

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053757.D
 Acq On : 13 Feb 2019 16:09
 Operator : JC/SP
 Sample : K1343-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-H

Quant Time: Feb 14 01:11:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	681227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1119216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1056180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	457458	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	362980	53.11	ug/l	0.00
Spiked Amount						
			Recovery	=	106.22%	
35) Dibromofluoromethane	7.59	113	358867	50.74	ug/l	0.00
Spiked Amount						
			Recovery	=	101.48%	
50) Toluene-d8	10.09	98	1372788	51.70	ug/l	0.00
Spiked Amount						
			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	464247	52.42	ug/l	0.00
Spiked Amount						
			Recovery	=	104.84%	

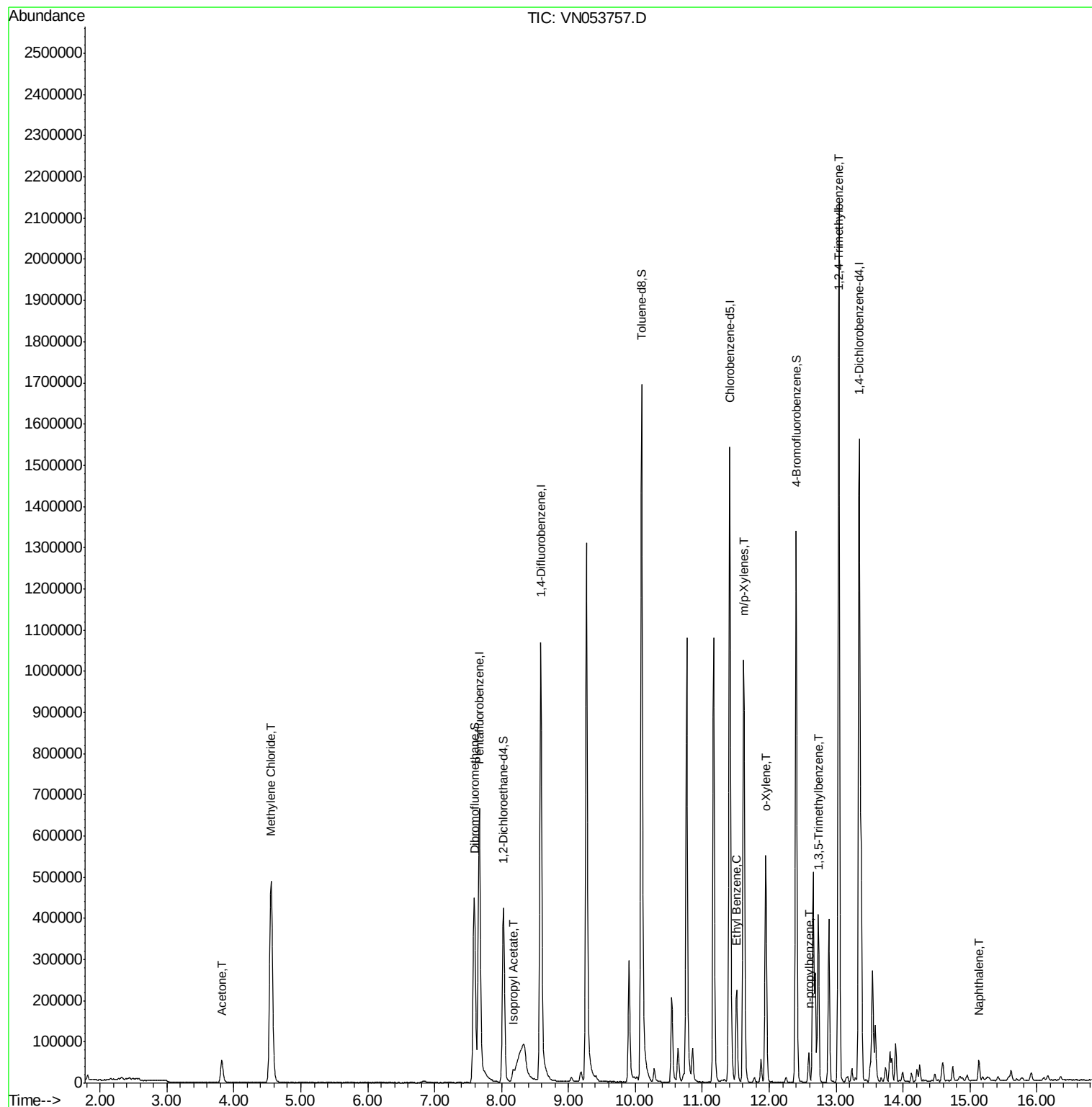
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	93567	53.377	ug/l	100
20) Methylene Chloride	4.56	84	400075	54.400	ug/l	96
43) Isopropyl Acetate	8.17	43	35339	3.247	ug/l #	78
67) Ethyl Benzene	11.51	91	177404	4.814	ug/l	99
68) m/p-Xylenes	11.62	106	356284	25.331	ug/l	99
69) o-Xylene	11.95	106	164647	12.117	ug/l	99
78) n-propylbenzene	12.59	91	56962	1.532	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	231502	8.681	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1247767	45.926	ug/l	99
95) Naphthalene	15.13	128	45959	3.944	ug/l	99

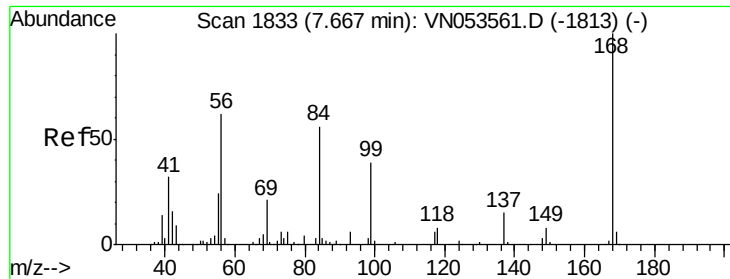
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021319\
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Quant Time: Feb 14 01:11:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 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: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

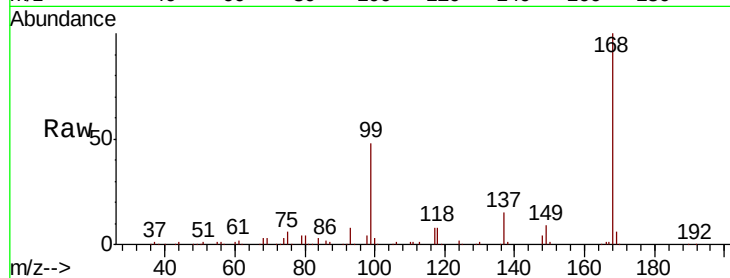
JC-02-021119-H

Tot Ion:168 Resp: 681227

Ion Ratio Lower Upper

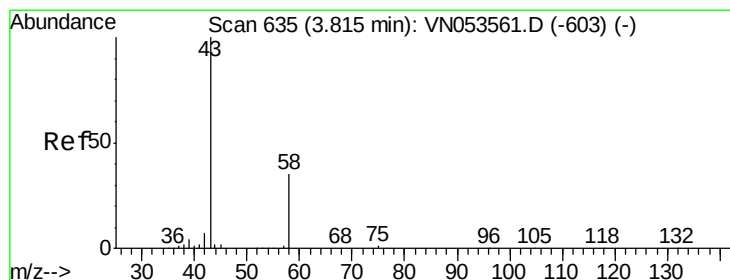
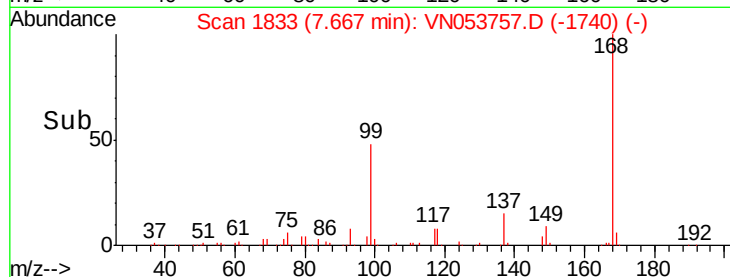
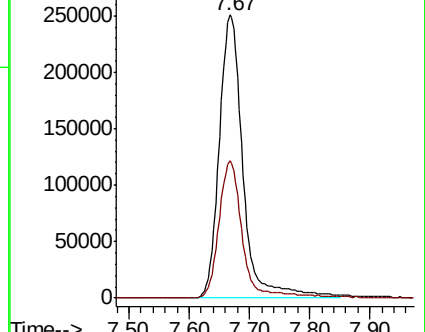
168 100

99 48.4 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053757.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053757.D (-1740) (-)



#16

Acetone

Concen: 53.377 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053757.D

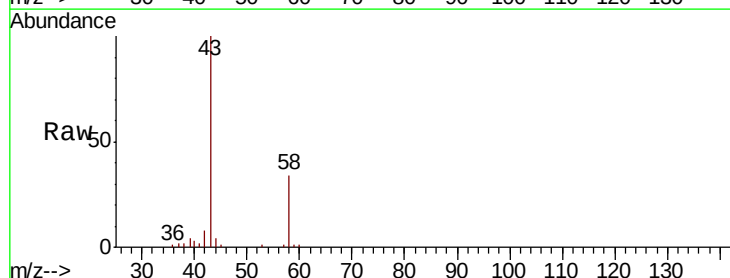
Acq: 13 Feb 2019 16:09

Tgt Ion: 43 Resp: 93567

Ion Ratio Lower Upper

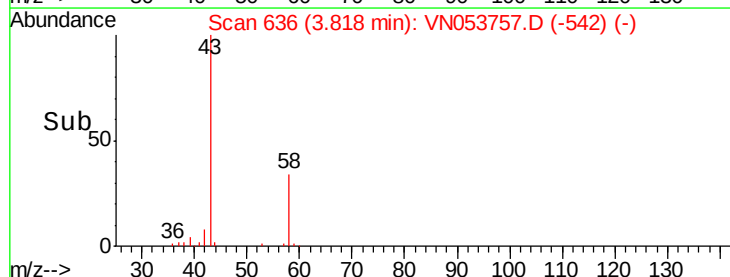
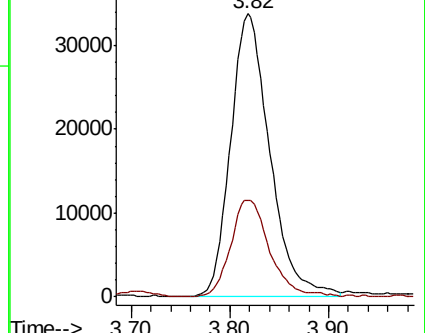
43 100

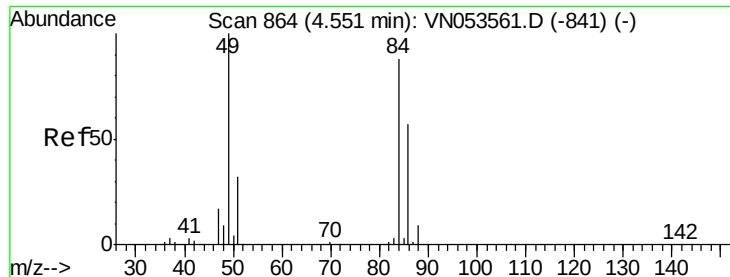
58 34.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053757.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053757.D (-542) (-)

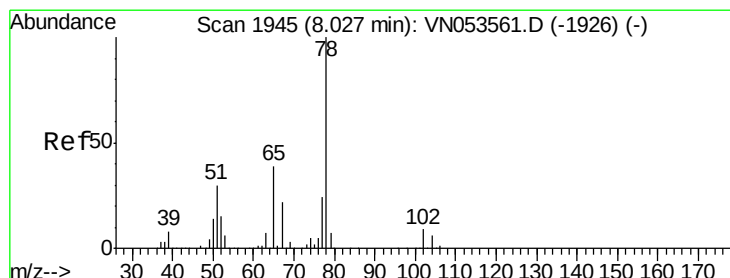
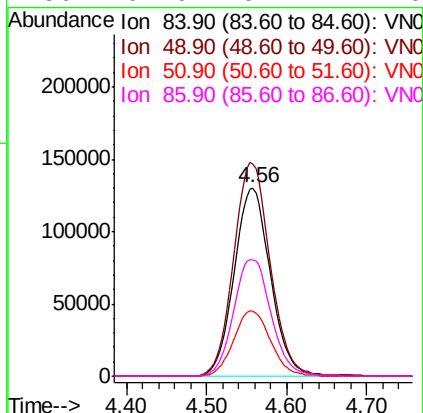
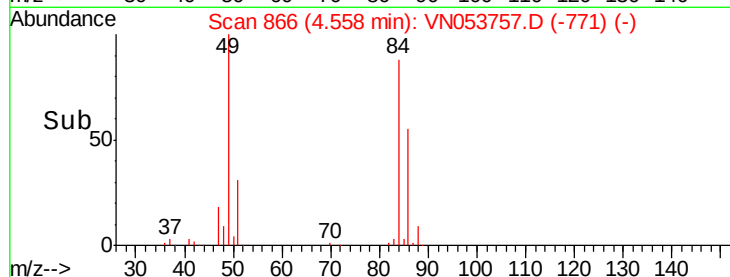
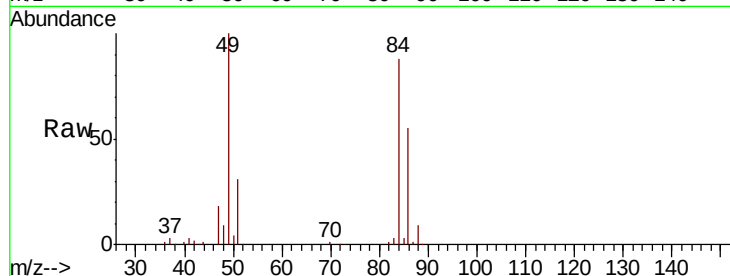




#20
Methylene Chloride
Concen: 54.400 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

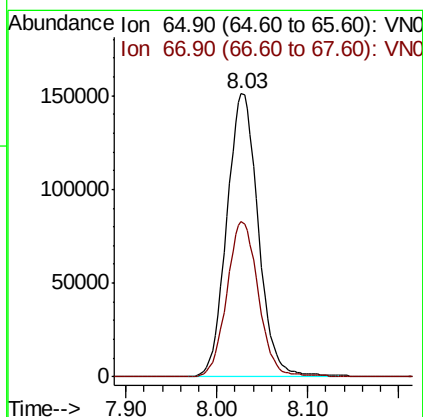
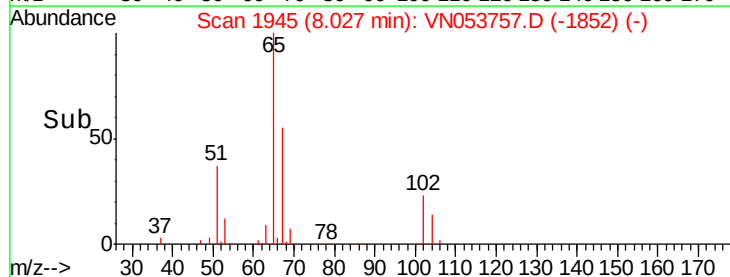
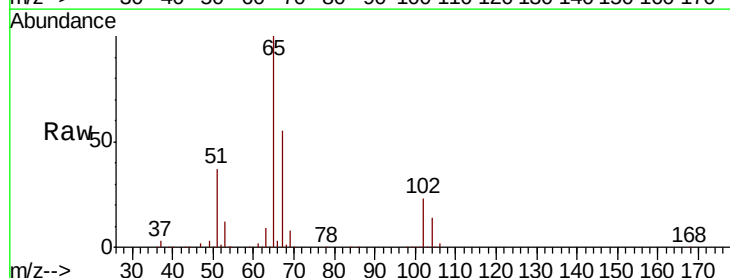
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-H

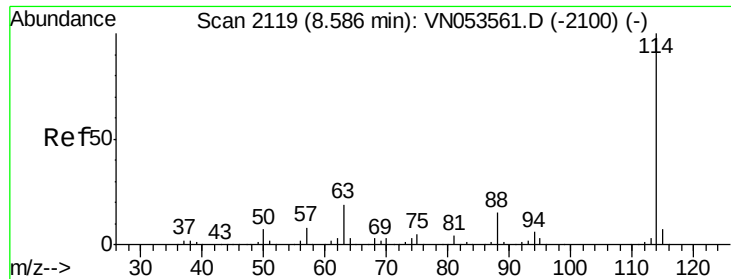
Tot Ion: 84 Resp: 400075
Ion Ratio Lower Upper
84 100
49 113.0 94.3 141.5
51 34.7 29.4 44.2
86 61.9 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 53.114 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

Tgt Ion: 65 Resp: 362980
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.2

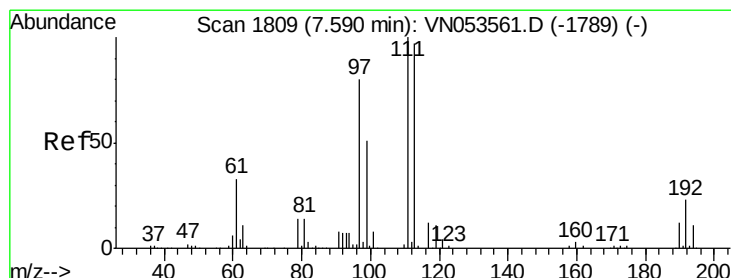
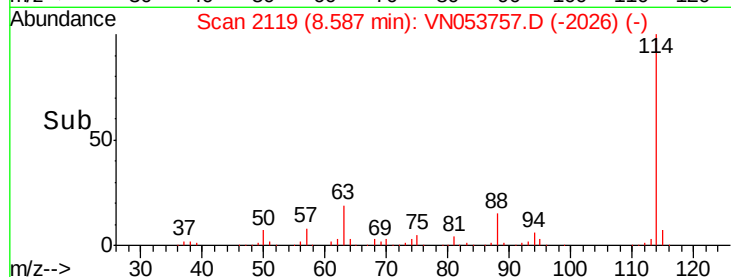
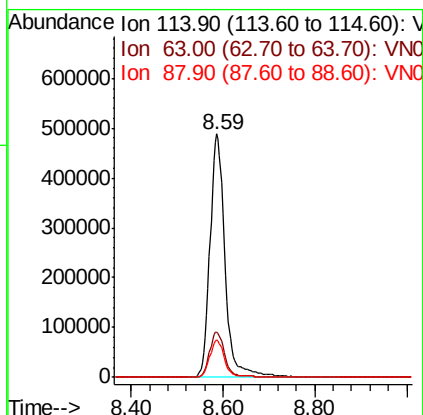
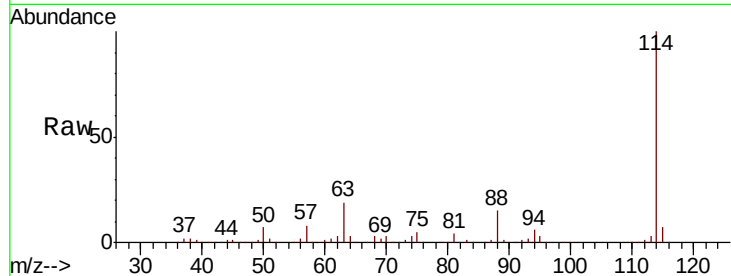




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

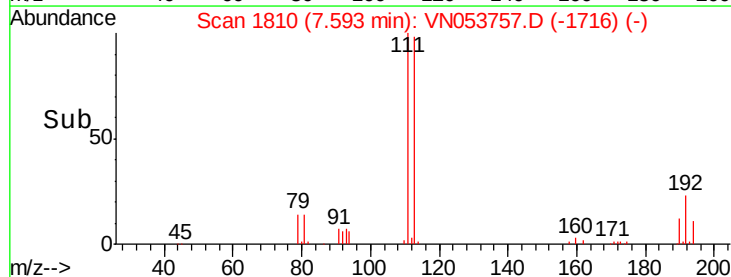
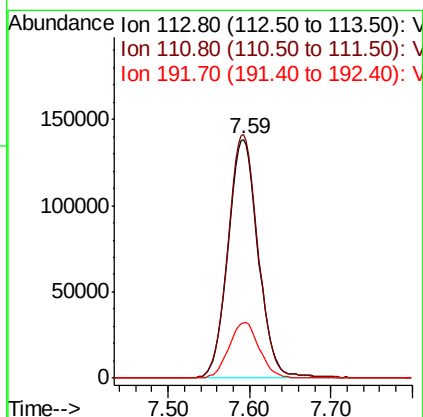
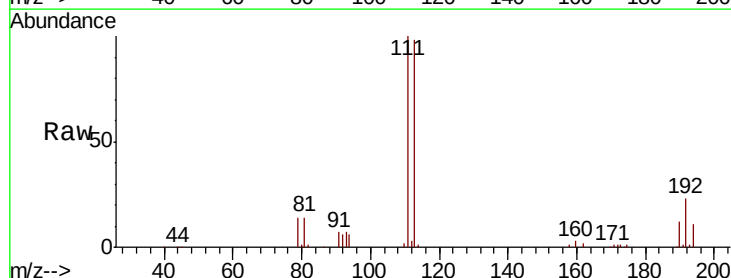
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-H

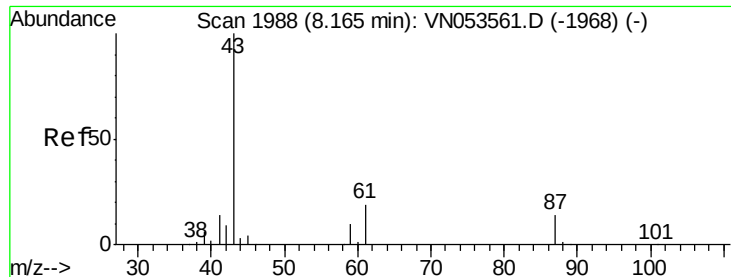
Tot Ion:114 Resp: 1119216
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.6
88 15.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 50.745 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

Tgt Ion:113 Resp: 358867
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 23.5 18.2 27.2





#43

Isopropyl Acetate

Concen: 3.247 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-H

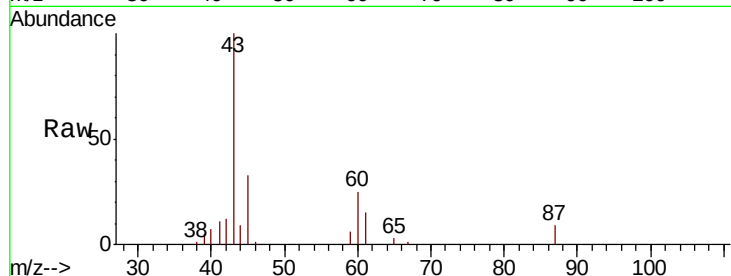
Tot Ion: 43 Resp: 35339

Ion Ratio Lower Upper

43 100

61 15.6 23.9 35.9#

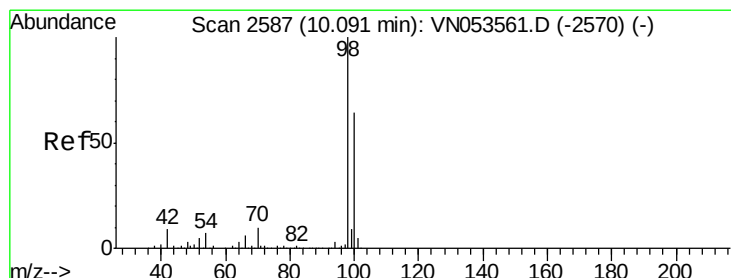
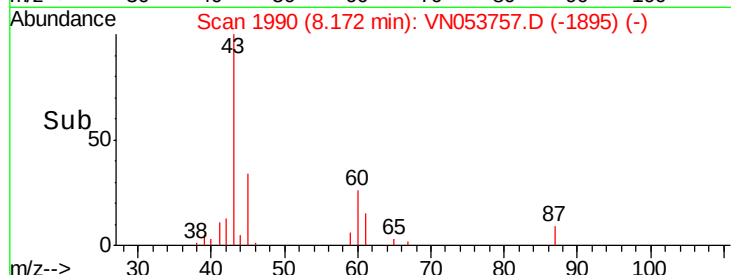
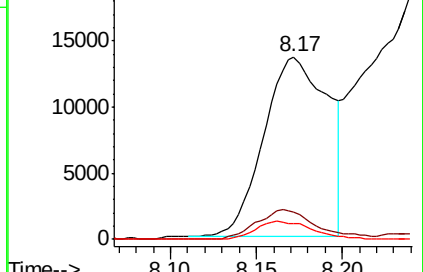
87 8.9 11.0 16.6#



Abundance Ion 43.00 (42.70 to 43.70): VN053757.D (-1895) (-)

Ion 61.00 (60.70 to 61.70): VN053757.D (-1895) (-)

Ion 87.00 (86.70 to 87.70): VN053757.D (-1895) (-)



#50

Toluene-d8

Concen: 51.698 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053757.D

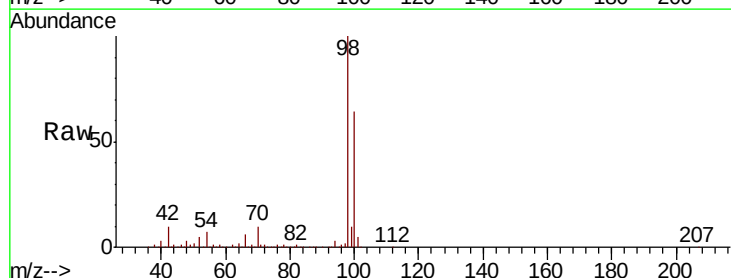
Acq: 13 Feb 2019 16:09

Tgt Ion: 98 Resp: 1372788

Ion Ratio Lower Upper

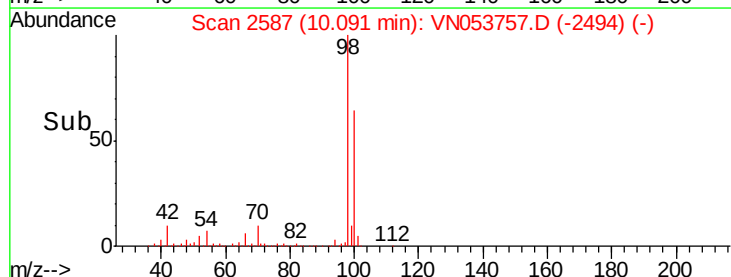
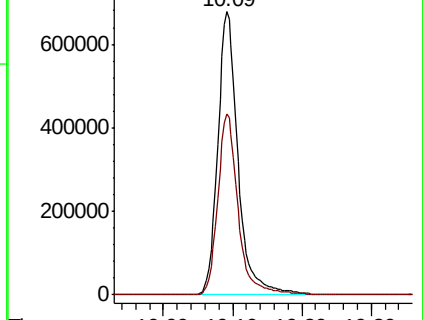
98 100

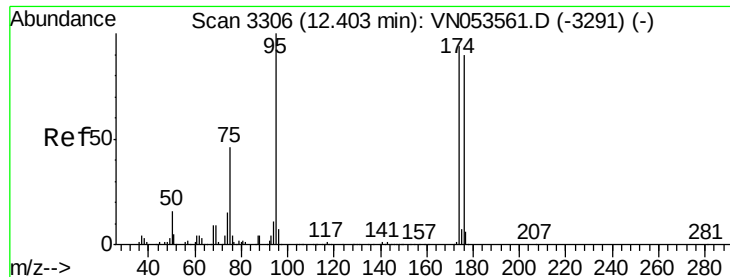
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053757.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053757.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 52.421 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampled :

JC-02-021119-H

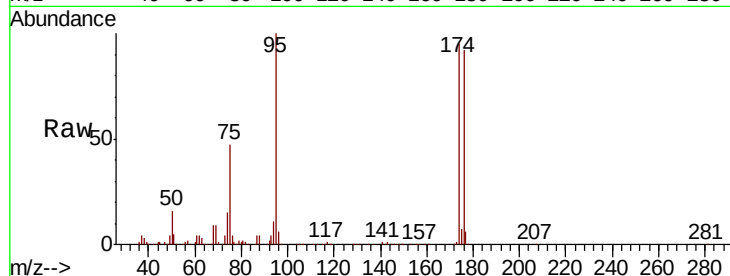
Tot Ion: 95 Resp: 464247

Ion Ratio Lower Upper

95 100

174 94.7 0.0 183.2

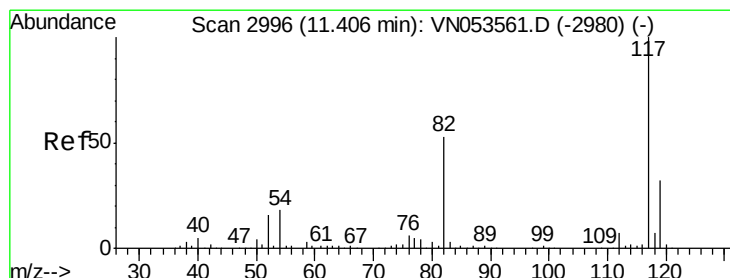
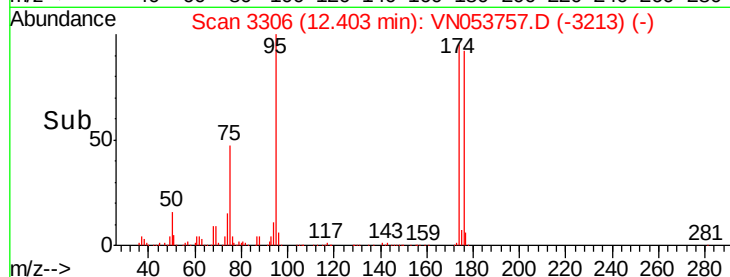
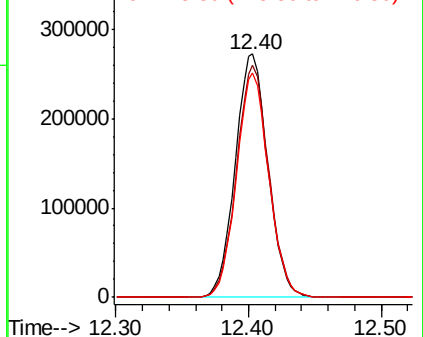
176 91.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053757.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053757.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053757.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

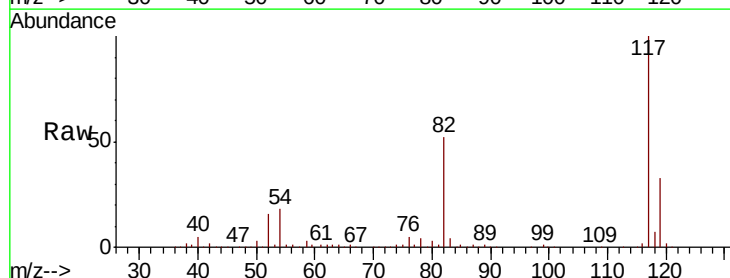
Tgt Ion: 117 Resp: 1056180

Ion Ratio Lower Upper

117 100

82 52.4 42.9 64.3

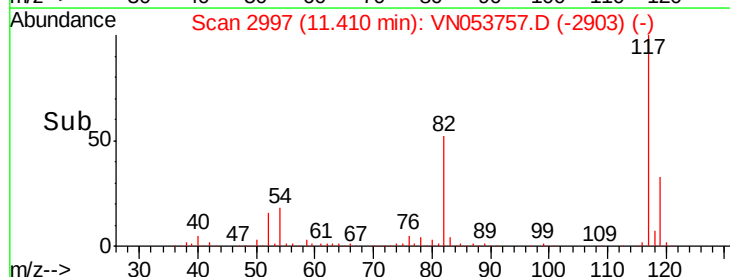
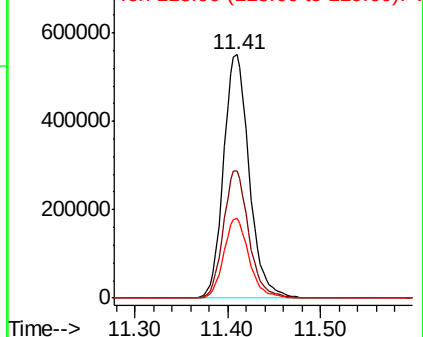
119 32.6 26.0 39.0

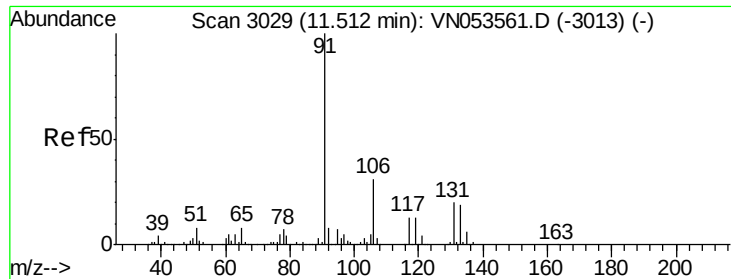


Abundance Ion 116.90 (116.60 to 117.60): VN053757.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053757.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053757.D (-2903) (-)

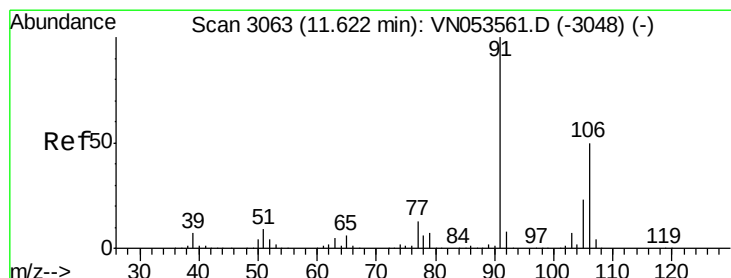
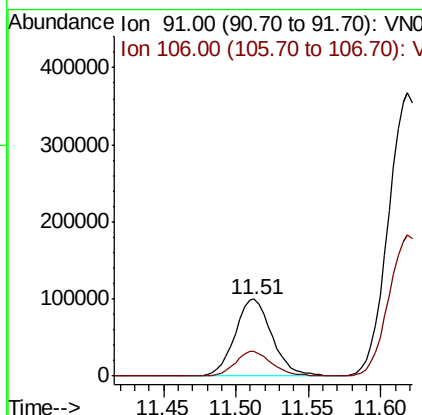
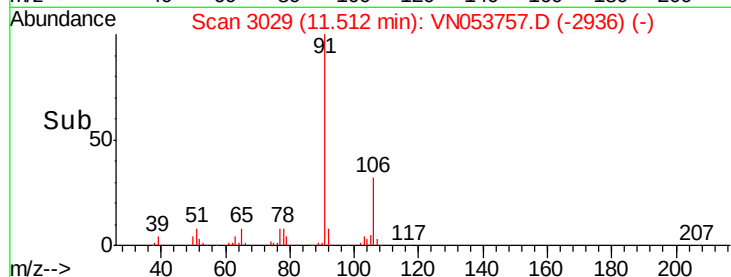
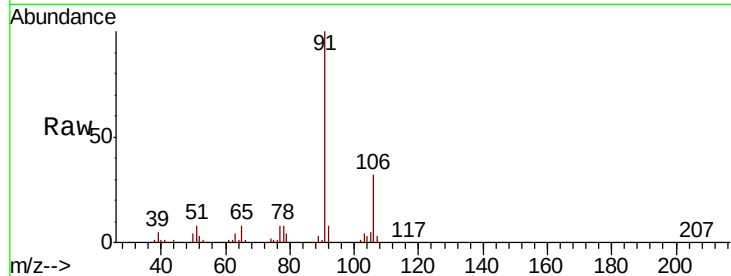




#67
Ethyl Benzene
Concen: 4.814 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

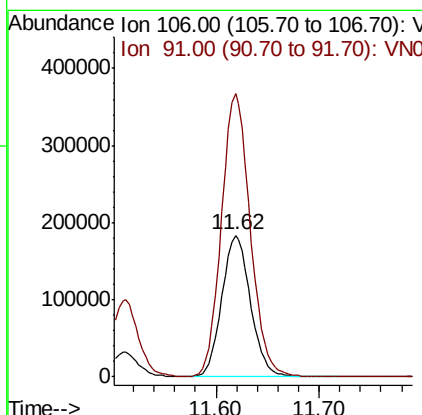
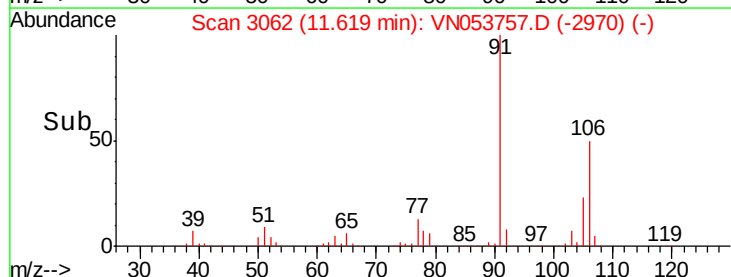
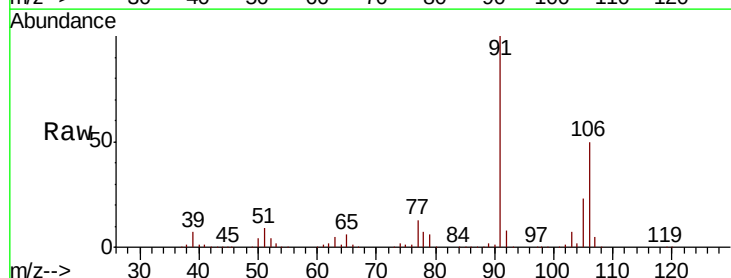
Instrument :
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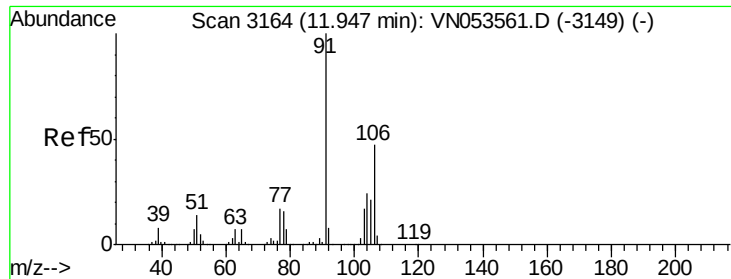
Tot Ion: 91 Resp: 177404
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.6



#68
m/p-Xylenes
Concen: 25.331 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

Tgt Ion: 106 Resp: 356284
Ion Ratio Lower Upper
106 100
91 200.3 161.4 242.2

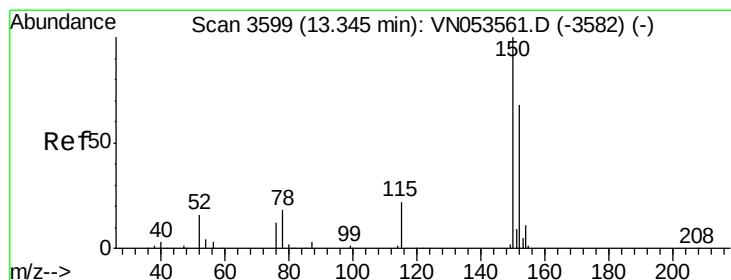
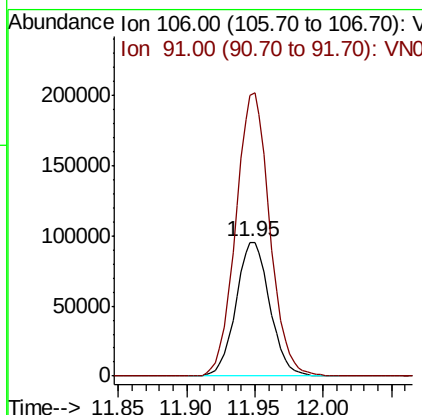
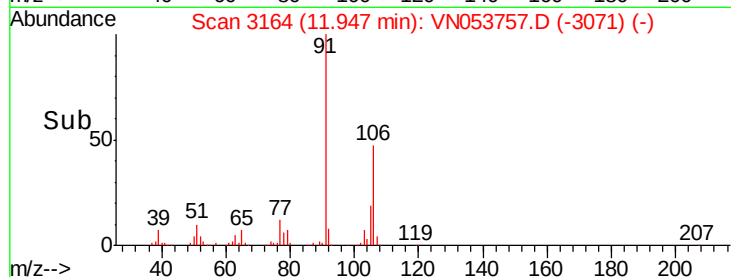
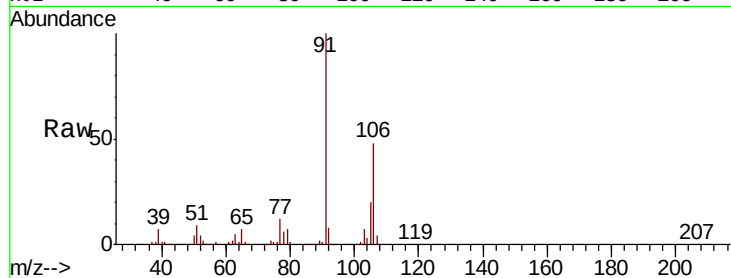




#69
o-Xylene
Concen: 12.117 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

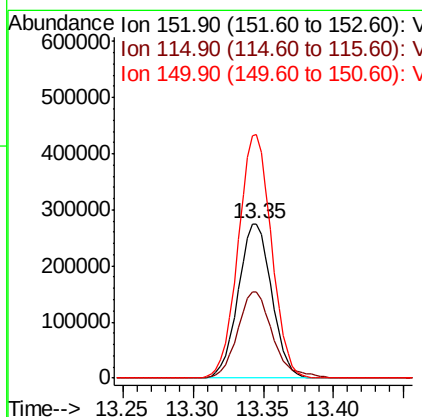
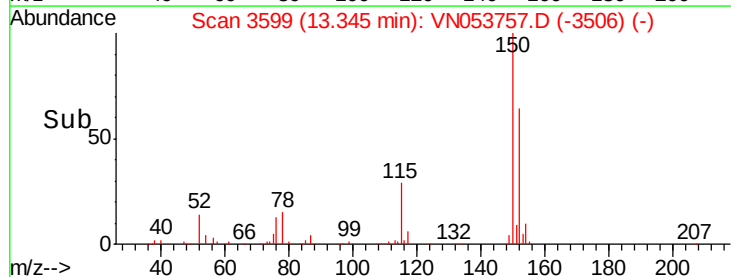
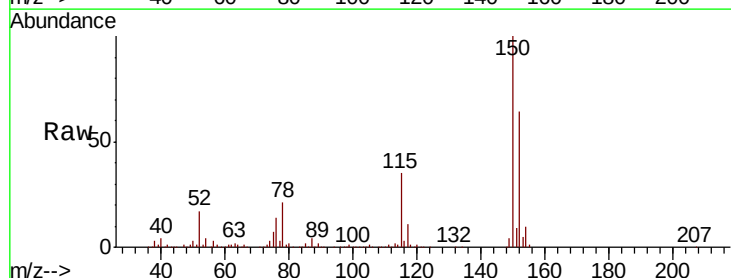
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-H

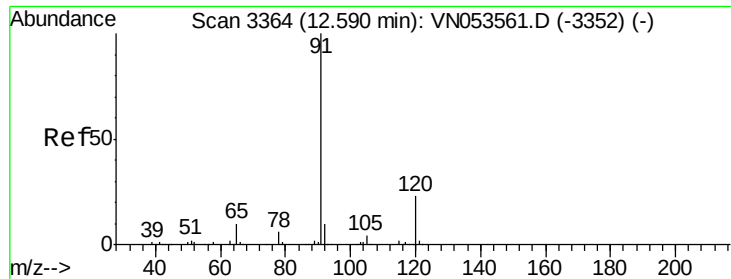
Tot Ion:106 Resp: 164647
Ion Ratio Lower Upper
106 100
91 211.9 106.9 320.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053757.D
Acq: 13 Feb 2019 16:09

Tgt Ion:152 Resp: 457458
Ion Ratio Lower Upper
152 100
115 58.3 27.8 83.4
150 156.6 0.0 349.0





#78

n-propylbenzene

Concen: 1.532 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

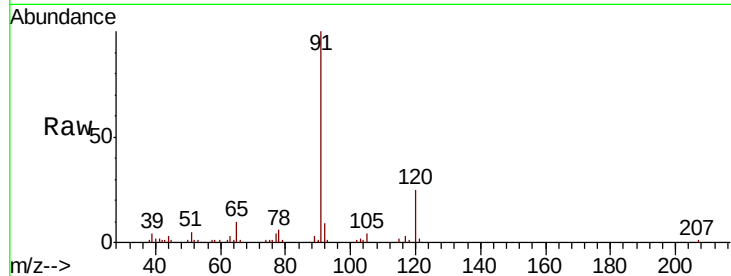
JC-02-021119-H

Tot Ion: 91 Resp: 56962

Ion Ratio Lower Upper

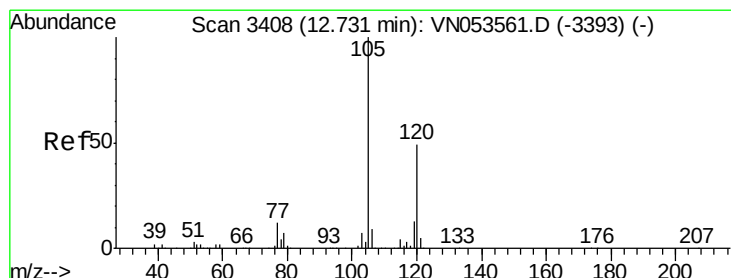
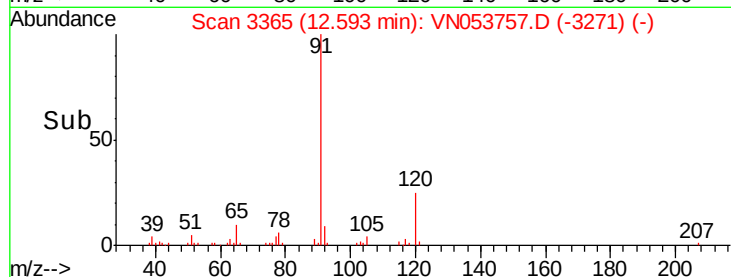
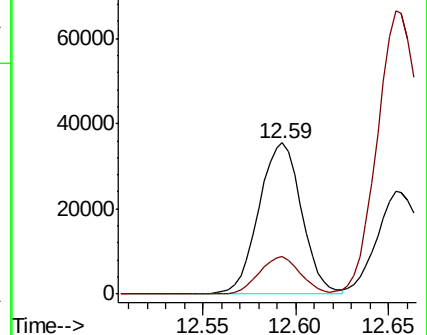
91 100

120 24.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN053561.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN053561.D (-3352) (-)



#80

1,3,5-Trimethylbenzene

Concen: 8.681 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053757.D

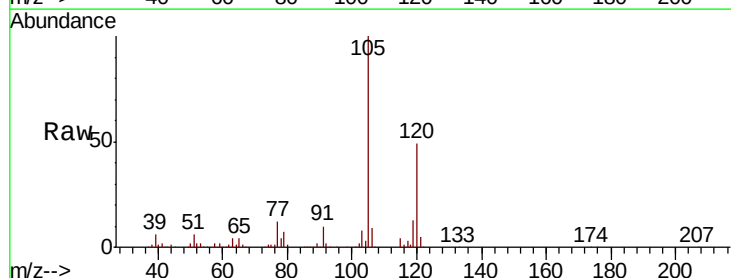
Acq: 13 Feb 2019 16:09

Tgt Ion: 105 Resp: 231502

Ion Ratio Lower Upper

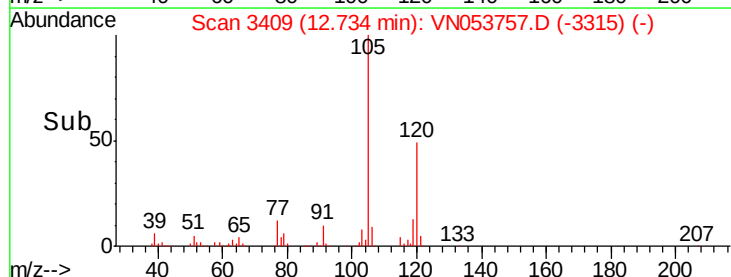
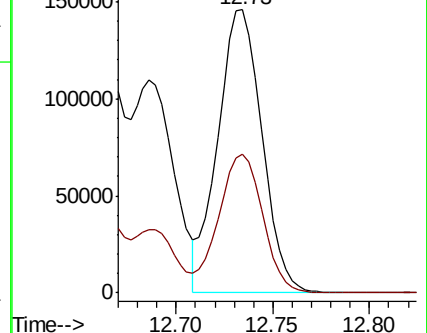
105 100

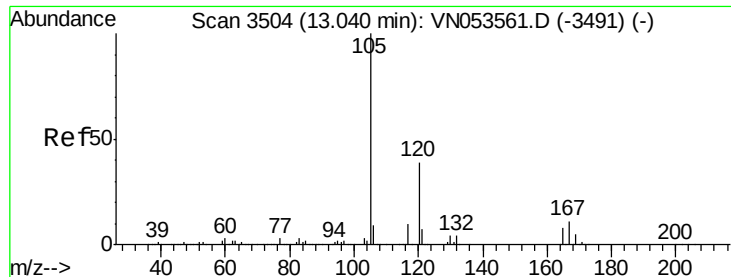
120 48.7 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): VN053561.D (-3393) (-)

Ion 120.00 (119.70 to 120.70): VN053561.D (-3393) (-)





#84

1,2,4-Trimethylbenzene

Concen: 45.926 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Instrument :

MSVOA_N

ClientSampleId :

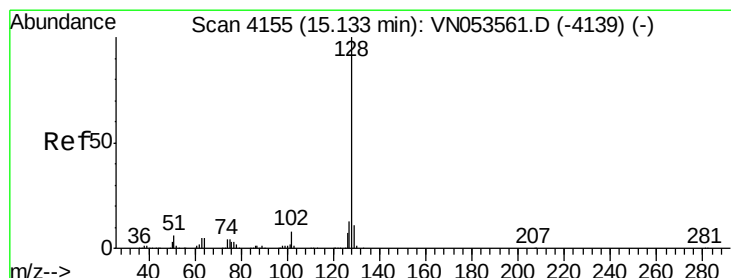
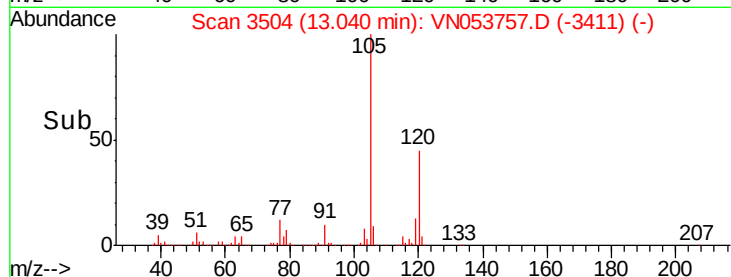
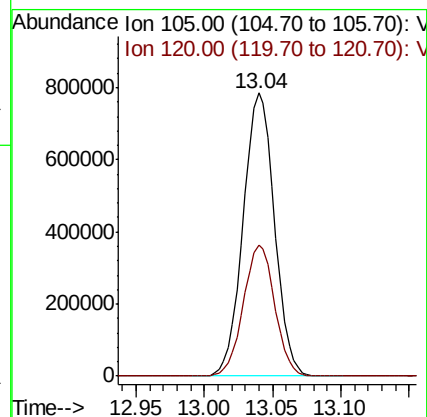
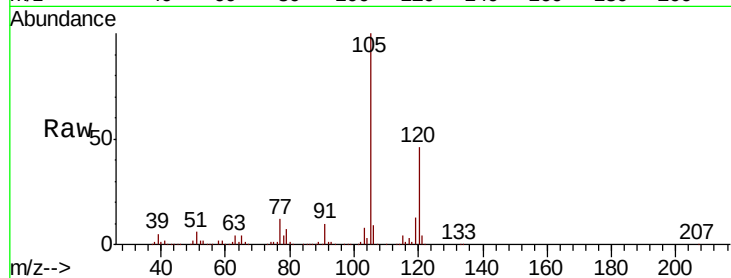
JC-02-021119-H

Tot Ion:105 Resp: 1247767

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0



#95

Naphthalene

Concen: 3.944 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053757.D

Acq: 13 Feb 2019 16:09

Tgt Ion:128 Resp: 45959

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.2 8.6 13.0

