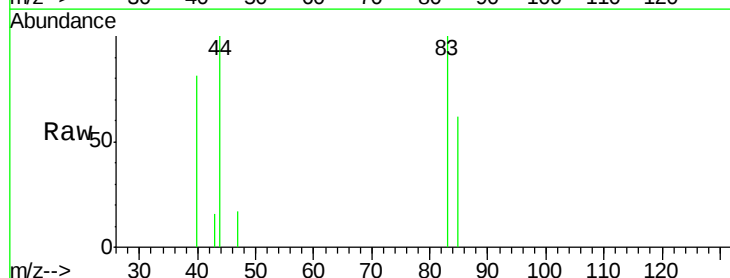
Ion 85.90 (85.60 to 86.60): VNO



#30
Chloroform
Concen: 0.215 ug/l
RT: 7.38 min Scan# 1743
Delta R.T. 0.01 min
Lab File: VN053980.D
Acq: 27 Feb 2019 20:37

Tgt Ion: 83 Resp: 2473

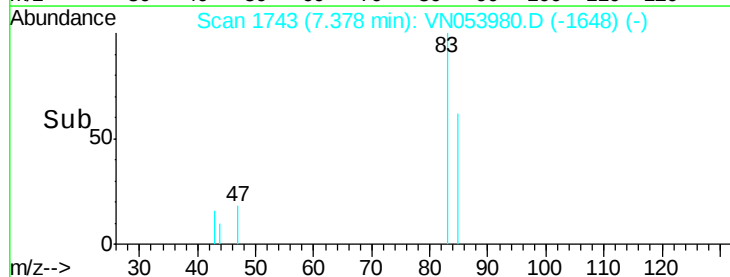
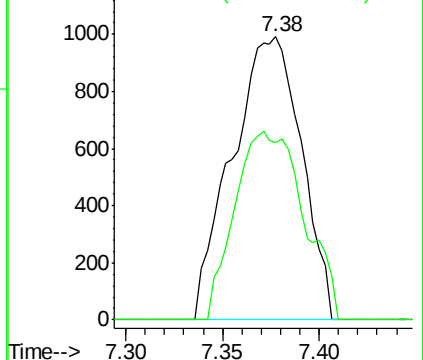
Ion	Ratio	Lower	Upper
83	100		
85	62.5	52.6	78.8

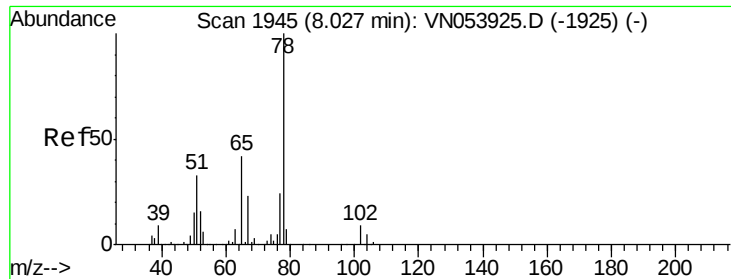


Abundance

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

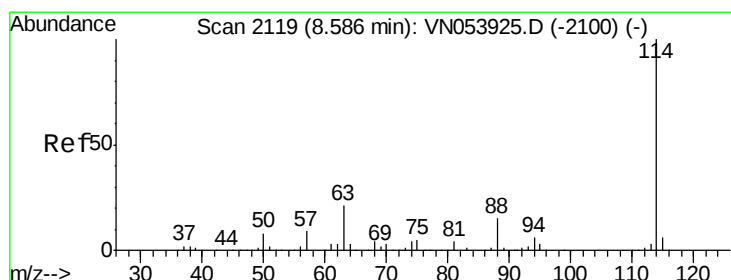
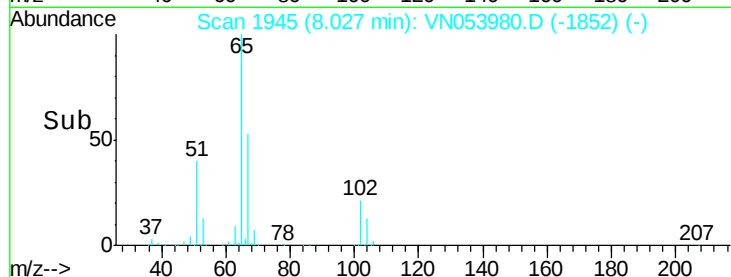
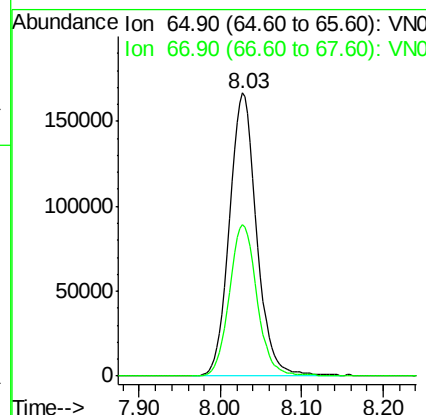
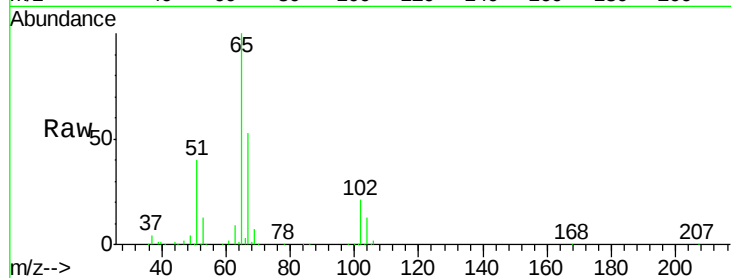




#33
 1,2-Dichloroethane-d4
 Concen: 57.863 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053980.D
 Acq: 27 Feb 2019 20:37

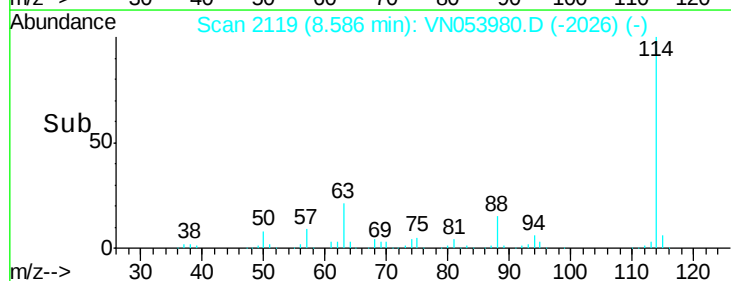
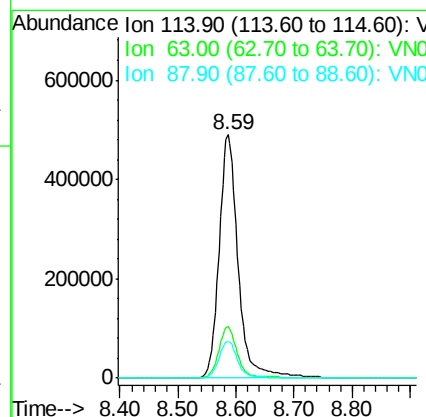
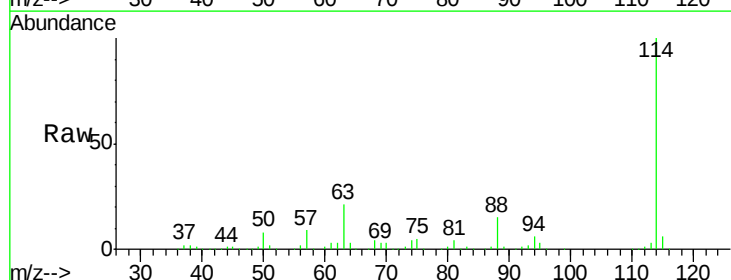
Instrument :
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 PL-02-022619-A

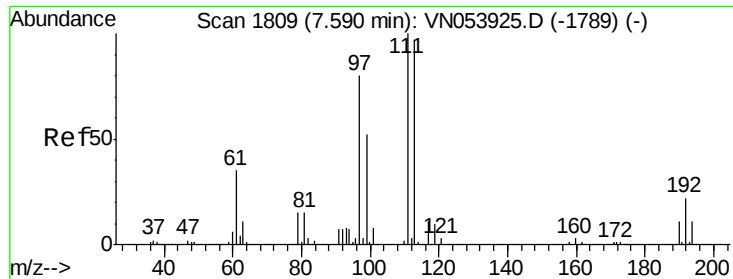
Tot Ion: 65 Resp: 392921
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053980.D
 Acq: 27 Feb 2019 20:37

Tgt Ion: 114 Resp: 1116557
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.4
 88 15.1 0.0 30.4

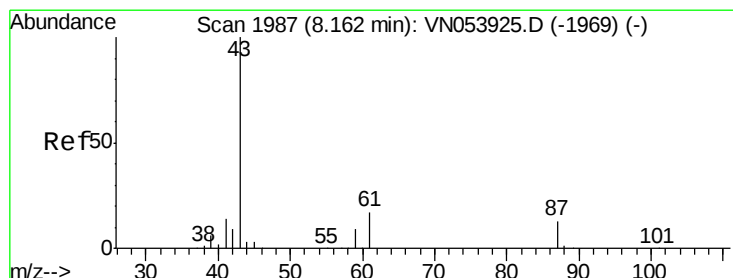
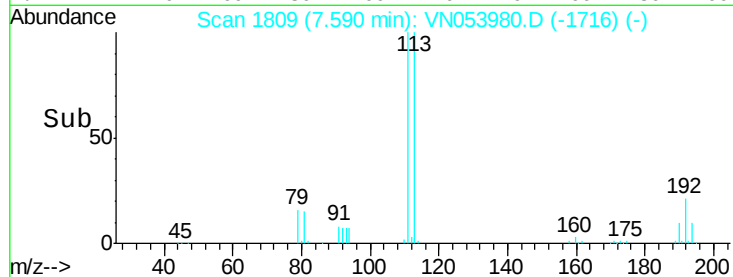
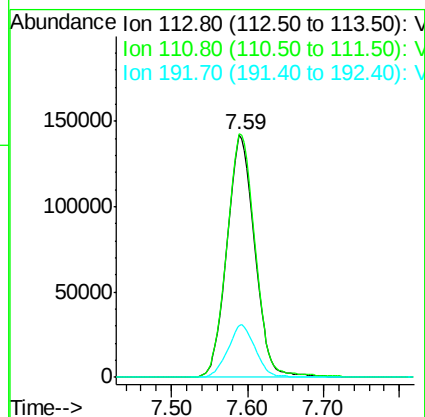
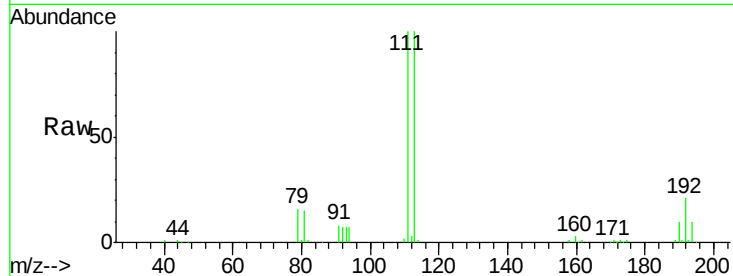




#35
 Dibromofluoromethane
 Concen: 50.094 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053980.D
 Acq: 27 Feb 2019 20:37

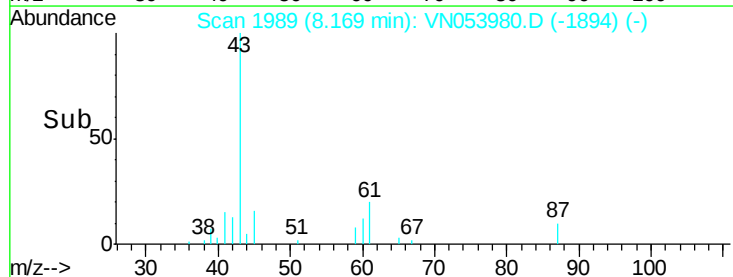
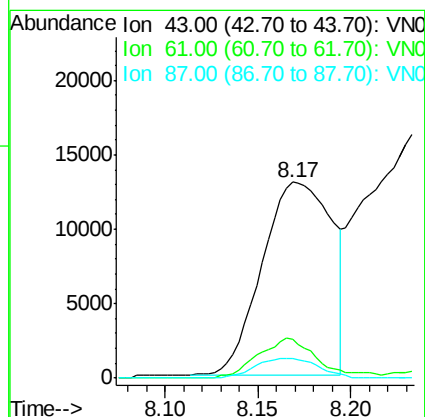
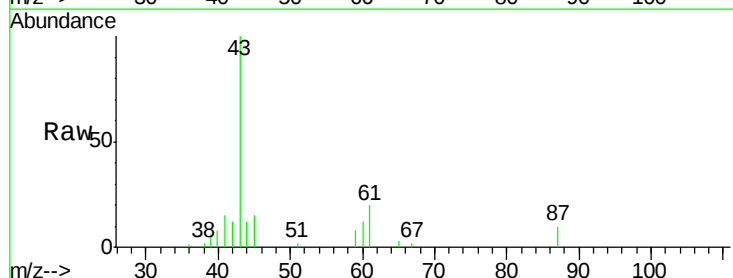
Instrument :
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 ClientSampleId :
 PL-02-022619-A

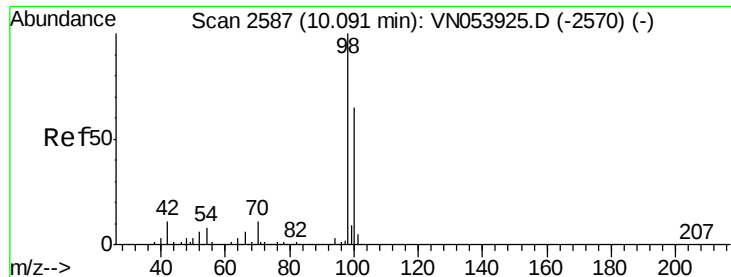
Tot Ion:113 Resp: 361691
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.1 121.7
 192 21.5 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.707 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053980.D
 Acq: 27 Feb 2019 20:37

Tgt Ion: 43 Resp: 33885
 Ion Ratio Lower Upper
 43 100
 61 16.8 17.4 26.0#
 87 9.3 11.5 17.3#





#50

Toluene-d8

Concen: 52.347 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053980.D

Acq: 27 Feb 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

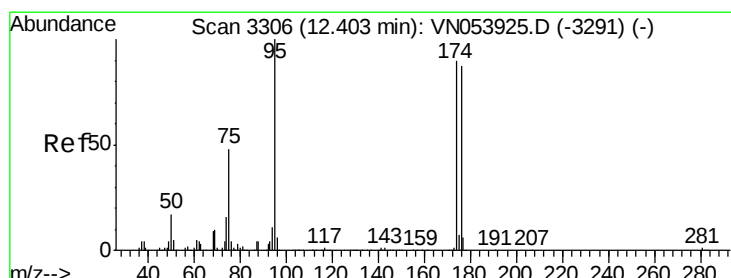
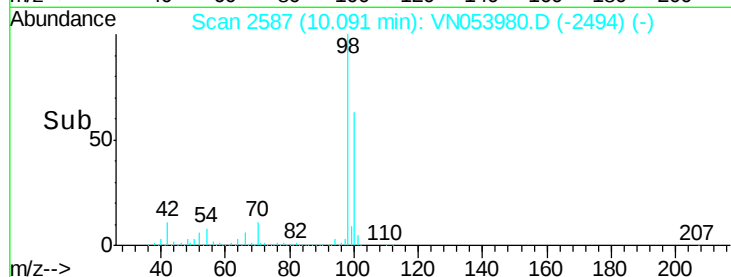
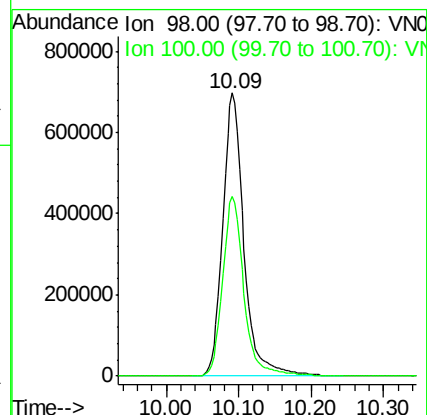
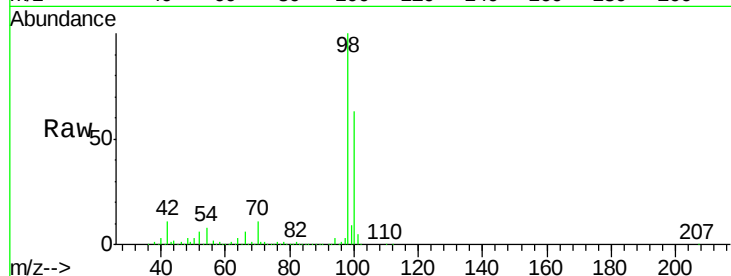
PL-02-022619-A

Tot Ion: 98 Resp: 1406987

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 51.923 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053980.D

Acq: 27 Feb 2019 20:37

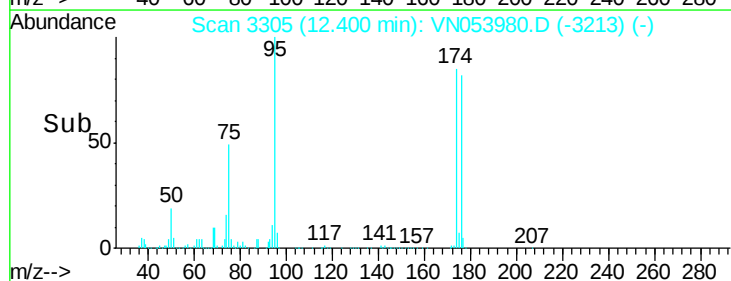
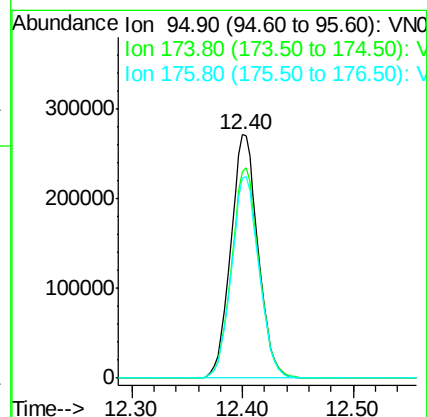
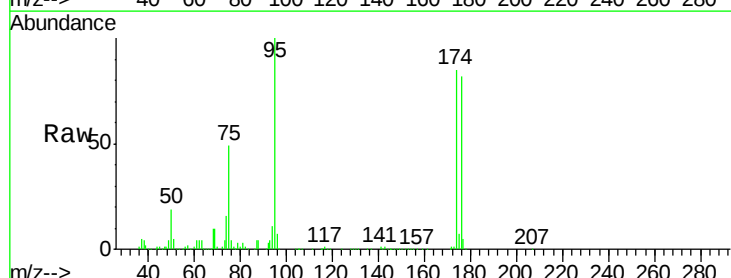
Tgt Ion: 95 Resp: 464967

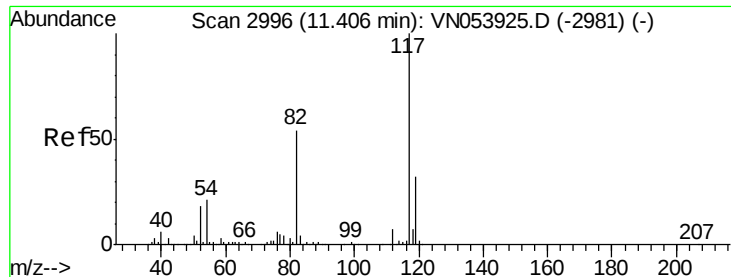
Ion Ratio Lower Upper

95 100

174 86.9 0.0 188.8

176 83.4 0.0 182.6

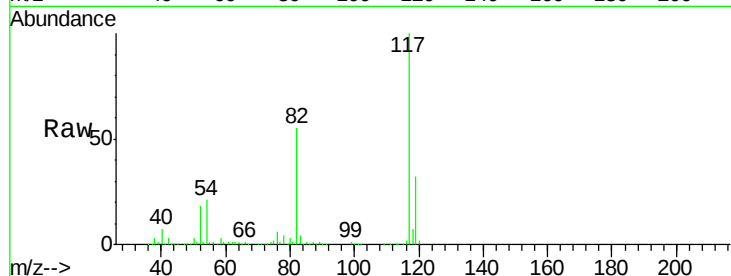




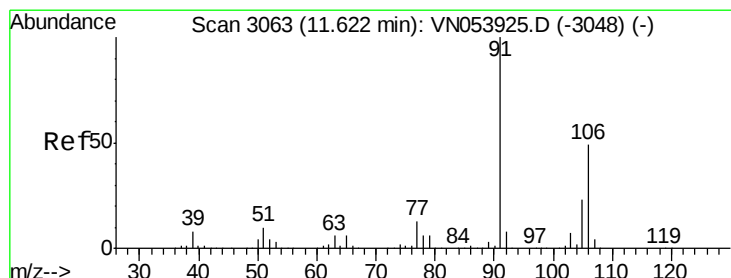
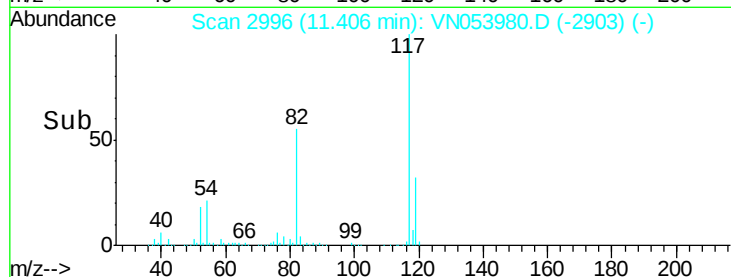
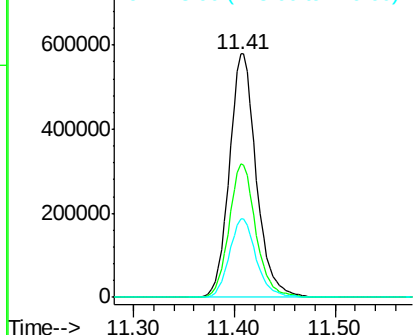
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053980.D
Acq: 27 Feb 2019 20:37

Instrument :
MSVOA_N
ClientSampleId :
PL-02-022619-A

Tot Ion:117 Resp: 1072256
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.2
119 32.0 25.3 37.9

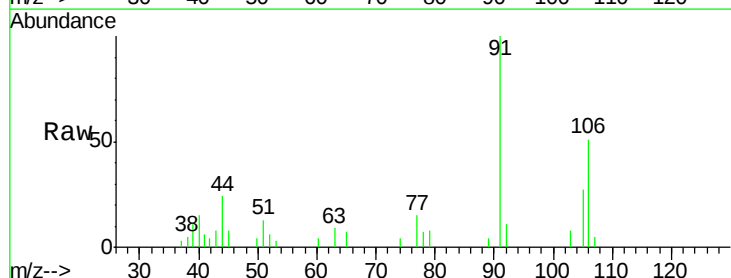


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

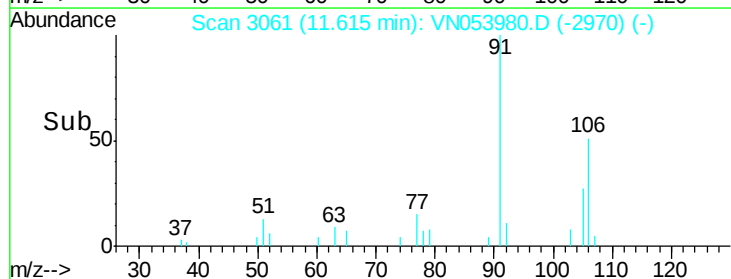
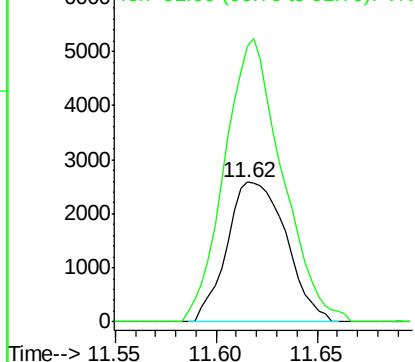


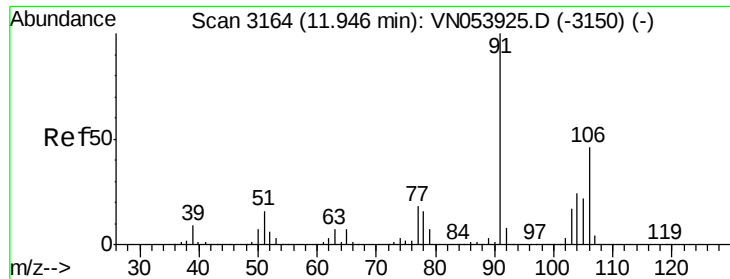
#68
m/p-Xylenes
Concen: 0.370 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053980.D
Acq: 27 Feb 2019 20:37

Tgt Ion:106 Resp: 5298
Ion Ratio Lower Upper
106 100
91 197.1 158.9 238.3



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

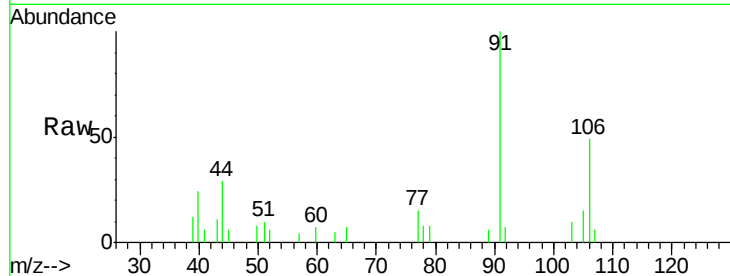




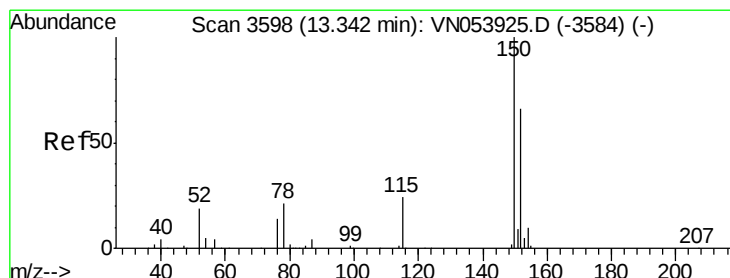
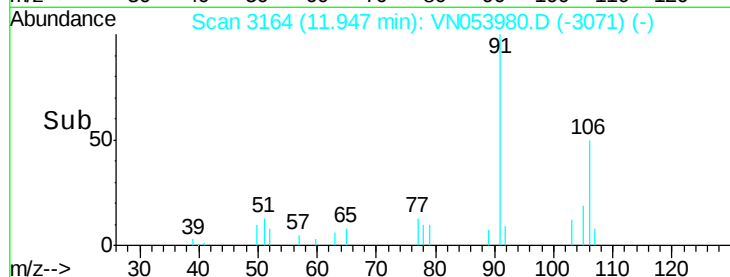
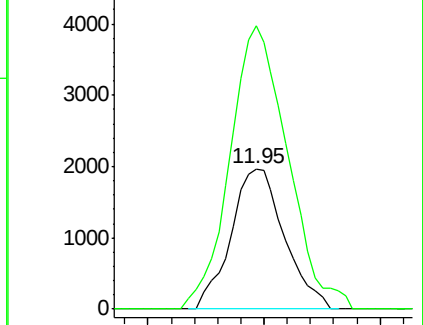
#69
o-Xylene
Concen: 0.224 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053980.D
Acq: 27 Feb 2019 20:37

Instrument :
MSVOA_N
ClientSampled :
PL-02-022619-A

Tot Ion:106 Resp: 3153
Ion Ratio Lower Upper
106 100
91 217.7 106.0 318.0

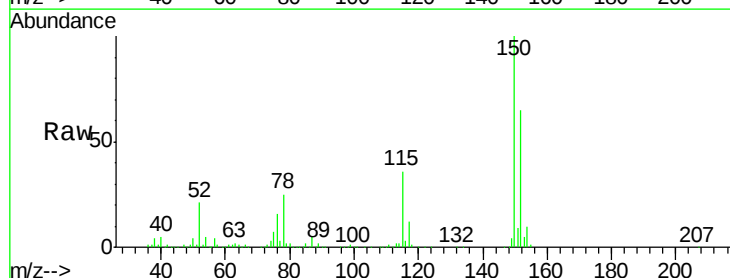


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

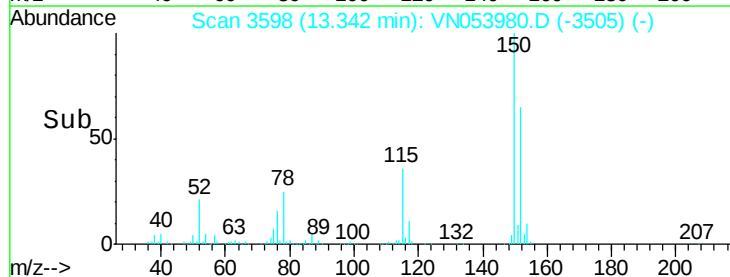
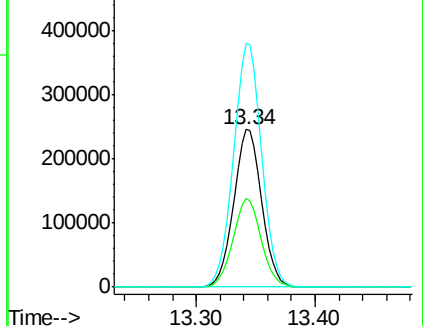


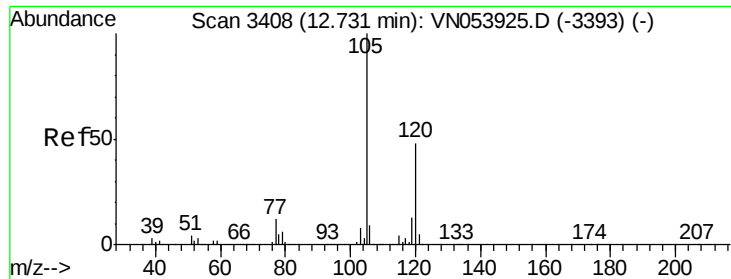
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053980.D
Acq: 27 Feb 2019 20:37

Tgt Ion:152 Resp: 398796
Ion Ratio Lower Upper
152 100
115 56.7 27.2 81.6
150 155.6 0.0 348.2



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

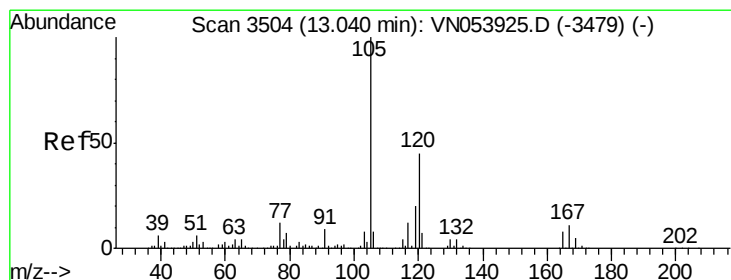
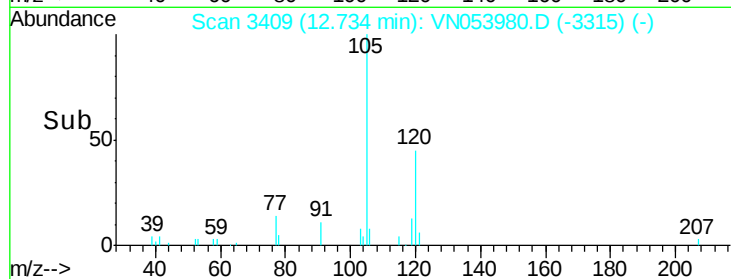
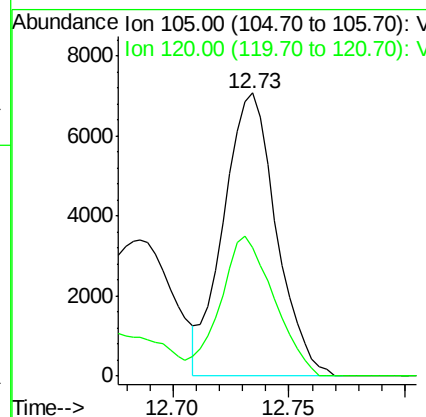
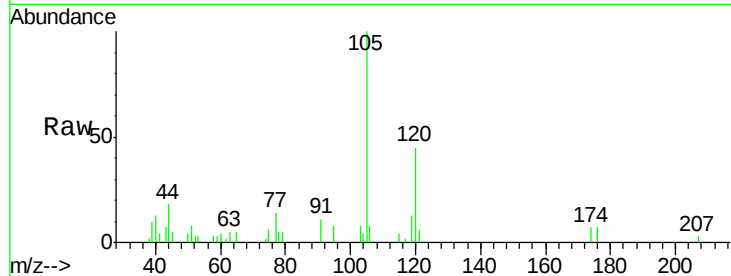




#80
 1,3,5-Trimethylbenzene
 Concen: 0.440 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN053980.D
 Acq: 27 Feb 2019 20:37

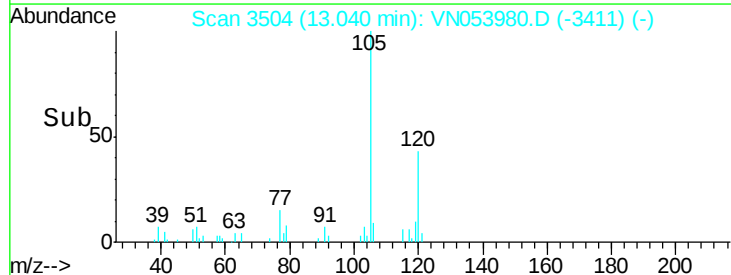
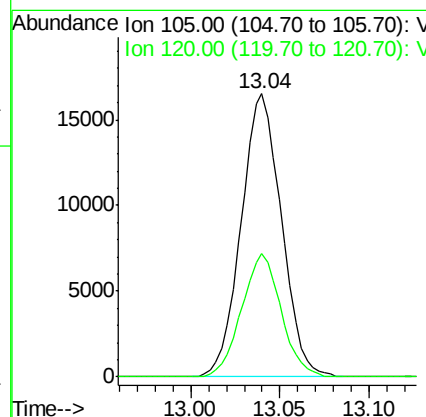
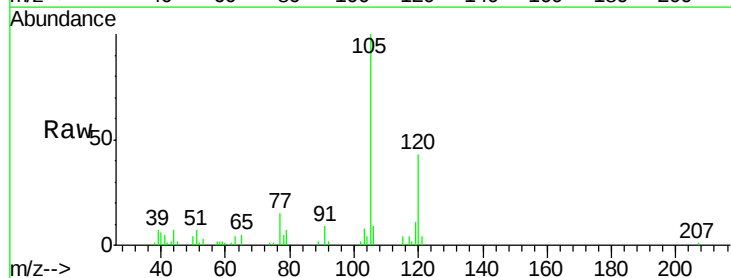
Instrument :
 MSVOA_N
 ClientSampleId :
 PL-02-022619-A

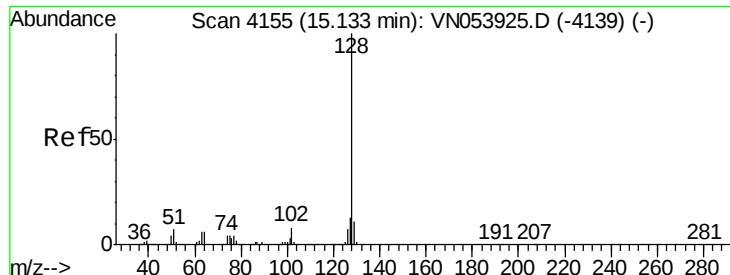
Tot Ion:105 Resp: 11189
 Ion Ratio Lower Upper
 105 100
 120 50.5 25.1 75.2



#84
 1,2,4-Trimethylbenzene
 Concen: 1.023 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053980.D
 Acq: 27 Feb 2019 20:37

Tgt Ion:105 Resp: 25949
 Ion Ratio Lower Upper
 105 100
 120 42.5 23.2 69.5





#95

Naphthalene

Concen: 3.668 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053980.D

Acq: 27 Feb 2019 20:37

Instrument :

MSVOA_N

ClientSampleId :

PL-02-022619-A

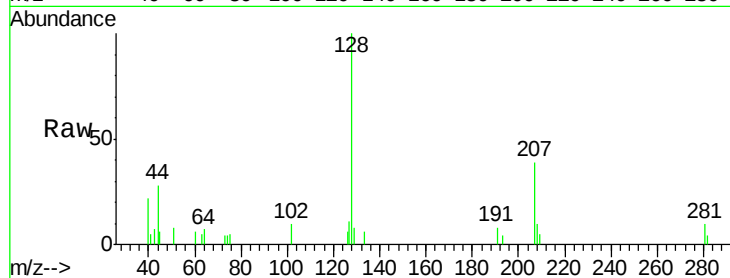
Tot Ion:128 Resp: 7705

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.2

129 7.6 8.6 12.8#



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

