

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054905.D
 Acq On : 2 Apr 2019 16:43
 Operator : JC/SP
 Sample : K2190-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN-SP-1

Quant Time: Apr 03 06:42:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	514013	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	858982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	749717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	279389	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	343904	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
35) Dibromofluoromethane	7.59	113	274111	47.87	ug/l	0.00
Spiked Amount			Recovery	=	95.74%	
50) Toluene-d8	10.09	98	1045969	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	12.40	95	328290	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	

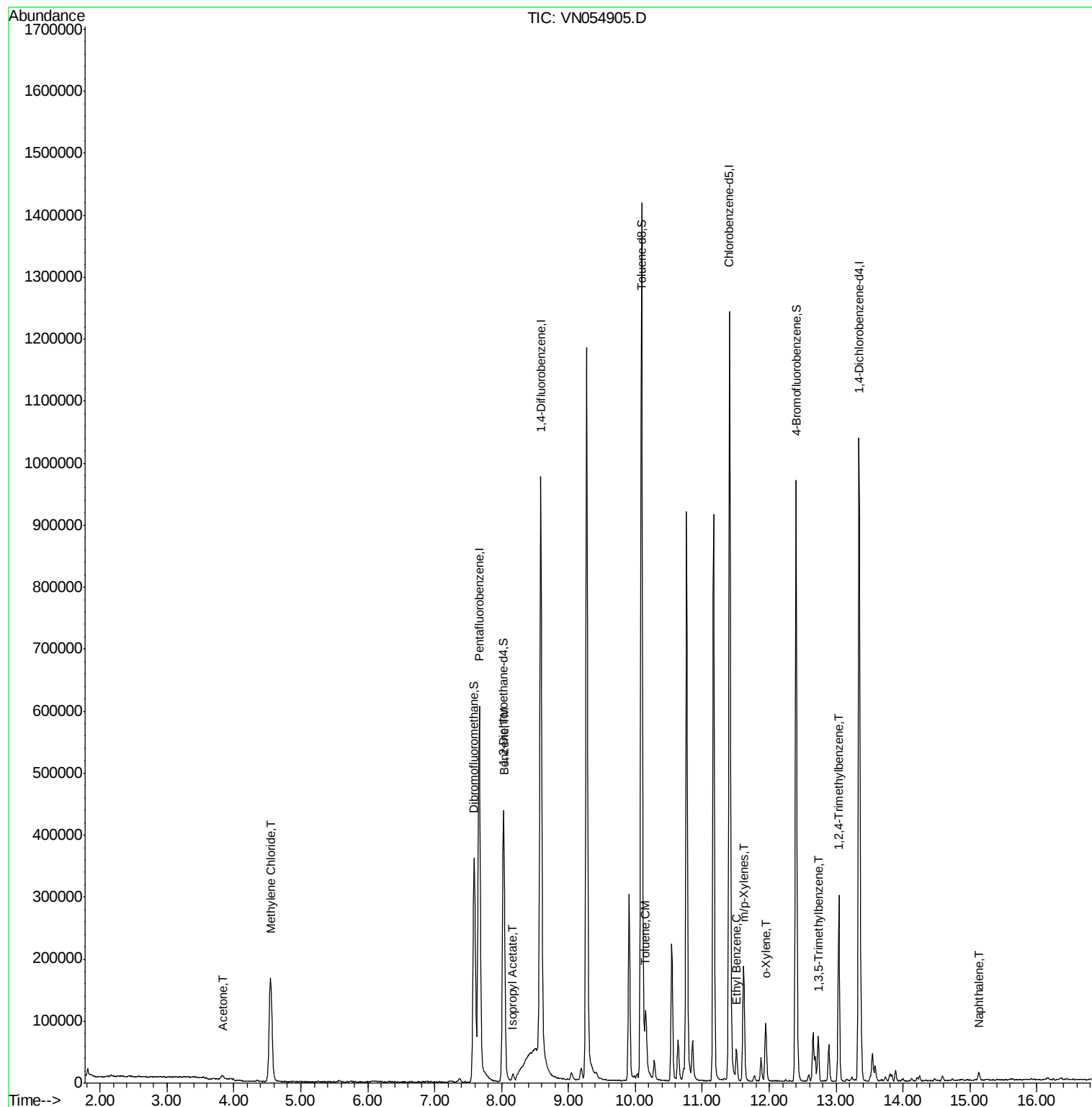
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	9940	6.016	ug/l #	84
20) Methylene Chloride	4.55	84	117054	20.083	ug/l #	85
40) Benzene	8.04	78	56755	2.478	ug/l	99
43) Isopropyl Acetate	8.17	43	15120	1.585	ug/l #	81
52) Toluene	10.16	92	38280	2.809	ug/l	93
67) Ethyl Benzene	11.51	91	34073	1.286	ug/l	93
68) m/p-Xylenes	11.62	106	58800	5.999	ug/l	95
69) o-Xylene	11.95	106	25745	2.678	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	38977	2.080	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	168661	9.448	ug/l	96
95) Naphthalene	15.13	128	10566	1.049	ug/l	97

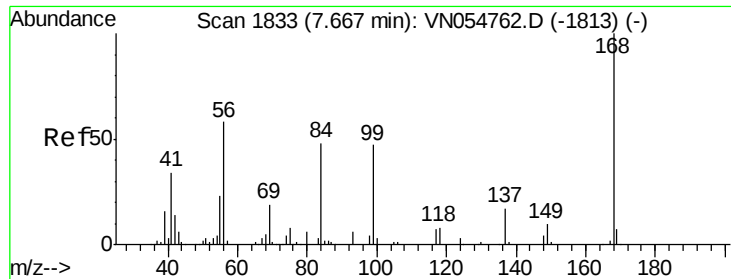
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
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Quant Time: Apr 03 06:42:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 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: VN054905.D

Acq: 2 Apr 2019 16:43

Instrument :

MSVOA_N

ClientSampled :

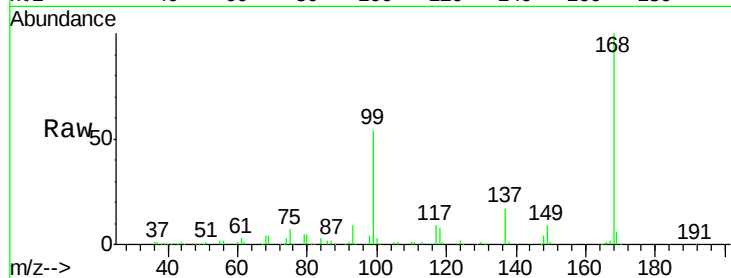
VN-SP-1

Tot Ion:168 Resp: 514013

Ion Ratio Lower Upper

168 100

99 54.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.67

250000

200000

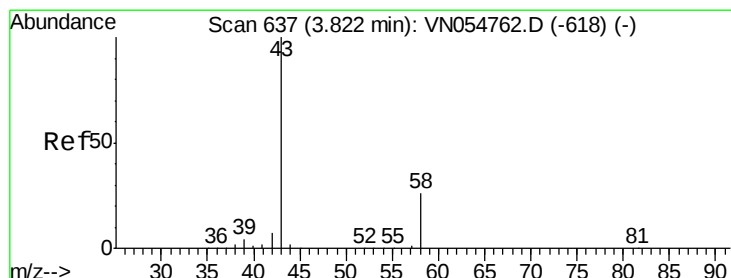
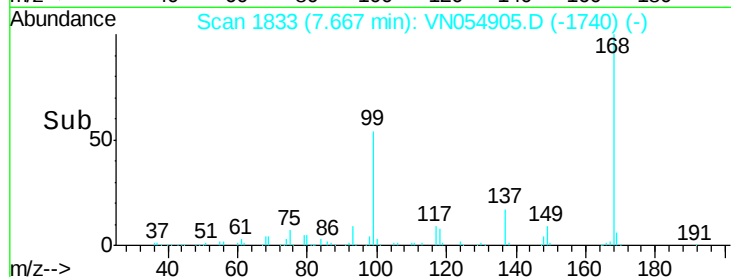
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.016 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN054905.D

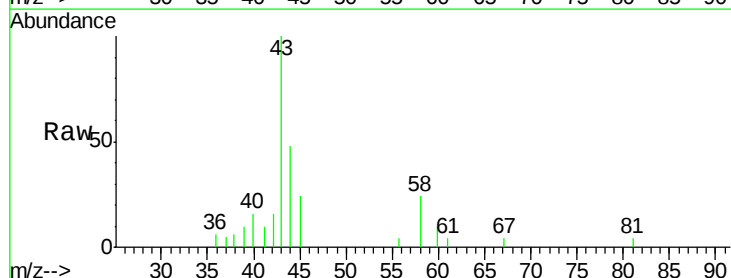
Acq: 2 Apr 2019 16:43

Tgt Ion: 43 Resp: 9940

Ion Ratio Lower Upper

43 100

58 28.0 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-618) (-)

3.83

5000

4000

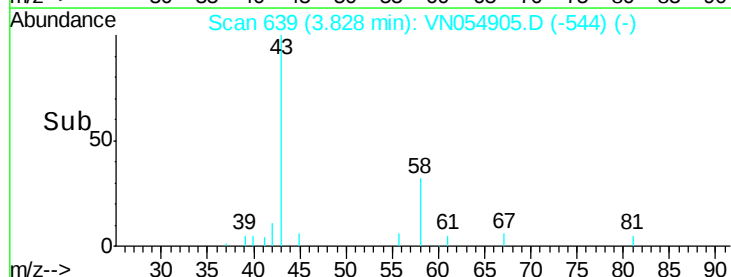
3000

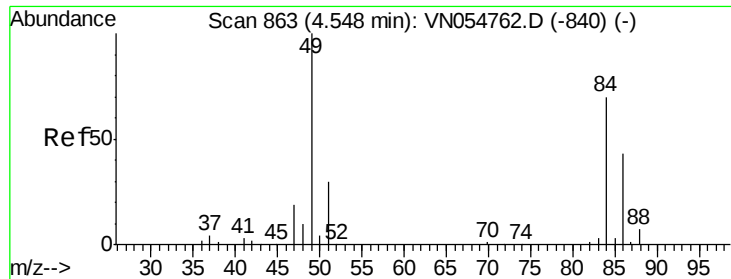
2000

1000

0

Time-->

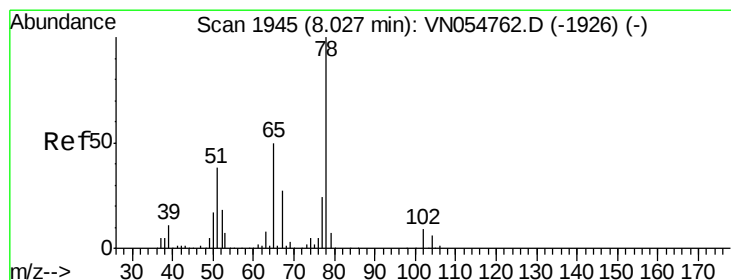
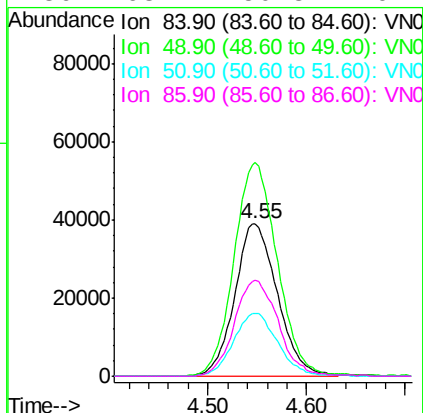
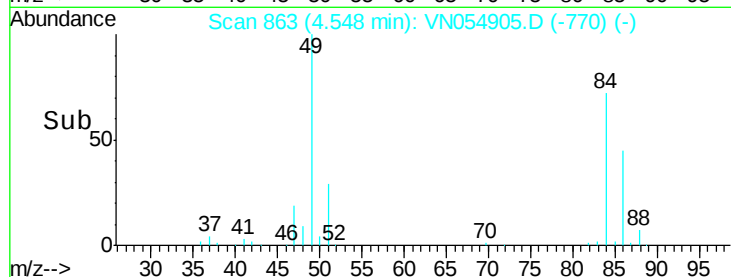
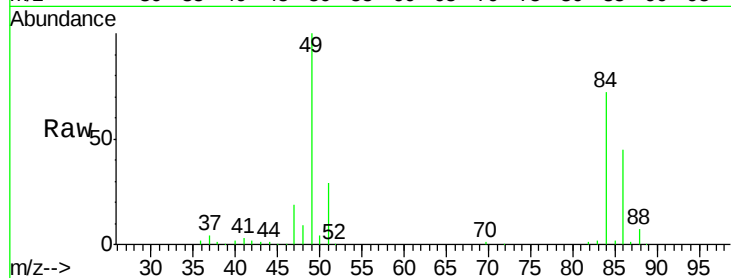




#20
Methvlene Chloride
Concen: 20.083 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054905.D
Acq: 2 Apr 2019 16:43

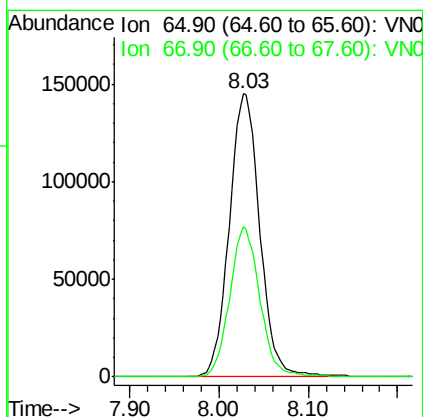
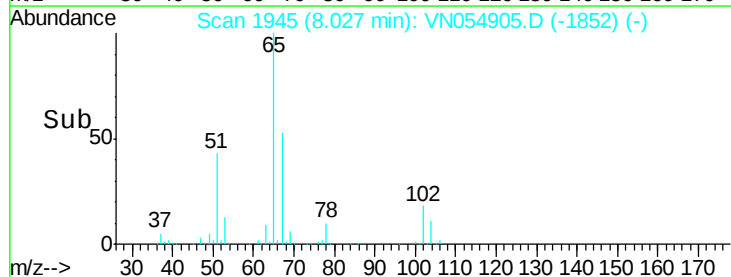
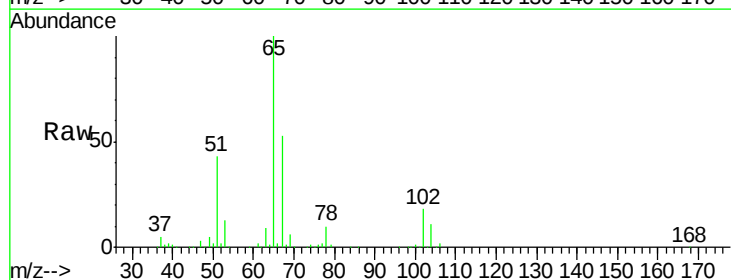
Instrument :
MSVOA_N
ClientSampled :
VN-SP-1

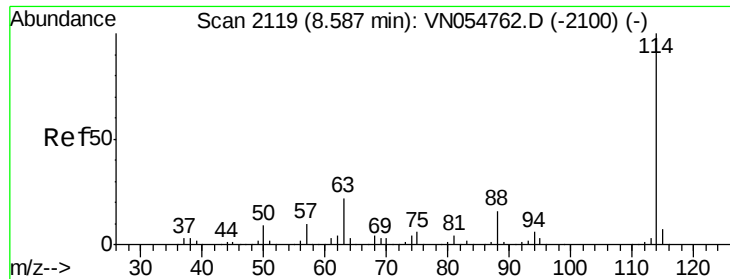
Tot Ion: 84 Resp: 117054
Ion Ratio Lower Upper
84 100
49 139.0 89.7 134.5#
51 41.1 28.2 42.4
86 63.2 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 49.632 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054905.D
Acq: 2 Apr 2019 16:43

Tgt Ion: 65 Resp: 343904
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054905.D

Acq: 2 Apr 2019 16:43

Instrument :

MSVOA_N

ClientSampled :

VN-SP-1

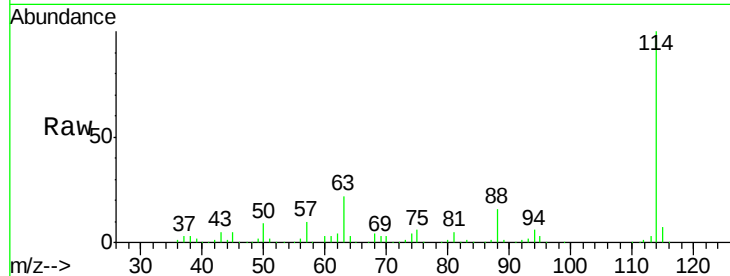
Tot Ion:114 Resp: 858982

Ion Ratio Lower Upper

114 100

63 22.1 0.0 35.2

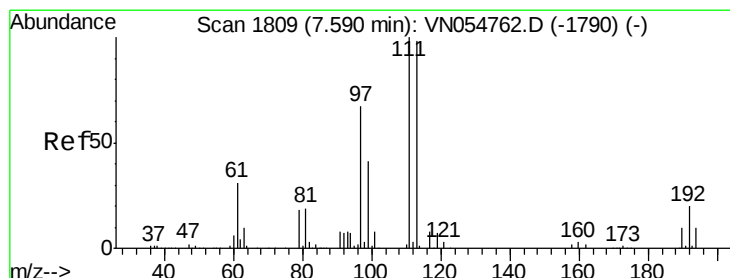
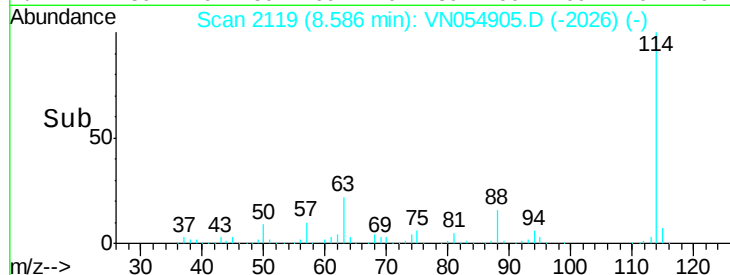
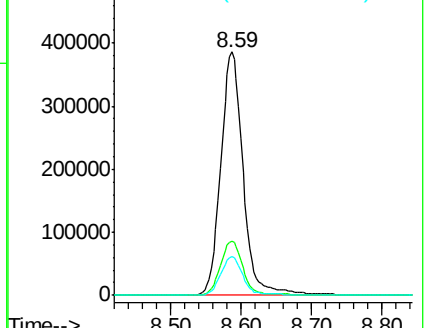
88 15.9 0.0 30.2



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: 47.865 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054905.D

Acq: 2 Apr 2019 16:43

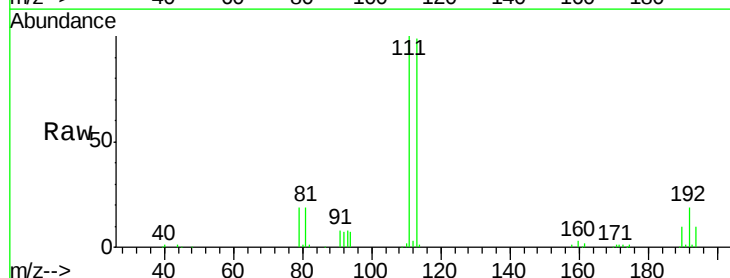
Tgt Ion:113 Resp: 274111

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

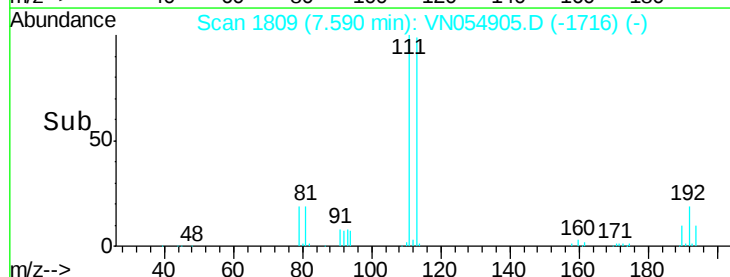
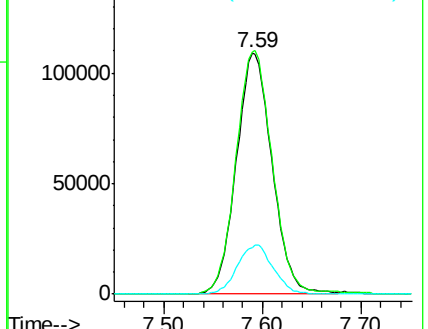
192 20.5 19.2 28.8

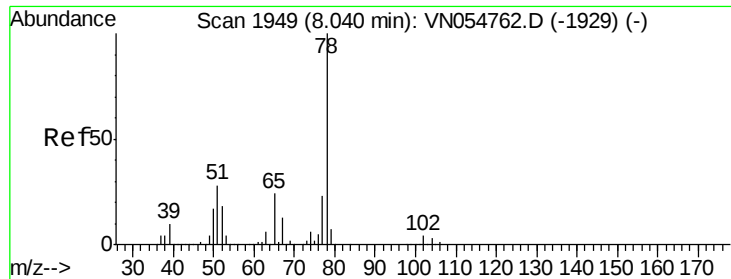


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 2.478 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN054905.D

Acq: 2 Apr 2019 16:43

Instrument :

MSVOA_N

ClientSampled :

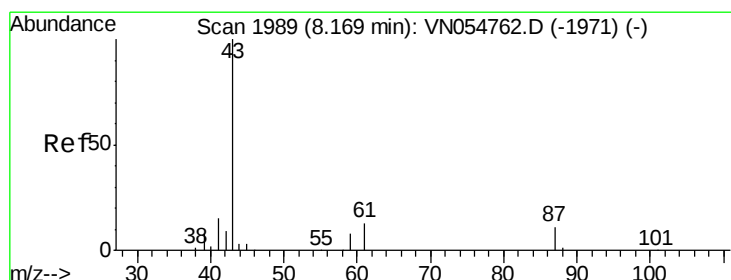
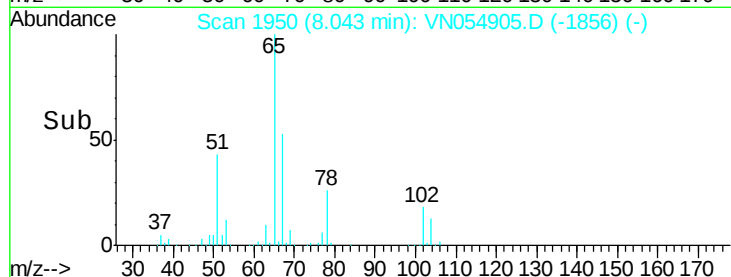
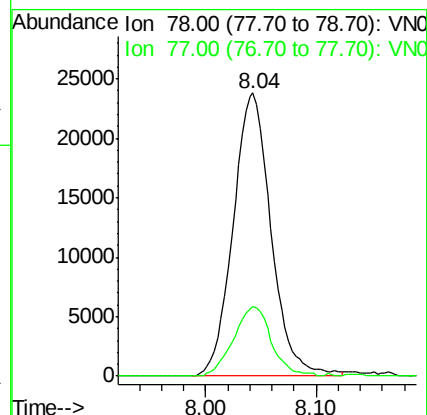
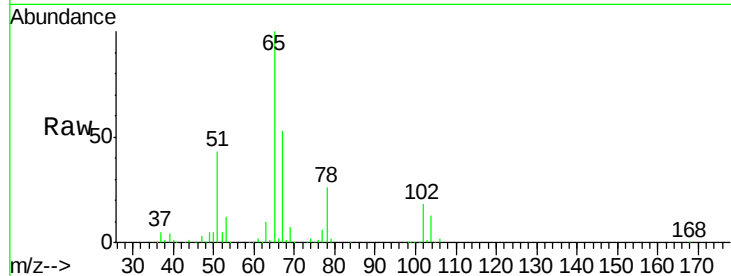
VN-SP-1

Tot Ion: 78 Resp: 56755

Ion Ratio Lower Upper

78 100

77 24.6 19.1 28.7



#43

Isopropyl Acetate

Concen: 1.585 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054905.D

Acq: 2 Apr 2019 16:43

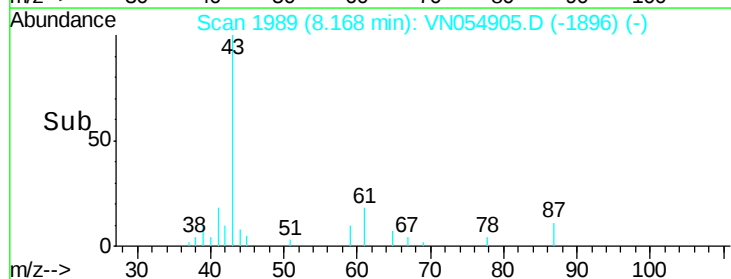
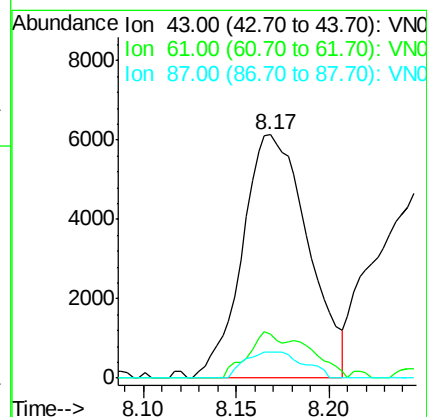
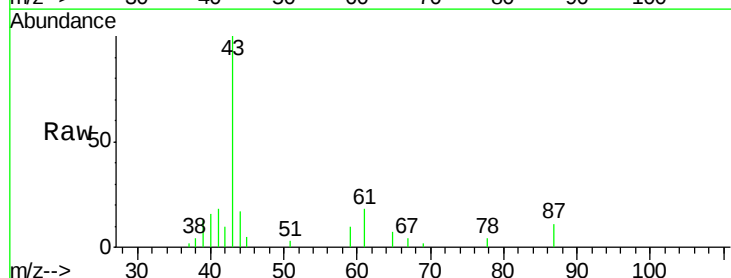
Tgt Ion: 43 Resp: 15120

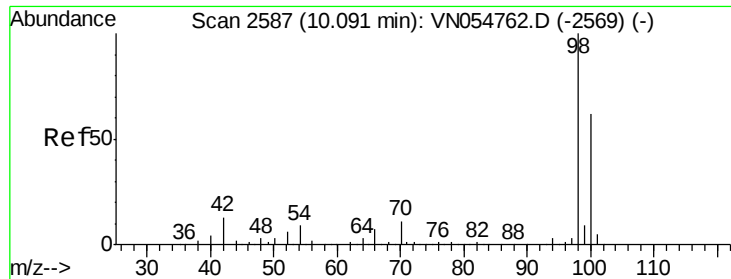
Ion Ratio Lower Upper

43 100

61 9.4 15.8 23.8#

87 9.4 12.0 18.0#





#50

Toluene-d8

Concen: 49.128 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054905.D

Acq: 2 Apr 2019 16:43

Instrument :

MSVOA_N

ClientSampled :

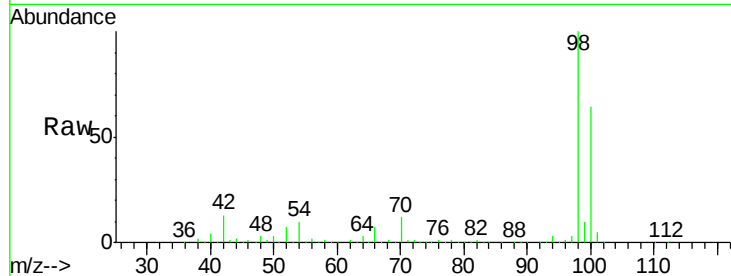
VN-SP-1

Tot Ion: 98 Resp: 1045969

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054762.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN054762.D (-2569) (-)

10.09

600000

500000

400000

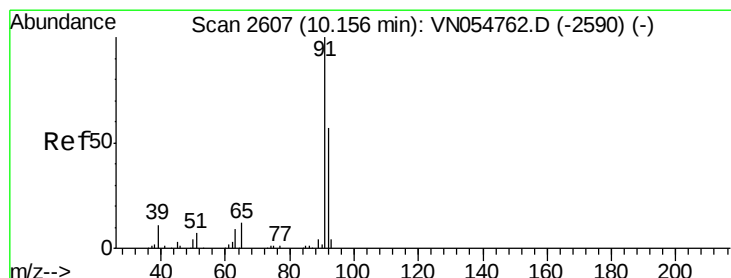
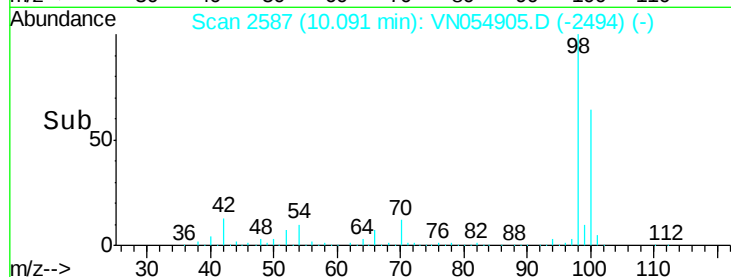
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 2.809 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054905.D

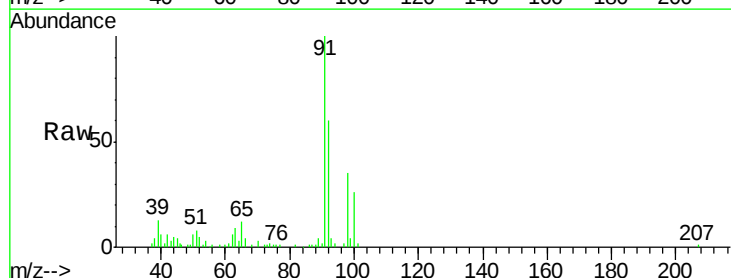
Acq: 2 Apr 2019 16:43

Tgt Ion: 92 Resp: 38280

Ion Ratio Lower Upper

92 100

91 166.2 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054762.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN054762.D (-2590) (-)

10.16

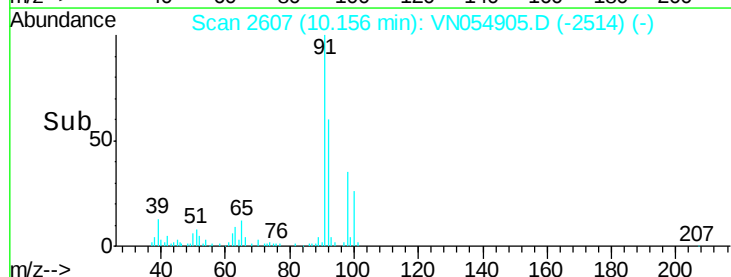
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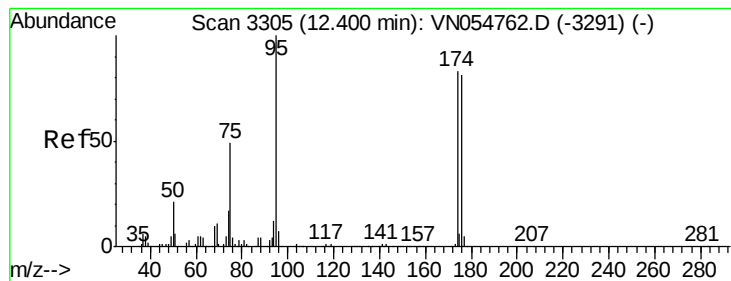
20000

10000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 46.363 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054905.D

Acq: 2 Apr 2019 16:43

Instrument :

MSVOA_N

ClientSampled :

VN-SP-1

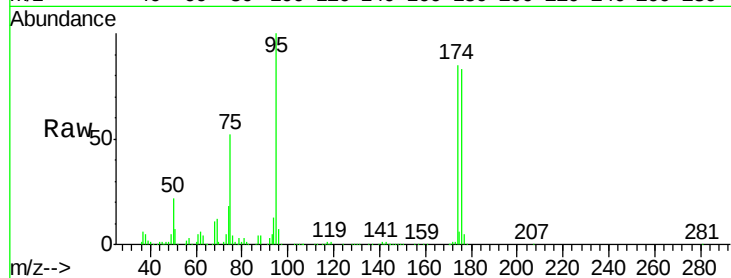
Tot Ion: 95 Resp: 328290

Ion Ratio Lower Upper

95 100

174 85.3 0.0 191.0

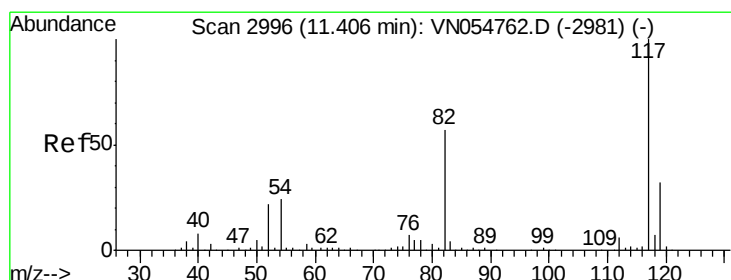
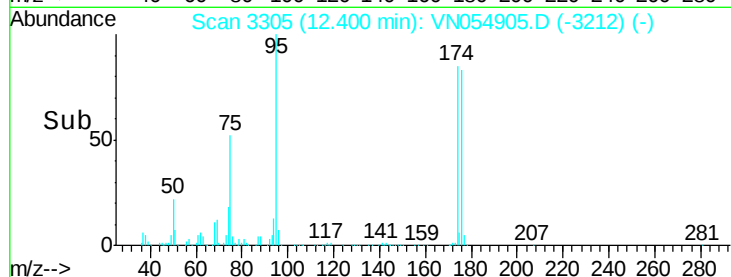
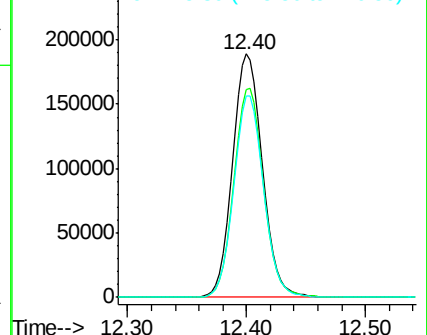
176 82.5 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054905.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054905.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054905.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054905.D

Acq: 2 Apr 2019 16:43

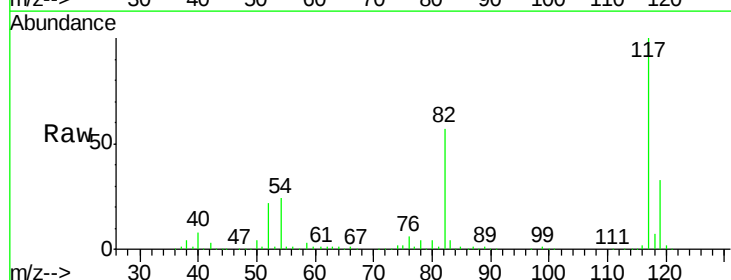
Tgt Ion: 117 Resp: 749717

Ion Ratio Lower Upper

117 100

82 57.0 40.0 60.0

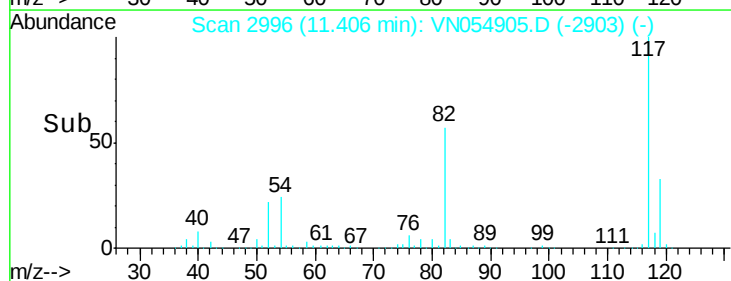
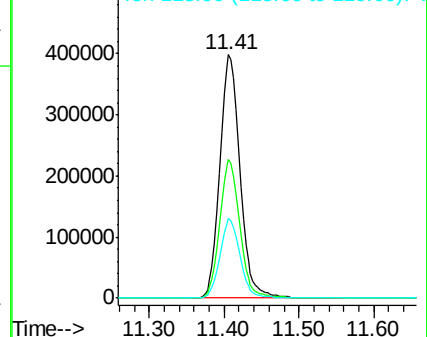
119 32.6 25.8 38.6

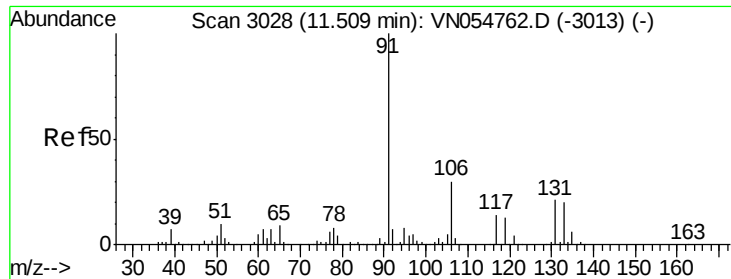


Abundance Ion 116.90 (116.60 to 117.60): VN054905.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054905.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054905.D (-2903) (-)

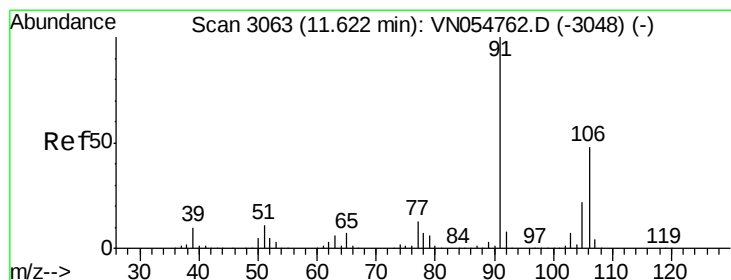
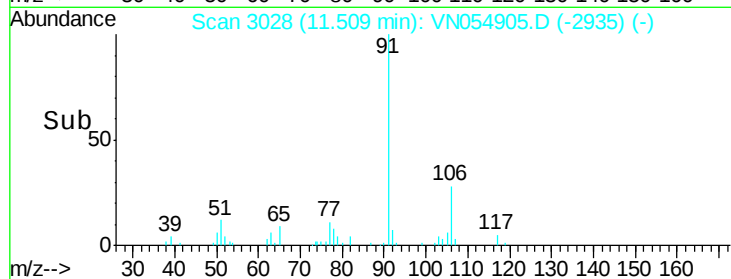
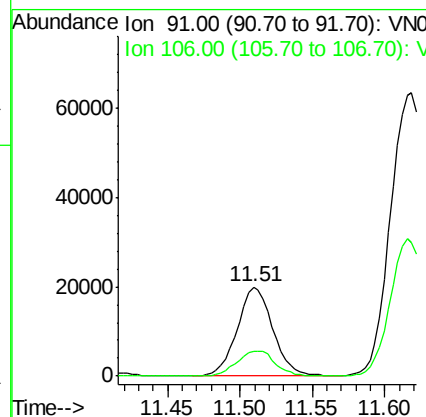
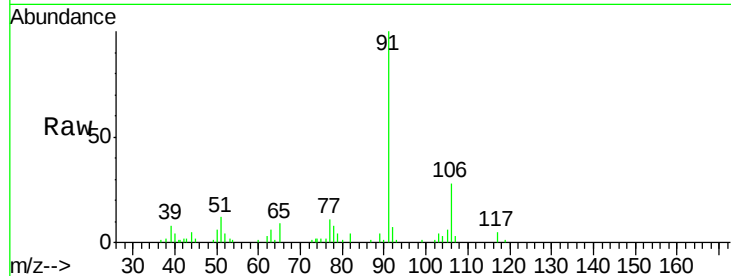




#67
Ethyl Benzene
Concen: 1.286 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054905.D
Acq: 2 Apr 2019 16:43

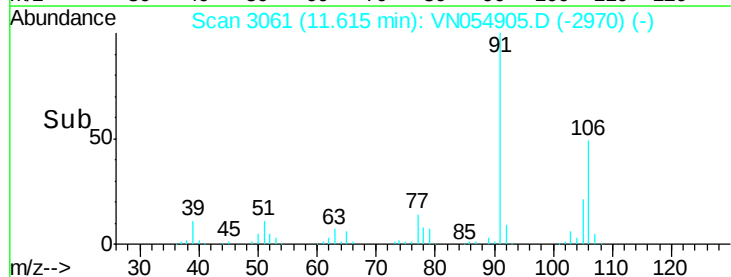
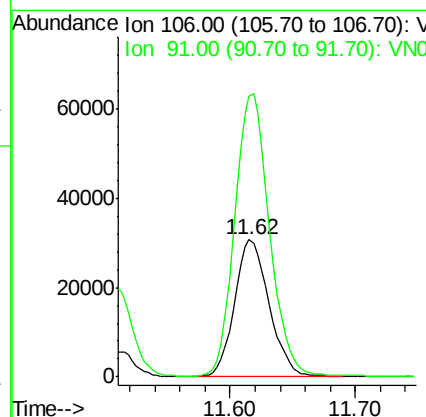
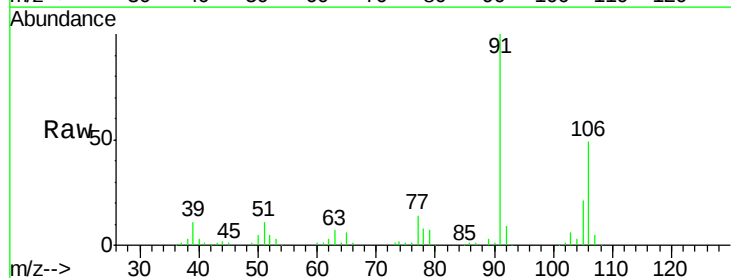
Instrument :
MSVOA_N
ClientSampled :
VN-SP-1

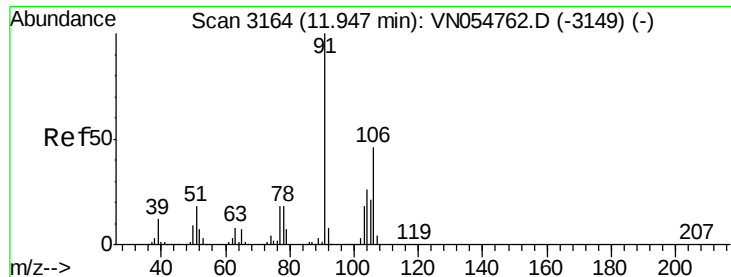
Tot Ion: 91 Resp: 34073
Ion Ratio Lower Upper
91 100
106 27.8 25.5 38.3



#68
m/p-Xylenes
Concen: 5.999 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN054905.D
Acq: 2 Apr 2019 16:43

Tgt Ion: 106 Resp: 58800
Ion Ratio Lower Upper
106 100
91 206.1 159.4 239.2

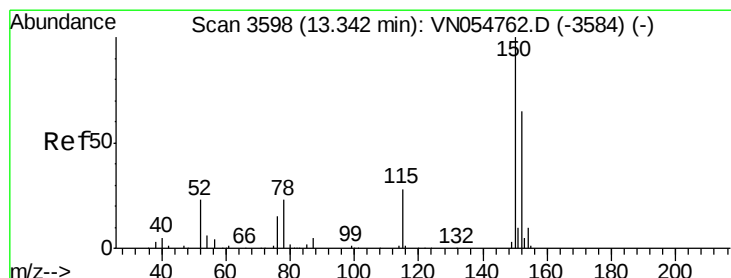
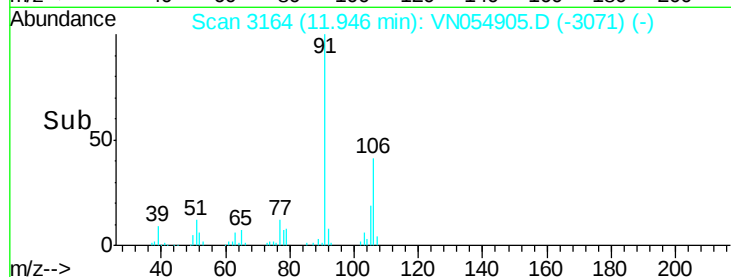
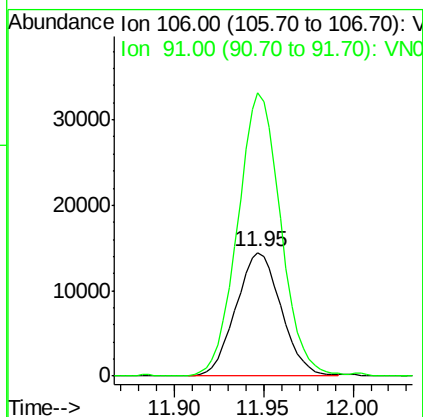
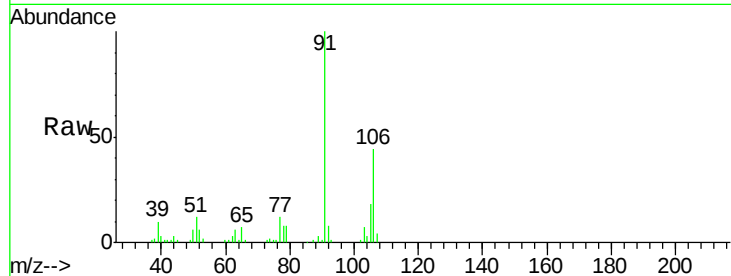




#69
o-Xylene
Concen: 2.678 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054905.D
Acq: 2 Apr 2019 16:43

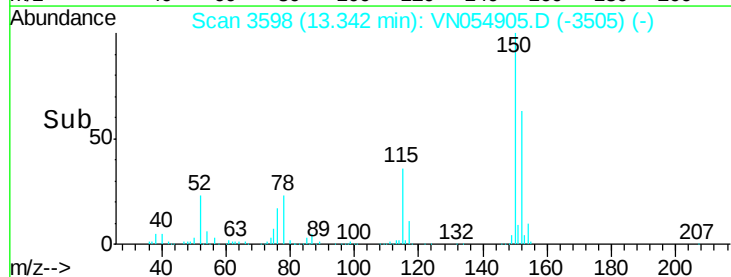
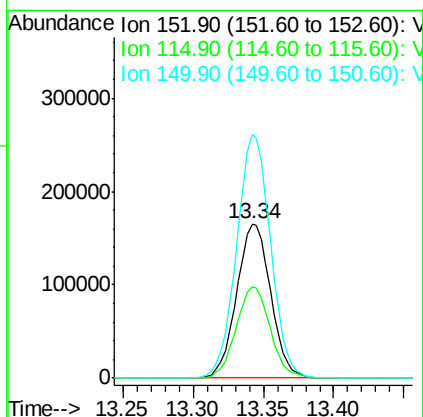
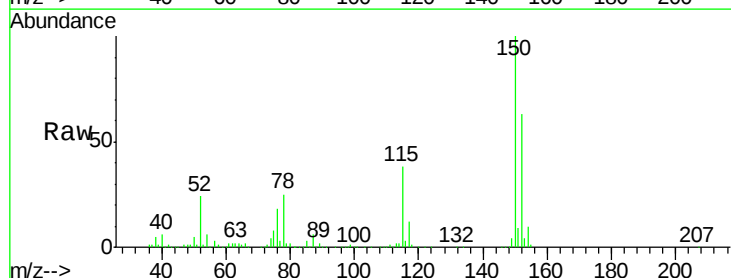
Instrument :
MSVOA_N
ClientSampleId :
VN-SP-1

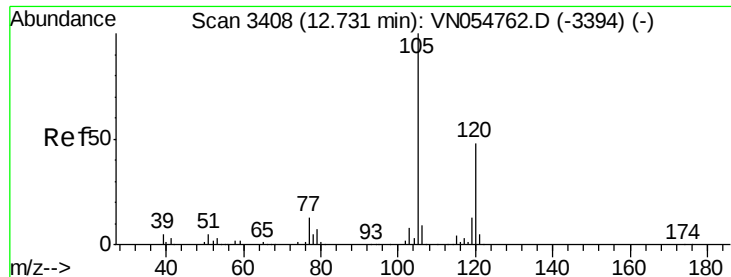
Tot Ion:106 Resp: 25745
Ion Ratio Lower Upper
106 100
91 217.1 105.7 317.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN054905.D
Acq: 2 Apr 2019 16:43

Tgt Ion:152 Resp: 279389
Ion Ratio Lower Upper
152 100
115 59.5 27.2 81.6
150 157.5 0.0 349.2





#80

1,3,5-Trimethylbenzene

Concen: 2.080 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054905.D

Acq: 2 Apr 2019 16:43

Instrument :

MSVOA_N

ClientSampled :

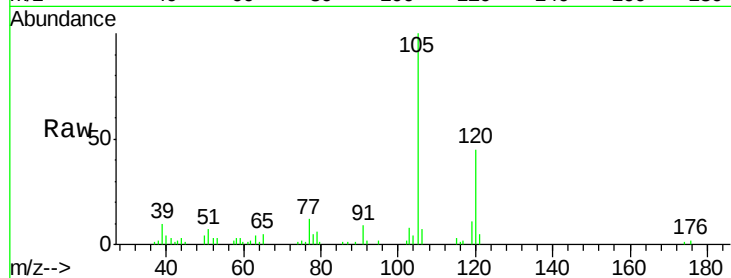
VN-SP-1

Tot Ion:105 Resp: 38977

Ion Ratio Lower Upper

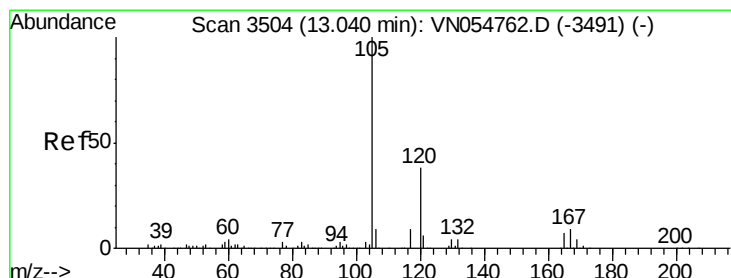
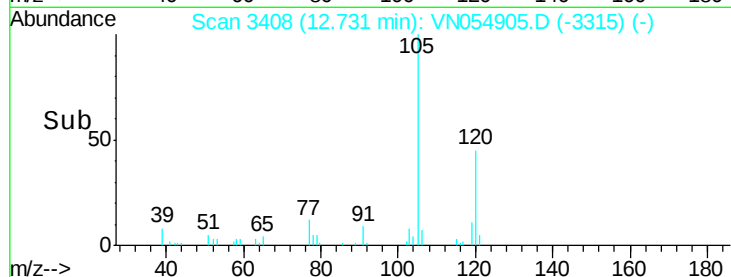
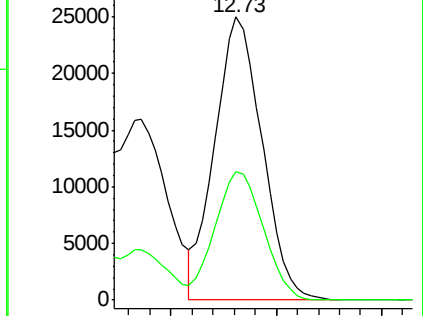
105 100

120 46.2 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 9.448 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN054905.D

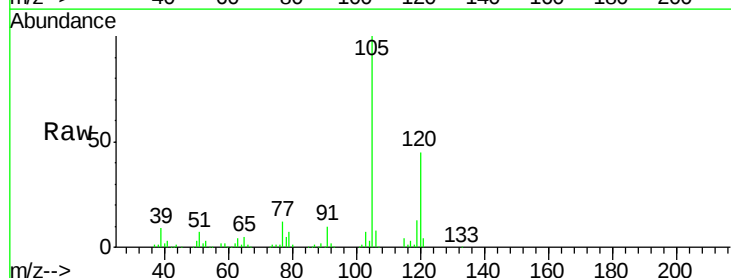
Acq: 2 Apr 2019 16:43

Tgt Ion:105 Resp: 168661

Ion Ratio Lower Upper

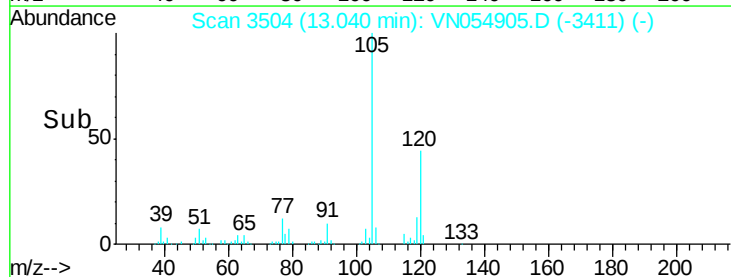
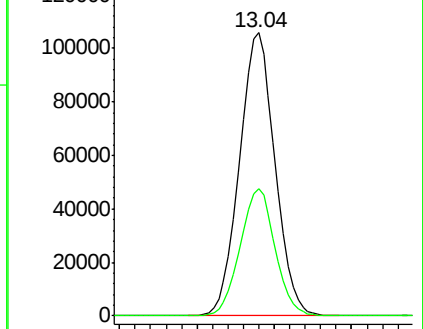
105 100

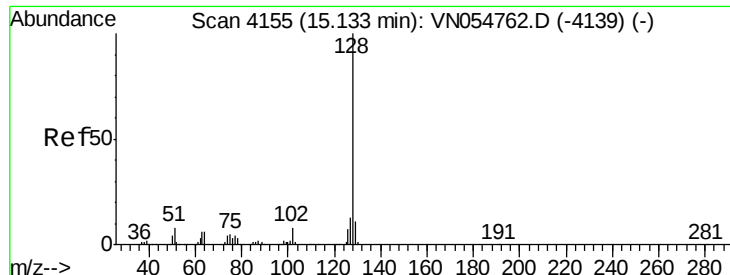
120 44.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 1.049 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN054905.D

Acq: 2 Apr 2019 16:43

Instrument :

MSVOA_N

ClientSampleId :

VN-SP-1

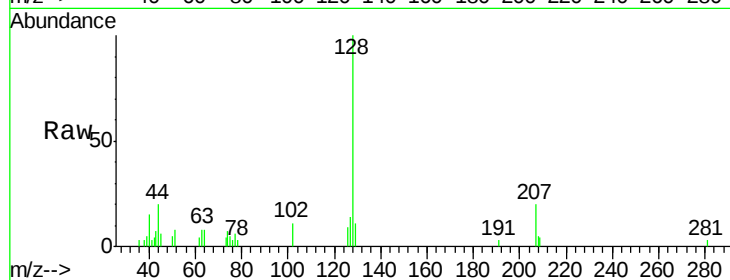
Tot Ion:128 Resp: 10566

Ion Ratio Lower Upper

128 100

127 14.1 10.1 15.1

129 9.8 8.7 13.1



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

