

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054077.D
 Acq On : 4 Mar 2019 20:28
 Operator : JC/SP
 Sample : K1688-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

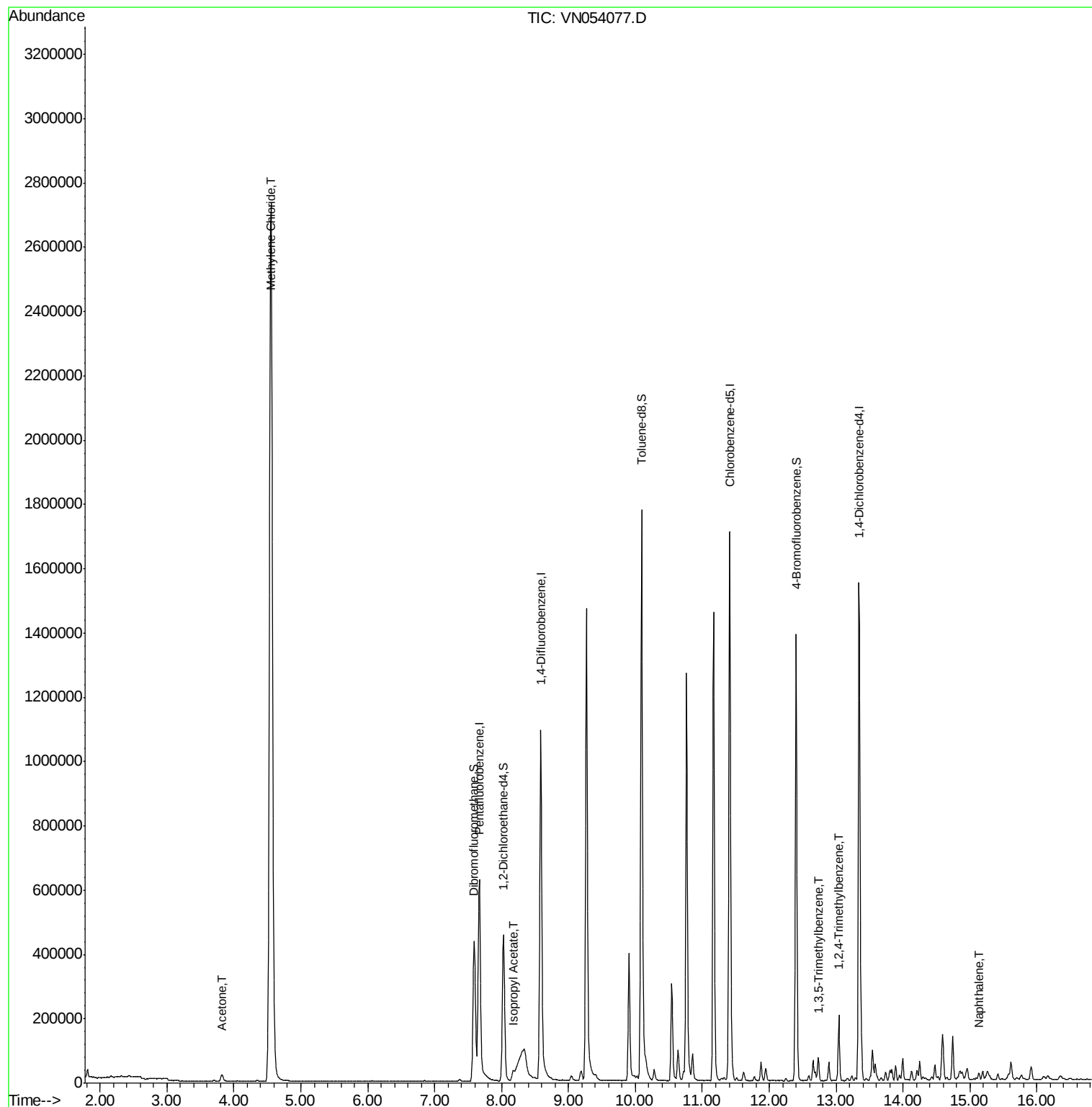
Quant Time: Mar 05 00:41:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

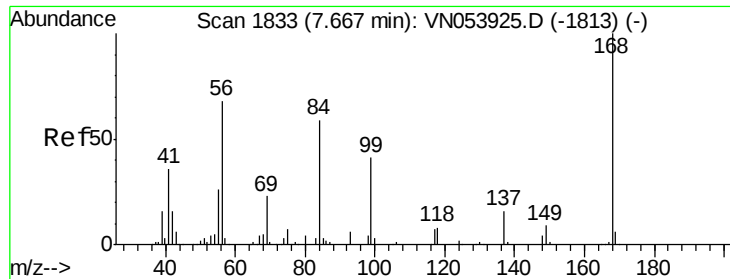
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	586364	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1075892	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1079286	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	425817	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	383489	55.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.58%	
35) Dibromofluoromethane	7.59	113	345799	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	10.09	98	1379695	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.40	95	475216	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
Target Compounds						
16) Acetone	3.82	43	36592	8.359	ug/l	88
20) Methylene Chloride	4.55	84	2101268	308.879	ug/l	89
43) Isopropyl Acetate	8.17	43	45393	3.763	ug/l #	82
80) 1,3,5-Trimethylbenzene	12.73	105	38560	1.421	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	113740	4.198	ug/l	98
95) Naphthalene	15.13	128	17886	4.205	ug/l	98

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

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Data File : VN054077.D
Acq On : 4 Mar 2019 20:28
Operator : JC/SP
Sample : K1688-16
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Mar 05 00:41:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 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: VN054077.D

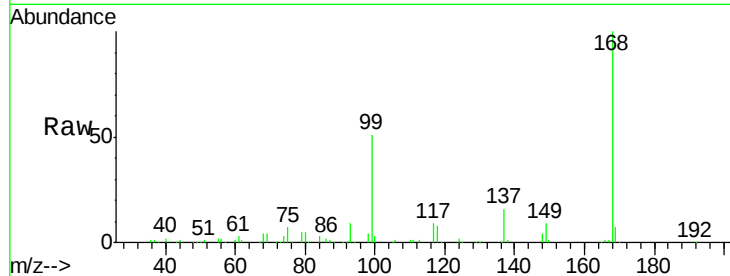
Acq: 4 Mar 2019 20:28

Tot Ion:168 Resp: 586364

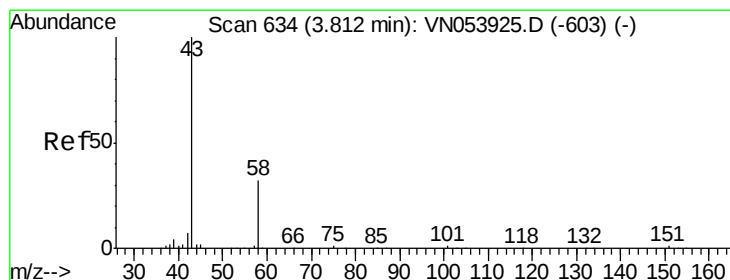
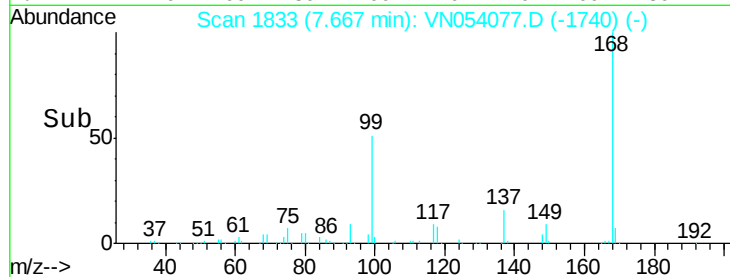
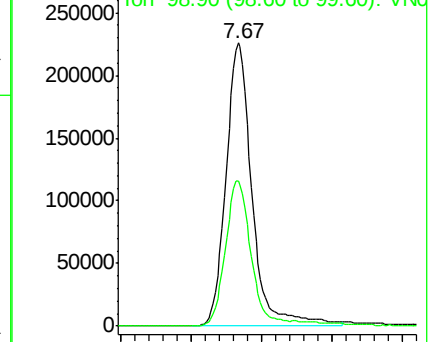
Ion Ratio Lower Upper

168 100

99 51.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN054077.D (-1740) (-)



#16

Acetone

Concen: 8.359 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN054077.D

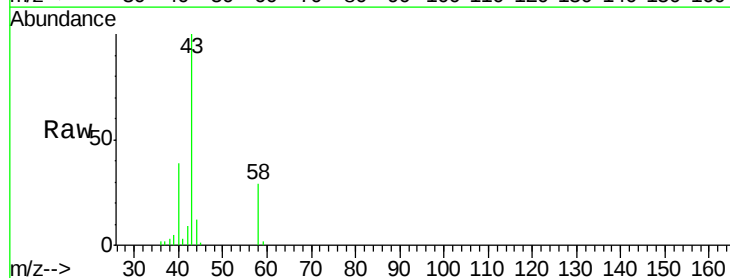
Acq: 4 Mar 2019 20:28

Tgt Ion: 43 Resp: 36592

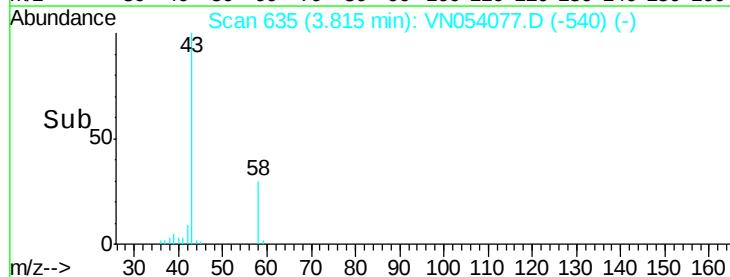
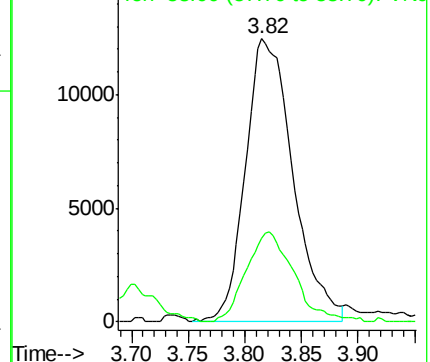
Ion Ratio Lower Upper

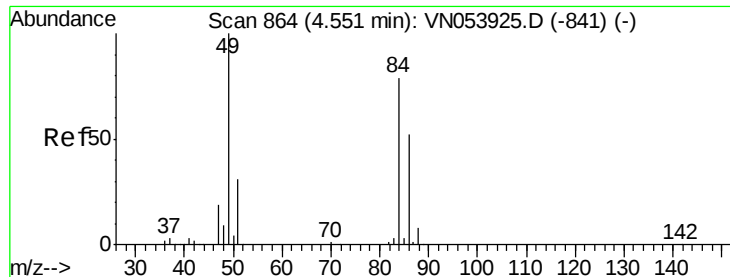
43 100

58 27.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN054077.D (-540) (-)

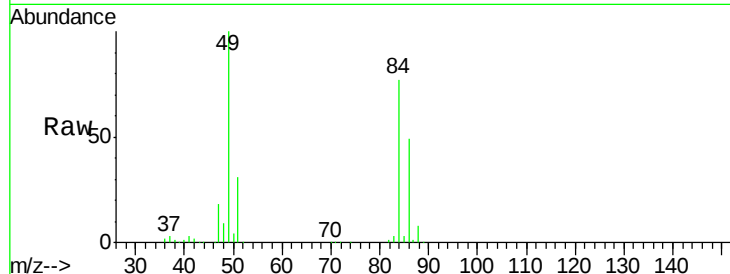




#20
Methvlene Chloride
Concen: 308.879 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN054077.D
Acq: 4 Mar 2019 20:28

Tot Ion: 84 Resp: 2101268

Ion	Ratio	Lower	Upper
84	100		
49	130.2	89.7	134.5
51	40.4	27.8	41.8
86	64.4	51.3	76.9

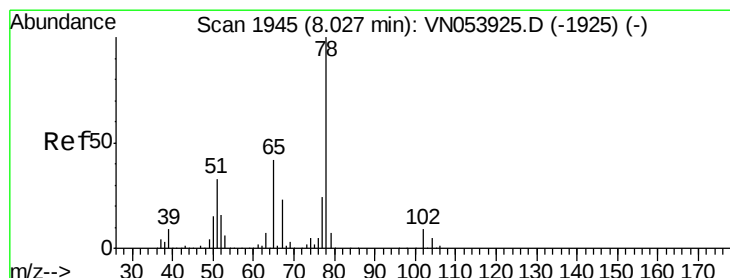
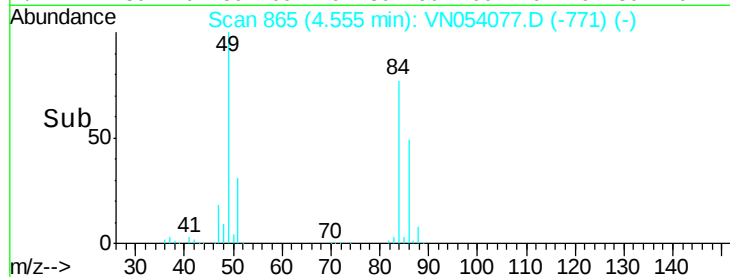
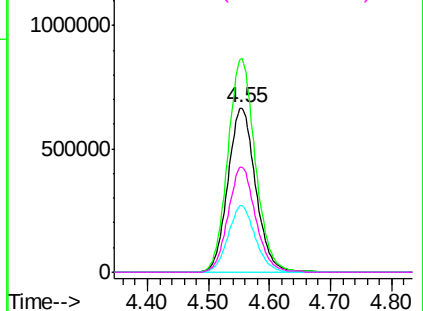


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

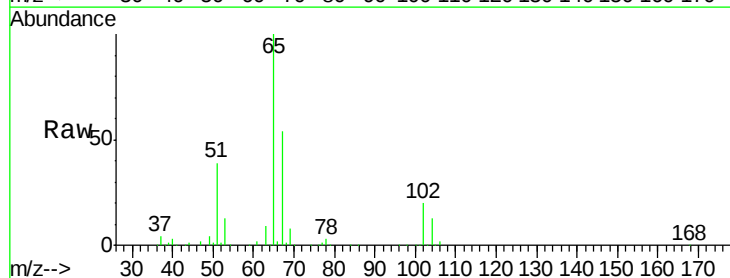
Ion 85.90 (85.60 to 86.60): VNO



#33
1,2-Dichloroethane-d4
Concen: 55.792 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054077.D
Acq: 4 Mar 2019 20:28

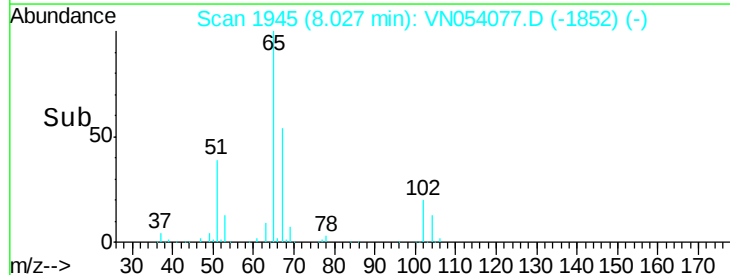
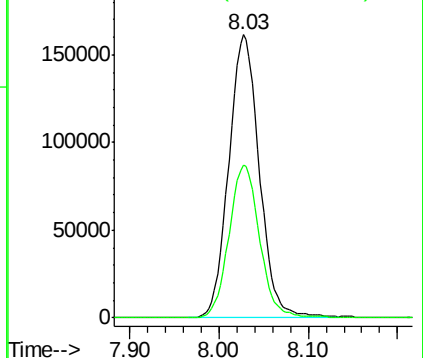
Tgt Ion: 65 Resp: 383489

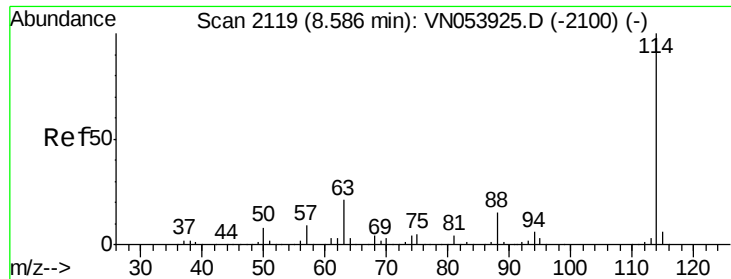
Ion	Ratio	Lower	Upper
65	100		
67	53.8	0.0	111.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054077.D

Acq: 4 Mar 2019 20:28

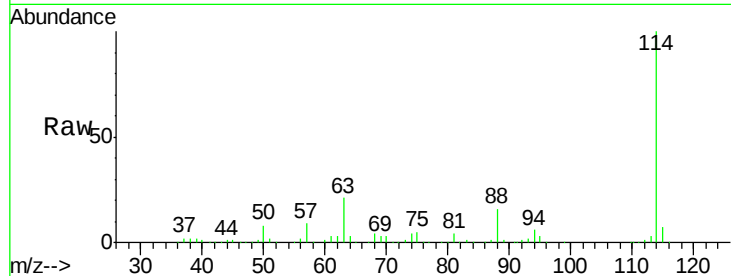
Tot Ion:114 Resp: 1075892

Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

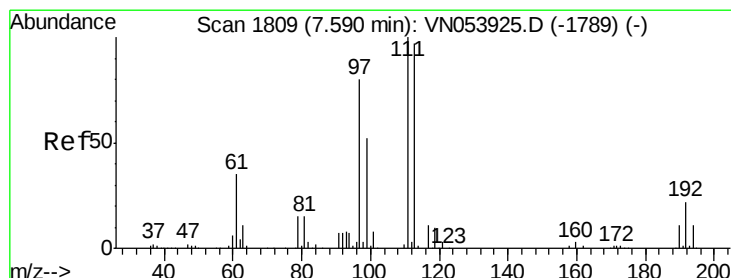
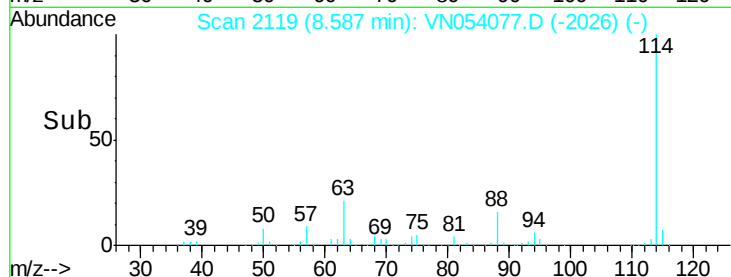
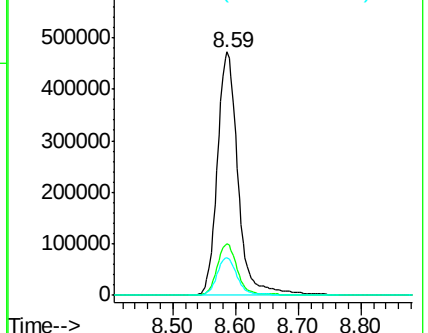
88 15.5 0.0 30.4



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: 49.703 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054077.D

Acq: 4 Mar 2019 20:28

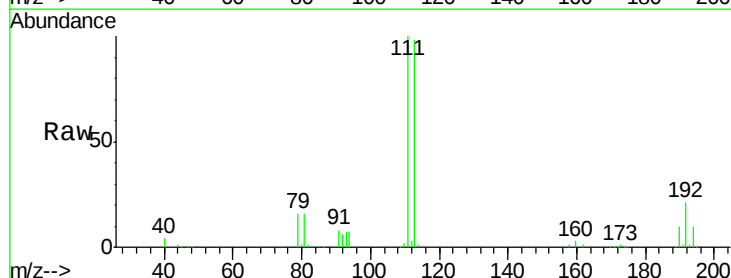
Tgt Ion:113 Resp: 345799

Ion Ratio Lower Upper

113 100

111 102.7 81.1 121.7

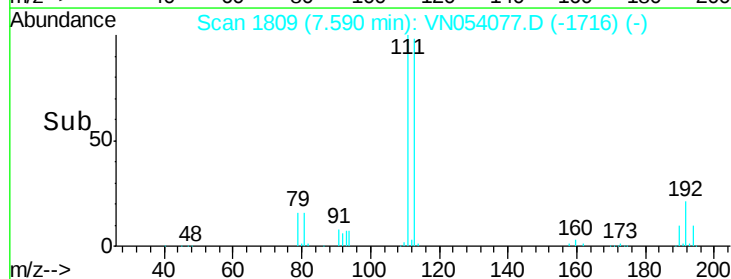
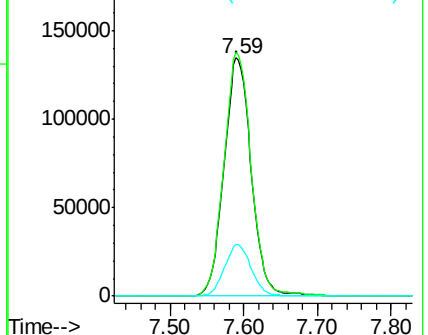
192 21.3 18.8 28.2

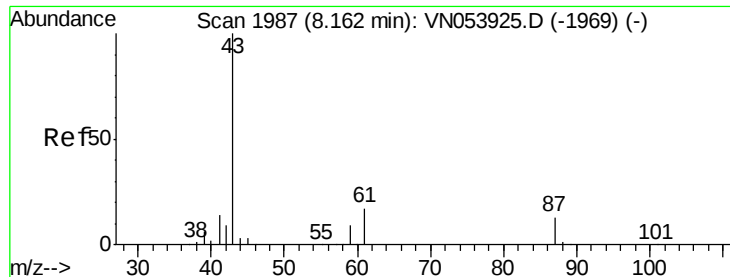


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.763 ug/l

RT: 8.17 min Scan# 1990

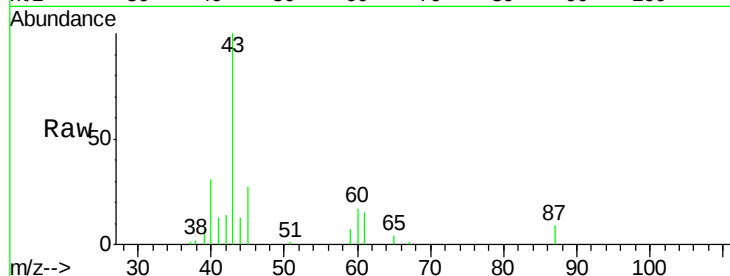
Delta R.T. 0.01 min

Lab File: VN054077.D

Acq: 4 Mar 2019 20:28

Tot Ion: 43 Resp: 45393

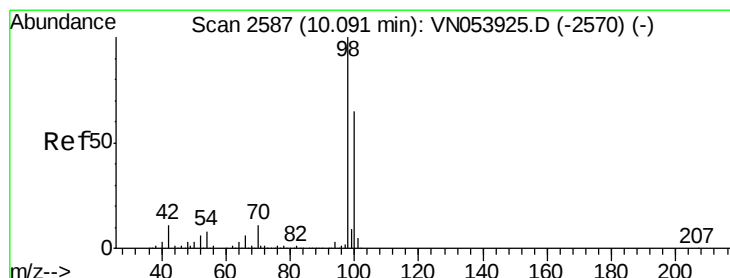
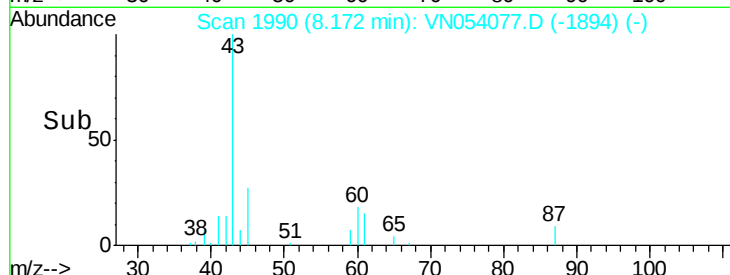
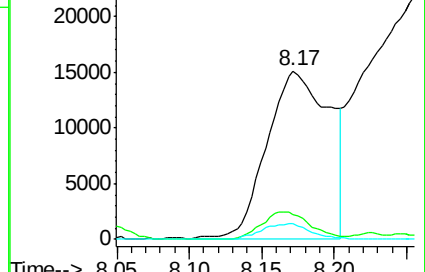
Ion	Ratio	Lower	Upper
43	100		
61	12.8	17.4	26.0#
87	7.1	11.5	17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053925.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053925.D (-1969) (-)



#50

Toluene-d8

Concen: 53.272 ug/l

RT: 10.09 min Scan# 2587

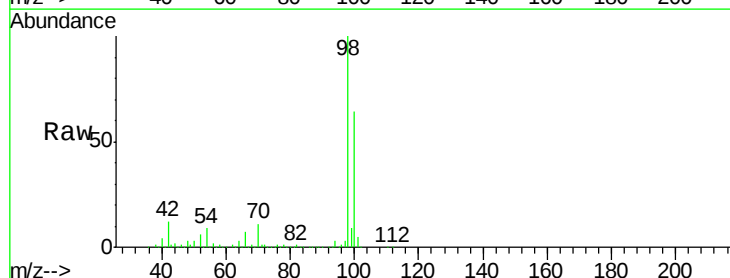
Delta R.T. 0.00 min

Lab File: VN054077.D

Acq: 4 Mar 2019 20:28

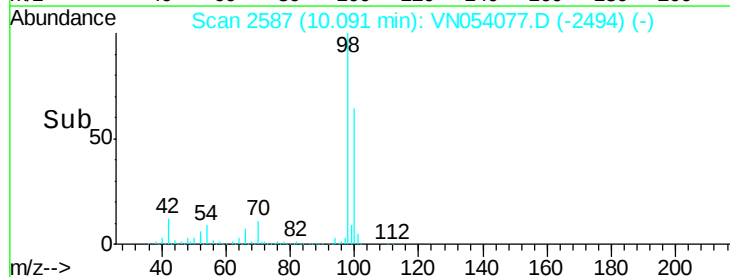
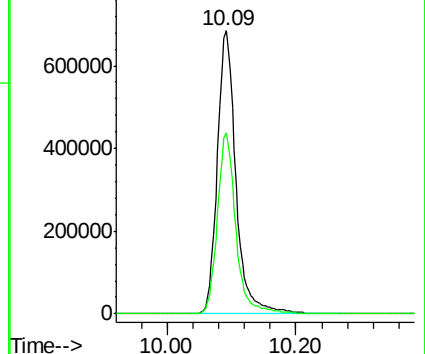
Tgt Ion: 98 Resp: 1379695

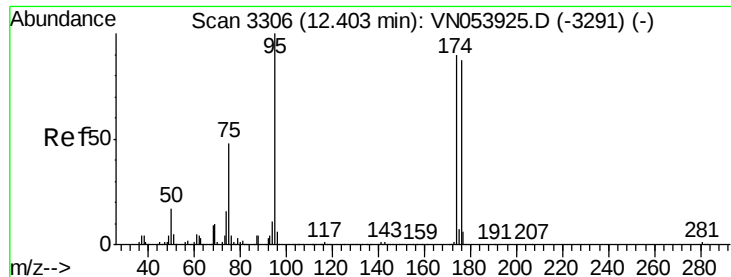
Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053925.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 55.073 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054077.D

Acq: 4 Mar 2019 20:28

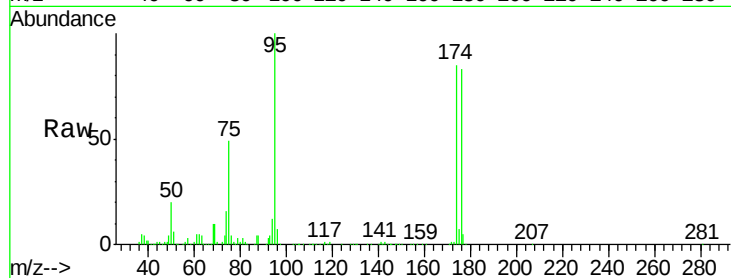
Tot Ion: 95 Resp: 475216

Ion Ratio Lower Upper

95 100

174 86.5 0.0 188.8

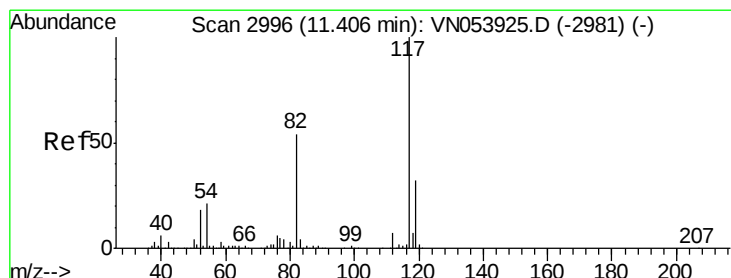
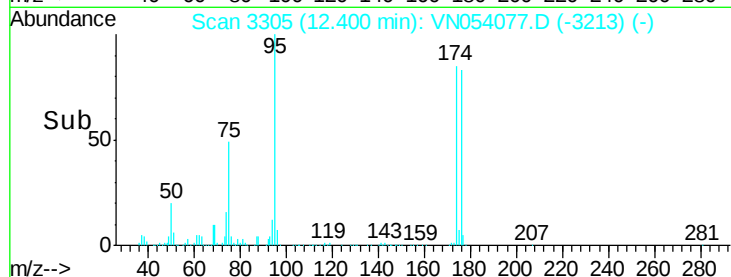
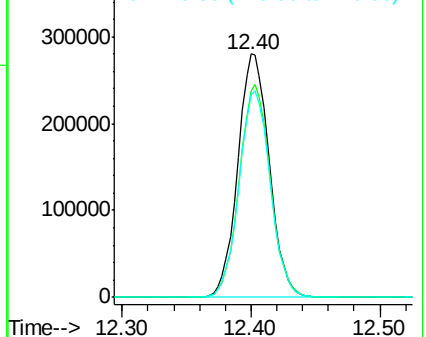
176 84.6 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN054077.D

Acq: 4 Mar 2019 20:28

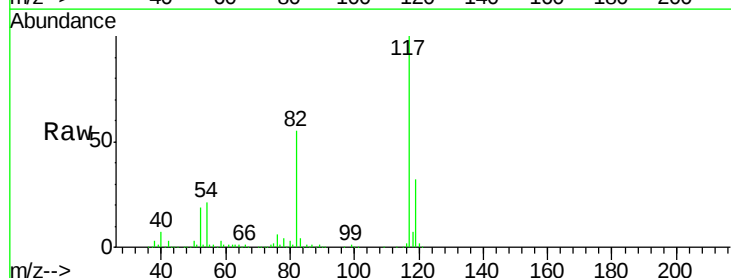
Tgt Ion: 117 Resp: 1079286

Ion Ratio Lower Upper

117 100

82 55.4 41.4 62.2

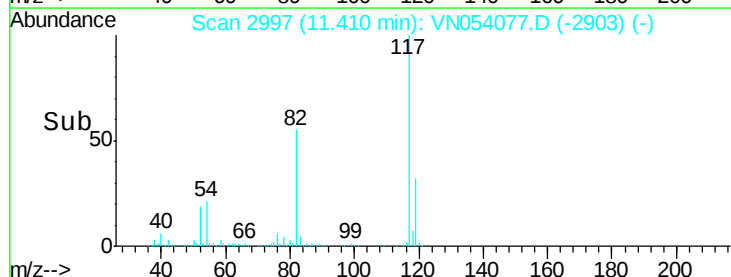
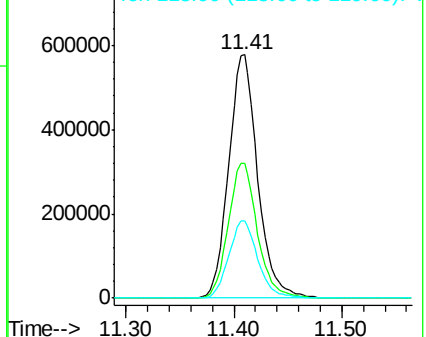
119 31.9 25.3 37.9

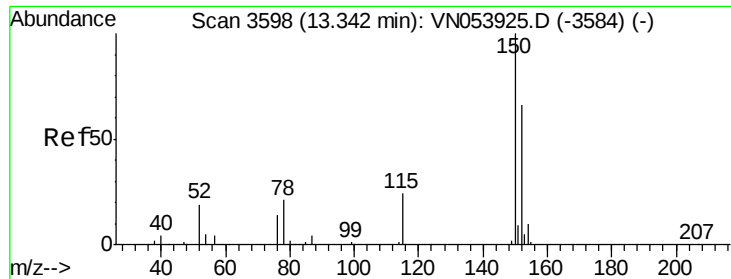


Abundance Ion 116.90 (116.60 to 117.60): VN053925.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053925.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053925.D (-2981) (-)

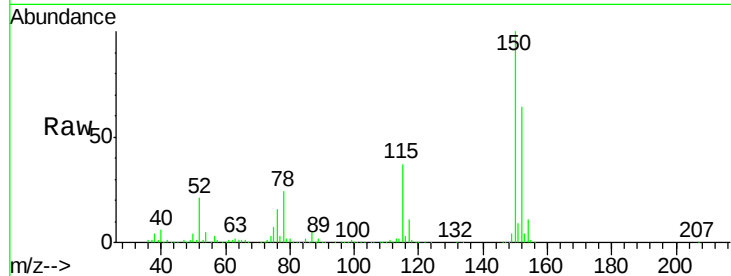




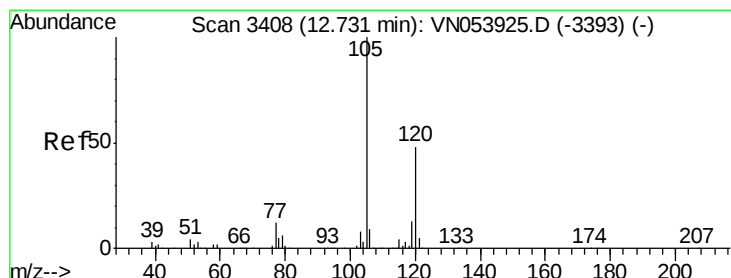
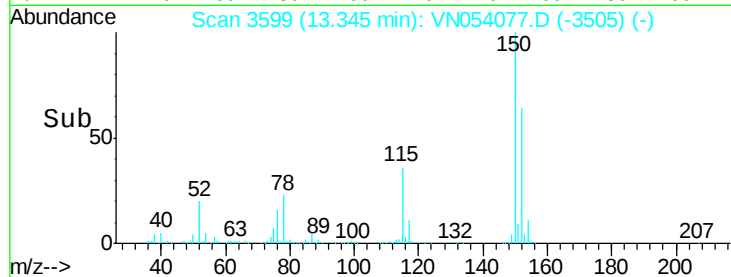
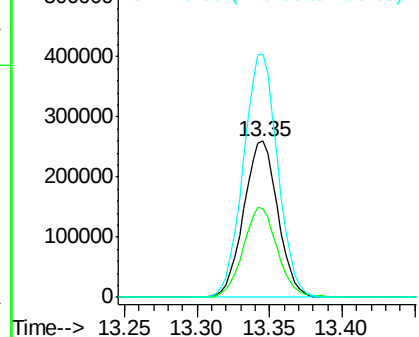
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054077.D
Acq: 4 Mar 2019 20:28

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.9	27.2	81.6
150	156.4	0.0	348.2



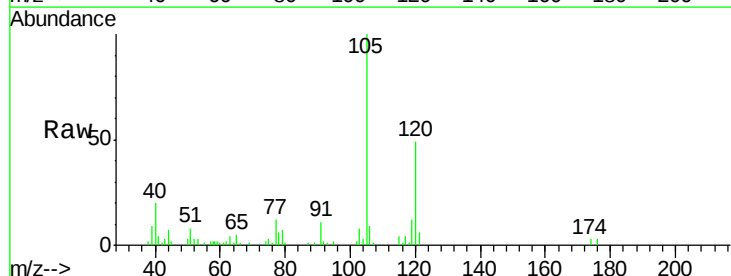
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



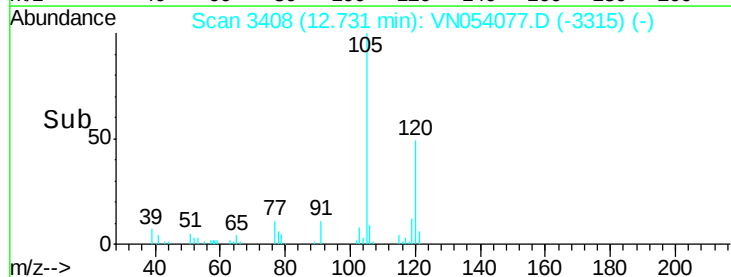
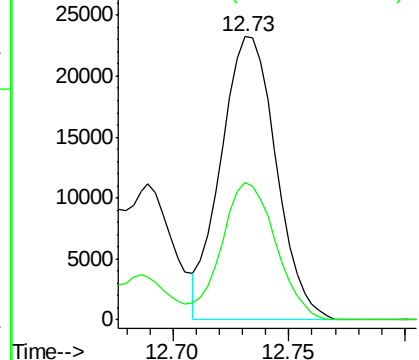
#80

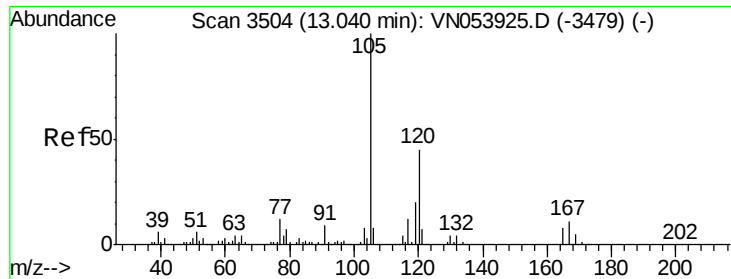
1,3,5-Trimethylbenzene
Concen: 1.421 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN054077.D
Acq: 4 Mar 2019 20:28

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	25.1	75.2



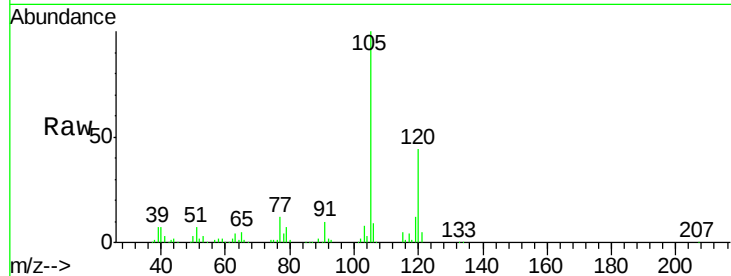
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



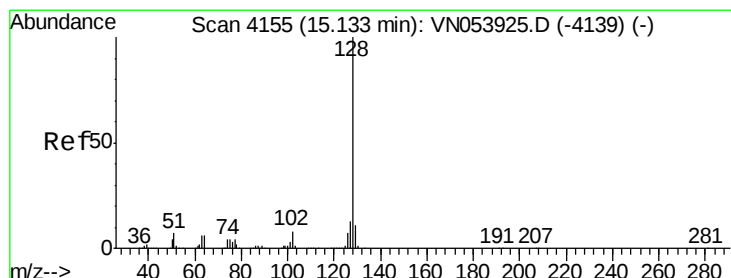
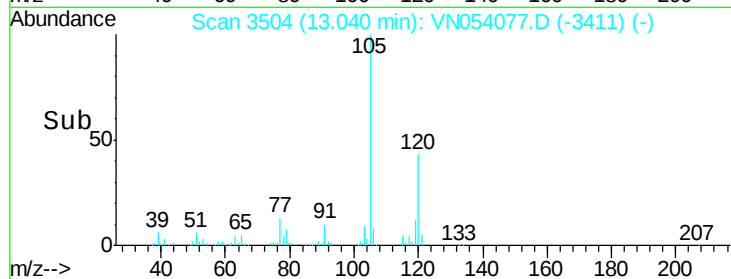
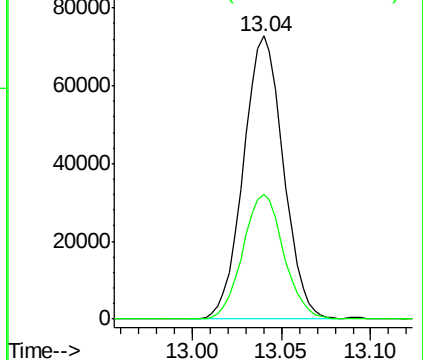


#84
1,2,4-Trimethylbenzene
Concen: 4.198 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054077.D
Acq: 4 Mar 2019 20:28

Tot Ion:105 Resp: 113740
Ion Ratio Lower Upper
105 100
120 45.1 23.2 69.5

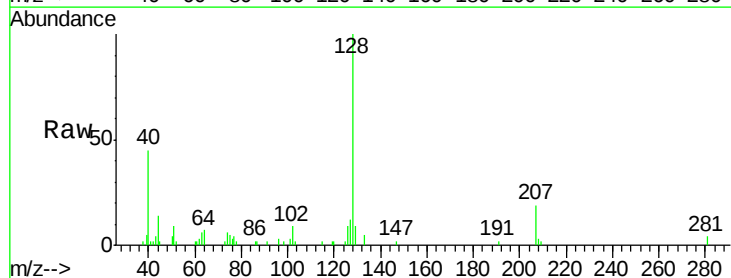


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



#95
Naphthalene
Concen: 4.205 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054077.D
Acq: 4 Mar 2019 20:28

Tgt Ion:128 Resp: 17886
Ion Ratio Lower Upper
128 100
127 12.3 10.2 15.2
129 11.8 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

