

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040319\
 Data File : VN054924.D
 Acq On : 3 Apr 2019 14:15
 Operator : JC/SP
 Sample : K2214-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2-S

Quant Time: Apr 04 02:19:52 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

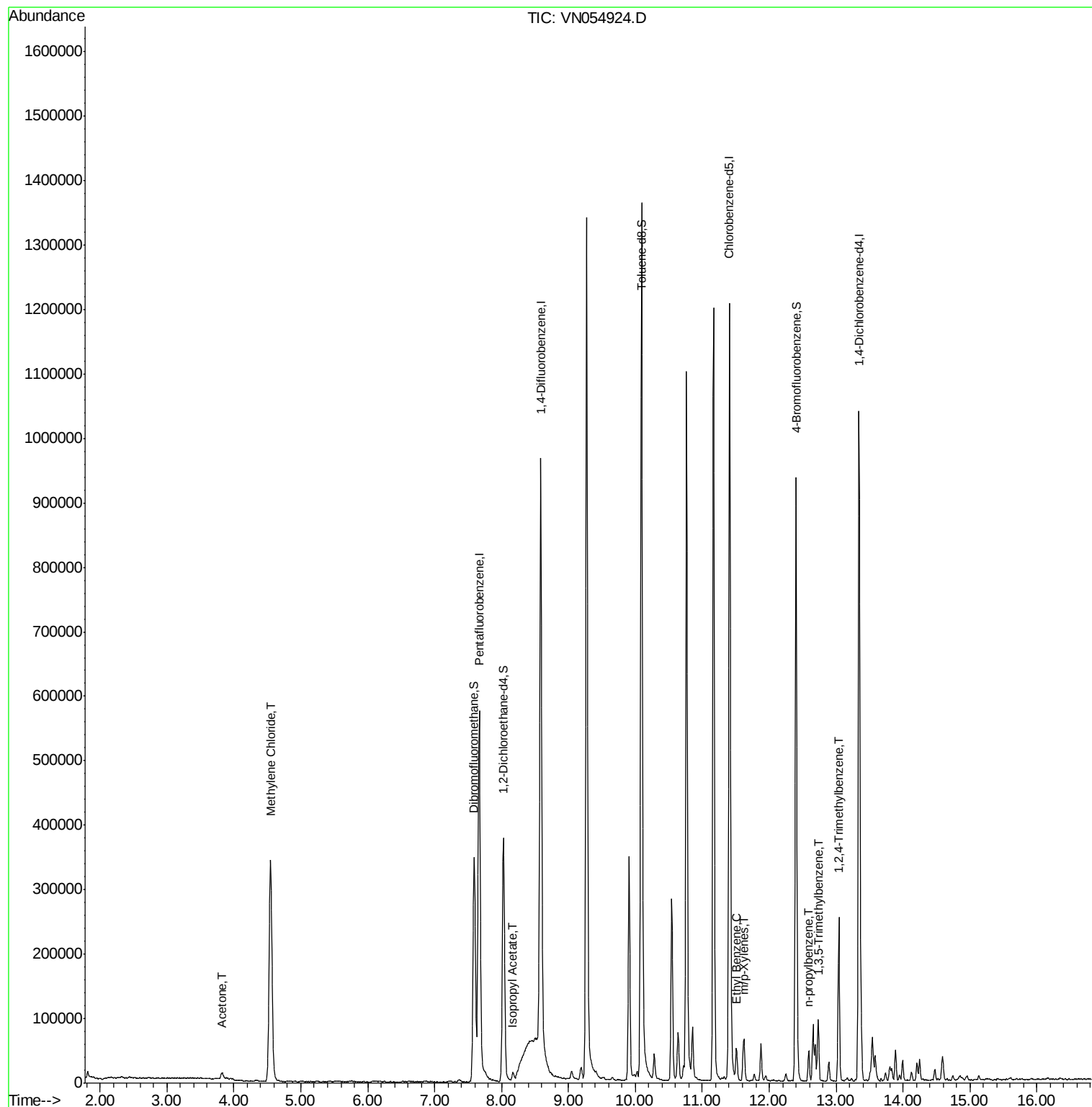
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	496425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	837065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	727856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	276053	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	325090	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	7.59	113	264069	47.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.64%	
50) Toluene-d8	10.09	98	1005139	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.40	95	321451	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	15884	9.954	ug/l #	86
20) Methylene Chloride	4.55	84	238017	42.284	ug/l #	83
43) Isopropyl Acetate	8.17	43	16564	1.782	ug/l #	93
67) Ethyl Benzene	11.51	91	33938	1.320	ug/l	94
68) m/p-Xylenes	11.62	106	21787	2.289	ug/l	96
78) n-propylbenzene	12.59	91	36868	1.487	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	51292	2.770	ug/l	94
84) 1,2,4-Trimethylbenzene	13.04	105	140556	7.969	ug/l	99

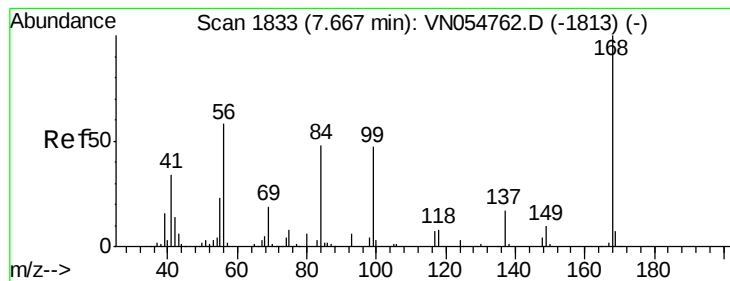
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN040319\
Data File : VN054924.D
Acq On : 3 Apr 2019 14:15
Operator : JC/SP
Sample : K2214-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-2-S

Quant Time: Apr 04 02:19:52 2019
Quant Method : Z:\V0ASRV\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: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

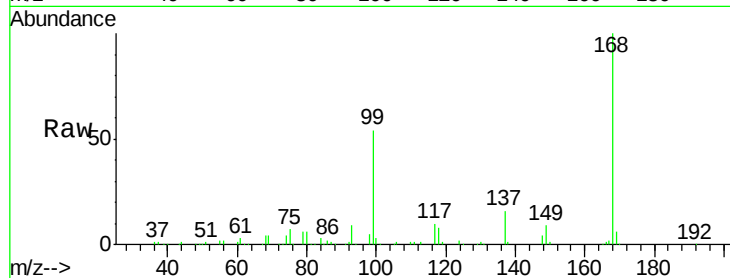
TP-2-S

Tot Ion:168 Resp: 496425

Ion Ratio Lower Upper

168 100

99 53.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054924.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054924.D (-1740) (-)

7.67

200000

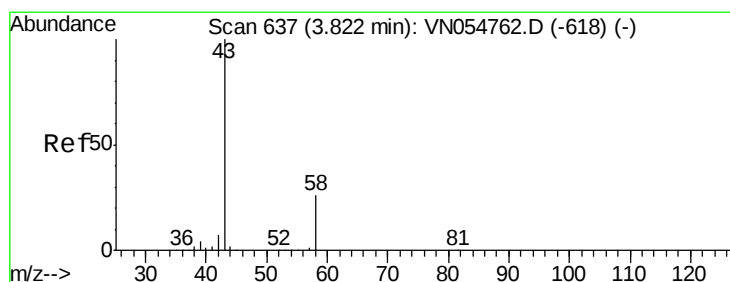
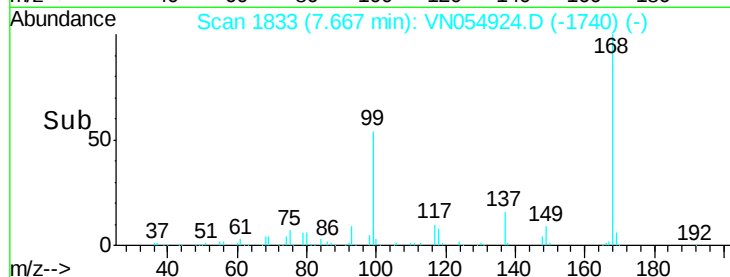
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 9.954 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN054924.D

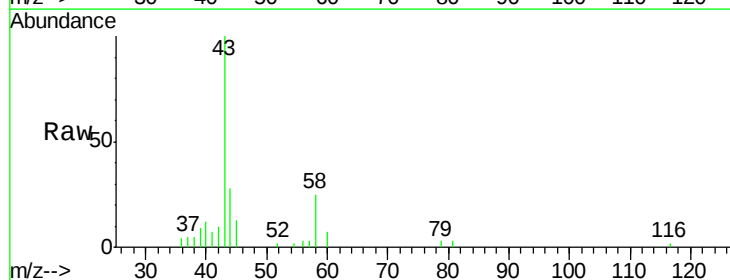
Acq: 3 Apr 2019 14:15

Tgt Ion: 43 Resp: 15884

Ion Ratio Lower Upper

43 100

58 28.9 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054924.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN054924.D (-544) (-)

3.82

8000

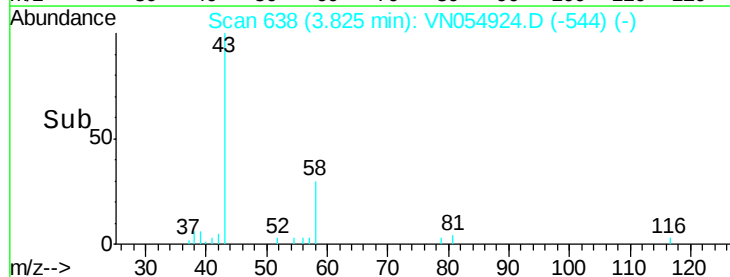
6000

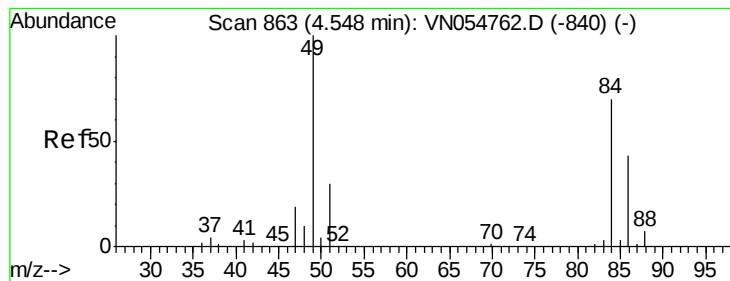
4000

2000

0

Time-->





#20

Methvlene Chloride

Concen: 42.284 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

Tot Ion: 84 Resp: 238017

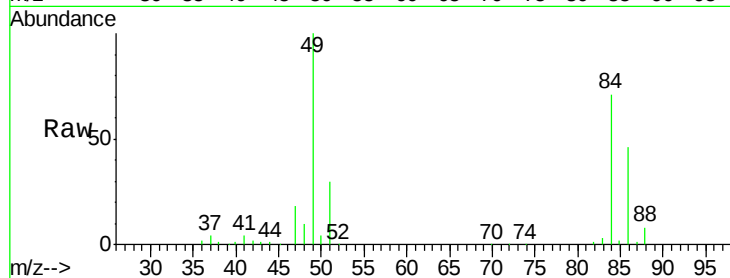
Ion Ratio Lower Upper

84 100

49 140.8 89.7 134.5#

51 42.2 28.2 42.4

86 65.1 50.8 76.2

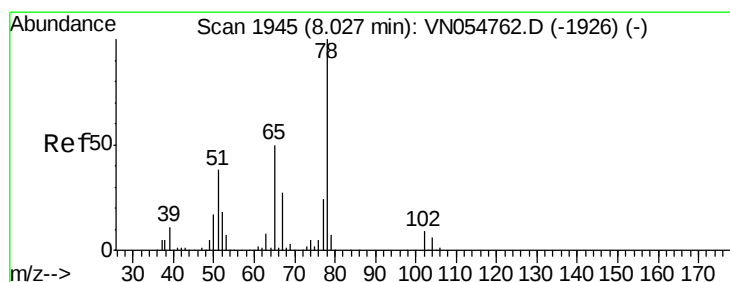
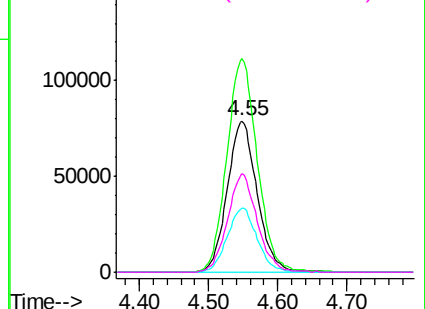
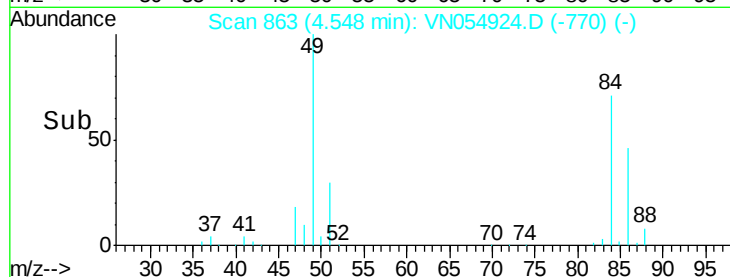


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.579 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054924.D

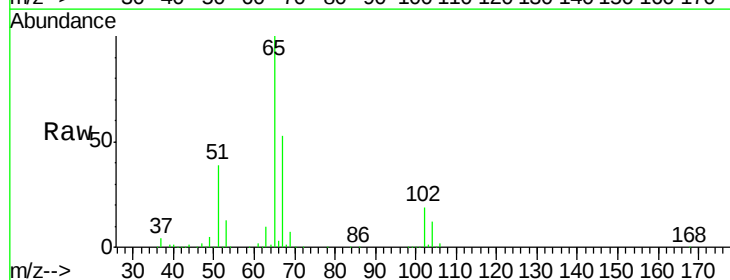
Acq: 3 Apr 2019 14:15

Tgt Ion: 65 Resp: 325090

Ion Ratio Lower Upper

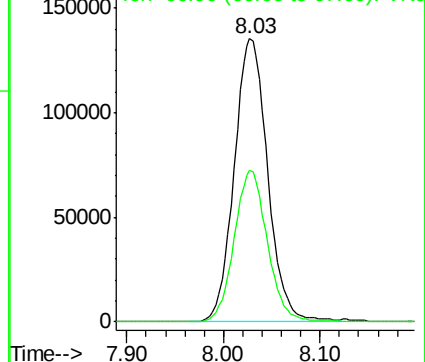
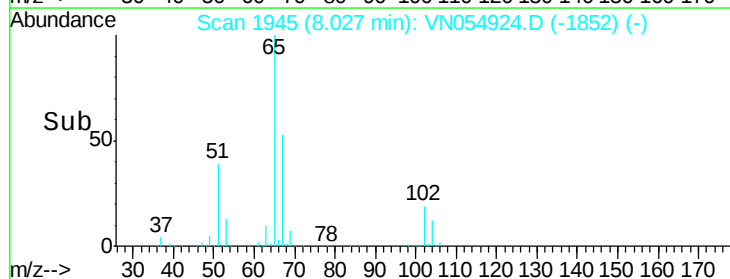
65 100

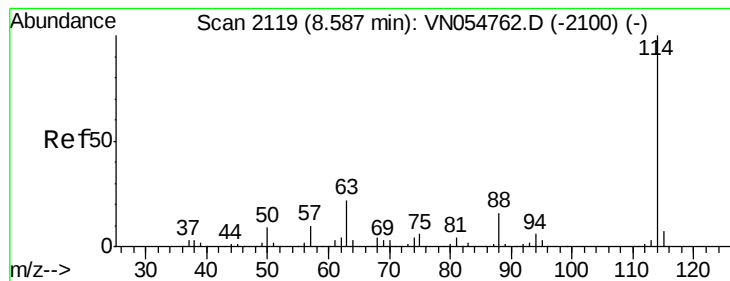
67 52.8 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

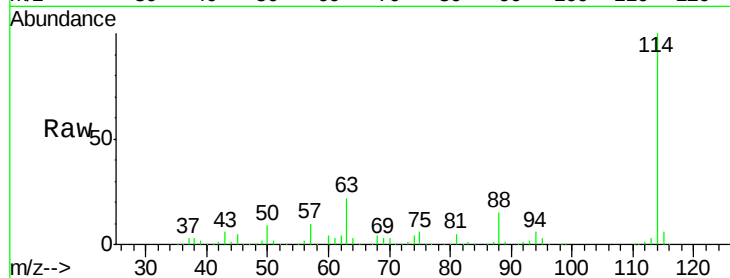
Tot Ion:114 Resp: 837065

Ion Ratio Lower Upper

114 100

63 21.6 0.0 35.2

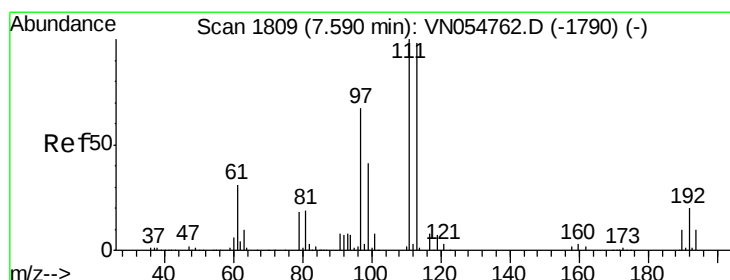
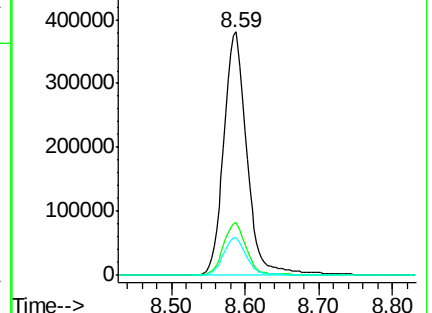
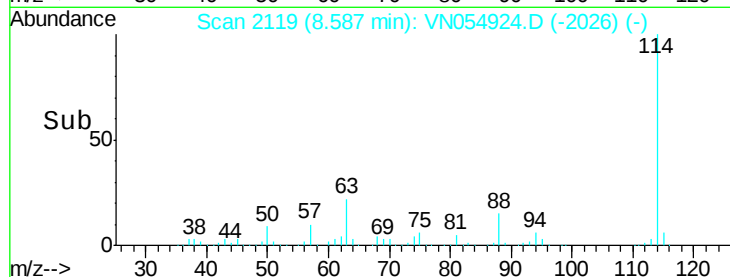
88 15.4 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 47.319 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

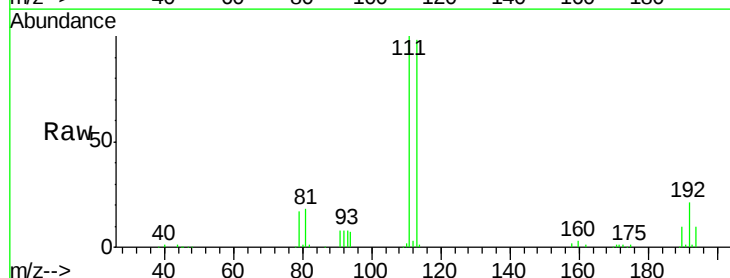
Tgt Ion:113 Resp: 264069

Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

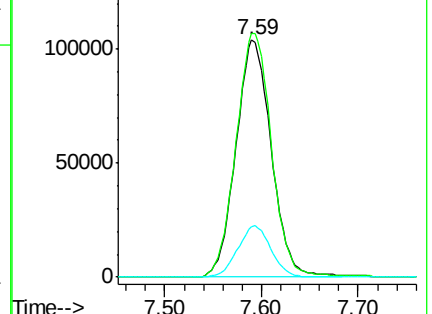
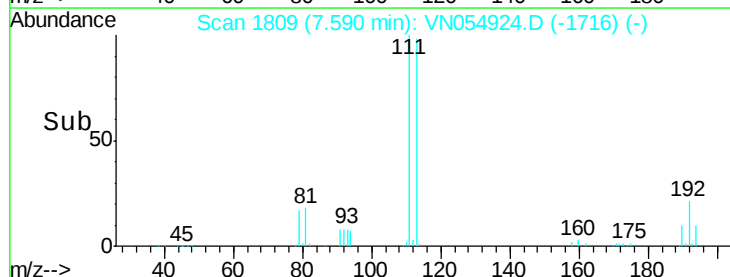
192 20.5 19.2 28.8

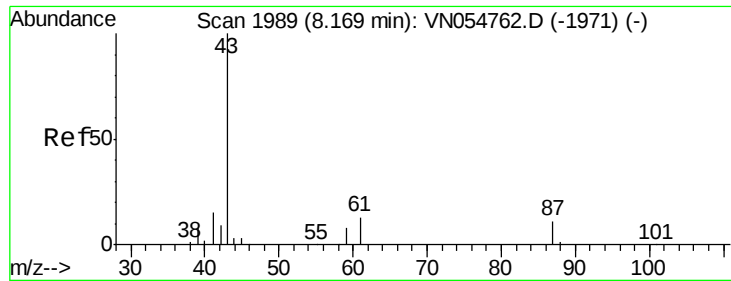


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.782 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

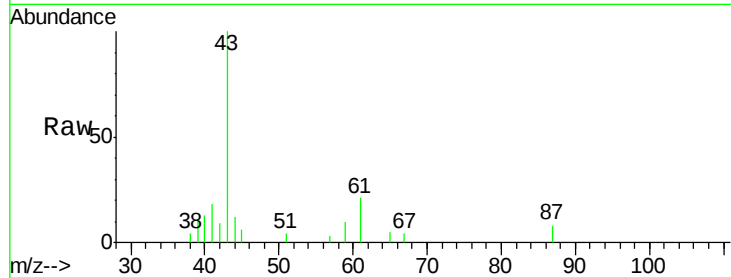
Tot Ion: 43 Resp: 16564

Ion Ratio Lower Upper

43 100

61 19.6 15.8 23.8

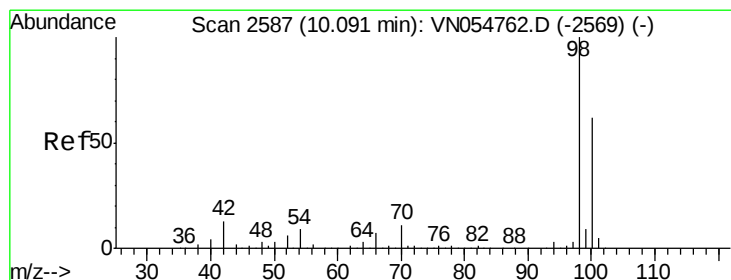
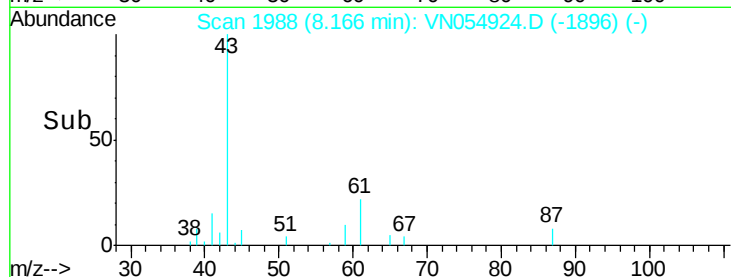
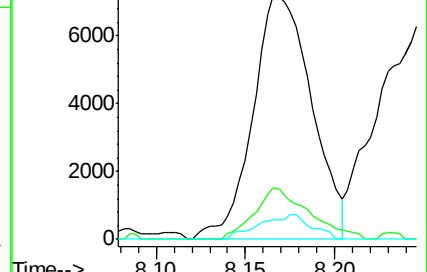
87 8.9 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054762.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054762.D (-1971) (-)



#50

Toluene-d8

Concen: 48.446 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054924.D

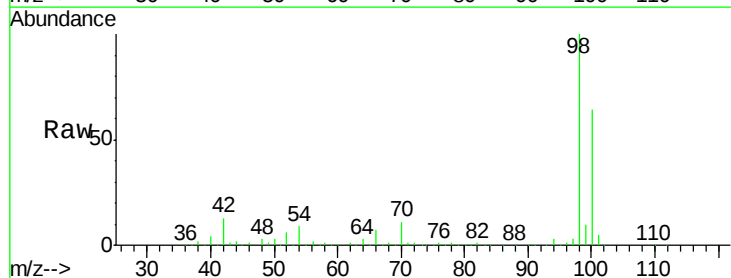
Acq: 3 Apr 2019 14:15

Tgt Ion: 98 Resp: 1005139

Ion Ratio Lower Upper

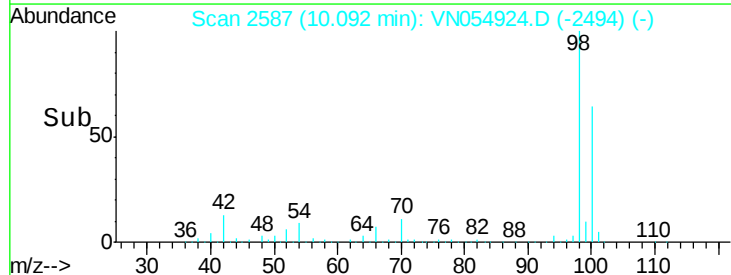
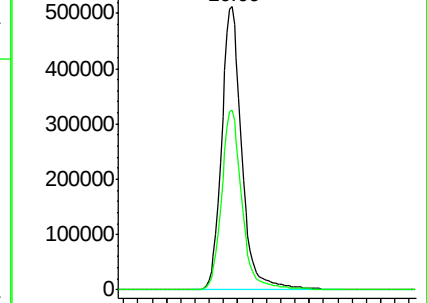
98 100

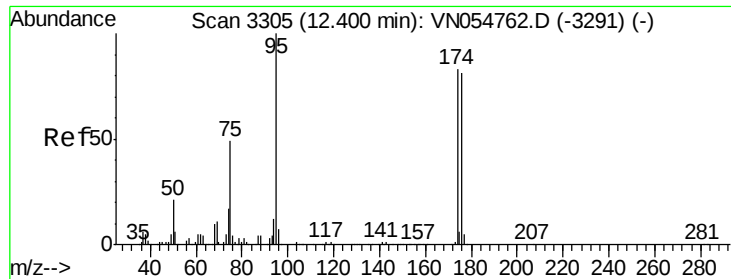
100 64.1 51.2 76.8



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

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





#62

4-Bromofluorobenzene

Concen: 46.586 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

TP-2-S

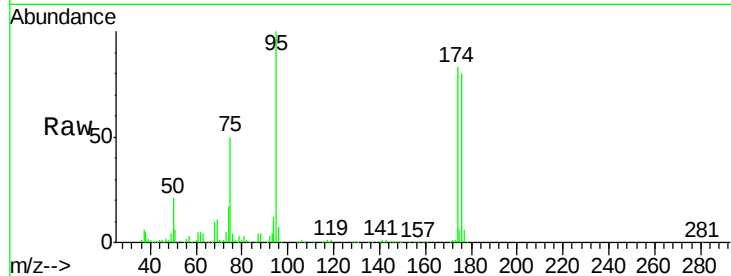
Tot Ion: 95 Resp: 321451

Ion Ratio Lower Upper

95 100

174 84.5 0.0 191.0

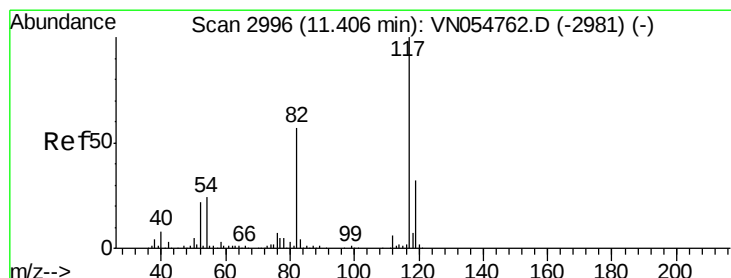
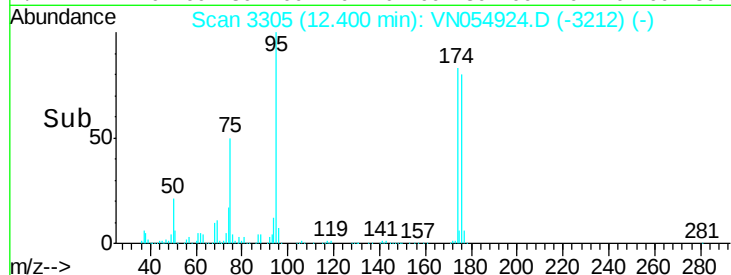
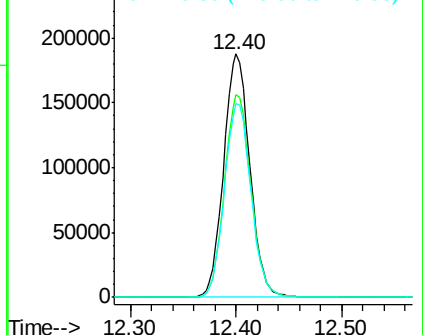
176 81.1 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054924.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN054924.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN054924.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

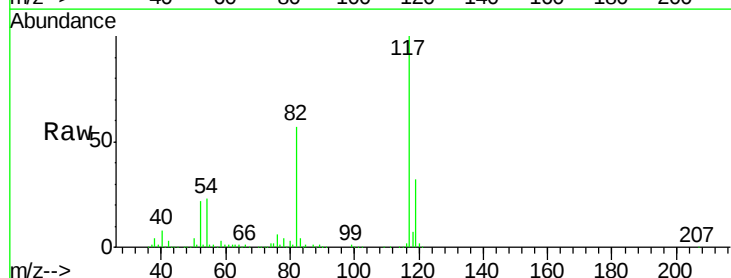
Tgt Ion: 117 Resp: 727856

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

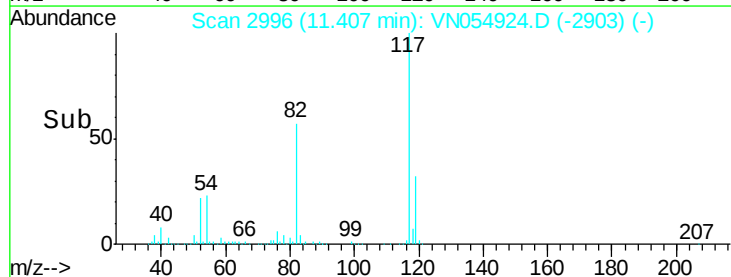
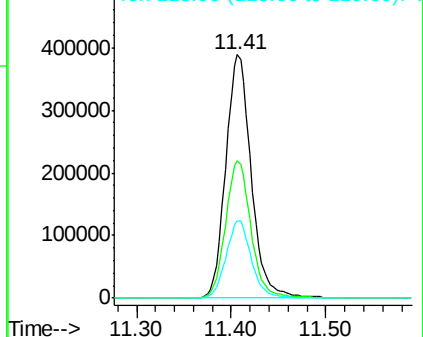
119 31.9 25.8 38.6

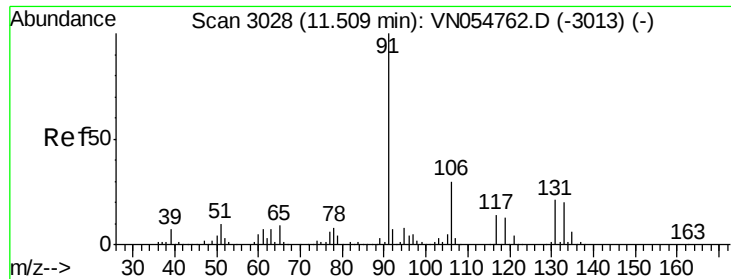


Abundance Ion 116.90 (116.60 to 117.60): VN054924.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054924.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054924.D (-2903) (-)

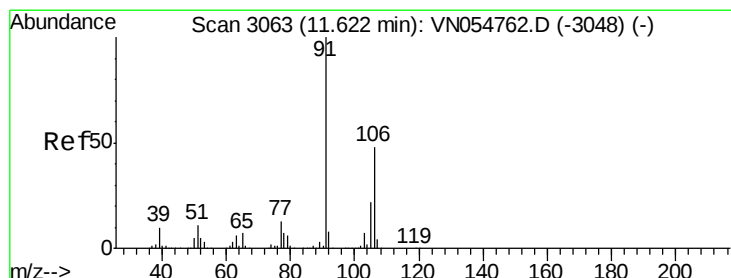
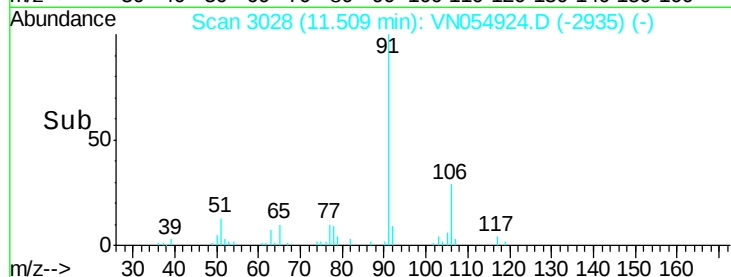
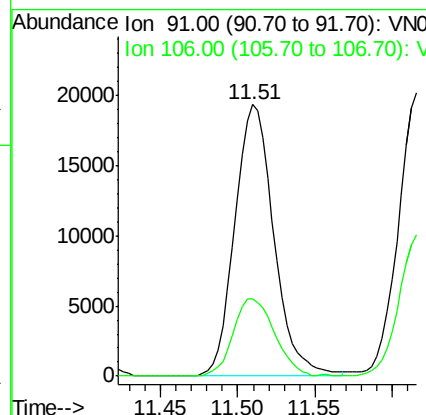
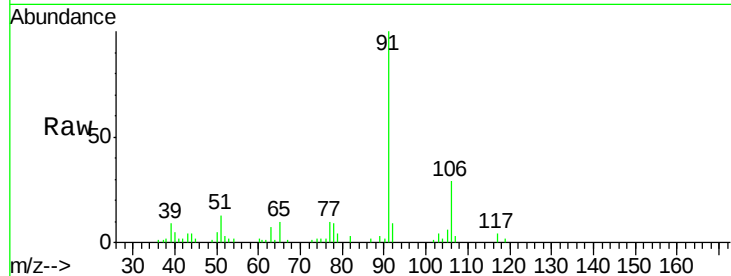




#67
Ethyl Benzene
Concen: 1.320 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

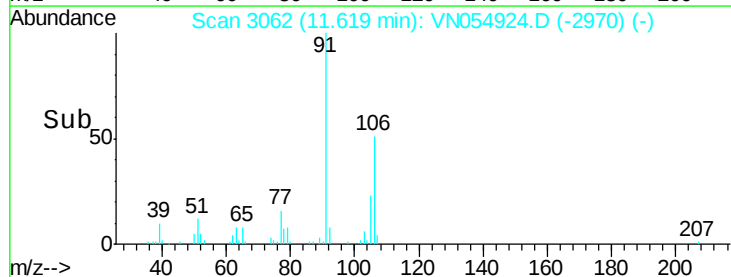
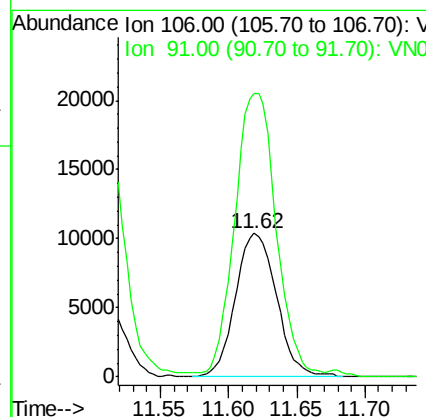
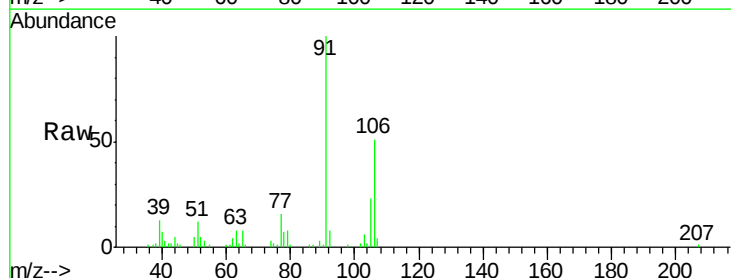
Instrument :
MSVOA_N
ClientSampled :
TP-2-S

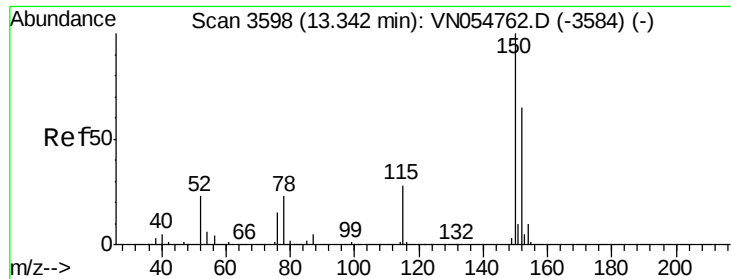
Tot Ion: 91 Resp: 33938
Ion Ratio Lower Upper
91 100
106 28.6 25.5 38.3



#68
m/p-Xylenes
Concen: 2.289 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054924.D
Acq: 3 Apr 2019 14:15

Tgt Ion: 106 Resp: 21787
Ion Ratio Lower Upper
106 100
91 192.8 159.4 239.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

ClientSampleId :

TP-2-S

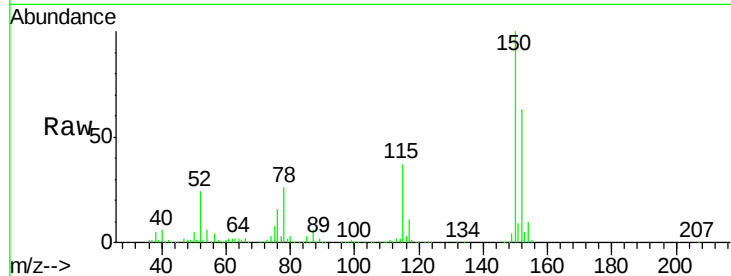
Tot Ion:152 Resp: 276053

Ion Ratio Lower Upper

152 100

115 59.0 27.2 81.6

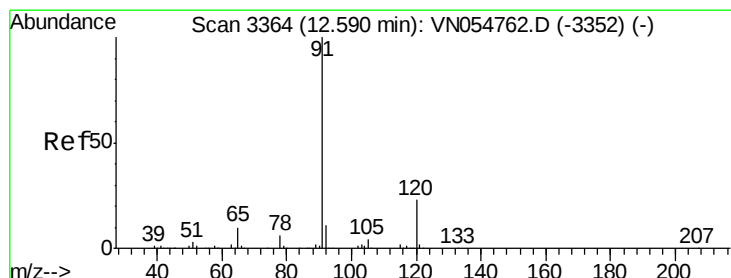
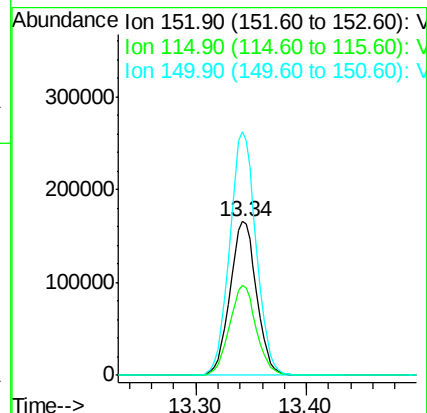
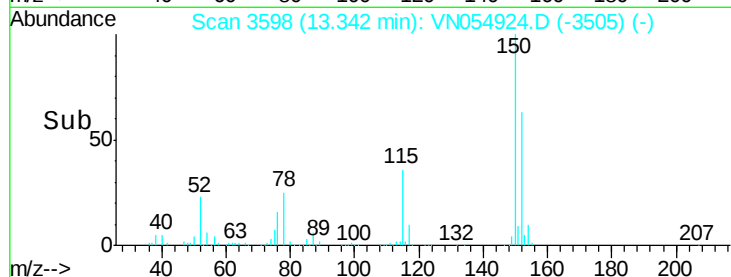
150 157.4 0.0 349.2



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



#78

n-propylbenzene

Concen: 1.487 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054924.D

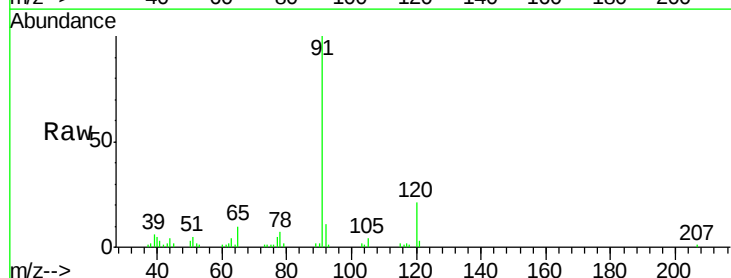
Acq: 3 Apr 2019 14:15

Tgt Ion: 91 Resp: 36868

Ion Ratio Lower Upper

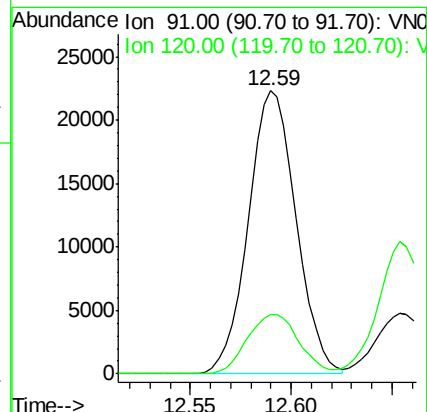
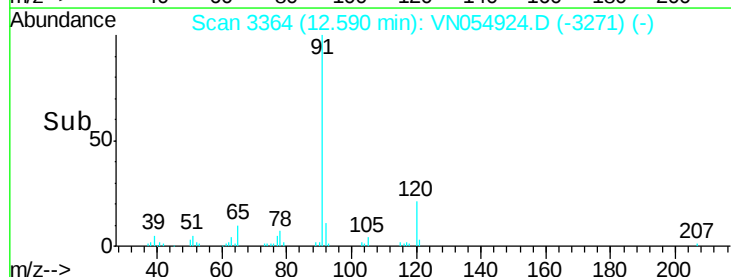
91 100

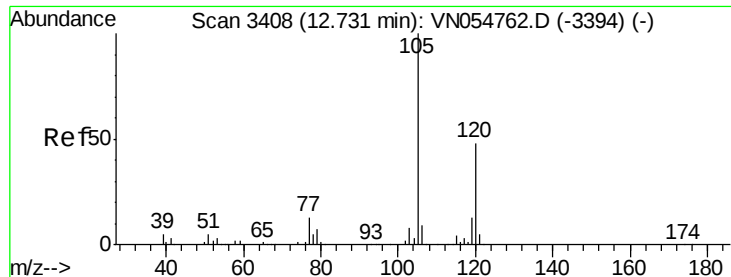
120 22.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 2.770 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Instrument :

MSVOA_N

ClientSampled :

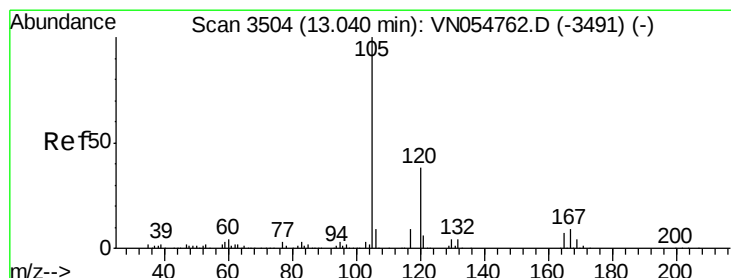
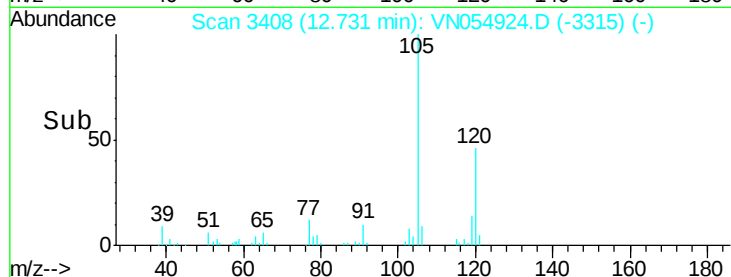
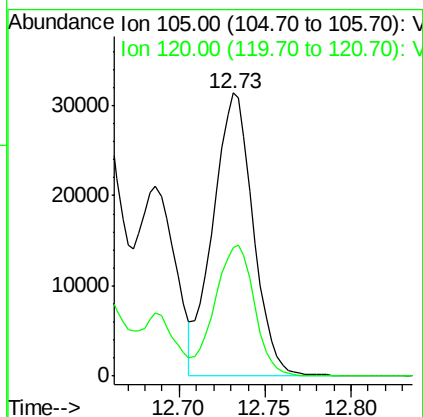
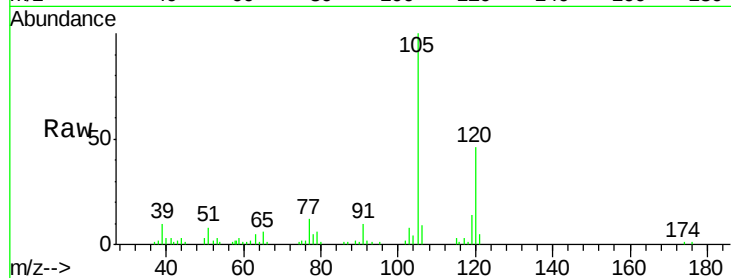
TP-2-S

Tot Ion:105 Resp: 51292

Ion Ratio Lower Upper

105 100

120 45.8 25.0 75.0



#84

1,2,4-Trimethylbenzene

Concen: 7.969 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054924.D

Acq: 3 Apr 2019 14:15

Tgt Ion:105 Resp: 140556

Ion Ratio Lower Upper

105 100

120 46.0 23.4 70.3

