

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055671.D
 Acq On : 20 May 2019 14:03
 Operator : JC/SP
 Sample : K2647-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

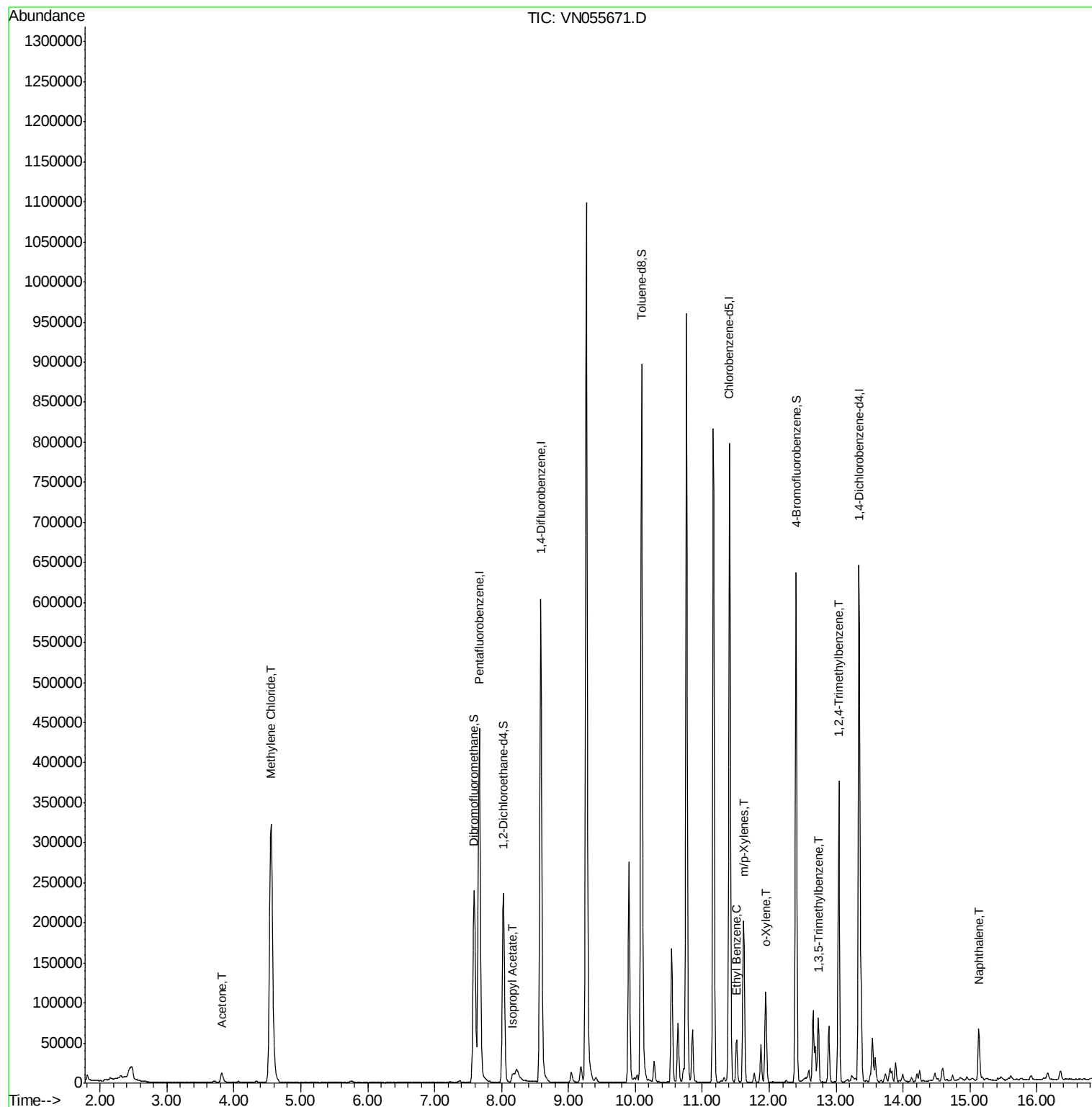
Quant Time: May 21 05:02:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

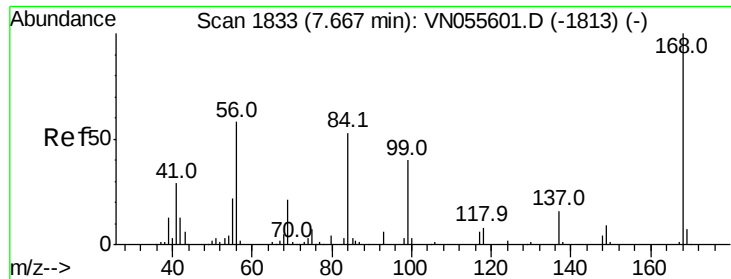
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	431007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	608440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	510212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	191988	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	198382	41.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.98%	
35) Dibromofluoromethane	7.59	113	185261	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	10.09	98	698045	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	12.40	95	217770	43.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.30%	
Target Compounds						
16) Acetone	3.82	43	22409	11.622	ug/l	97
20) Methylene Chloride	4.55	84	285453	64.872	ug/l	97
43) Isopropyl Acetate	8.17	43	15152	1.779	ug/l #	88
67) Ethyl Benzene	11.51	91	41074	2.234	ug/l	99
68) m/p-Xylenes	11.62	106	69957	10.077	ug/l	99
69) o-Xylene	11.95	106	33139	4.880	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	46222	2.059	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	219167	17.953	ug/l	100
95) Naphthalene	15.13	128	60288	7.590	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055671.D

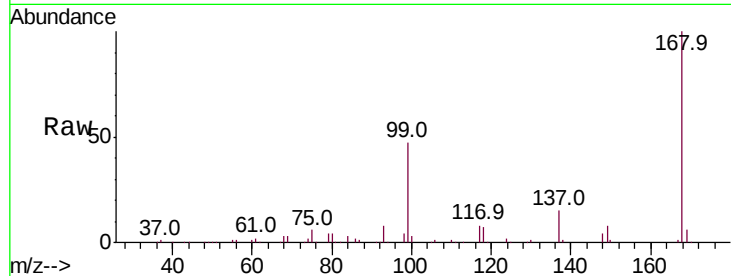
Acq: 20 May 2019 14:03

Tot Ion:168 Resp: 431007

Ion Ratio Lower Upper

168 100

99 46.7 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055671.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055671.D (-1813) (-)

7.67

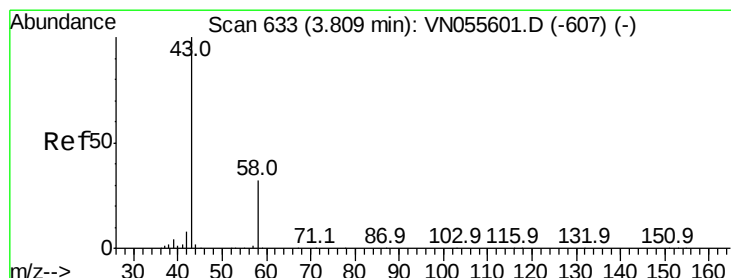
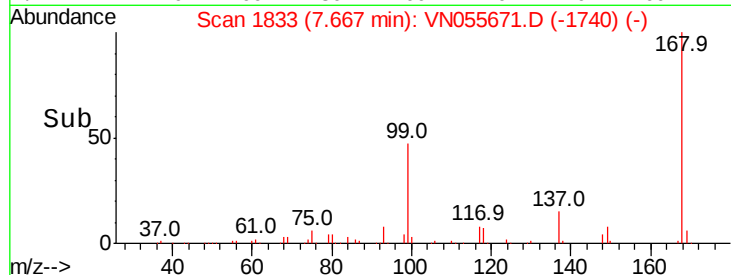
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 11.622 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN055671.D

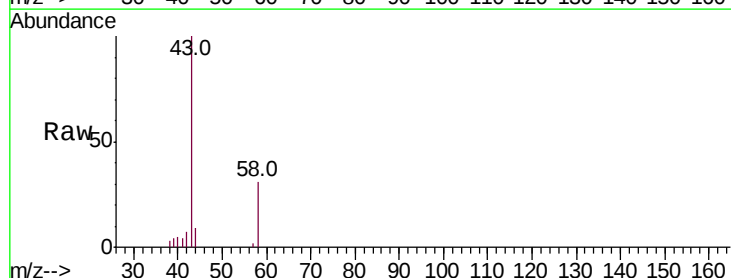
Acq: 20 May 2019 14:03

Tgt Ion: 43 Resp: 22409

Ion Ratio Lower Upper

43 100

58 31.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055671.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN055671.D (-540) (-)

3.82

8000

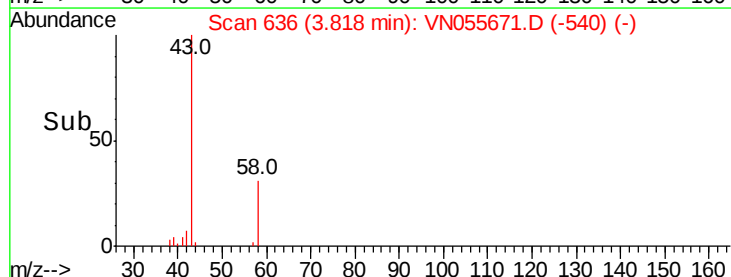
6000

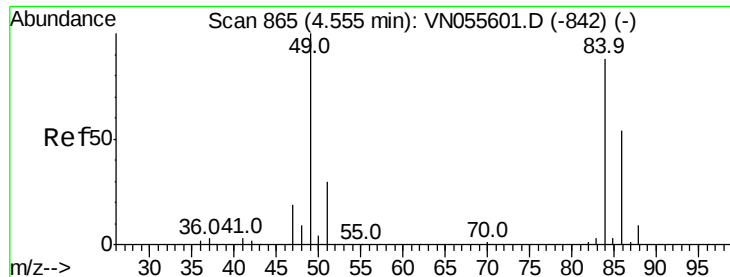
4000

2000

0

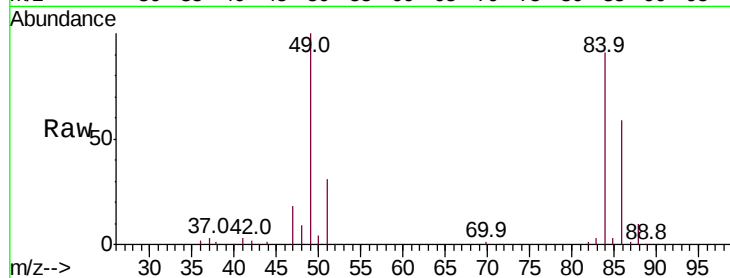
Time--> 3.70 3.80 3.90





#20
Methvlene Chloride
Concen: 64.872 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055671.D
Acq: 20 May 2019 14:03

Tot Ion:	84	Resp:	285453
Ion	Ratio	Lower	Upper
84	100		
49	109.4	91.0	136.4
51	33.6	27.5	41.3
86	64.4	49.4	74.0



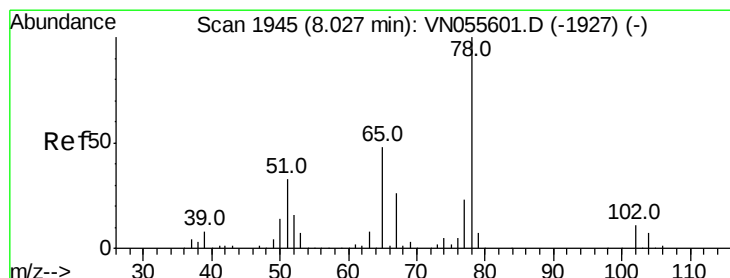
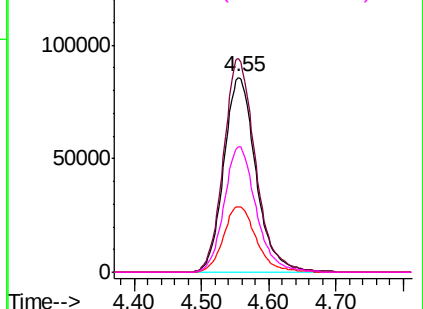
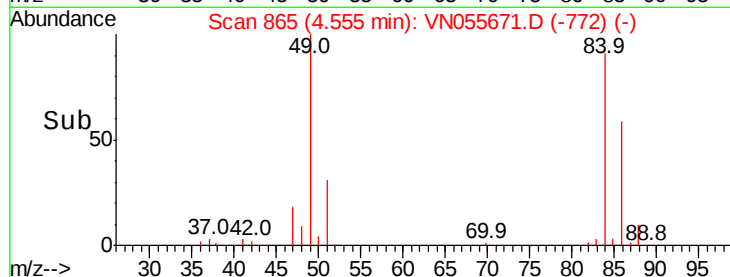
Abundance

Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

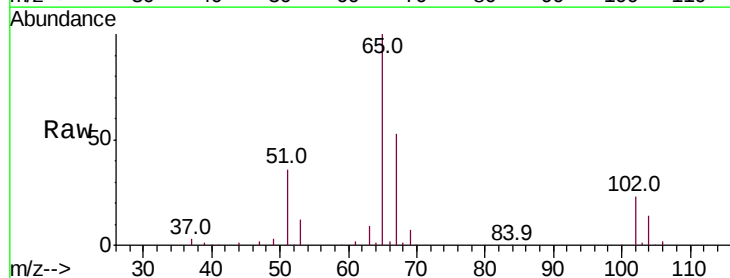
Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC



#33
1,2-Dichloroethane-d4
Concen: 41.988 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055671.D
Acq: 20 May 2019 14:03

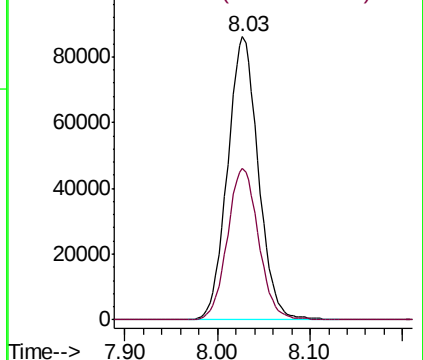
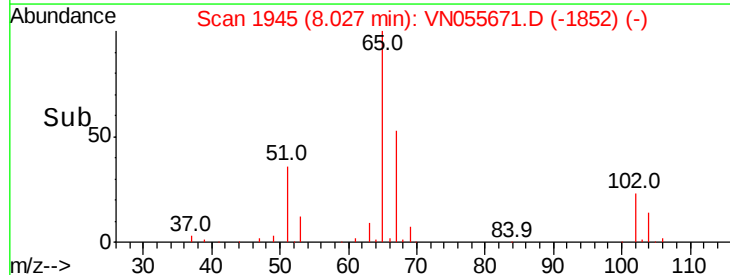
Tgt Ion:	65	Resp:	198382
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	108.6

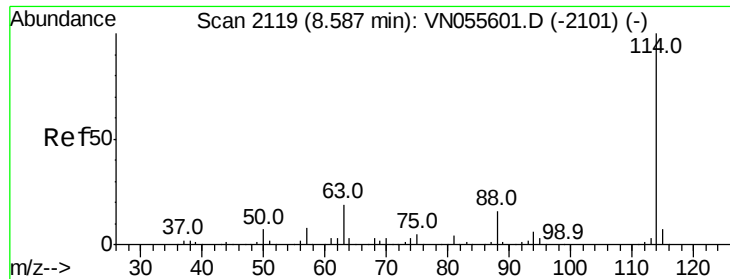


Abundance

Ion 64.90 (64.60 to 65.60): VNC

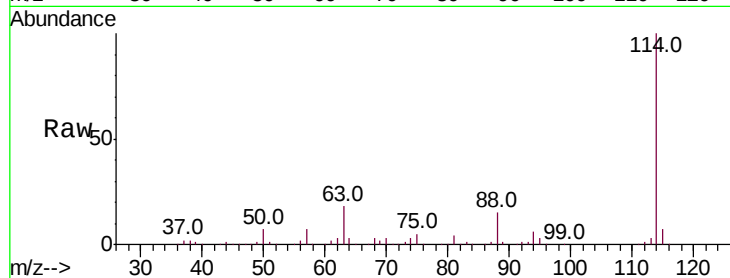
Ion 66.90 (66.60 to 67.60): VNC



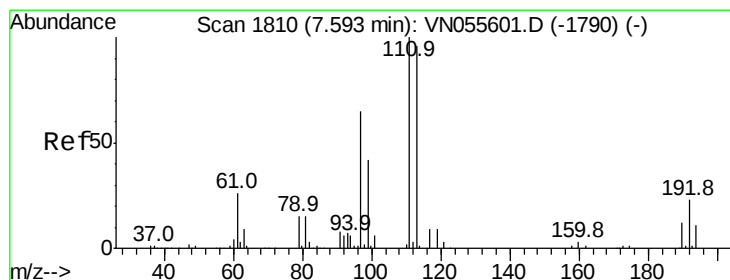
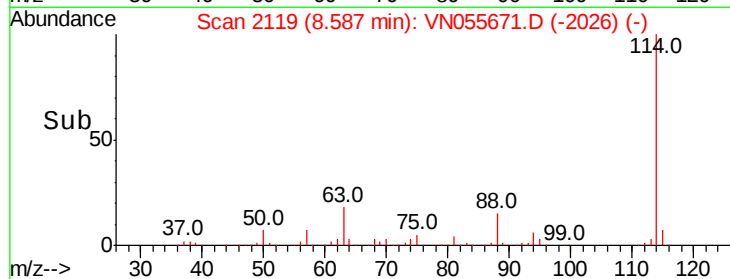
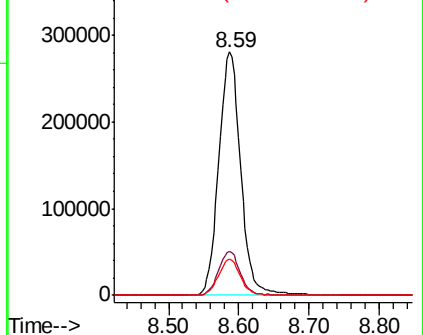


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055671.D
 Acq: 20 May 2019 14:03

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	38.2
88	14.9	0.0	31.0

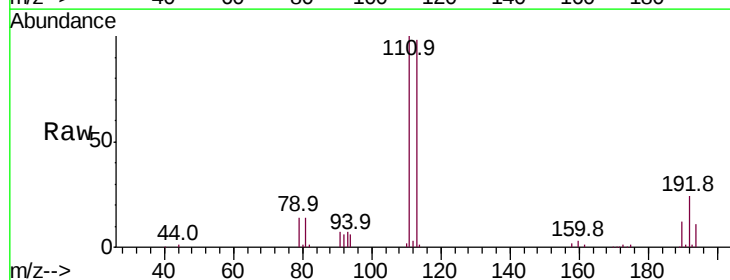


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

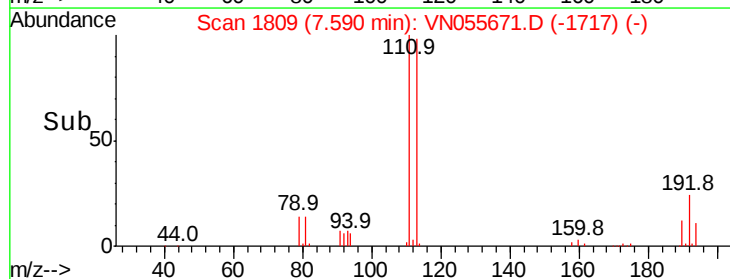
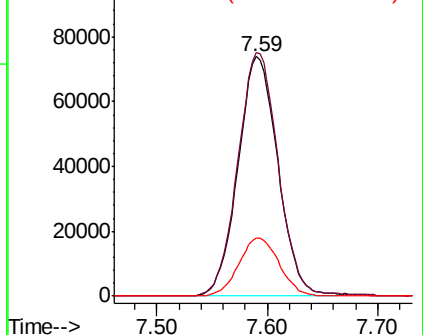


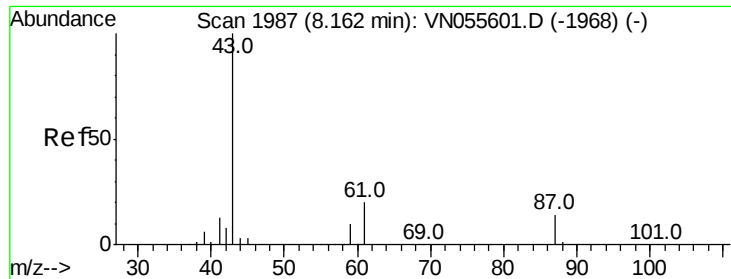
#35
 Dibromofluoromethane
 Concen: 47.932 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055671.D
 Acq: 20 May 2019 14:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.5	123.7
192	24.6	18.7	28.1



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: 1.779 ug/l

RT: 8.17 min Scan# 1988

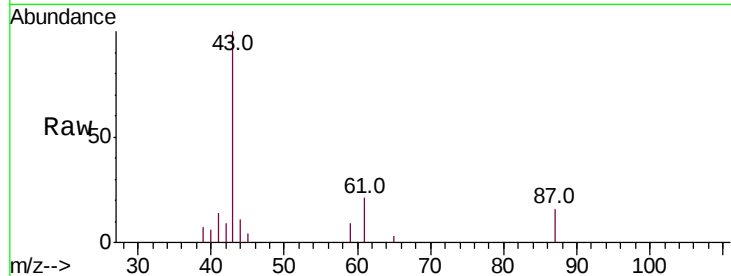
Delta R.T. 0.00 min

Lab File: VN055671.D

Acq: 20 May 2019 14:03

Tot Ion: 43 Resp: 15152

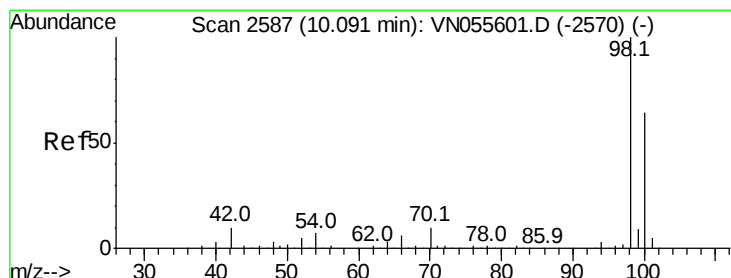
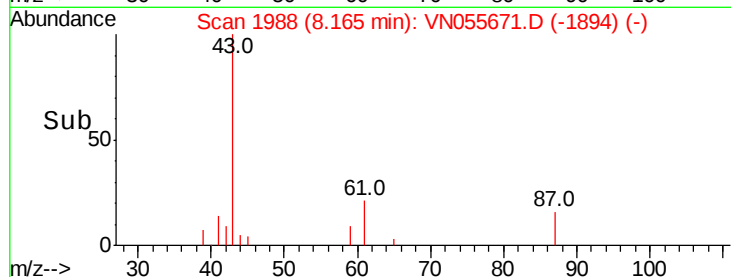
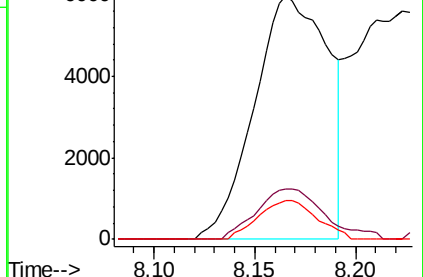
Ion	Ratio	Lower	Upper
43	100		
61	19.0	22.1	33.1#
87	12.6	11.8	17.6



Abundance Ion 43.00 (42.70 to 43.70): VN055671.D (-1988) (-)

Ion 61.00 (60.70 to 61.70): VN055671.D (-1988) (-)

Ion 87.00 (86.70 to 87.70): VN055671.D (-1988) (-)



#50

Toluene-d8

Concen: 47.764 ug/l

RT: 10.09 min Scan# 2587

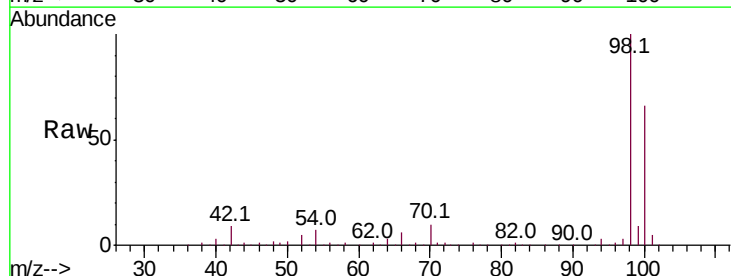
Delta R.T. -0.00 min

Lab File: VN055671.D

Acq: 20 May 2019 14:03

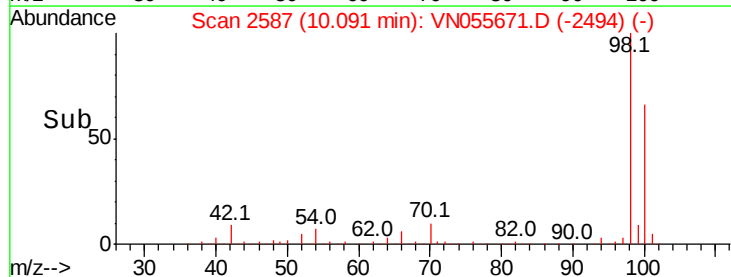
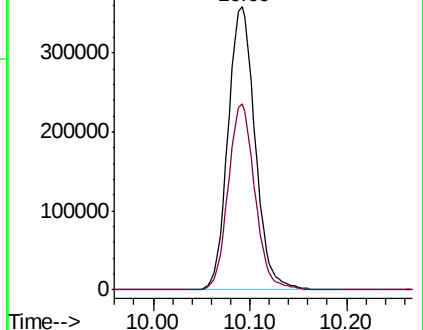
Tgt Ion: 98 Resp: 698045

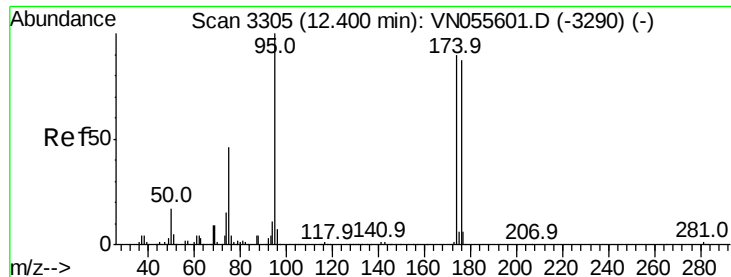
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055671.D (-2587) (-)

Ion 100.00 (99.70 to 100.70): VN055671.D (-2587) (-)





#62

4-Bromofluorobenzene

Concen: 43.152 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055671.D

Acq: 20 May 2019 14:03

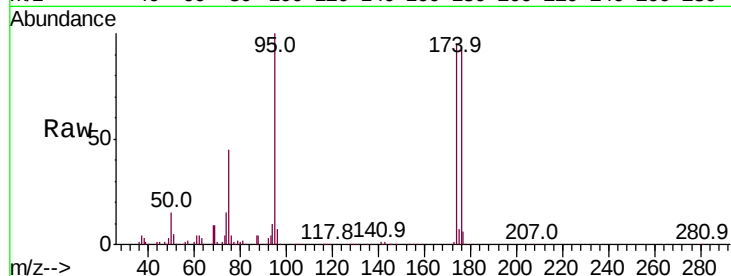
Tot Ion: 95 Resp: 217770

Ion	Ratio	Lower	Upper
95	100		
174	94.5	0.0	180.6
176	92.6	0.0	177.4

95 100

174 94.5 0.0 180.6

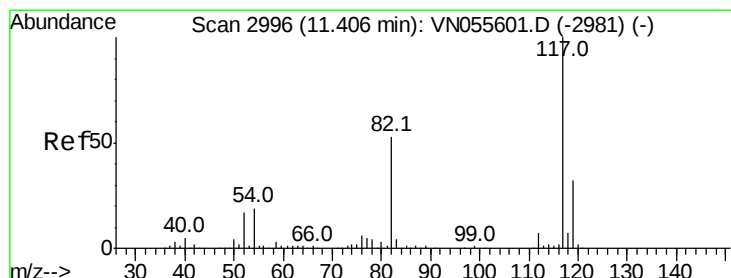
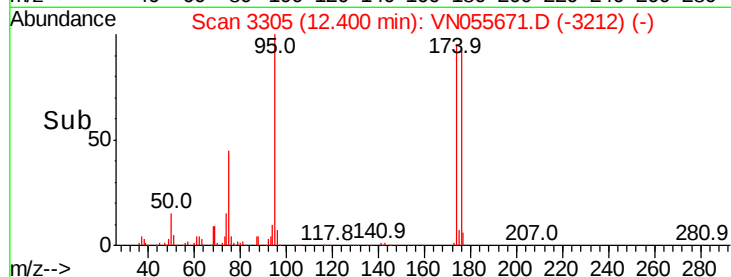
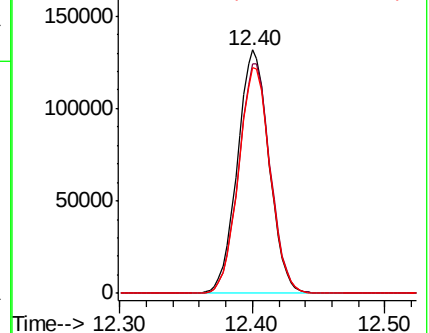
176 92.6 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055671.D

Acq: 20 May 2019 14:03

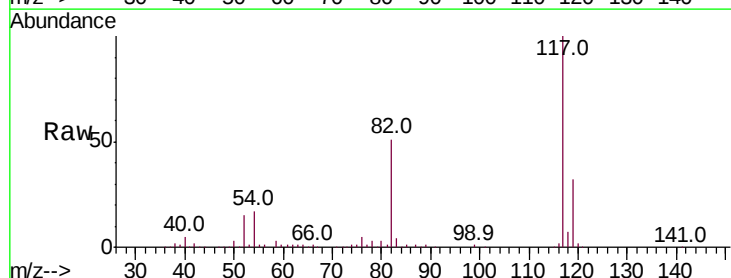
Tgt Ion: 117 Resp: 510212

Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.3	63.5
119	32.3	25.4	38.2

117 100

82 51.0 42.3 63.5

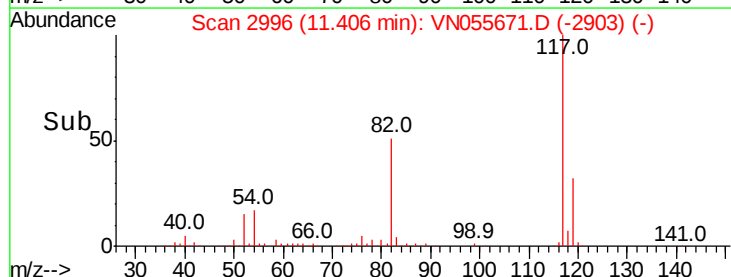
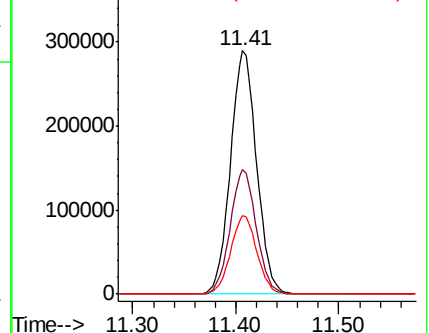
119 32.3 25.4 38.2

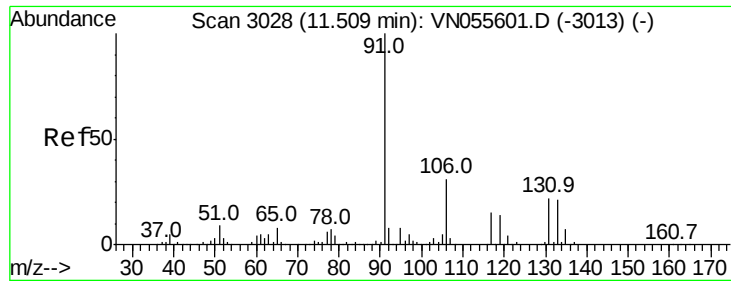


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

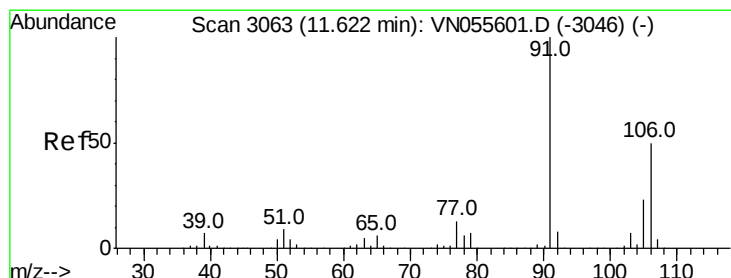
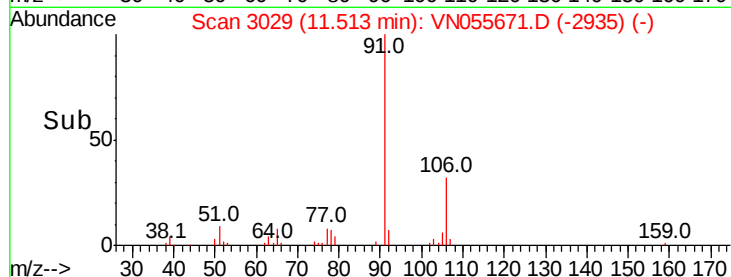
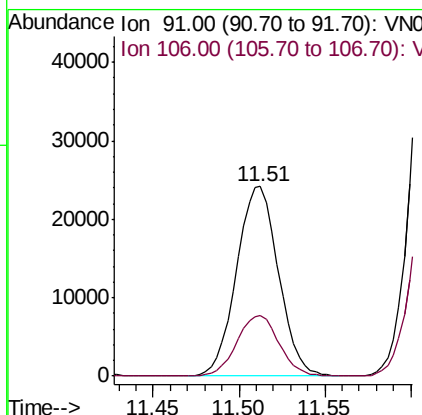
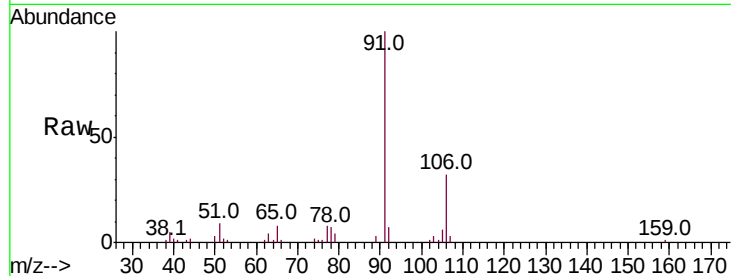
Ion 118.90 (118.60 to 119.60): VN0





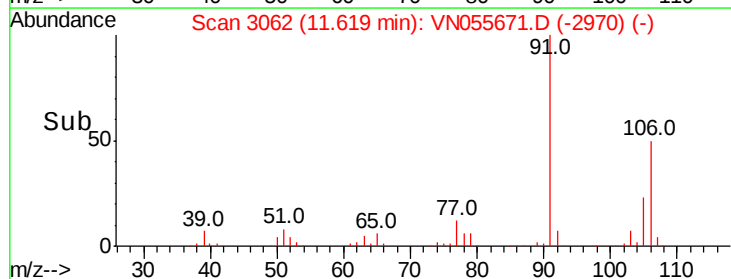
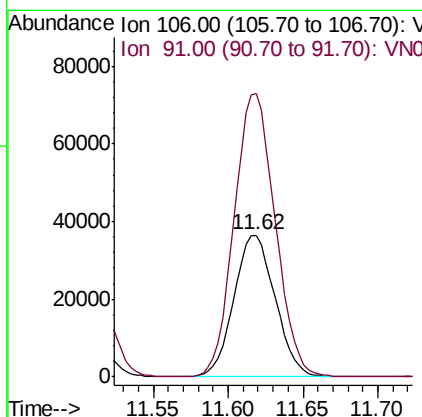
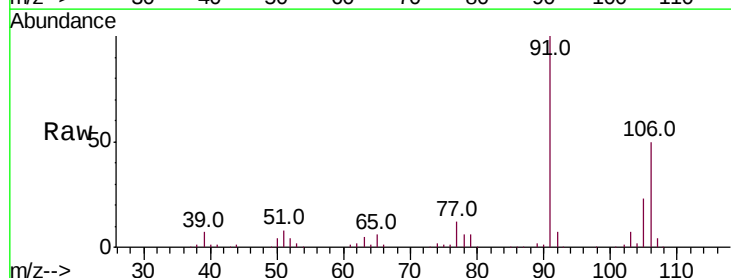
#67
Ethyl Benzene
Concen: 2.234 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055671.D
Acq: 20 May 2019 14:03

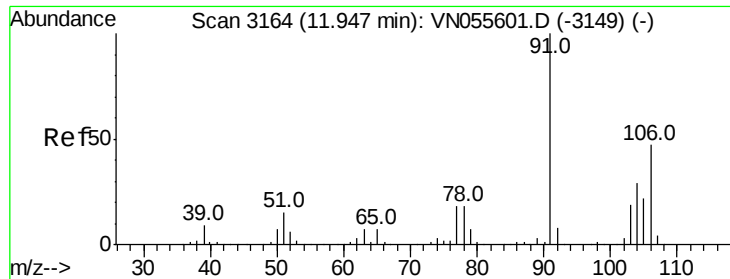
Tot Ion: 91 Resp: 41074
Ion Ratio Lower Upper
91 100
106 31.9 25.2 37.8



#68
m/p-Xylenes
Concen: 10.077 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055671.D
Acq: 20 May 2019 14:03

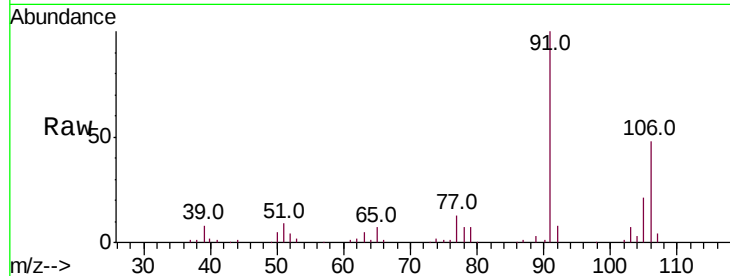
Tgt Ion: 106 Resp: 69957
Ion Ratio Lower Upper
106 100
91 198.9 160.5 240.7



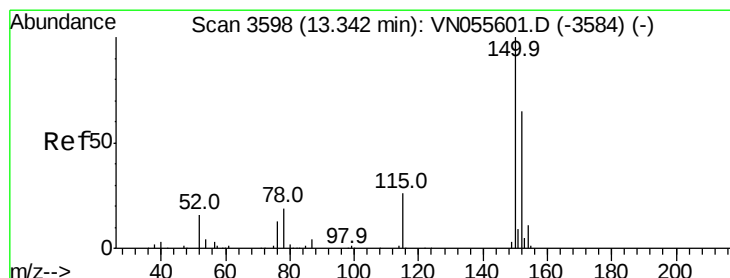
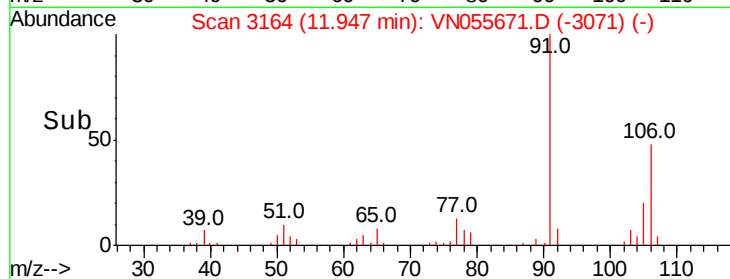
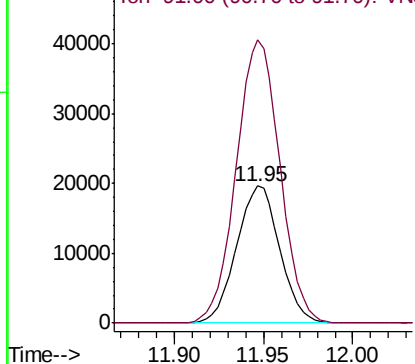


#69
o-Xylene
Concen: 4.880 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055671.D
Acq: 20 May 2019 14:03

Tot Ion:106 Resp: 33139
Ion Ratio Lower Upper
106 100
91 209.6 106.7 320.2

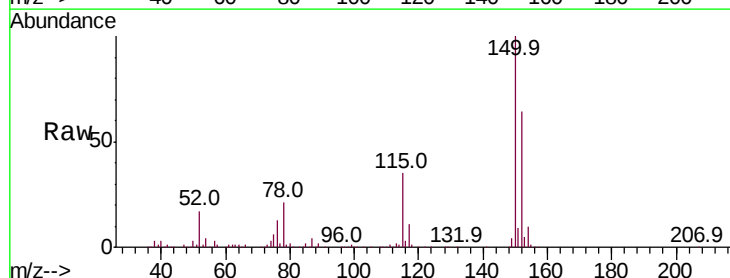


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

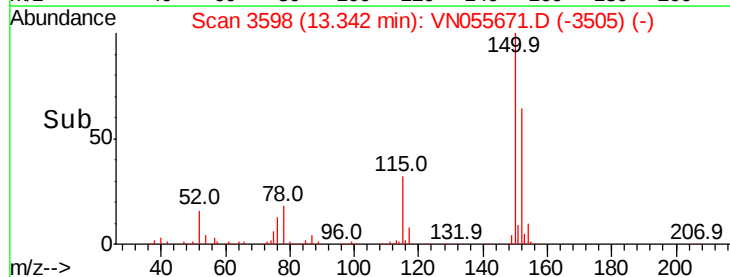
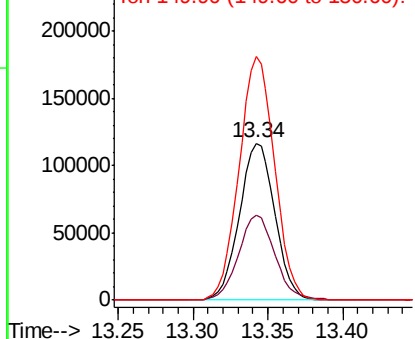


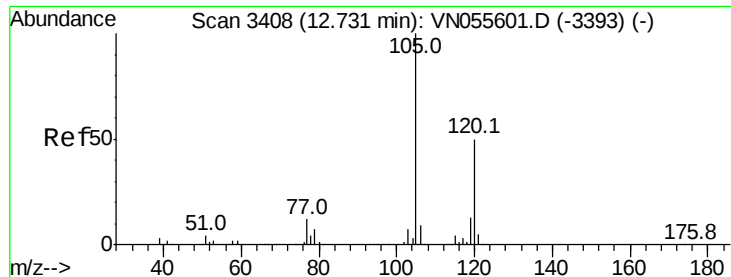
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055671.D
Acq: 20 May 2019 14:03

Tgt Ion:152 Resp: 191988
Ion Ratio Lower Upper
152 100
115 56.0 28.1 84.2
150 155.7 0.0 348.0



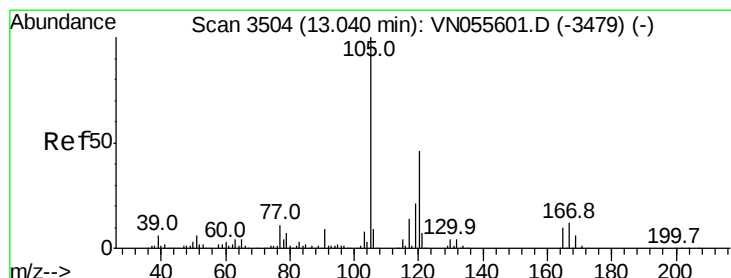
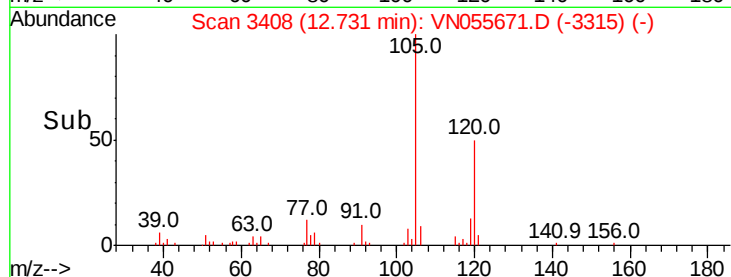
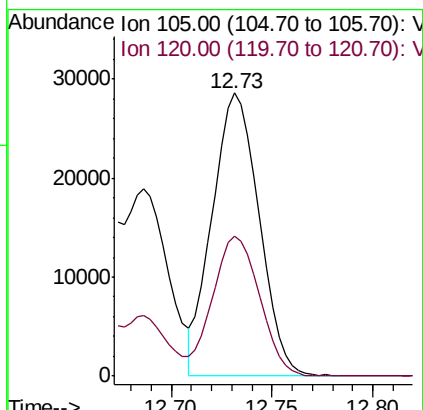
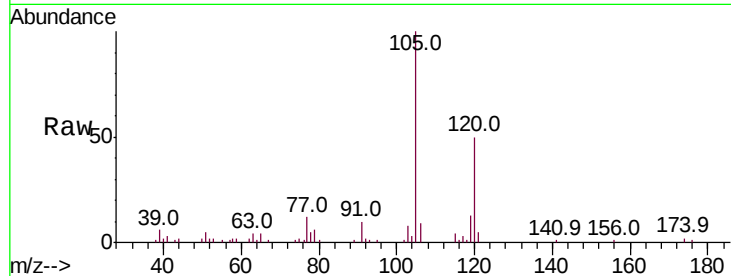
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





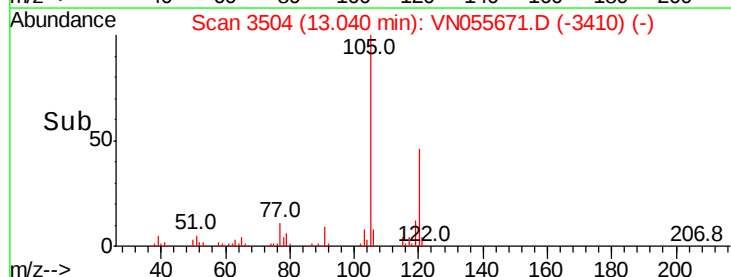
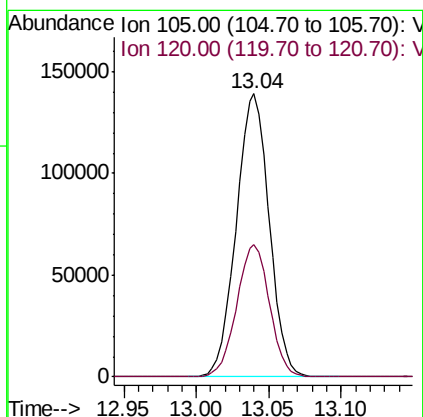
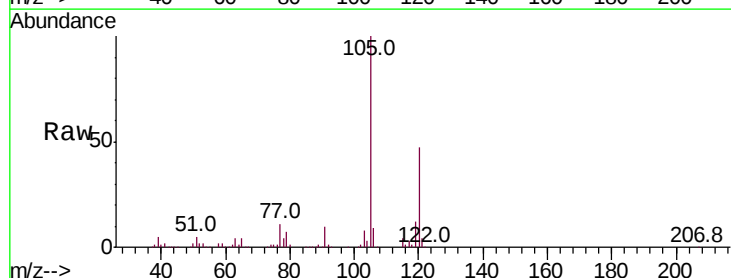
#80
 1,3,5-Trimethylbenzene
 Concen: 2.059 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055671.D
 Acq: 20 May 2019 14:03

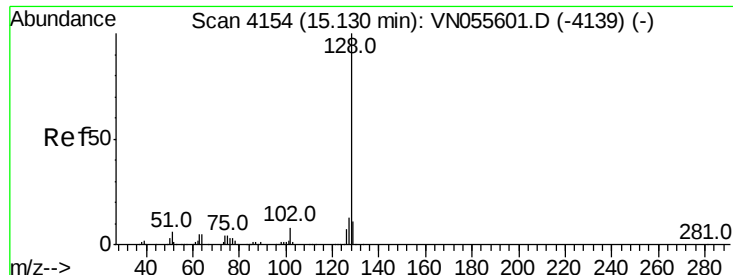
Tot Ion:105 Resp: 46222
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.6 74.0



#84
 1,2,4-Trimethylbenzene
 Concen: 17.953 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055671.D
 Acq: 20 May 2019 14:03

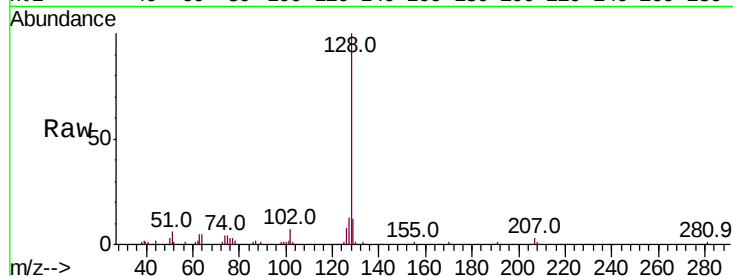
Tgt Ion:105 Resp: 219167
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.1 69.2





#95
Naphthalene
Concen: 7.590 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055671.D
Acq: 20 May 2019 14:03

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.7	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

