

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053372.D
 Acq On : 11 Jan 2019 18:00
 Operator : JC/SP
 Sample : K1119-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

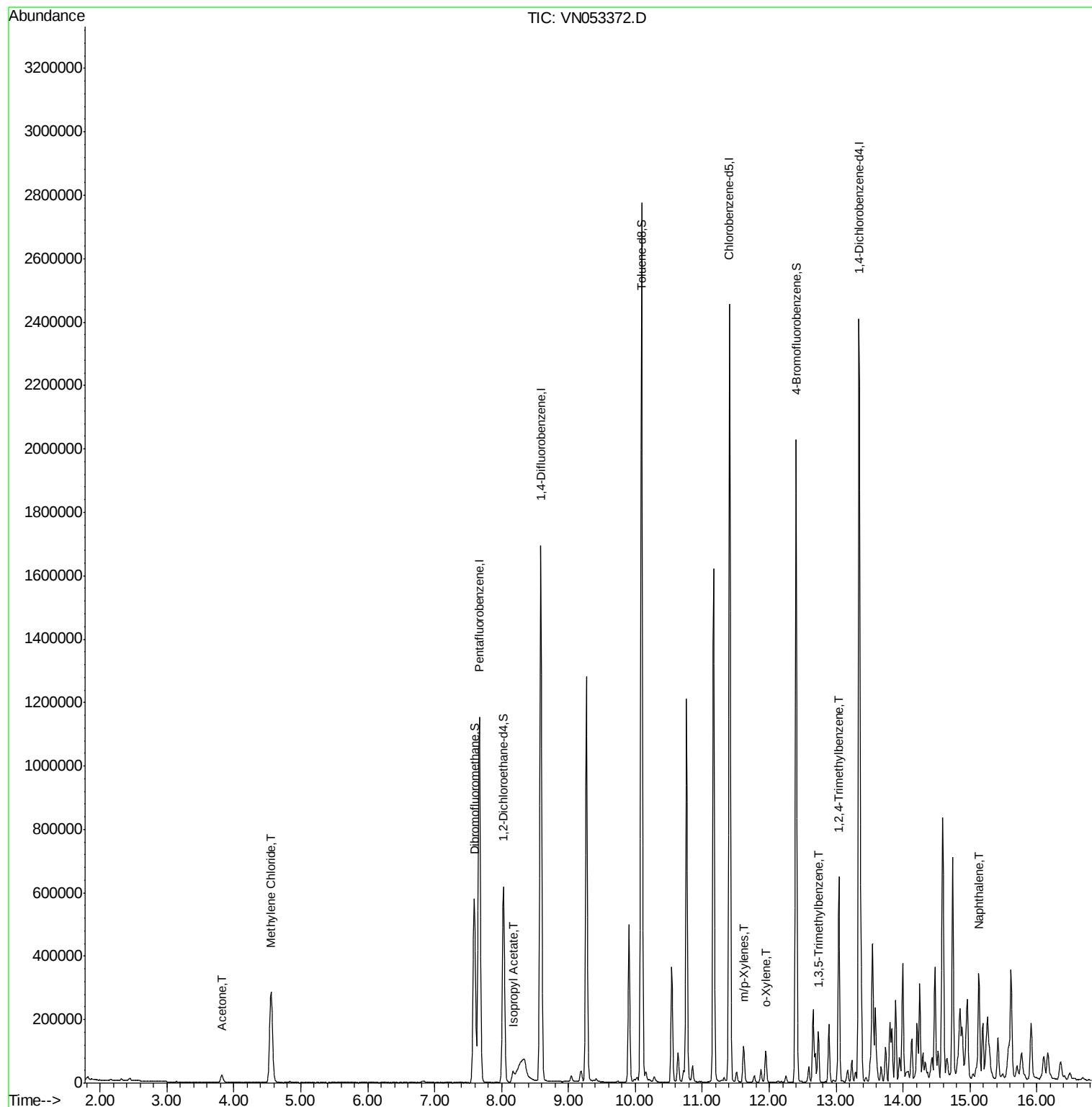
Quant Time: Jan 12 02:33:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

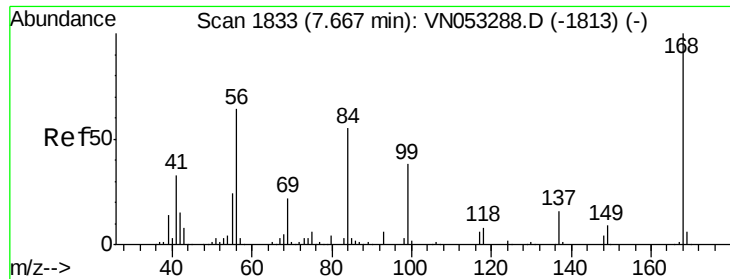
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1010269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1575399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1496290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	688078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	514331	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	7.59	113	451076	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	10.09	98	1970147	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	696329	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
Target Compounds						
16) Acetone	3.82	43	40308	13.823	ug/l	94
20) Methylene Chloride	4.55	84	224388	19.877	ug/l	97
43) Isopropyl Acetate	8.17	43	45438	2.411	ug/l #	78
68) m/p-Xylenes	11.62	106	37234	1.793	ug/l	98
69) o-Xylene	11.95	106	27694	1.362	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	88328	2.140	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	370545	8.814	ug/l	100
95) Naphthalene	15.13	128	289369	23.919	ug/l	100

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

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Quant Title : SW846 8260
QLast Update : Mon Jan 07 09:34:27 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: VN053372.D

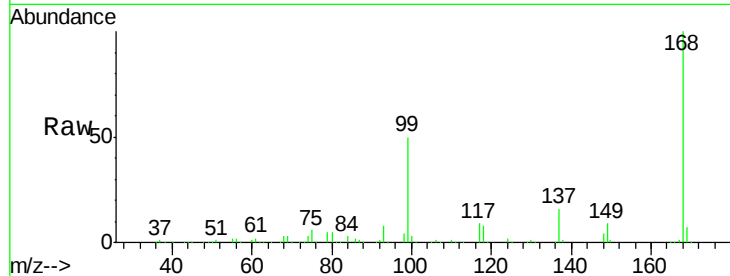
Acq: 11 Jan 2019 18:00

Tot Ion:168 Resp: 1010269

Ion Ratio Lower Upper

168 100

99 49.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

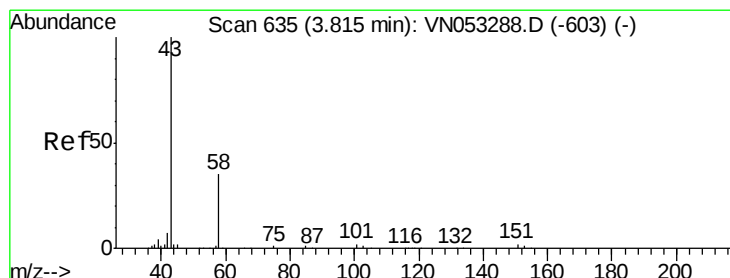
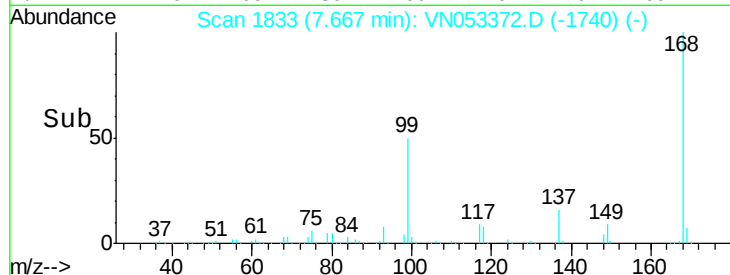
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 13.823 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053372.D

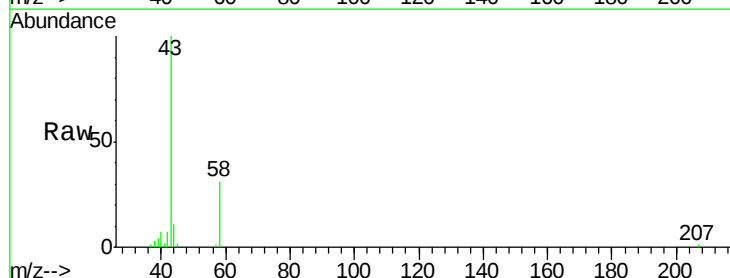
Acq: 11 Jan 2019 18:00

Tgt Ion: 43 Resp: 40308

Ion Ratio Lower Upper

43 100

58 31.1 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

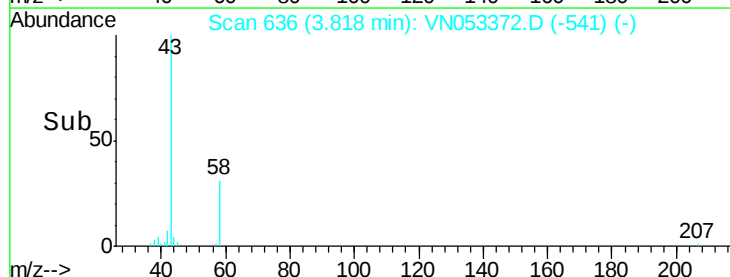
15000

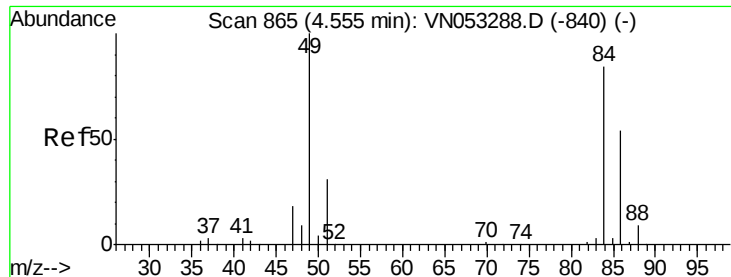
10000

5000

0

Time-->

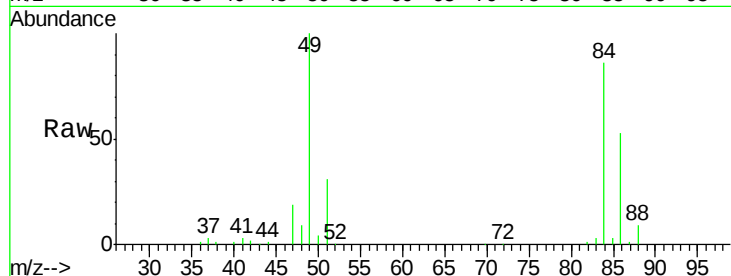




#20
Methvlene Chloride
Concen: 19.877 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tot Ion: 84 Resp: 224388

Ion	Ratio	Lower	Upper
84	100		
49	116.3	95.3	142.9
51	35.7	29.0	43.6
86	61.5	51.7	77.5

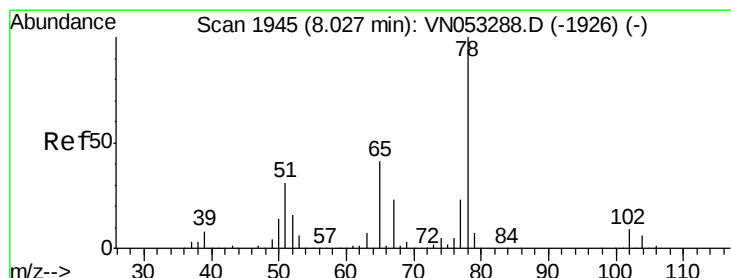
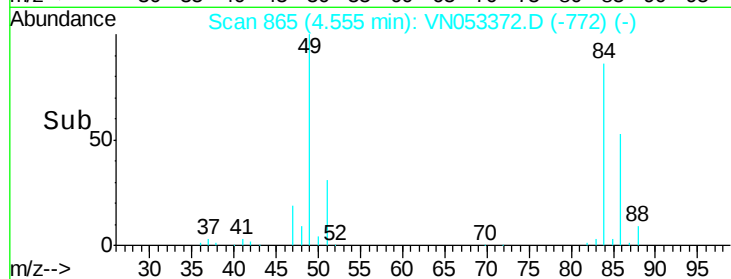
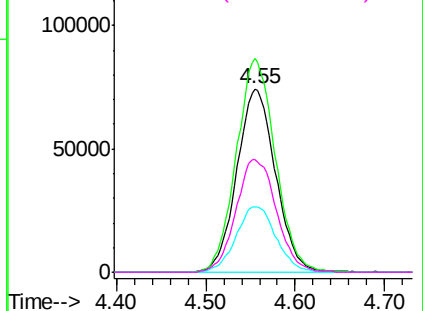


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

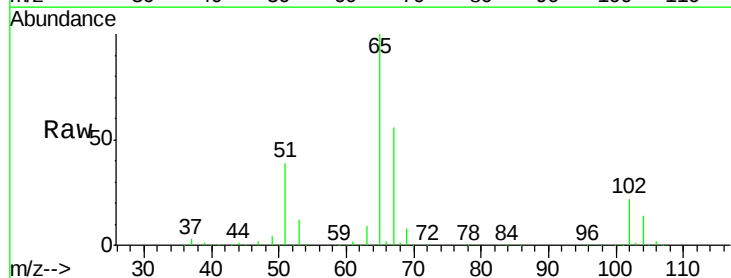
Ion 85.90 (85.60 to 86.60): VNC



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

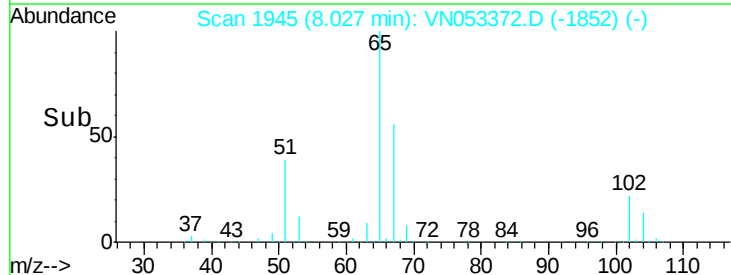
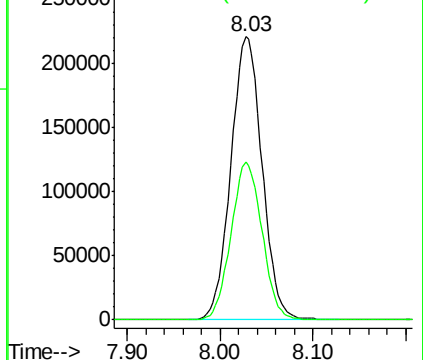
Tgt Ion: 65 Resp: 514331

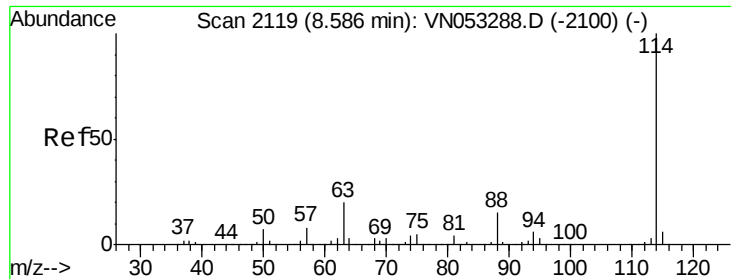
Ion	Ratio	Lower	Upper
65	100		
67	55.5	0.0	111.0



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

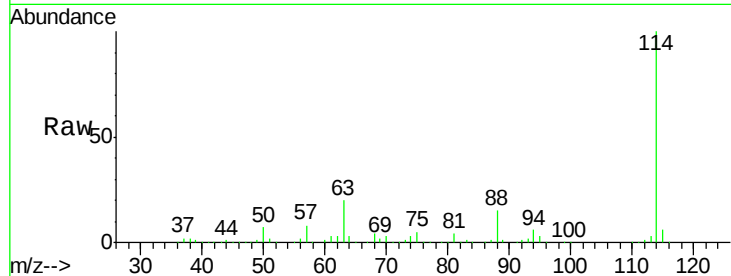




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tot Ion:114 Resp: 1575399

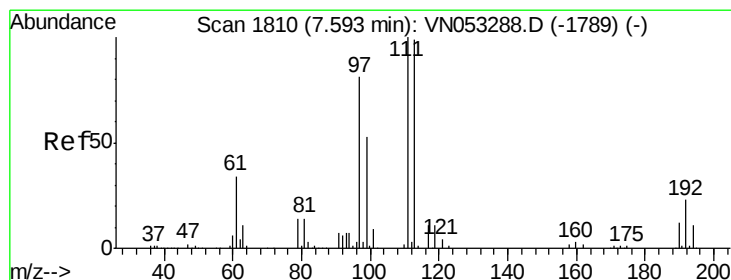
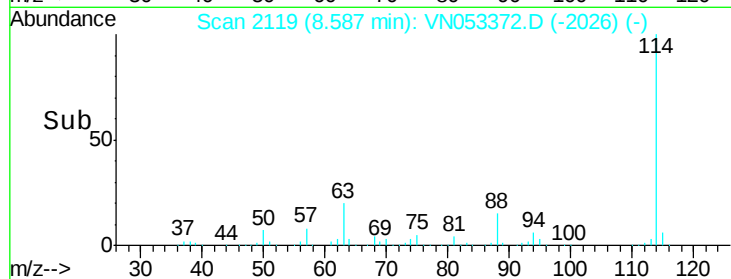
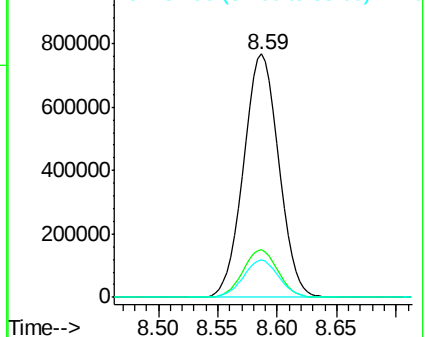
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.2	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

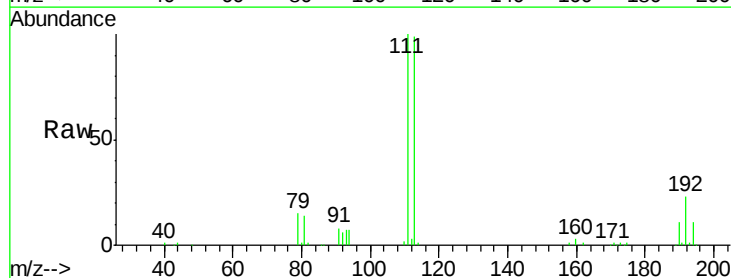
Ion 87.90 (87.60 to 88.60): V



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:113 Resp: 451076

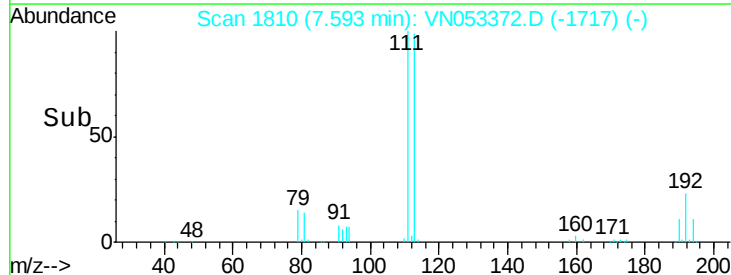
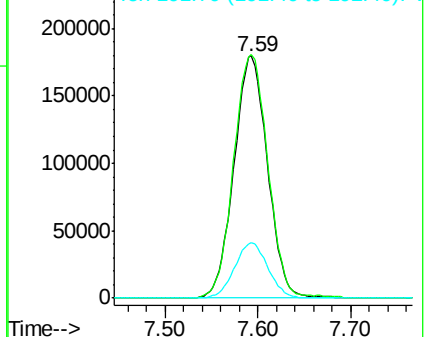
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.2
192	22.7	17.9	26.9

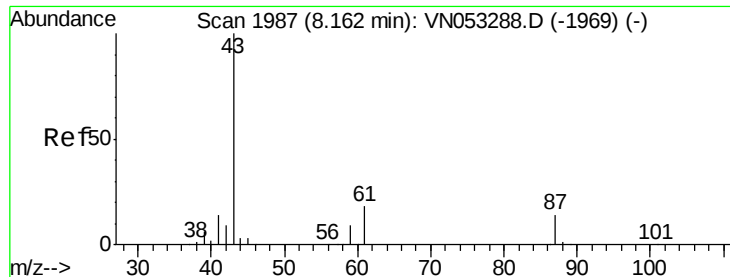


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

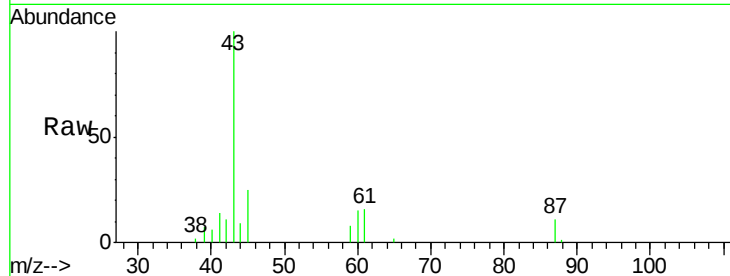




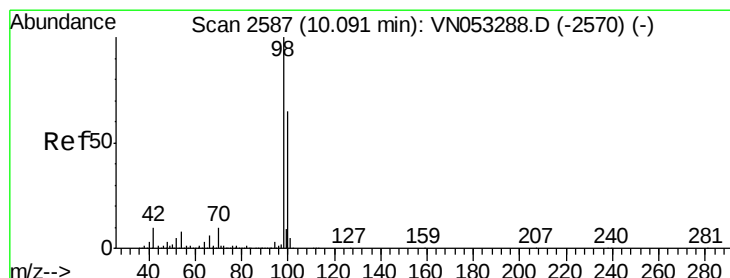
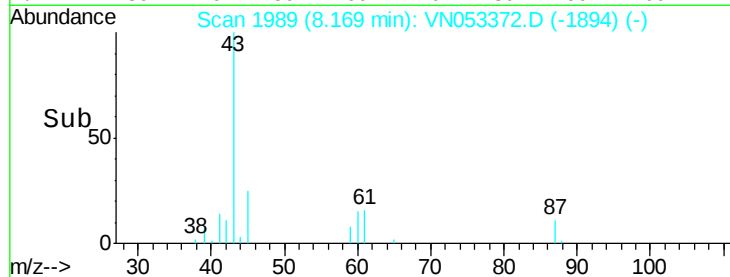
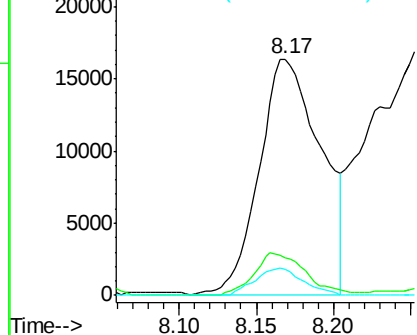
#43

Isopropyl Acetate
 Concen: 2.411 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	23.3	34.9#
87	8.9	10.8	16.2#



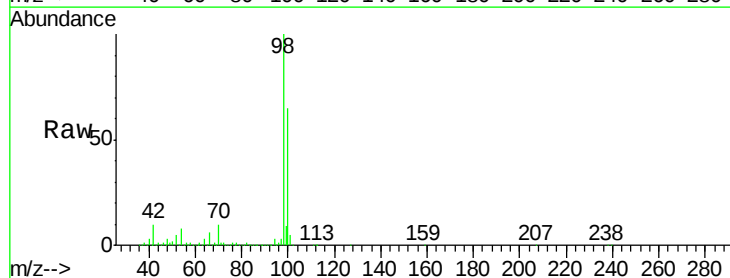
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



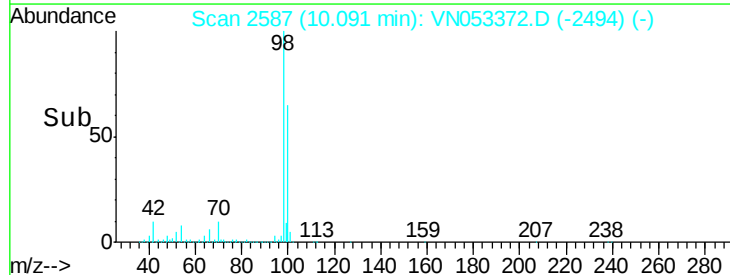
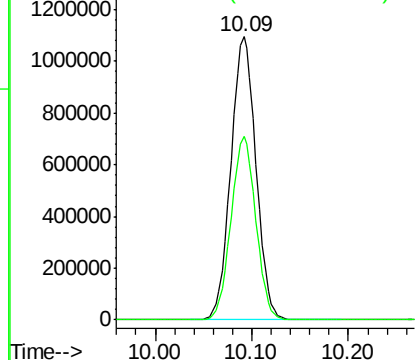
#50

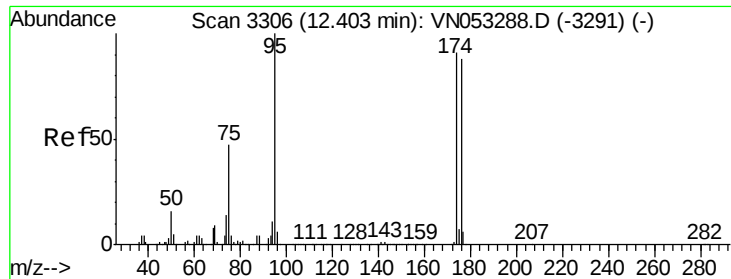
Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

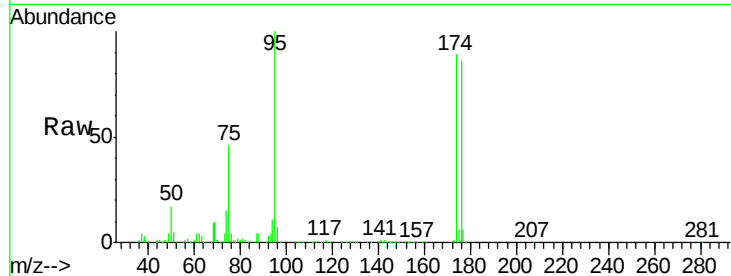
Tot Ion: 95 Resp: 696329

Ion Ratio Lower Upper

95 100

174 90.9 0.0 180.4

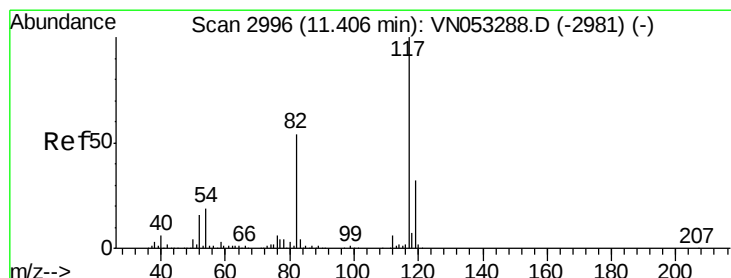
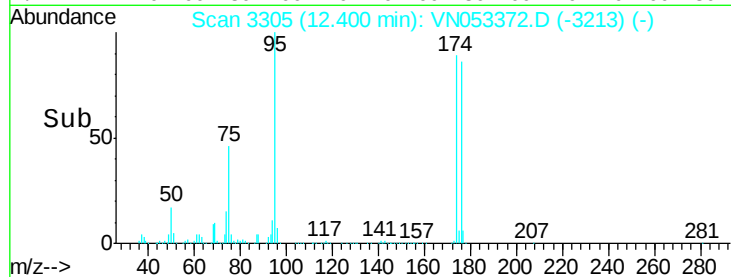
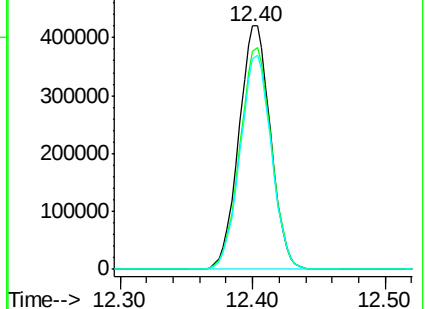
176 87.0 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053372.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN053372.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN053372.D (-3213) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

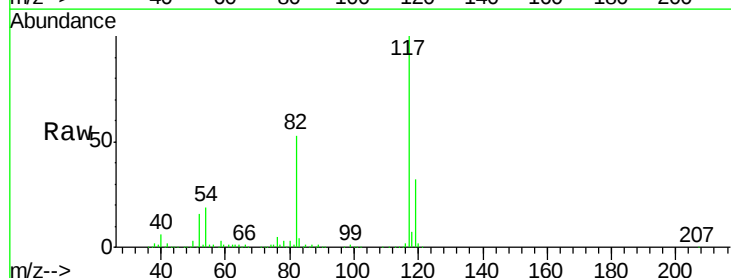
Tgt Ion: 117 Resp: 1496290

Ion Ratio Lower Upper

117 100

82 52.9 42.9 64.3

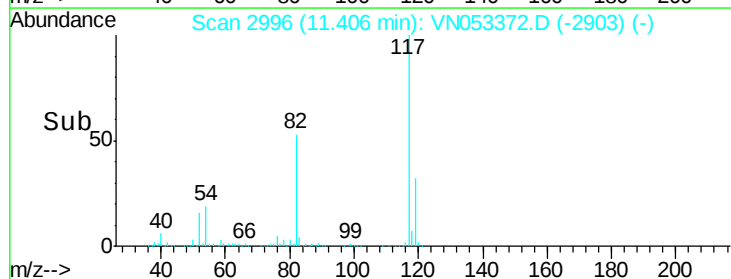
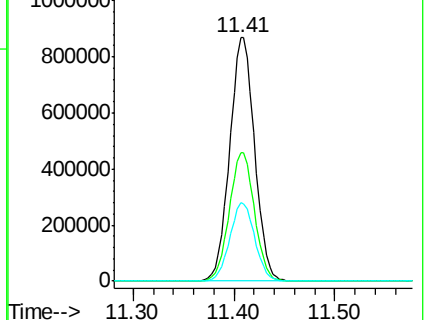
119 32.0 25.6 38.4

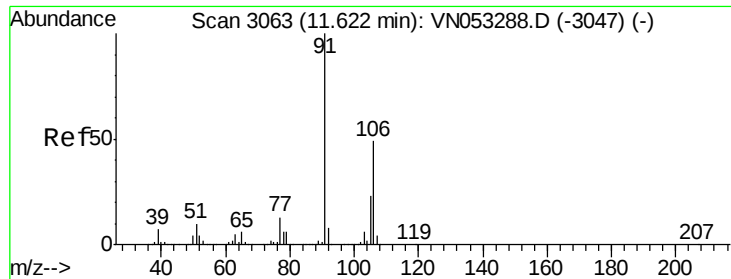


Abundance Ion 116.90 (116.60 to 117.60): VN053372.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053372.D (-2903) (-)

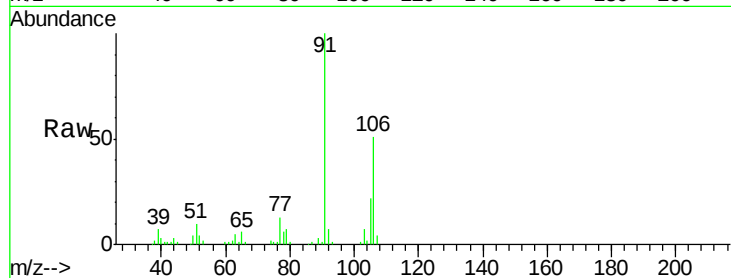
Ion 118.90 (118.60 to 119.60): VN053372.D (-2903) (-)



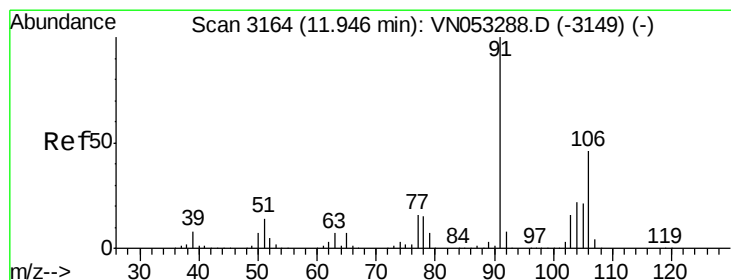
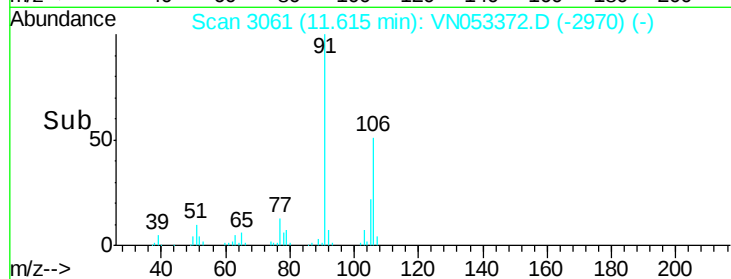
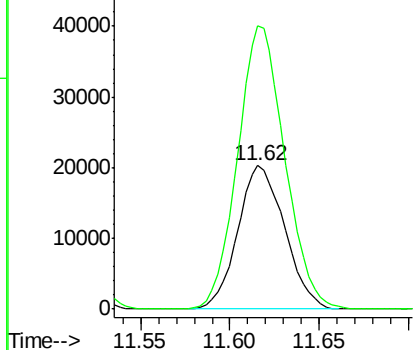


#68
m/p-Xvlenes
Concen: 1.793 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.01 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tot Ion:106 Resp: 37234
Ion Ratio Lower Upper
106 100
91 198.2 161.4 242.2

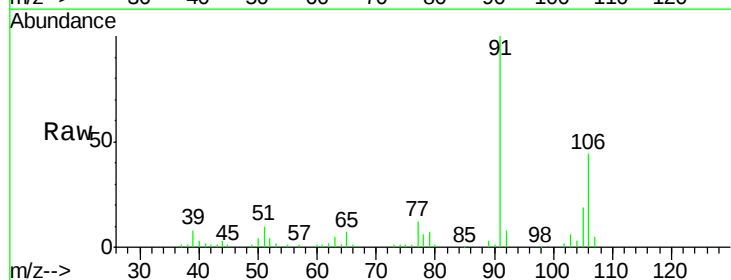


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

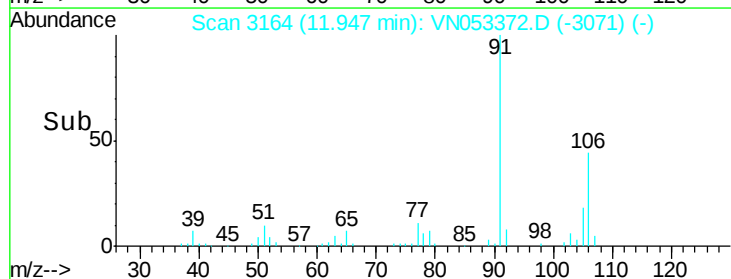
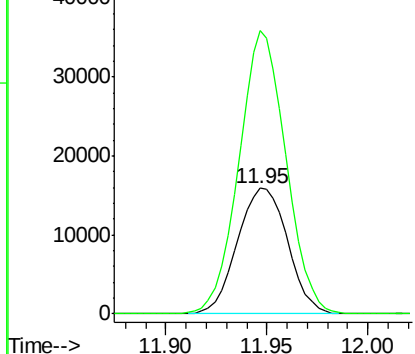


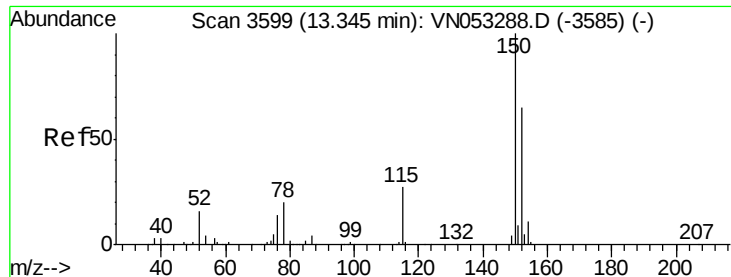
#69
o-Xylene
Concen: 1.362 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053372.D
Acq: 11 Jan 2019 18:00

Tgt Ion:106 Resp: 27694
Ion Ratio Lower Upper
106 100
91 210.4 106.8 320.4



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053372.D

Acq: 11 Jan 2019 18:00

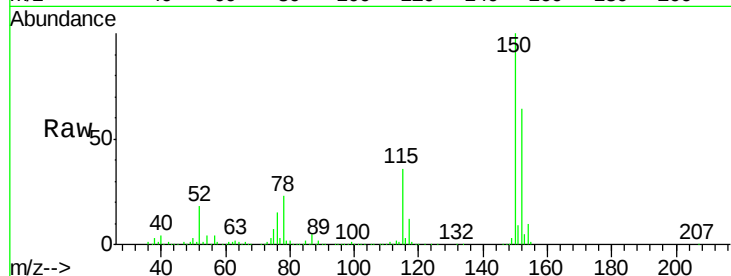
Tot Ion:152 Resp: 688078

Ion Ratio Lower Upper

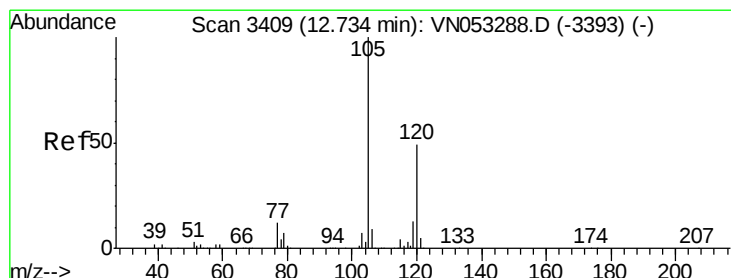
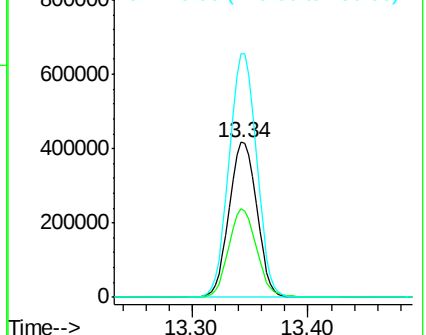
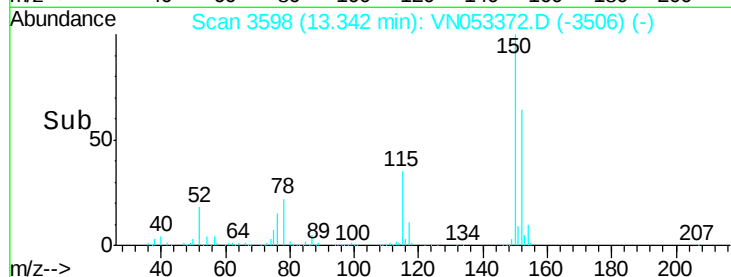
152 100

115 57.4 28.0 84.0

150 156.2 0.0 346.6



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: 2.140 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053372.D

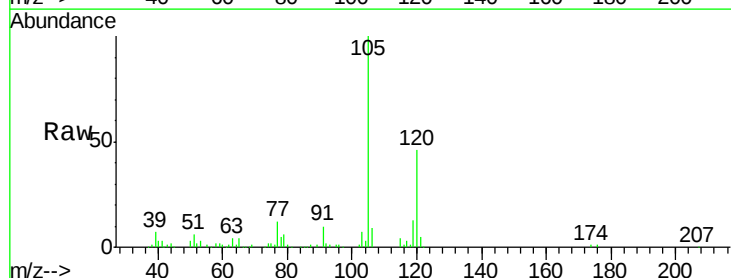
Acq: 11 Jan 2019 18:00

Tgt Ion:105 Resp: 88328

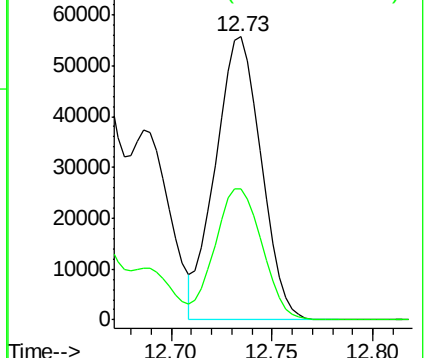
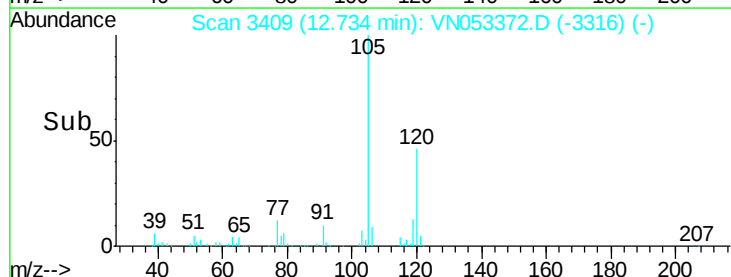
Ion Ratio Lower Upper

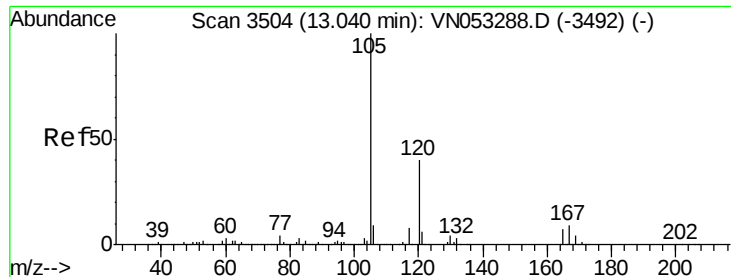
105 100

120 47.7 24.7 74.1



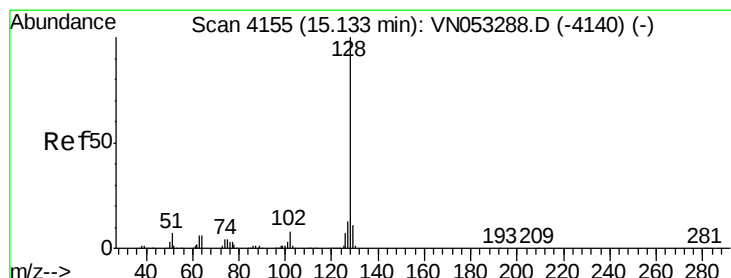
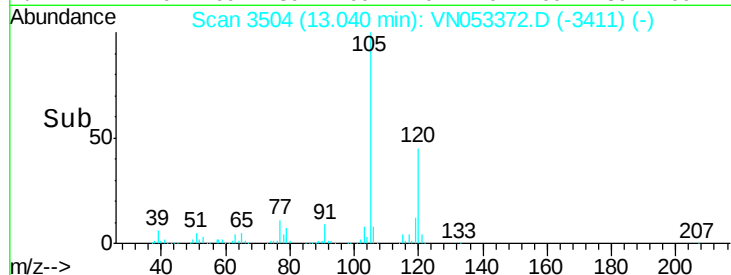
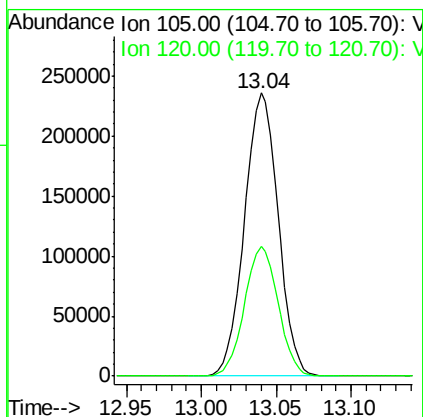
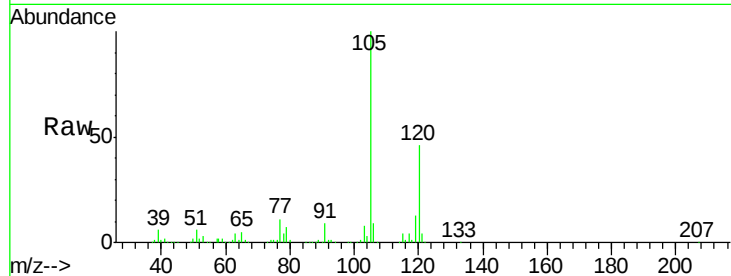
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 8.814 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

Tot Ion:105 Resp: 370545
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.0 69.0



#95
 Naphthalene
 Concen: 23.919 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053372.D
 Acq: 11 Jan 2019 18:00

Tgt Ion:128 Resp: 289369
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.4 15.6
 129 11.1 8.7 13.1

