

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021319\
 Data File : VN053751.D
 Acq On : 13 Feb 2019 13:28
 Operator : JC/SP
 Sample : K1343-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 14 00:50:29 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	719389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1156043	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1069976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	449013	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	370956	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
35) Dibromofluoromethane	7.59	113	370169	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	
50) Toluene-d8	10.09	98	1401834	51.11	ug/l	0.00
Spiked Amount			Recovery	=	102.22%	
62) 4-Bromofluorobenzene	12.40	95	465394	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	

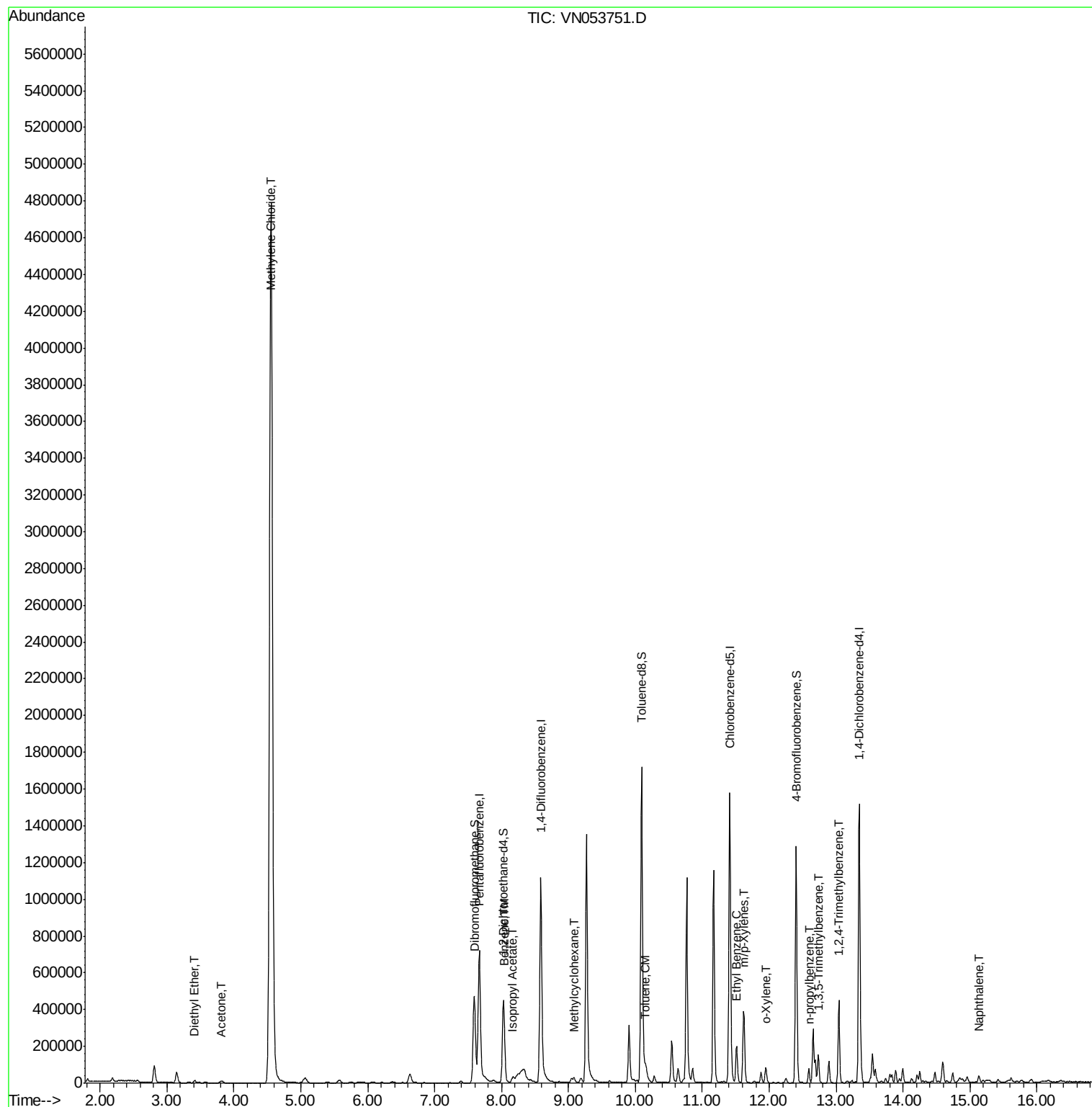
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.42	74	6183	1.506	ug/l	84
16) Acetone	3.82	43	15742	8.504	ug/l	93
20) Methylene Chloride	4.55	84	3830367	493.204	ug/l	98
39) Methylcyclohexane	9.08	83	13141	1.063	ug/l	97
40) Benzene	8.05	78	32885	1.023	ug/l	99
43) Isopropyl Acetate	8.17	43	30463	2.710	ug/l #	82
52) Toluene	10.16	92	25366	1.330	ug/l	99
67) Ethyl Benzene	11.51	91	161870	4.336	ug/l	98
68) m/p-Xylenes	11.62	106	135456	9.506	ug/l	99
69) o-Xylene	11.95	106	25422	1.847	ug/l	95
78) n-propylbenzene	12.59	91	62702	1.718	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	84798	3.240	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	265874	9.970	ug/l	99
95) Naphthalene	15.13	128	30490	3.228	ug/l	98

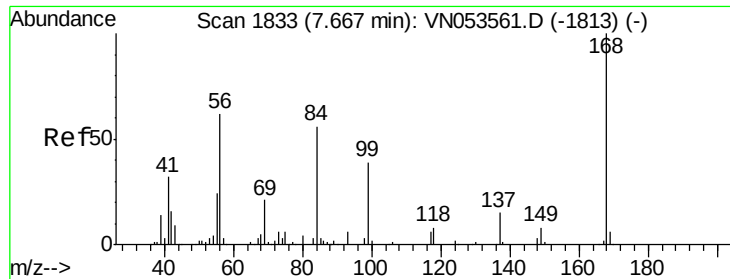
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN021319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053751.D

Acq: 13 Feb 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

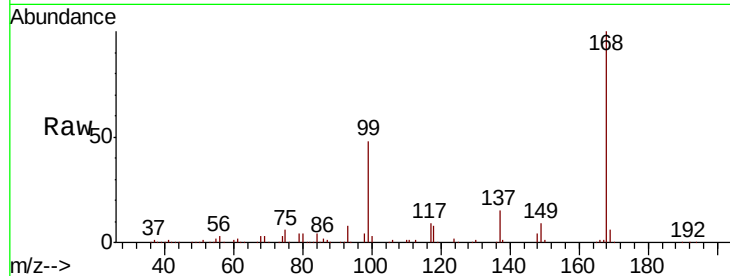
JC-02-021119-B

Tot Ion:168 Resp: 719389

Ion Ratio Lower Upper

168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053751.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053751.D (-1740) (-)

7.67

250000

200000

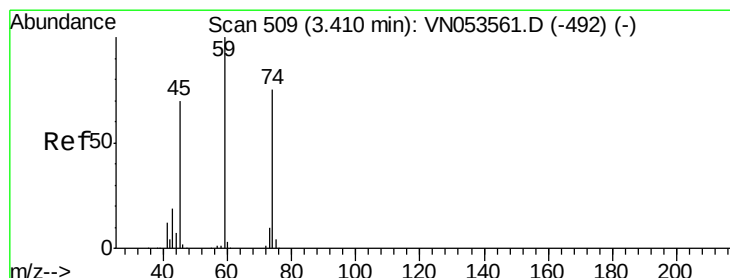
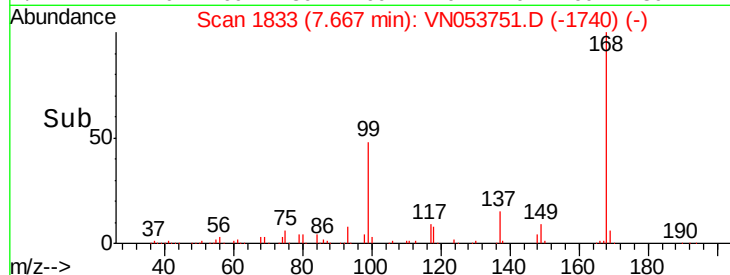
150000

100000

50000

0

Time-->



#8

Diethyl Ether

Concen: 1.506 ug/l

RT: 3.42 min Scan# 511

Delta R.T. 0.01 min

Lab File: VN053751.D

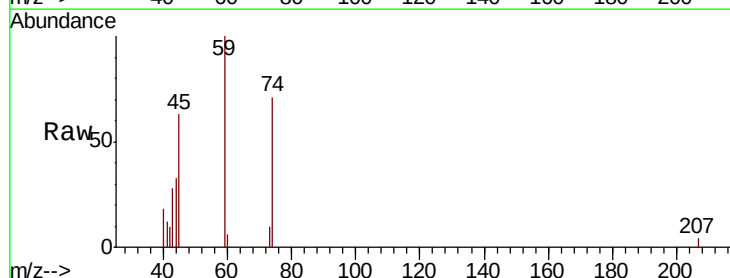
Acq: 13 Feb 2019 13:28

Tgt Ion: 74 Resp: 6183

Ion Ratio Lower Upper

74 100

45 111.5 47.9 143.7



Abundance Ion 74.00 (73.70 to 74.70): VN053751.D (-416) (-)

Ion 45.00 (44.70 to 45.70): VN053751.D (-416) (-)

3.42

3000

2500

2000

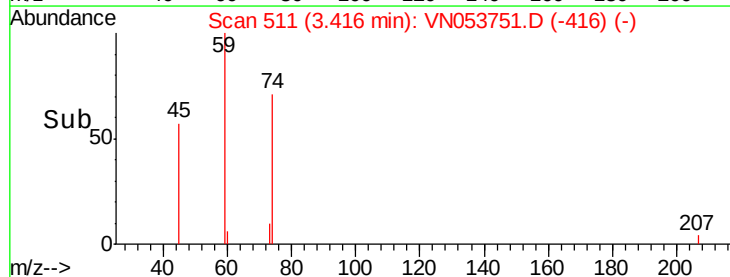
1500

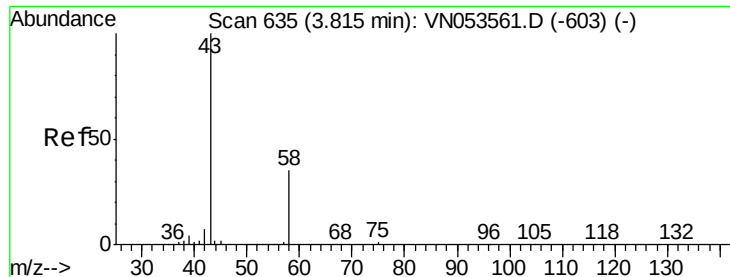
1000

500

0

Time-->





#16

Acetone

Concen: 8.504 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053751.D

Acq: 13 Feb 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

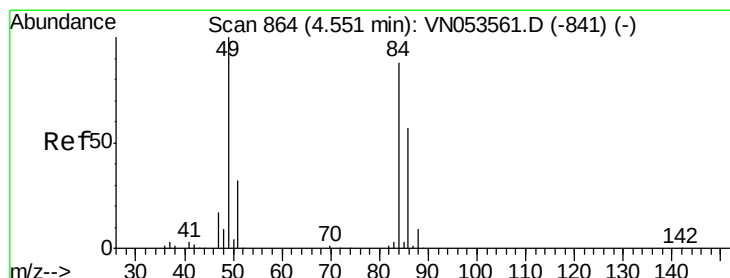
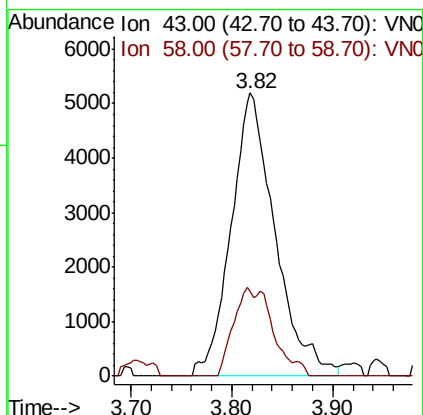
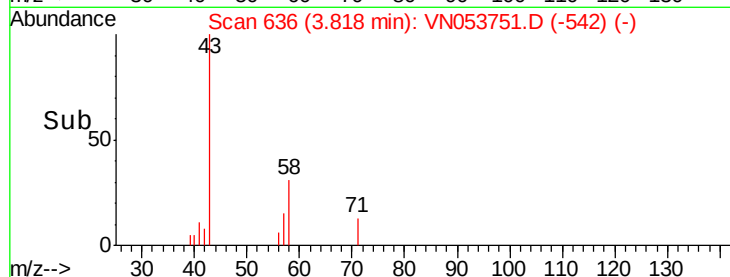
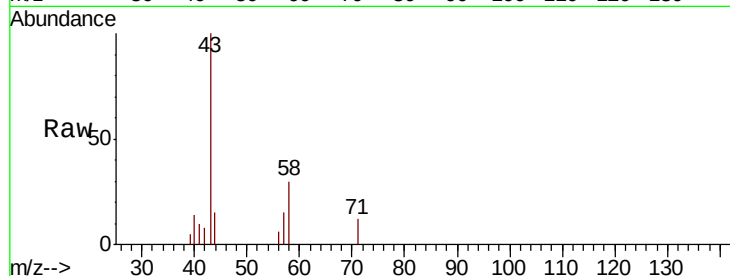
JC-02-021119-B

Tot Ion: 43 Resp: 15742

Ion Ratio Lower Upper

43 100

58 30.0 27.1 40.7



#20

Methylene Chloride

Concen: 493.204 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053751.D

Acq: 13 Feb 2019 13:28

Tgt Ion: 84 Resp: 3830367

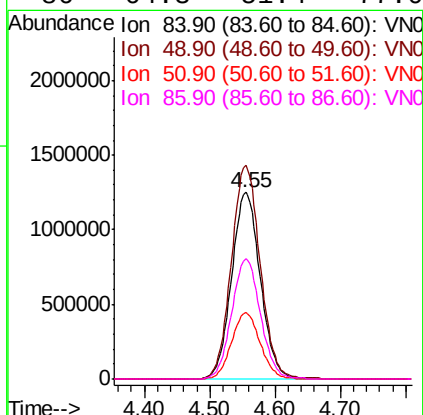
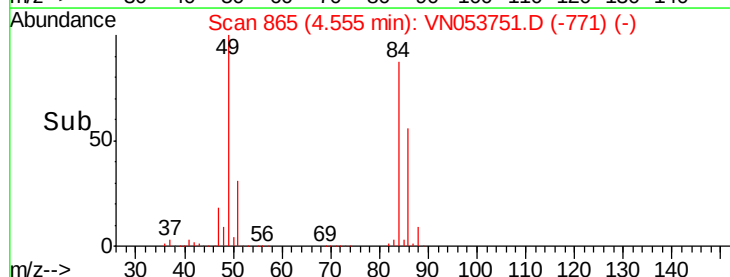
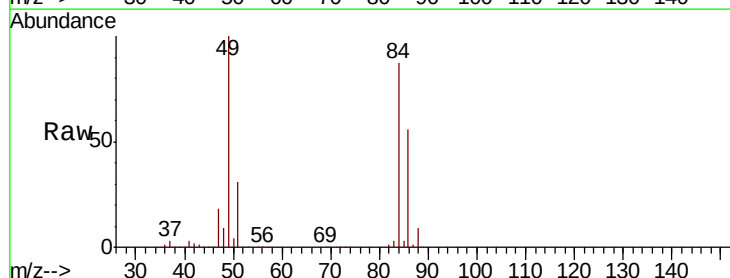
Ion Ratio Lower Upper

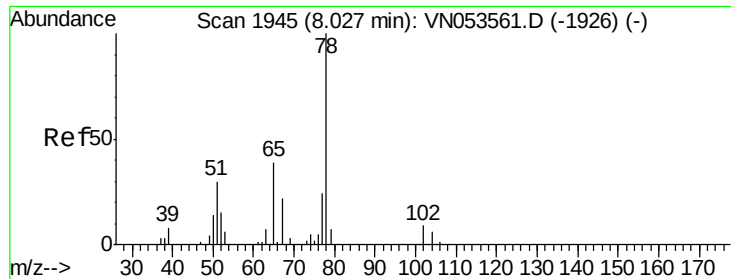
84 100

49 114.4 94.3 141.5

51 35.6 29.4 44.2

86 64.3 51.4 77.0

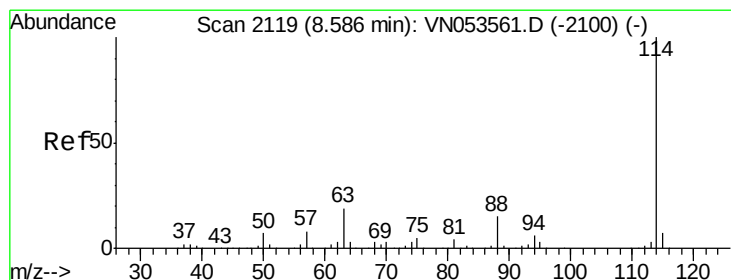
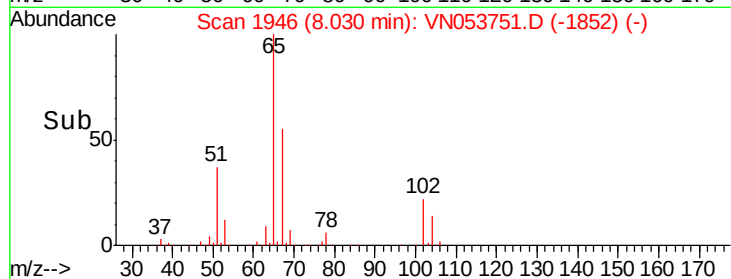
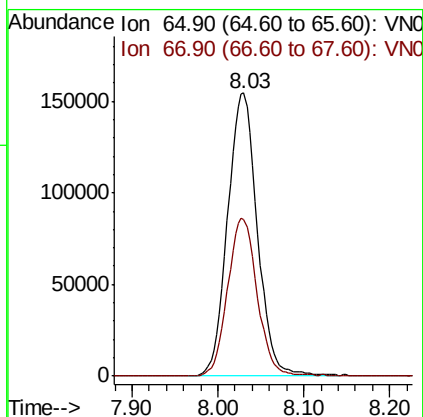
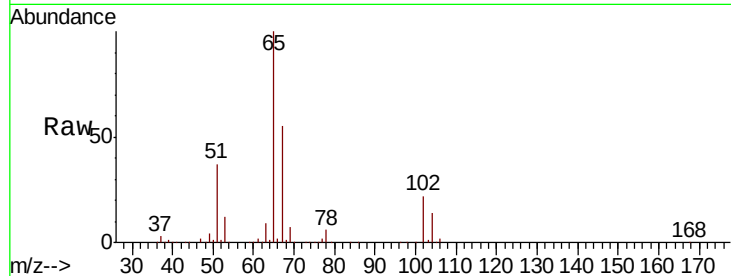




#33
 1,2-Dichloroethane-d4
 Concen: 51.401 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN053751.D
 Acq: 13 Feb 2019 13:28

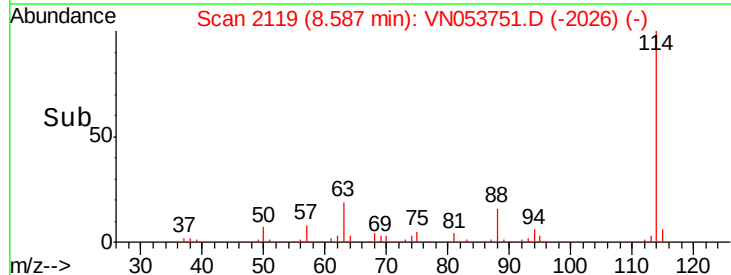
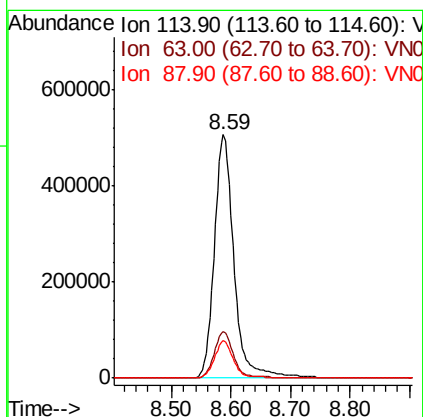
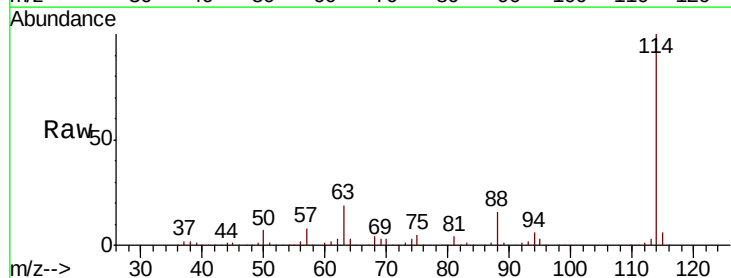
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-B

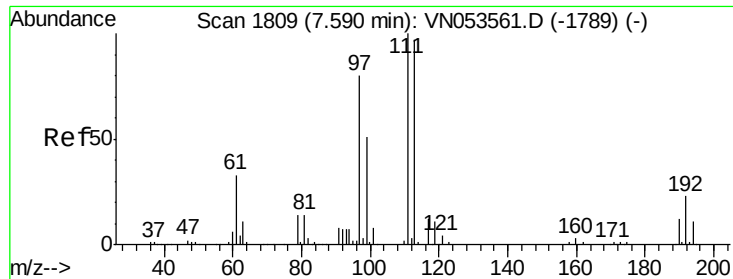
Tot Ion: 65 Resp: 370956
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053751.D
 Acq: 13 Feb 2019 13:28

Tgt Ion: 114 Resp: 1156043
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.5 0.0 30.4

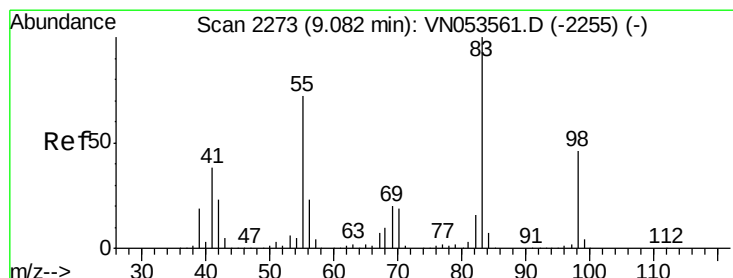
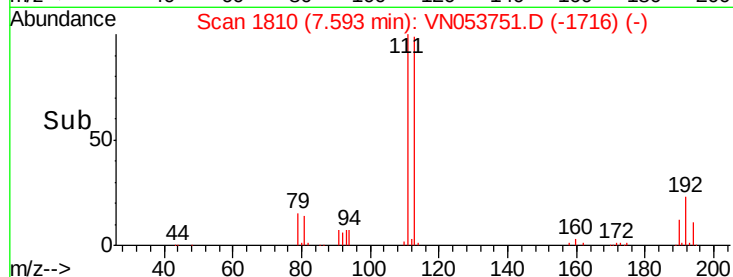
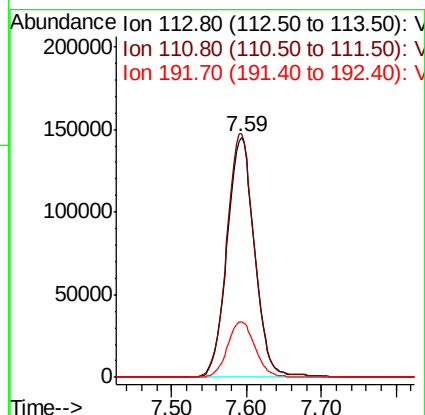
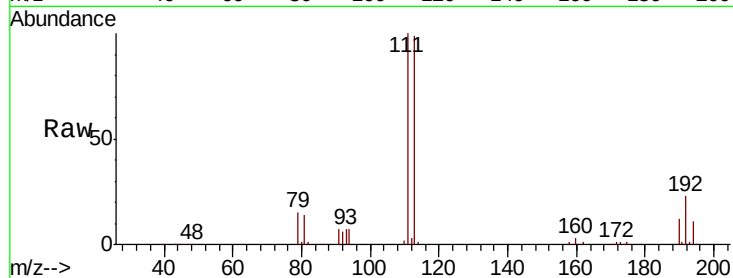




#35
 Dibromofluoromethane
 Concen: 50.675 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053751.D
 Acq: 13 Feb 2019 13:28

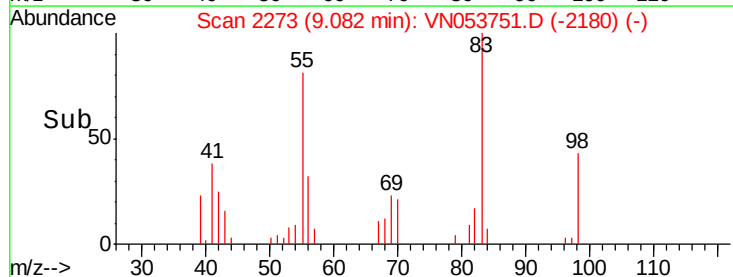
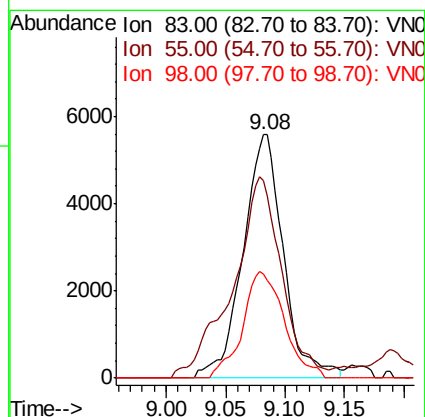
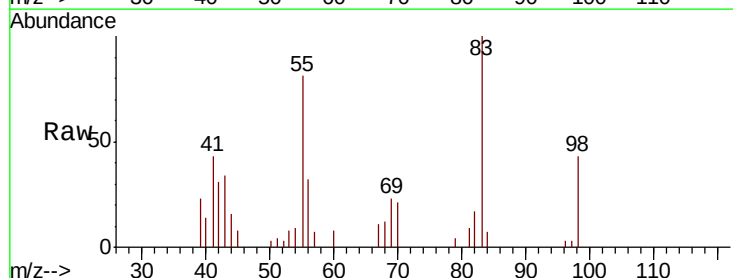
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-021119-B

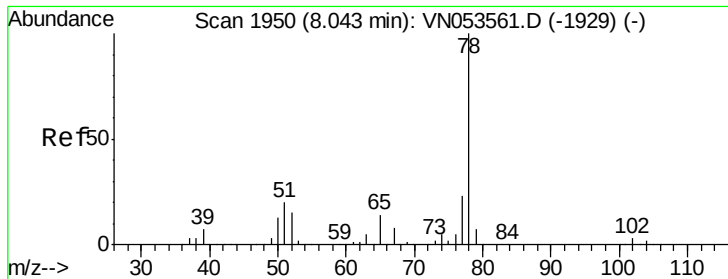
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.1	121.7
192	23.2	18.2	27.2



#39
 Methylcyclohexane
 Concen: 1.063 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN053751.D
 Acq: 13 Feb 2019 13:28

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.6	60.1	90.1
98	43.0	36.6	55.0





#40

Benzene

Concen: 1.023 ug/l

RT: 8.05 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VN053751.D

Acq: 13 Feb 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

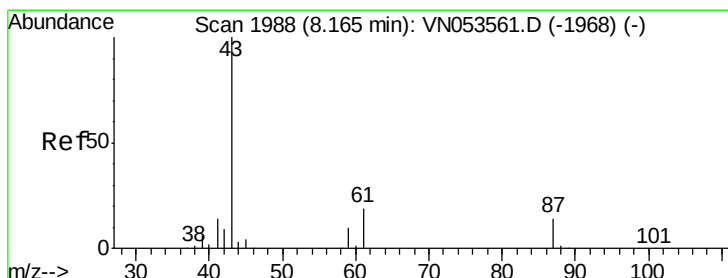
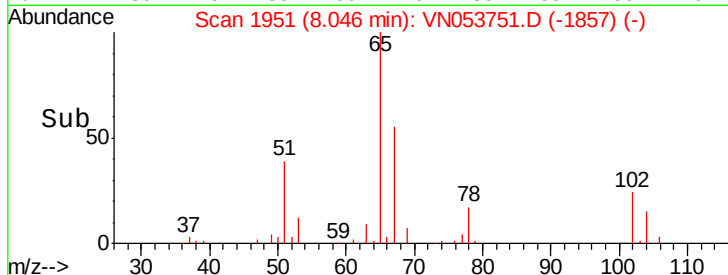
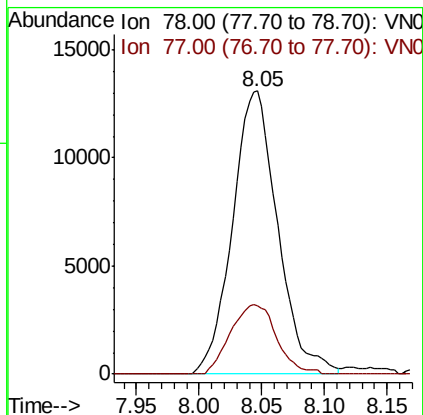
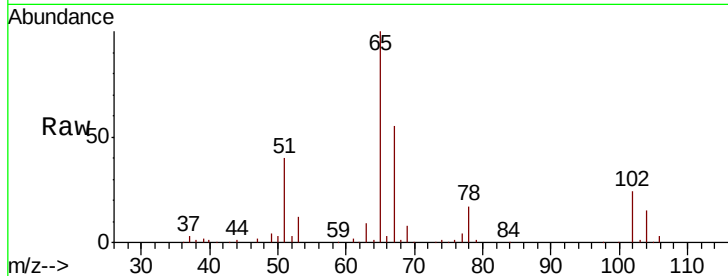
JC-02-021119-B

Tot Ion: 78 Resp: 32885

Ion Ratio Lower Upper

78 100

77 24.0 18.8 28.2



#43

Isopropyl Acetate

Concen: 2.710 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053751.D

Acq: 13 Feb 2019 13:28

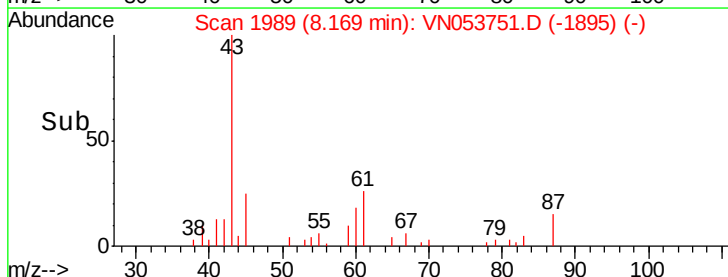
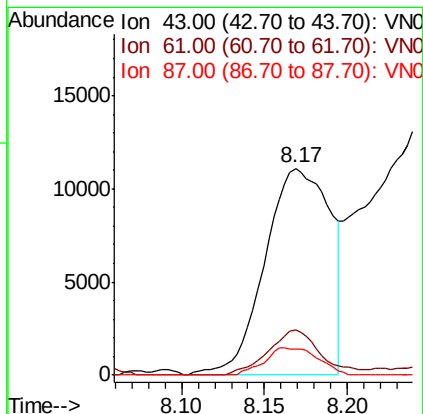
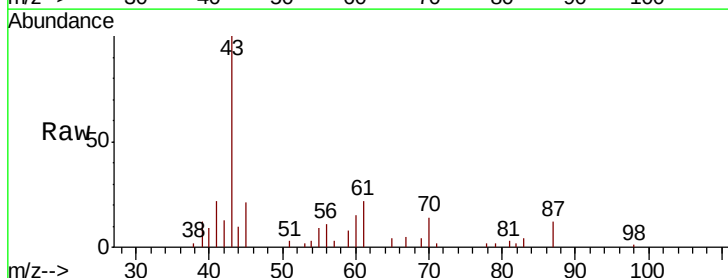
Tgt Ion: 43 Resp: 30463

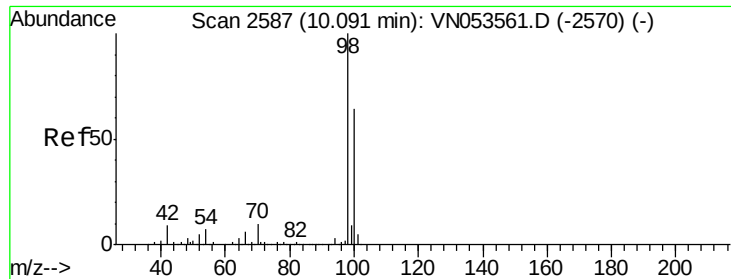
Ion Ratio Lower Upper

43 100

61 17.5 23.9 35.9#

87 10.8 11.0 16.6#

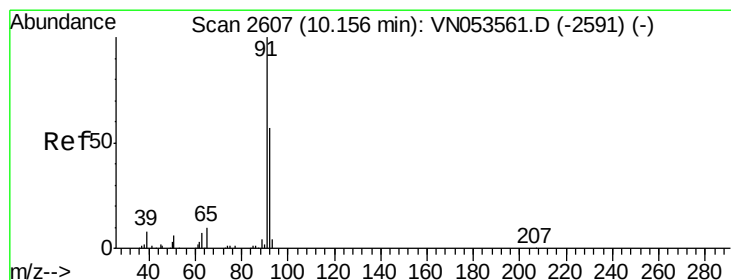
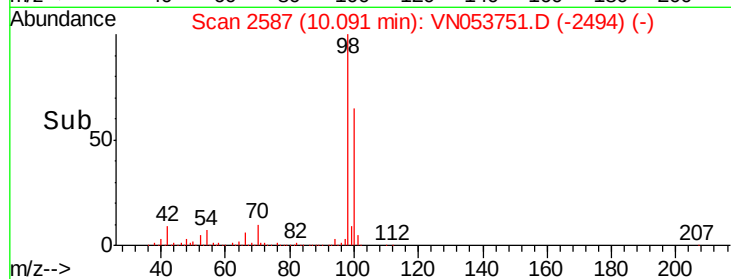
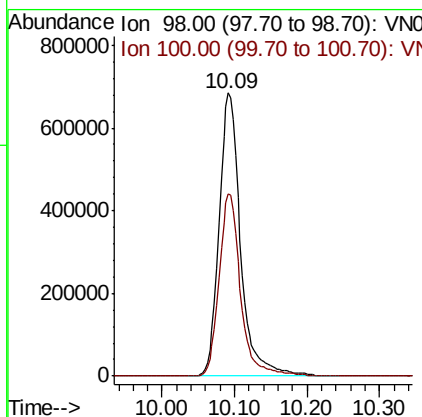
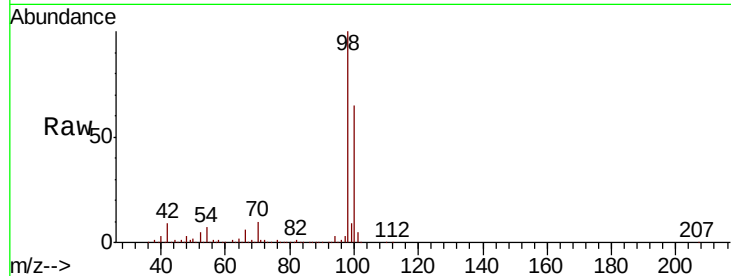




#50
Toluene-d8
Concen: 51.110 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053751.D
Acq: 13 Feb 2019 13:28

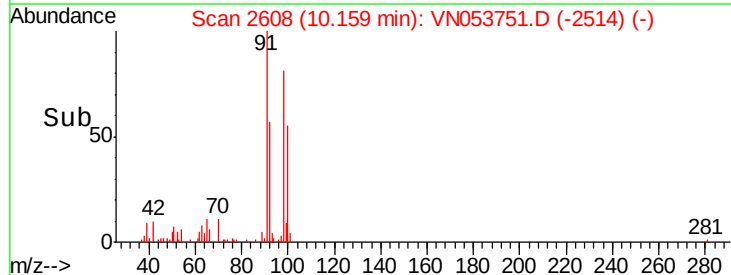
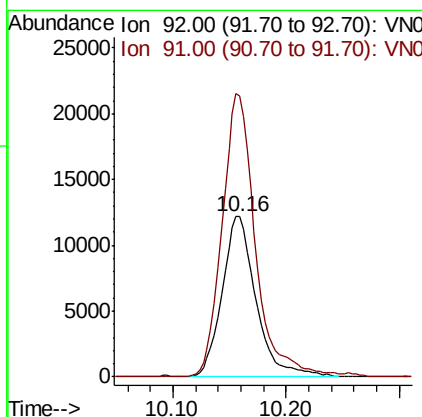
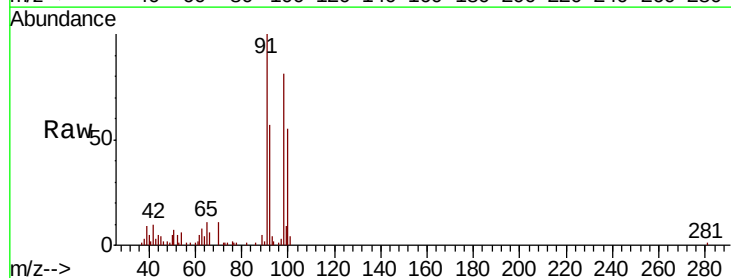
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JC-02-021119-B

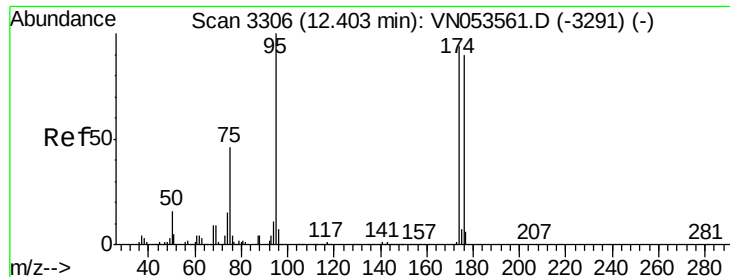
Tot Ion: 98 Resp: 1401834
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#52
Toluene
Concen: 1.330 ug/l
RT: 10.16 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN053751.D
Acq: 13 Feb 2019 13:28

Tgt Ion: 92 Resp: 25366
Ion Ratio Lower Upper
92 100
91 173.7 139.9 209.9





#62

4-Bromofluorobenzene

Concen: 50.876 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053751.D

Acq: 13 Feb 2019 13:28

Instrument :

MSVOA_N

ClientSampleId :

JC-02-021119-B

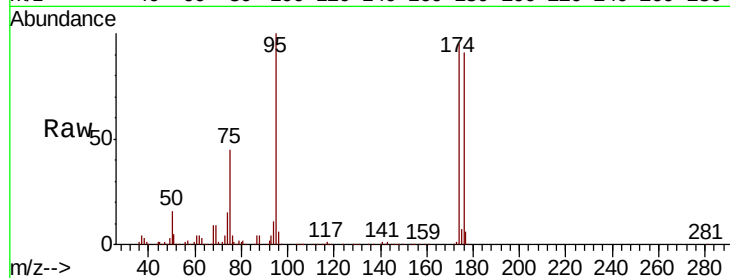
Tot Ion: 95 Resp: 465394

Ion Ratio Lower Upper

95 100

174 95.1 0.0 183.2

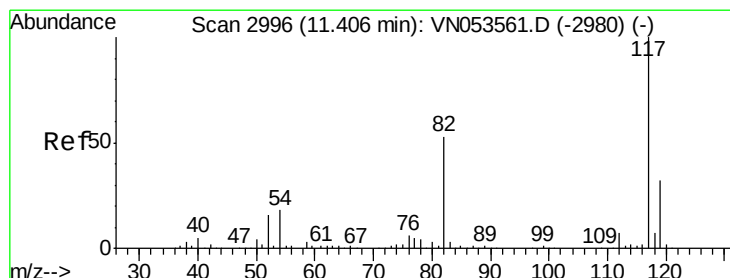
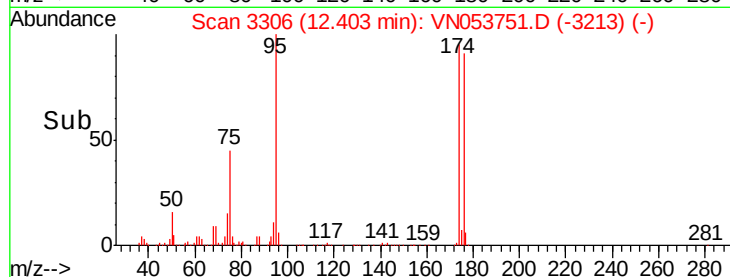
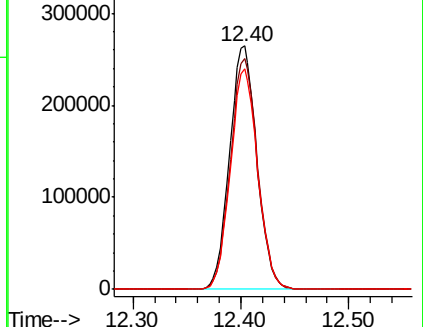
176 90.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053751.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053751.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053751.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053751.D

Acq: 13 Feb 2019 13:28

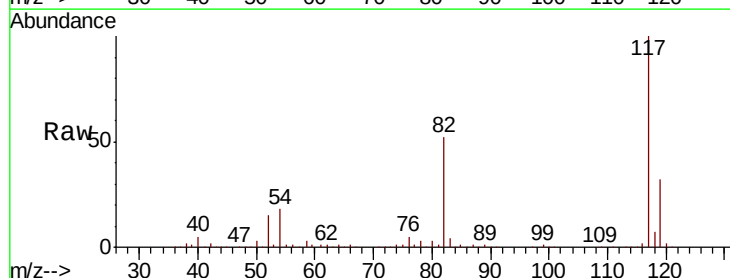
Tgt Ion: 117 Resp: 1069976

Ion Ratio Lower Upper

117 100

82 51.8 42.9 64.3

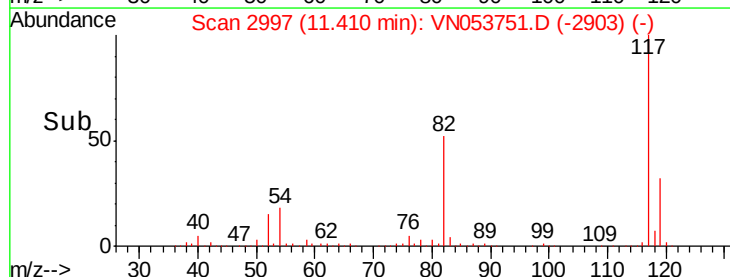
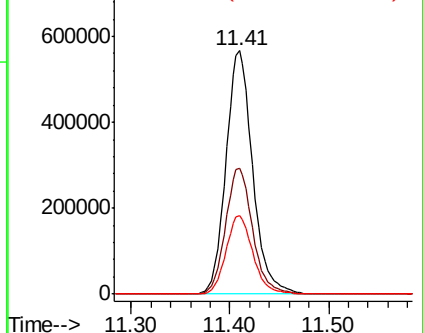
119 32.3 26.0 39.0

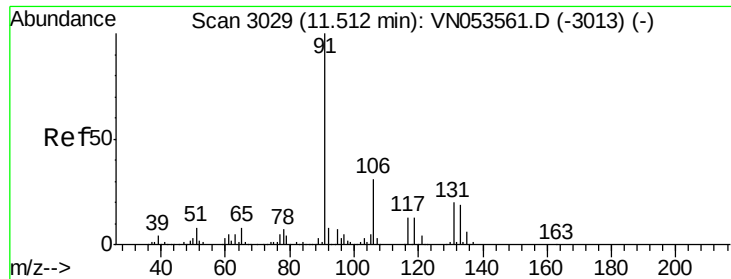


Abundance Ion 116.90 (116.60 to 117.60): VN053751.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053751.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053751.D (-2980) (-)

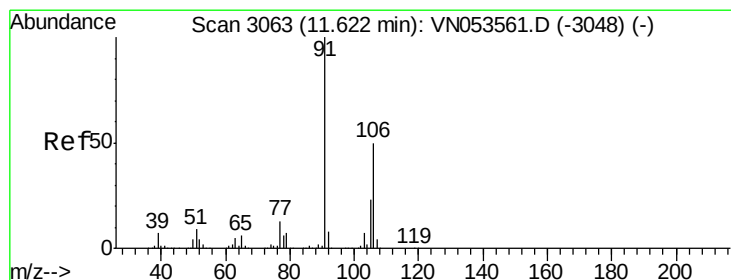
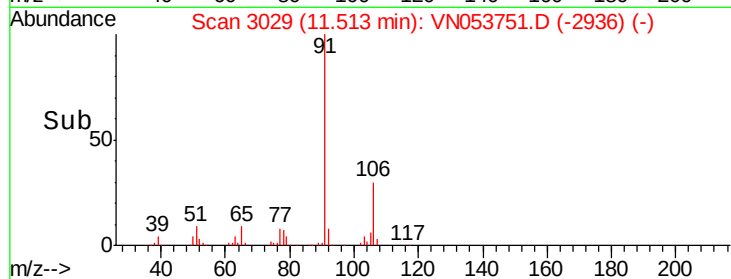
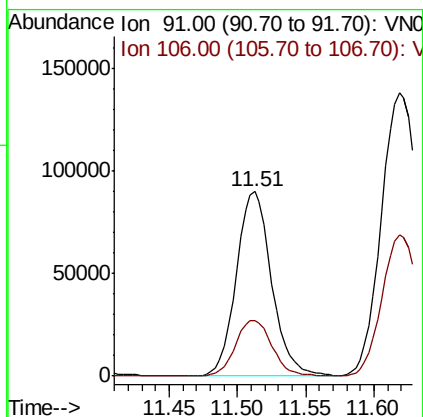
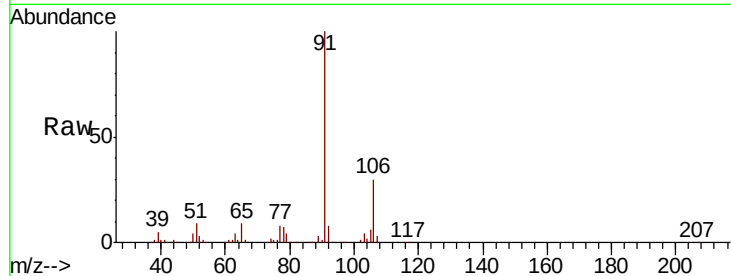




#67
Ethyl Benzene
Concen: 4.336 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053751.D
Acq: 13 Feb 2019 13:28

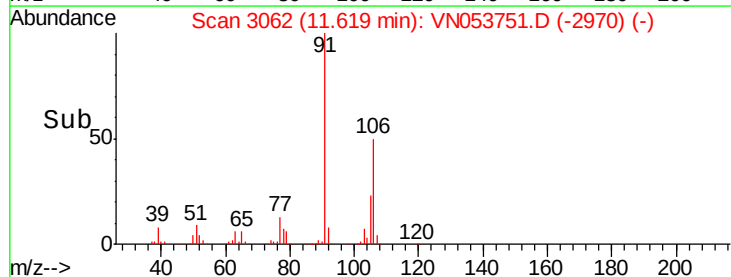
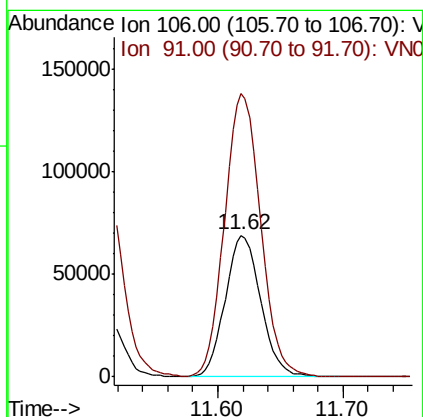
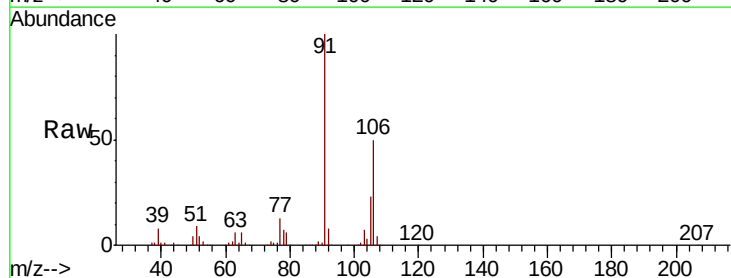
Instrument :
MSVOA_N
ClientSampled :
JC-02-021119-B

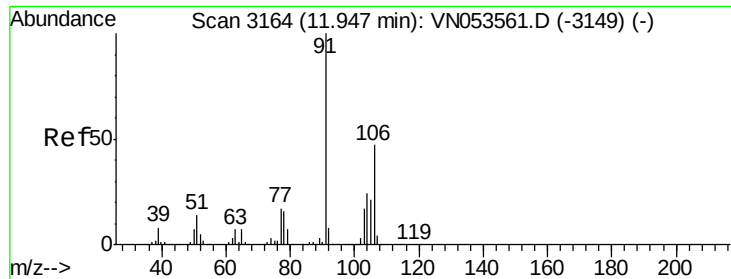
Tot Ion: 91 Resp: 161870
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.6



#68
m/p-Xylenes
Concen: 9.506 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053751.D
Acq: 13 Feb 2019 13:28

Tgt Ion: 106 Resp: 135456
Ion Ratio Lower Upper
106 100
91 202.9 161.4 242.2

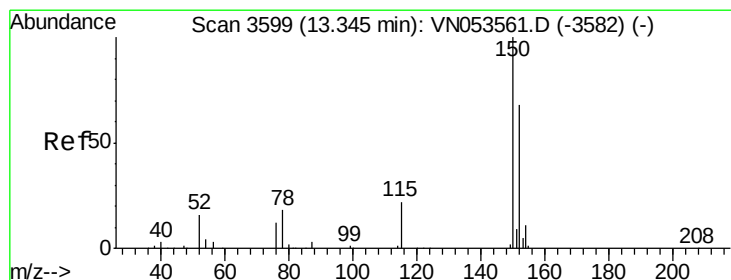
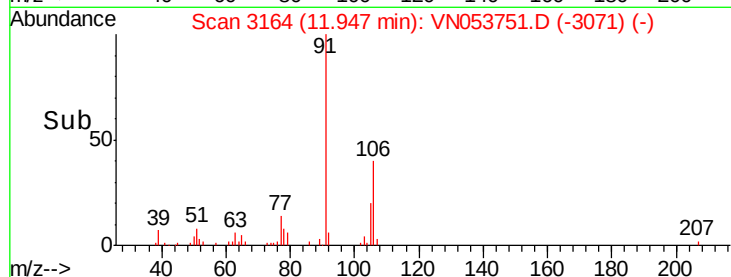
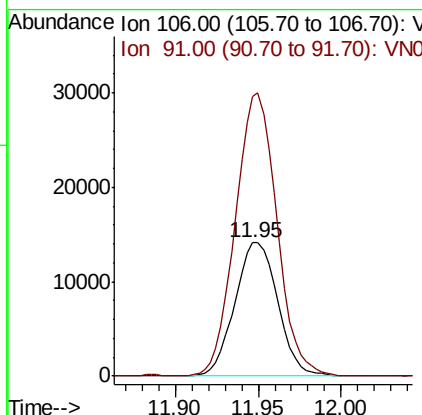
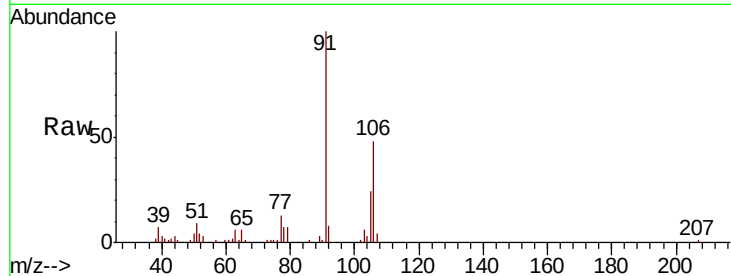




#69
o-Xylene
Concen: 1.847 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053751.D
Acq: 13 Feb 2019 13:28

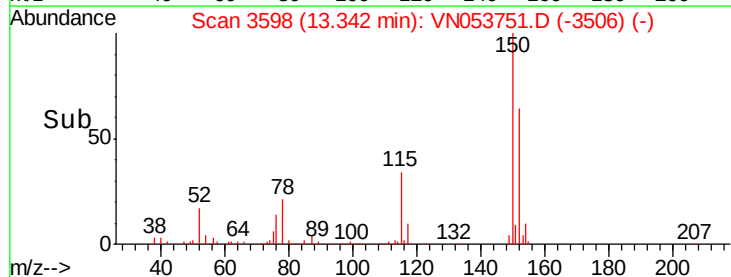
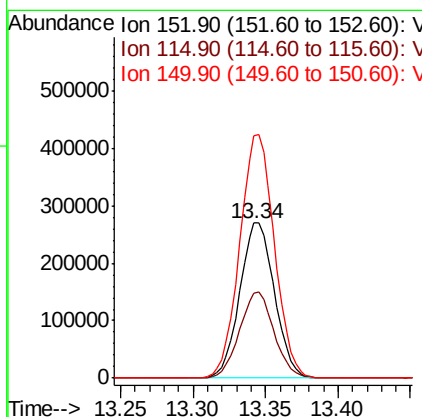
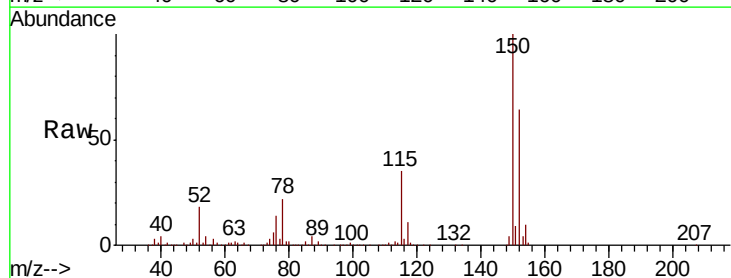
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-B

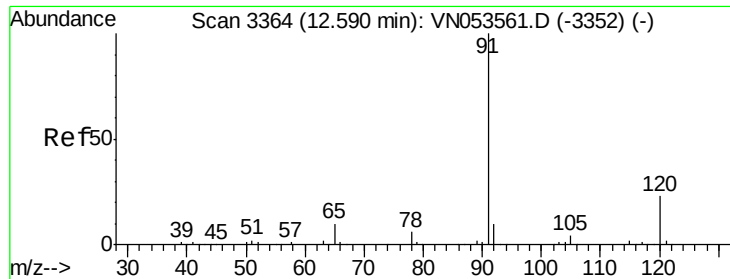
Tot Ion:106 Resp: 25422
Ion Ratio Lower Upper
106 100
91 205.7 106.9 320.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053751.D
Acq: 13 Feb 2019 13:28

Tgt Ion:152 Resp: 449013
Ion Ratio Lower Upper
152 100
115 55.4 27.8 83.4
150 156.6 0.0 349.0

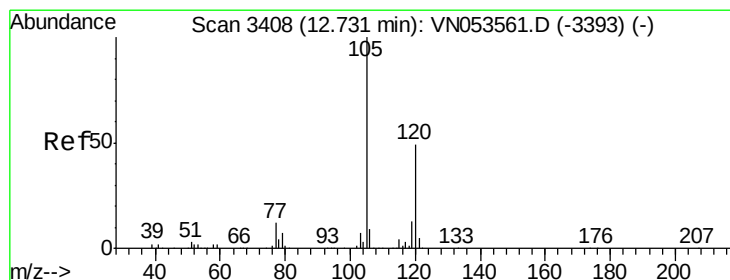
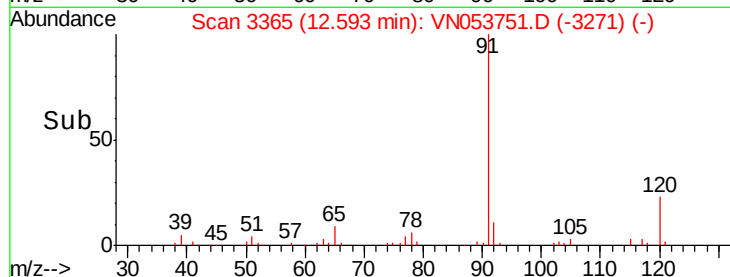
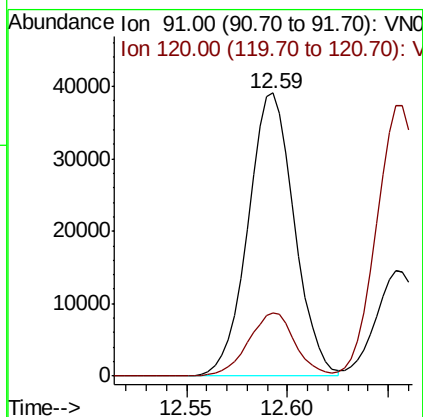
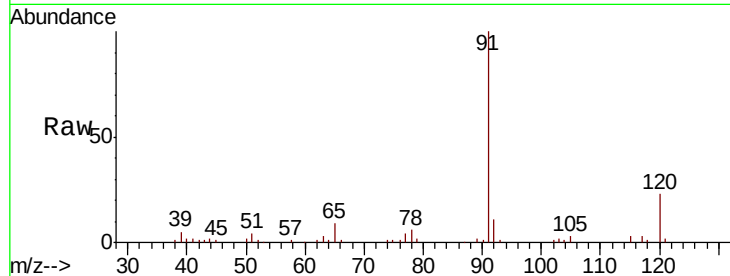




#78
n-propylbenzene
Concen: 1.718 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. 0.00 min
Lab File: VN053751.D
Acq: 13 Feb 2019 13:28

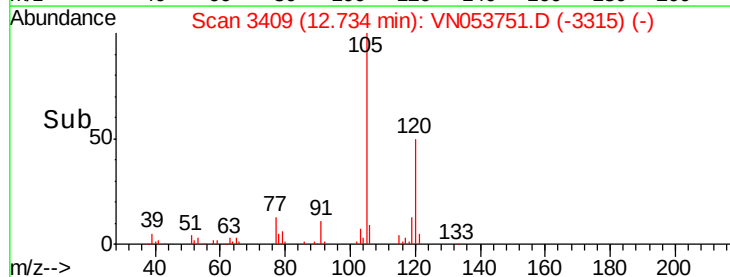
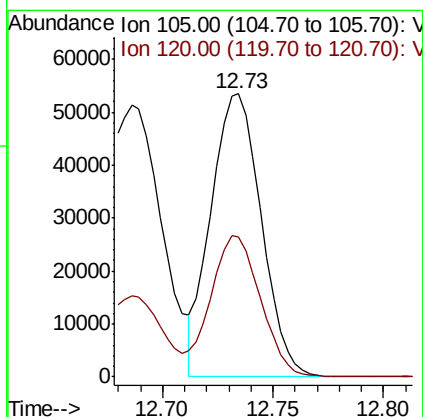
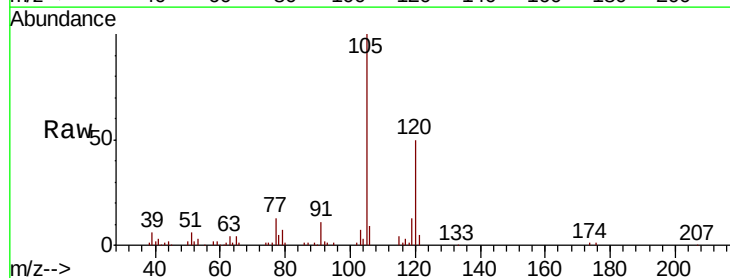
Instrument :
MSVOA_N
ClientSampleId :
JC-02-021119-B

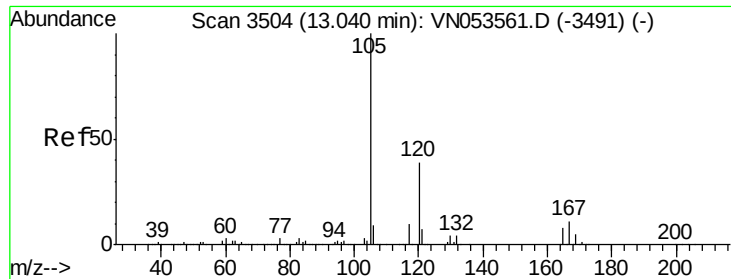
Tot Ion: 91 Resp: 62702
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.5



#80
1,3,5-Trimethylbenzene
Concen: 3.240 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN053751.D
Acq: 13 Feb 2019 13:28

Tgt Ion: 105 Resp: 84798
Ion Ratio Lower Upper
105 100
120 49.8 24.9 74.6

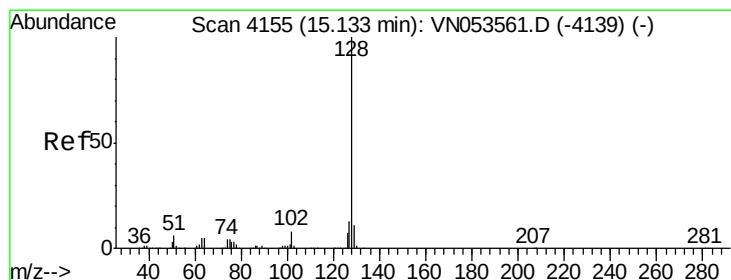
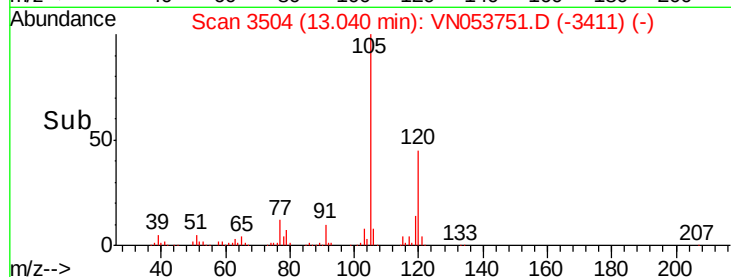
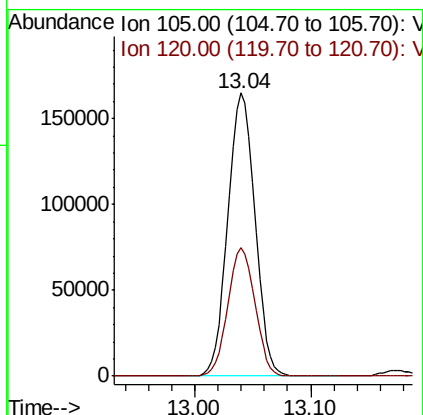
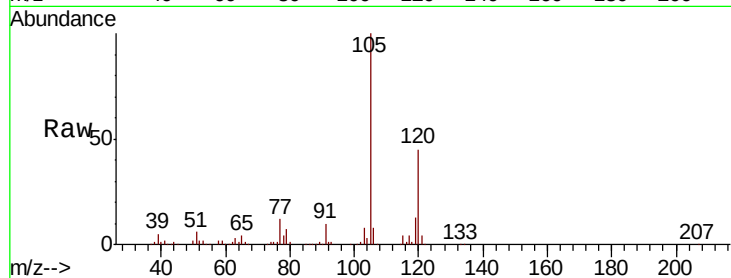




#84
1,2,4-Trimethylbenzene
Concen: 9.970 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN053751.D
Acq: 13 Feb 2019 13:28

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

Tot Ion:105 Resp: 265874
Ion Ratio Lower Upper
105 100
120 45.2 23.0 69.0



#95
Naphthalene
Concen: 3.228 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053751.D
Acq: 13 Feb 2019 13:28

Tgt Ion:128 Resp: 30490
Ion Ratio Lower Upper
128 100
127 12.0 10.3 15.5
129 11.2 8.6 13.0

