

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053369.D
 Acq On : 11 Jan 2019 16:30
 Operator : JC/SP
 Sample : K1011-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

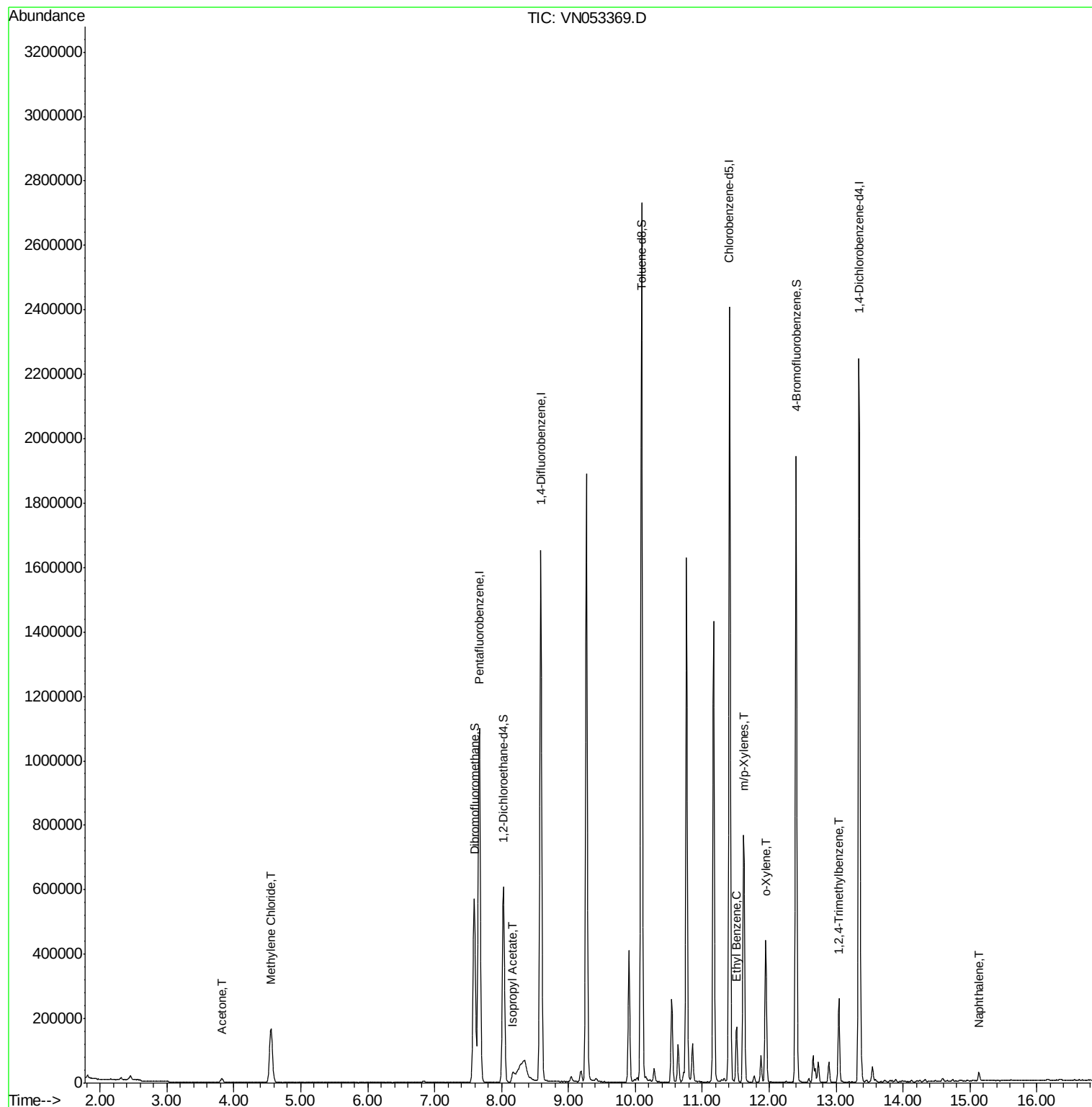
Quant Time: Jan 12 02:23:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

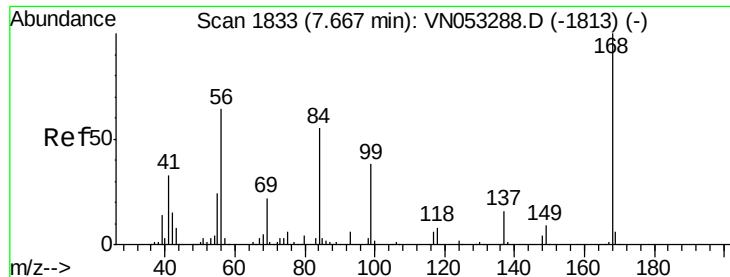
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	989913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1534930	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1451842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	644564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	500415	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
35) Dibromofluoromethane	7.59	113	443275	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	10.09	98	1926997	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.40	95	672555	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
Target Compounds						
16) Acetone	3.82	43	21049	6.314	ug/l	96
20) Methylene Chloride	4.55	84	133527	12.072	ug/l	98
43) Isopropyl Acetate	8.17	43	44857	2.443	ug/l #	77
67) Ethyl Benzene	11.51	91	127502	2.379	ug/l	100
68) m/p-Xylenes	11.62	106	255805	12.694	ug/l	100
69) o-Xylene	11.95	106	126231	6.398	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	151698	3.852	ug/l	98
95) Naphthalene	15.13	128	22577	1.992	ug/l	99

(#) = 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: VN053369.D

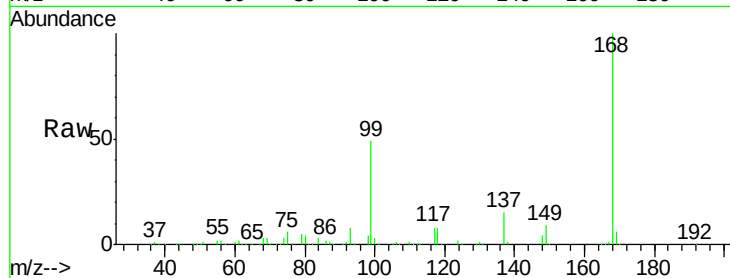
Acq: 11 Jan 2019 16:30

Tot Ion:168 Resp: 989913

Ion Ratio Lower Upper

168 100

99 49.3 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

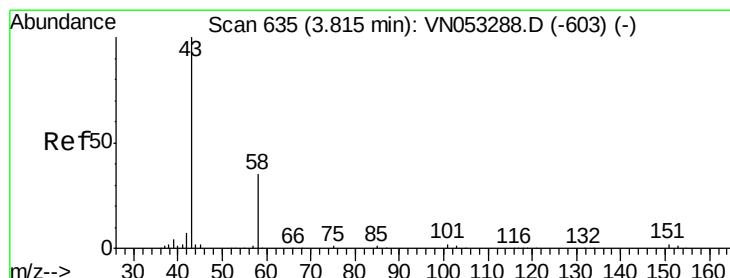
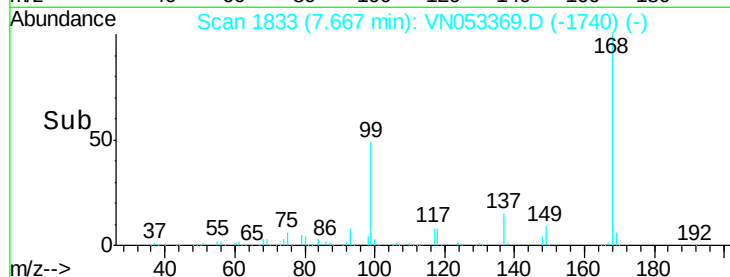
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.314 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053369.D

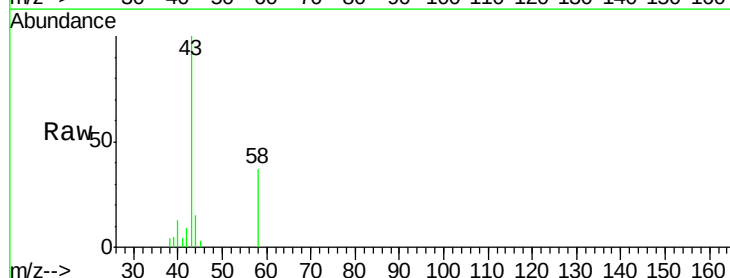
Acq: 11 Jan 2019 16:30

Tgt Ion: 43 Resp: 21049

Ion Ratio Lower Upper

43 100

58 36.9 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

8000

6000

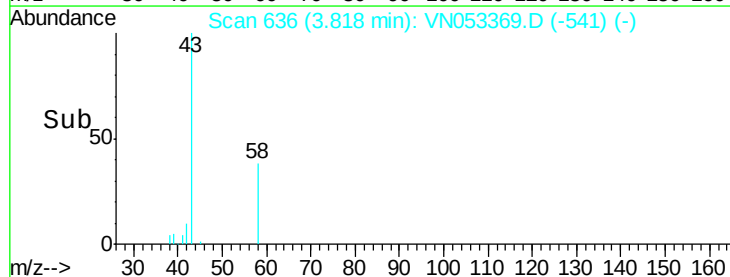
4000

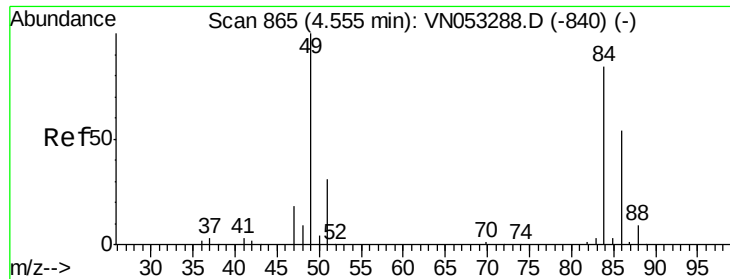
2000

0

3.70 3.80 3.90

Time-->

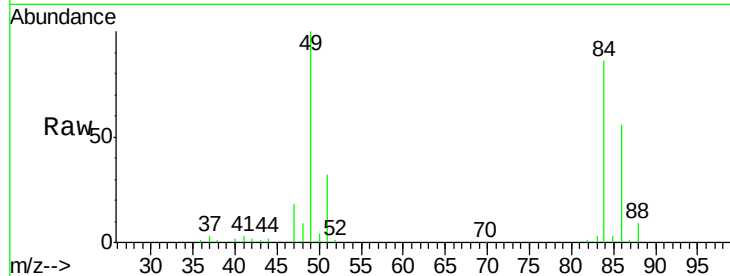




#20
Methylene Chloride
Concen: 12.072 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053369.D
Acq: 11 Jan 2019 16:30

Tot Ion: 84 Resp: 133527

Ion	Ratio	Lower	Upper
84	100		
49	116.2	95.3	142.9
51	37.1	29.0	43.6
86	64.6	51.7	77.5



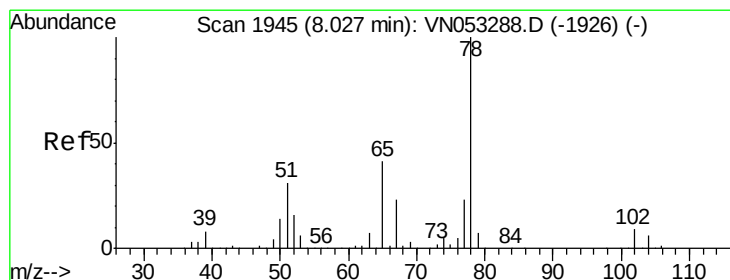
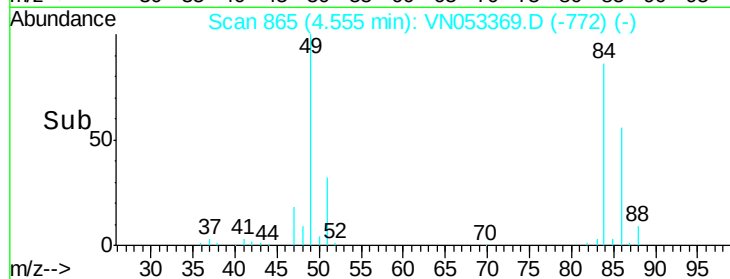
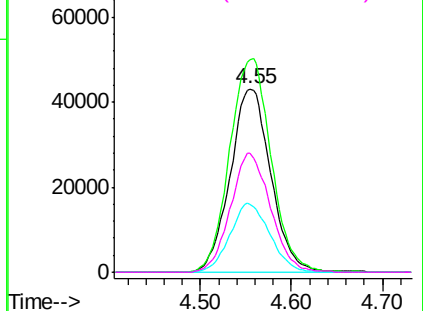
Abundance

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

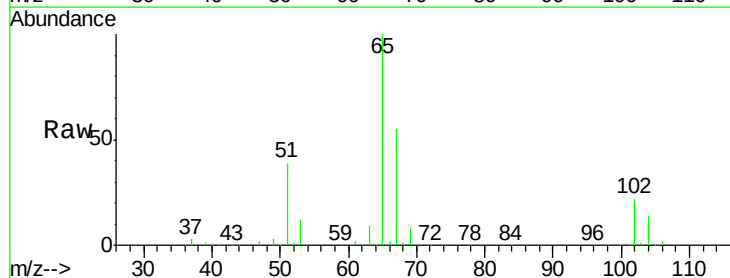
Ion 85.90 (85.60 to 86.60): VNC



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053369.D
Acq: 11 Jan 2019 16:30

Tgt Ion: 65 Resp: 500415

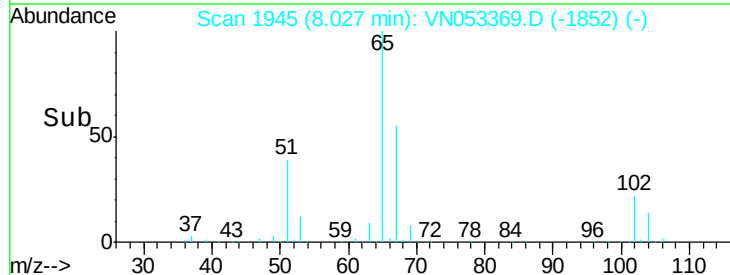
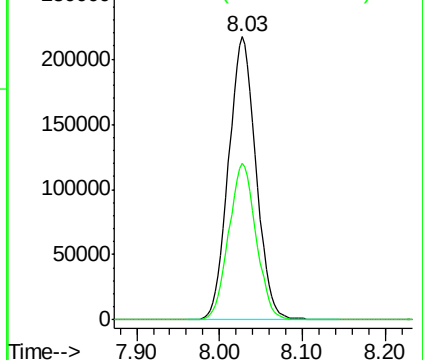
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	111.0

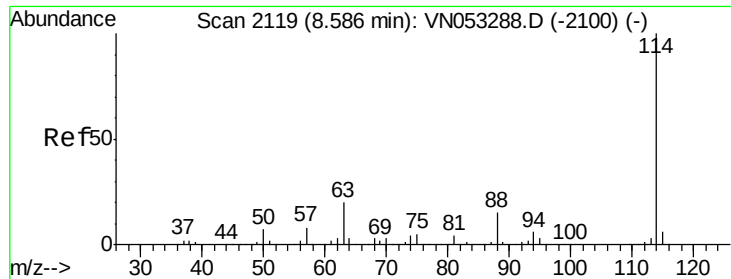


Abundance

Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

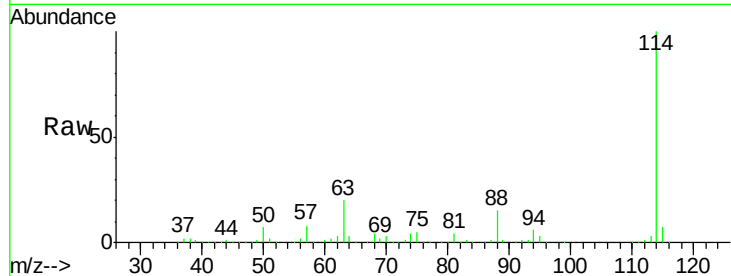




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053369.D
 Acq: 11 Jan 2019 16:30

Tot Ion:114 Resp: 1534930

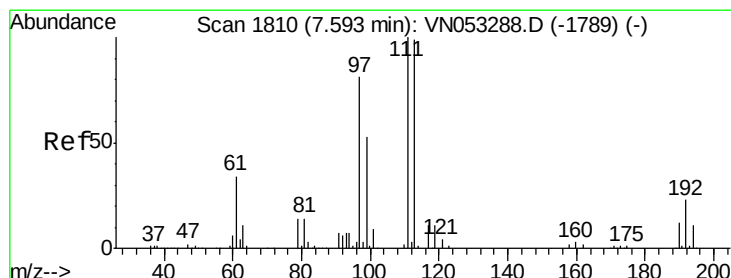
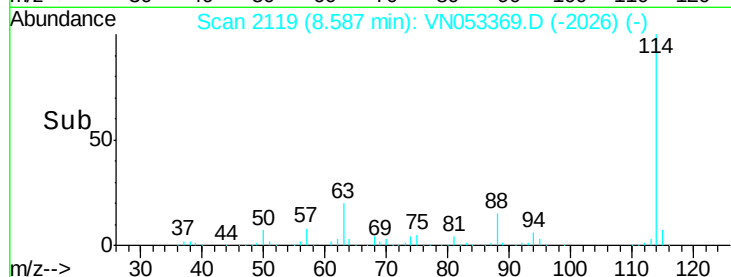
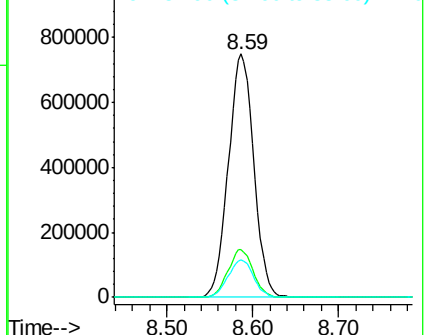
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	39.0
88	15.2	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

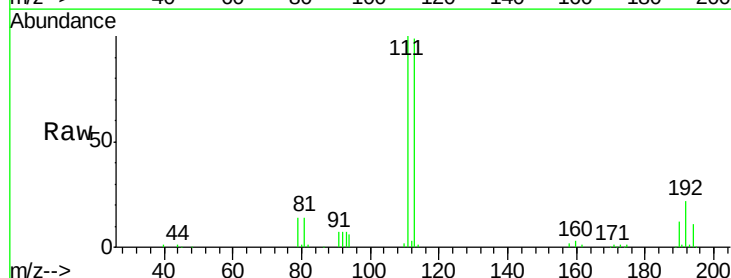
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053369.D
 Acq: 11 Jan 2019 16:30

Tgt Ion:113 Resp: 443275

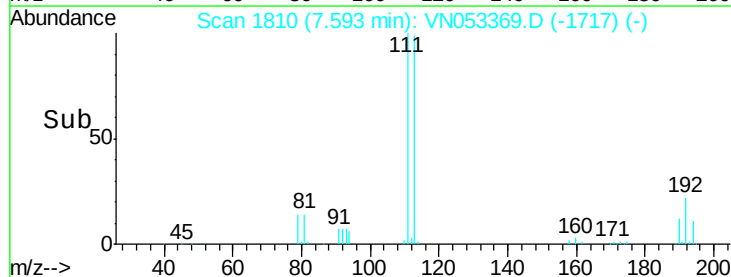
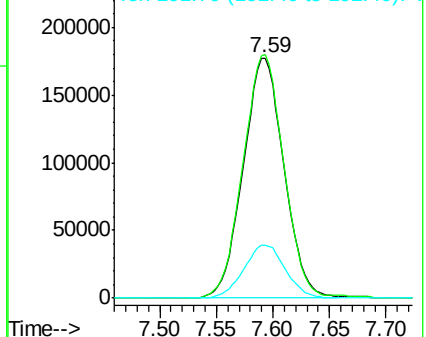
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.4	122.2
192	22.6	17.9	26.9

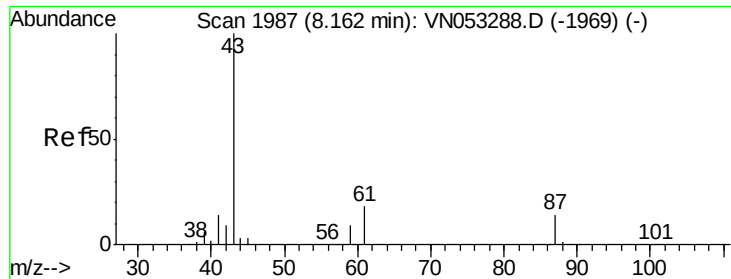


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.443 ug/l

RT: 8.17 min Scan# 1988

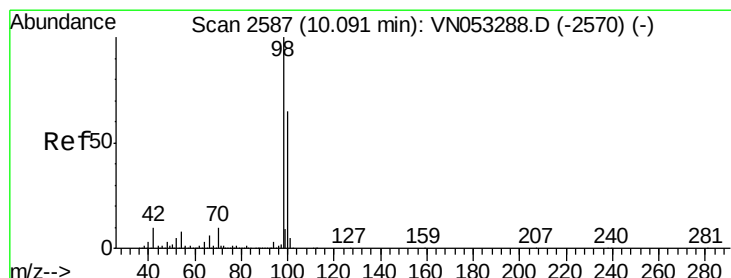
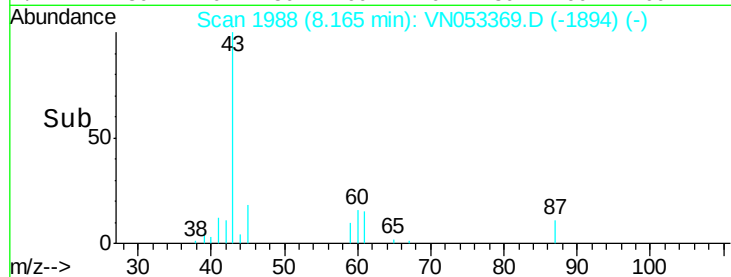
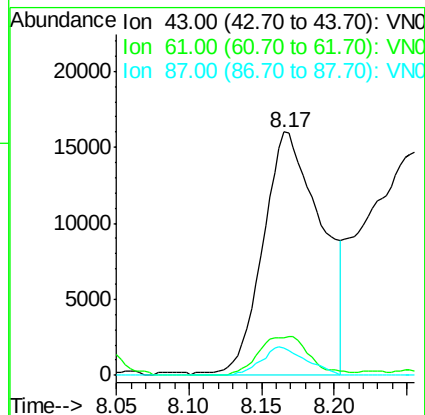
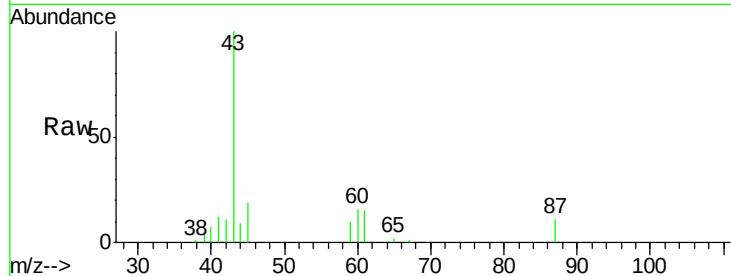
Delta R.T. 0.00 min

Lab File: VN053369.D

Acq: 11 Jan 2019 16:30

Tot Ion: 43 Resp: 44857

Ion	Ratio	Lower	Upper
43	100		
61	14.0	23.3	34.9#
87	8.8	10.8	16.2#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

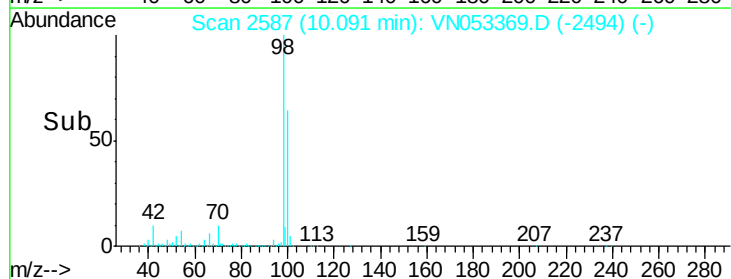
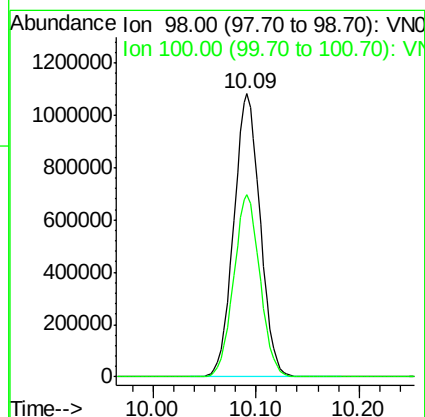
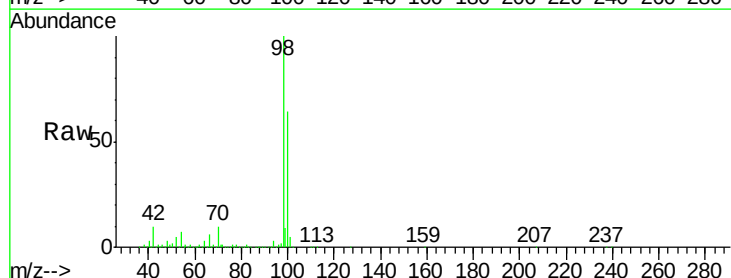
Delta R.T. 0.00 min

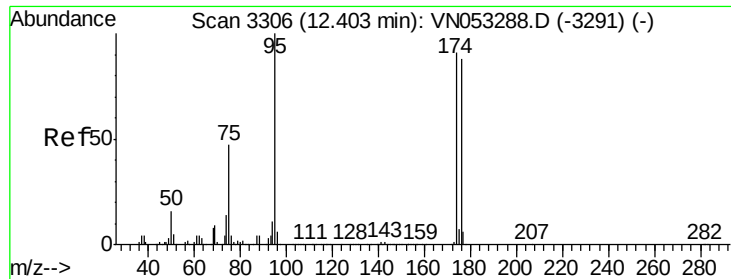
Lab File: VN053369.D

Acq: 11 Jan 2019 16:30

Tgt Ion: 98 Resp: 1926997

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053369.D

Acq: 11 Jan 2019 16:30

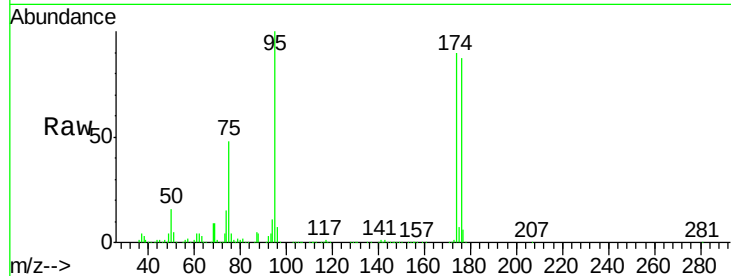
Tot Ion: 95 Resp: 672555

Ion Ratio Lower Upper

95 100

174 90.6 0.0 180.4

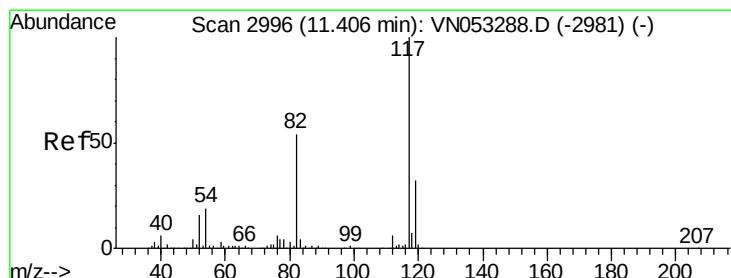
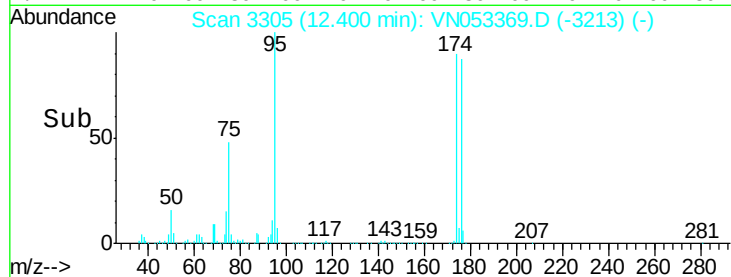
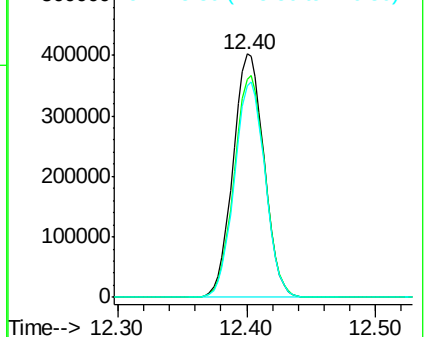
176 87.6 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053369.D

Acq: 11 Jan 2019 16:30

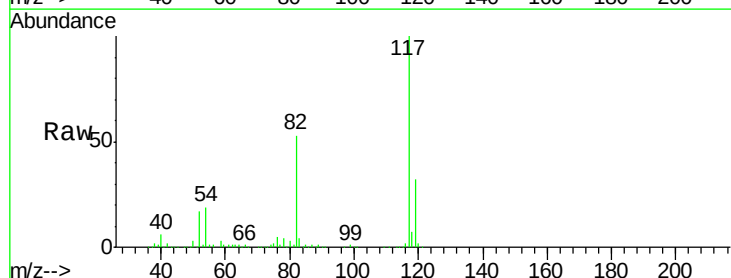
Tgt Ion: 117 Resp: 1451842

Ion Ratio Lower Upper

117 100

82 53.4 42.9 64.3

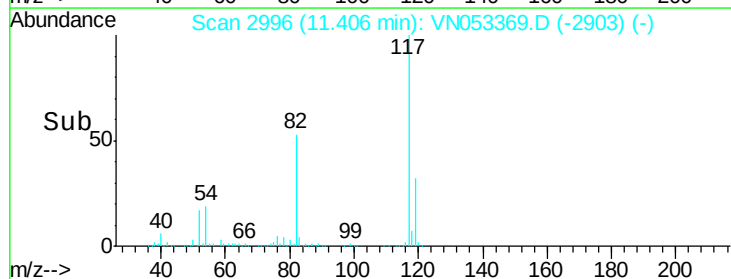
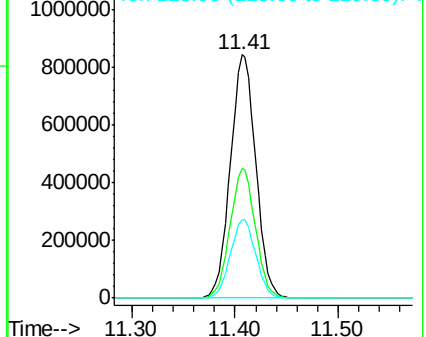
119 32.4 25.6 38.4

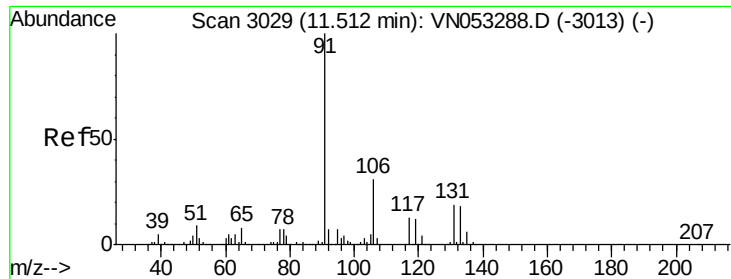


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053288.D (-2981) (-)

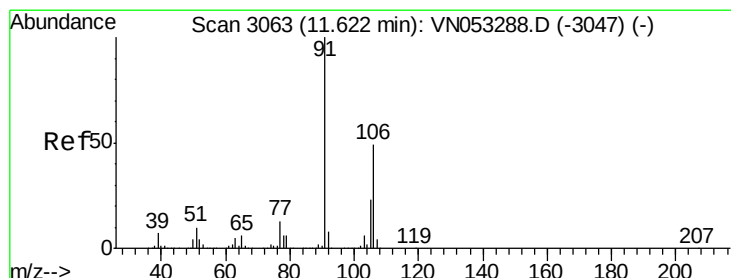
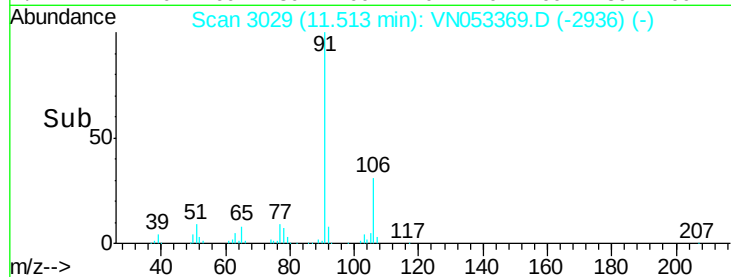
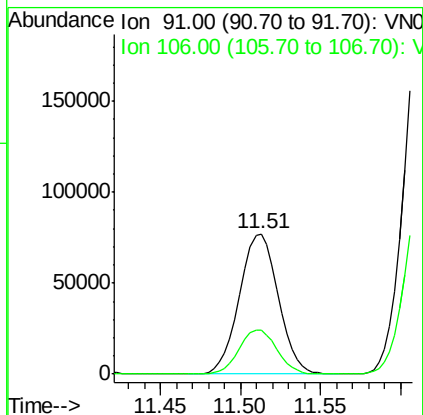
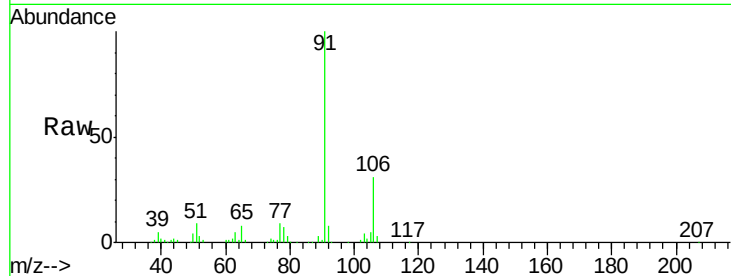
Ion 118.90 (118.60 to 119.60): VN053288.D (-2981) (-)





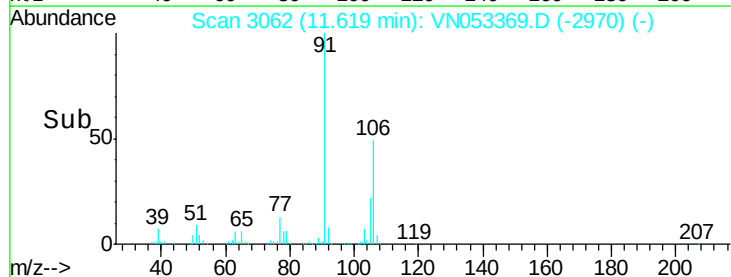
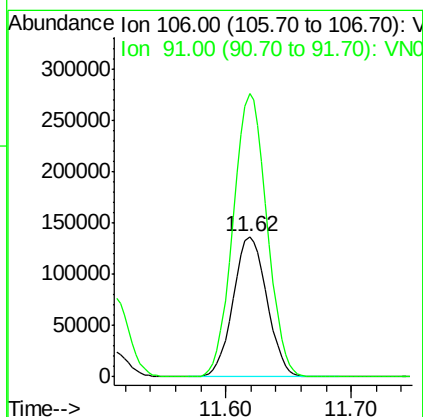
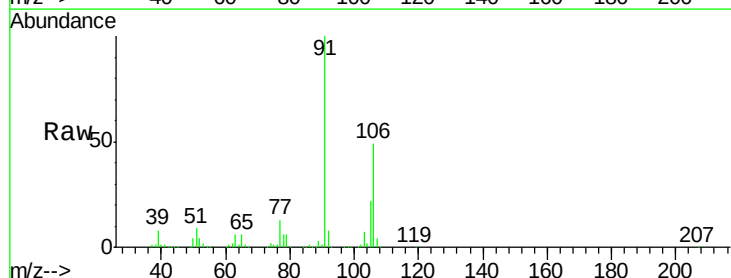
#67
Ethyl Benzene
Concen: 2.379 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053369.D
Acq: 11 Jan 2019 16:30

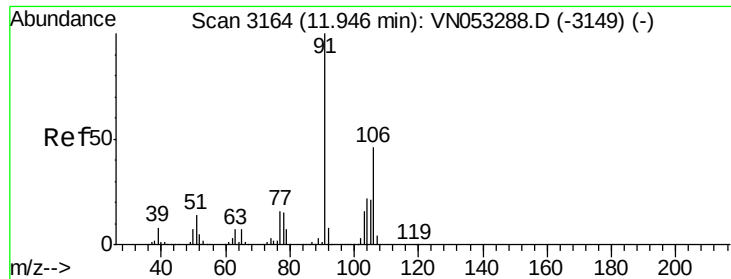
Tot Ion: 91 Resp: 127502
Ion Ratio Lower Upper
91 100
106 31.0 25.0 37.4



#68
m/p-Xylenes
Concen: 12.694 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053369.D
Acq: 11 Jan 2019 16:30

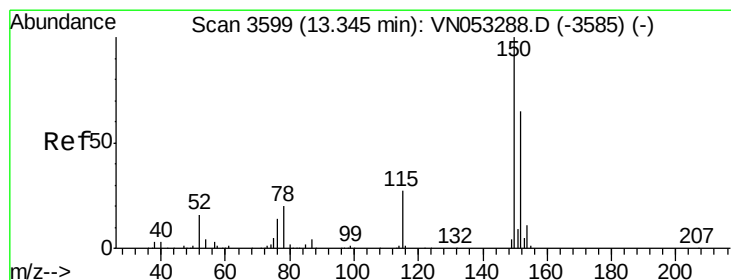
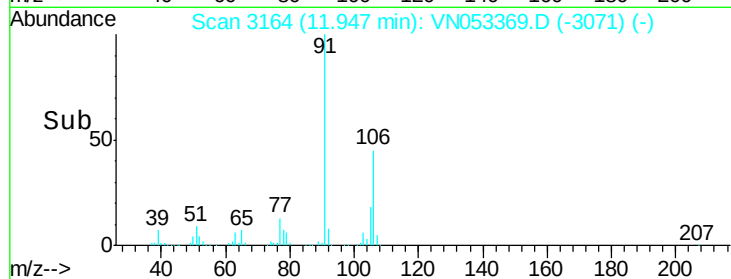
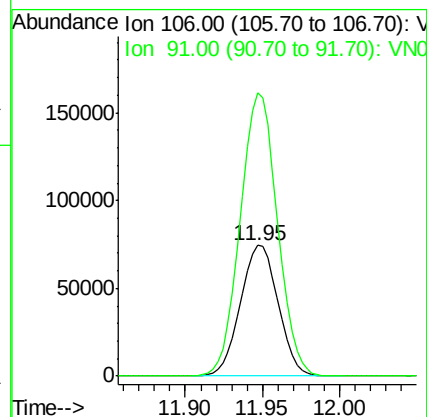
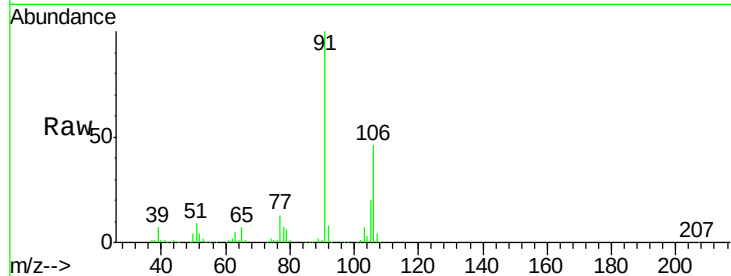
Tgt Ion: 106 Resp: 255805
Ion Ratio Lower Upper
106 100
91 201.8 161.4 242.2





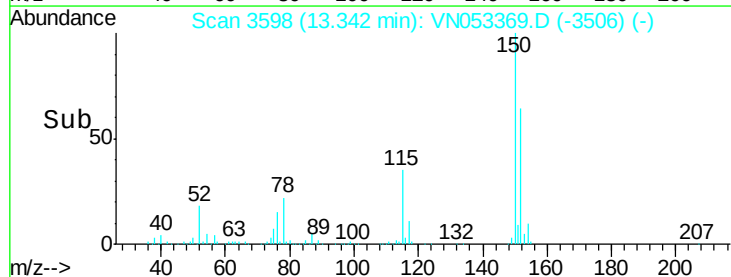
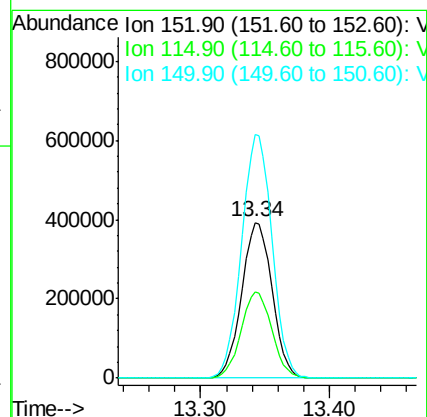
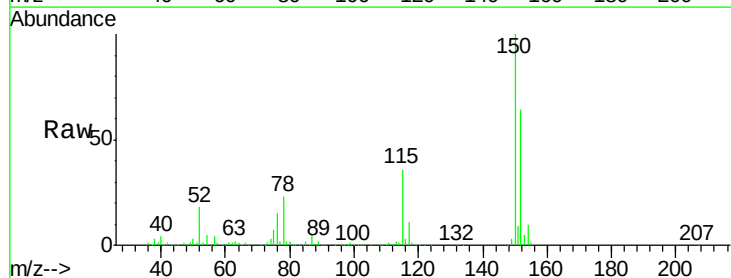
#69
o-Xylene
Concen: 6.398 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053369.D
Acq: 11 Jan 2019 16:30

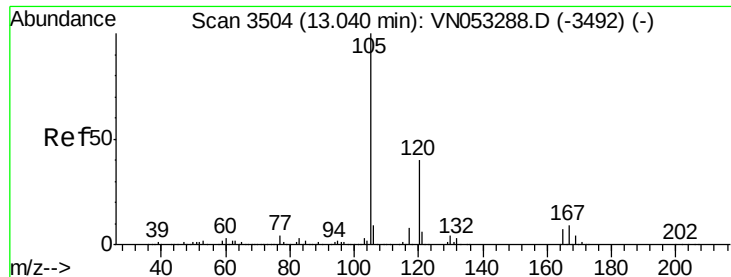
Tot Ion:106 Resp: 126231
Ion Ratio Lower Upper
106 100
91 213.5 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053369.D
Acq: 11 Jan 2019 16:30

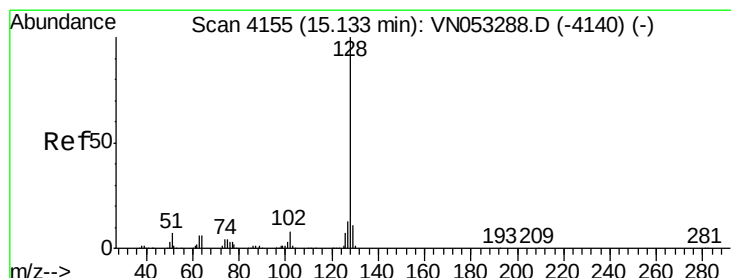
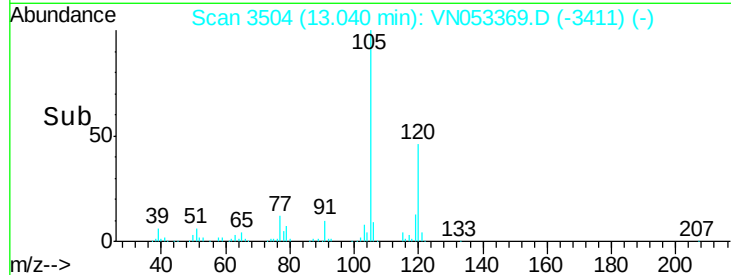
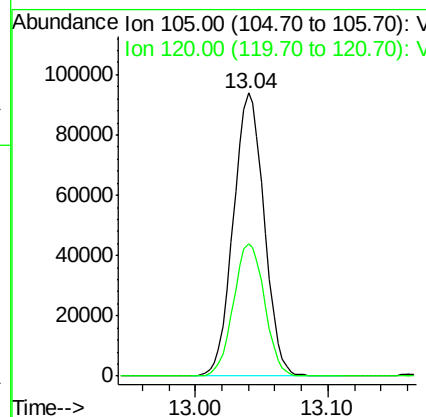
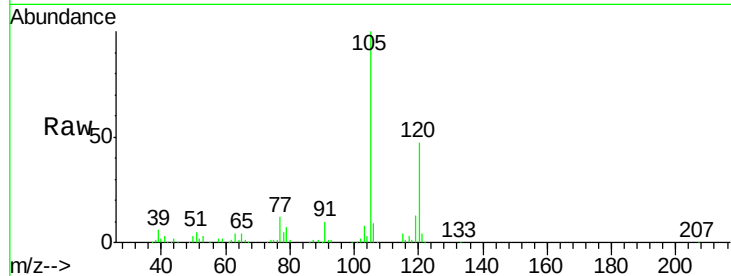
Tgt Ion:152 Resp: 644564
Ion Ratio Lower Upper
152 100
115 56.1 28.0 84.0
150 156.9 0.0 346.6





#84
 1,2,4-Trimethylbenzene
 Concen: 3.852 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053369.D
 Acq: 11 Jan 2019 16:30

Tot Ion:105 Resp: 151698
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.0 69.0



#95
 Naphthalene
 Concen: 1.992 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053369.D
 Acq: 11 Jan 2019 16:30

Tgt Ion:128 Resp: 22577
 Ion Ratio Lower Upper
 128 100
 127 12.6 10.4 15.6
 129 10.2 8.7 13.1

