

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055676.D
 Acq On : 20 May 2019 16:04
 Operator : JC/SP
 Sample : K2956-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

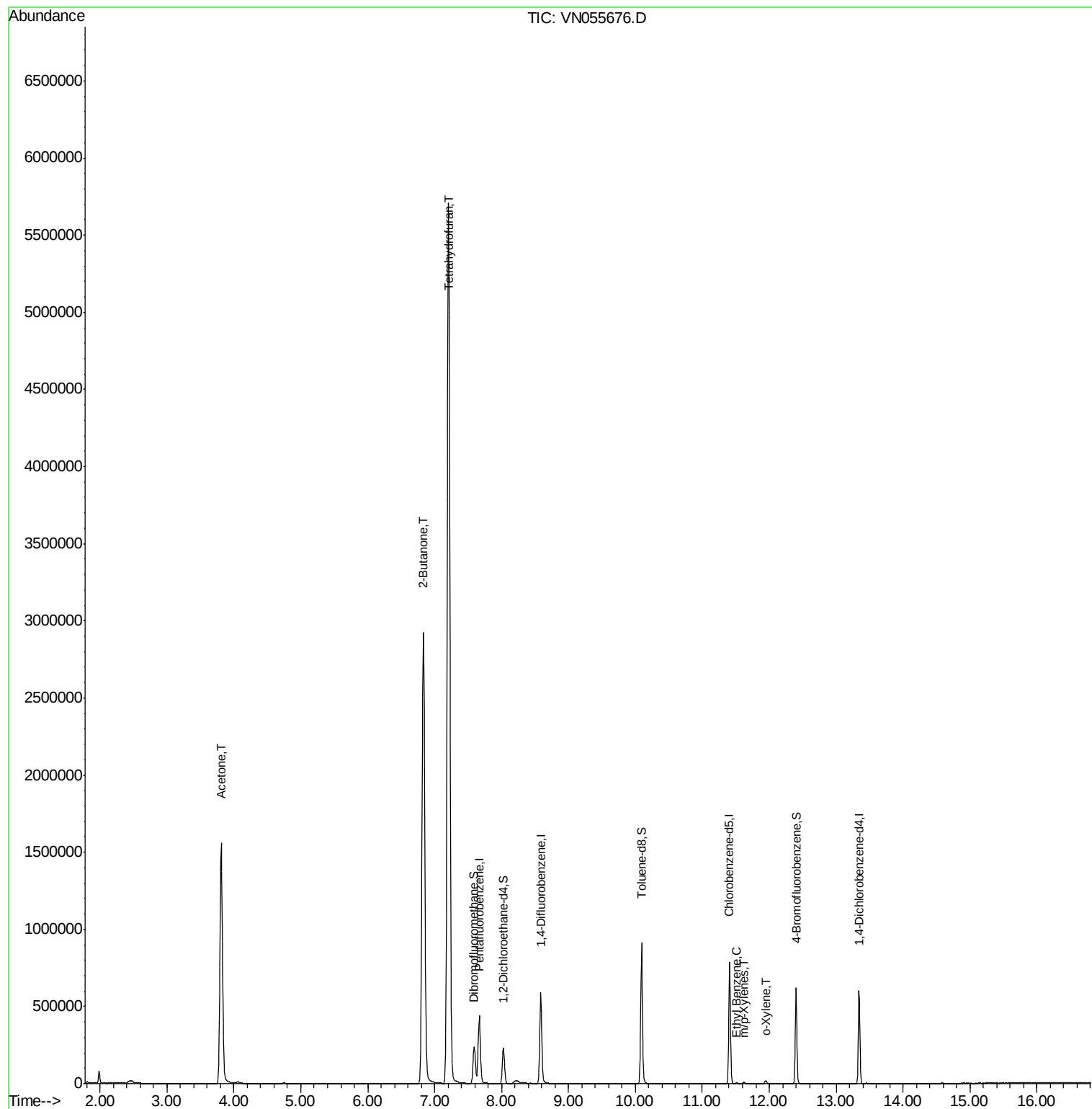
Quant Time: May 21 05:14:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	424998	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	598389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	509760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	182087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	193400	41.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.02%	
35) Dibromofluoromethane	7.59	113	183993	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
50) Toluene-d8	10.09	98	690462	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	12.40	95	214376	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
Target Compounds						
16) Acetone	3.81	43	2680766	1410.007	ug/l	98
25) 2-Butanone	6.83	43	5343782	2010.190	ug/l	98
29) Tetrahydrofuran	7.21	42	4939387	2804.584	ug/l	96
67) Ethyl Benzene	11.51	91	5942	0.324	ug/l	97
68) m/p-Xylenes	11.62	106	3163	0.456	ug/l	91
69) o-Xylene	11.95	106	6213	0.916	ug/l	96

(#) = 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: VN055676.D

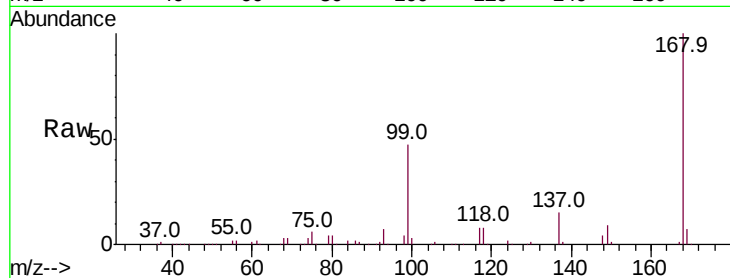
Acq: 20 May 2019 16:04

Tot Ion:168 Resp: 424998

Ion Ratio Lower Upper

168 100

99 47.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055601.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN055601.D (-1813) (-)

7.67

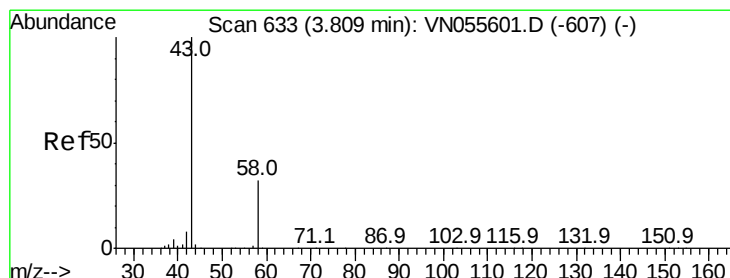
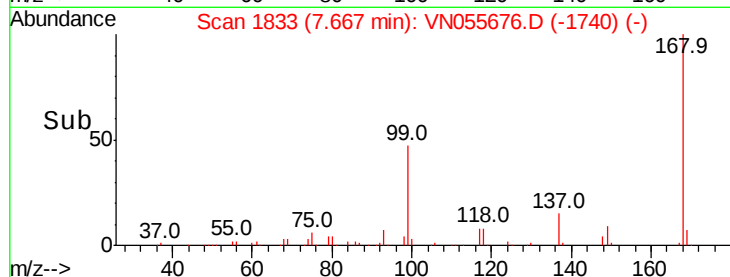
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 1410.007 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN055676.D

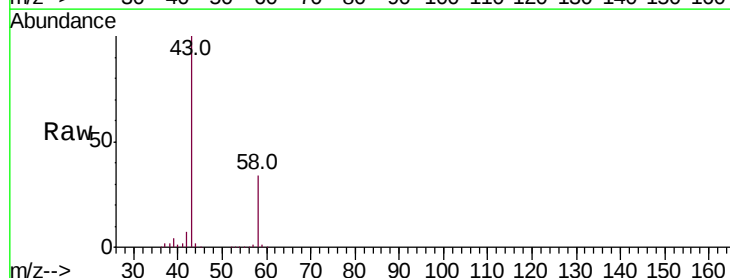
Acq: 20 May 2019 16:04

Tgt Ion: 43 Resp: 2680766

Ion Ratio Lower Upper

43 100

58 33.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-607) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-607) (-)

3.81

1000000

800000

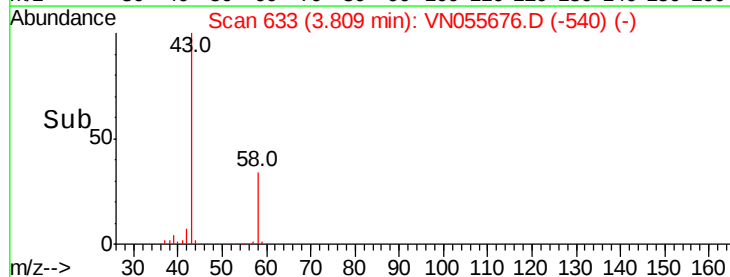
600000

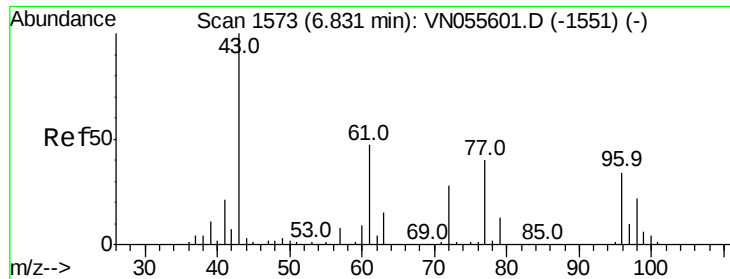
400000

200000

0

Time--> 3.70 3.80 3.90 4.00 4.10

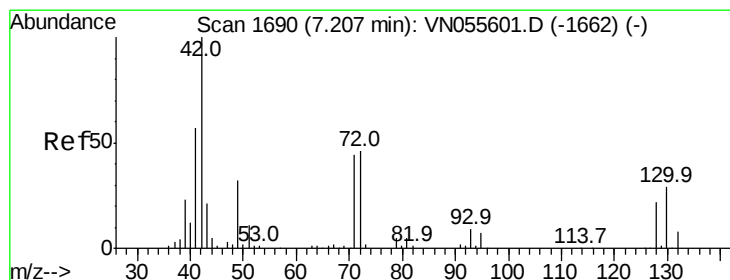
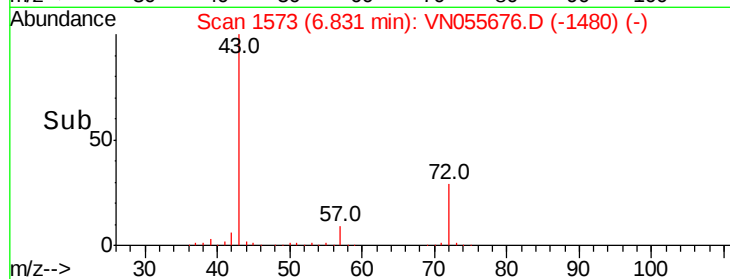
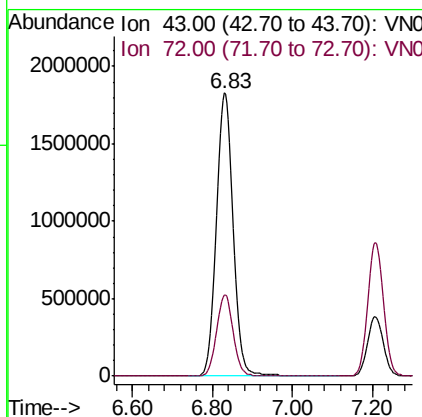
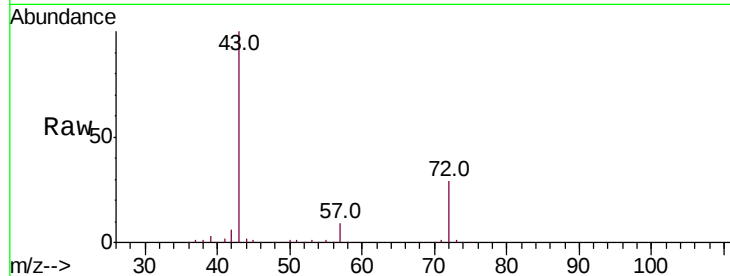




#25
 2-Butanone
 Concen: 2010.190 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: VN055676.D
 Acq: 20 May 2019 16:04

Tot Ion: 43 Resp: 5343782

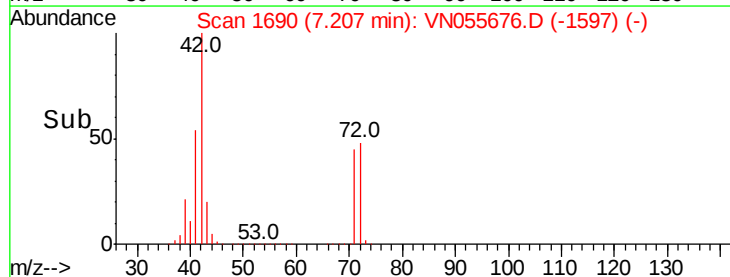
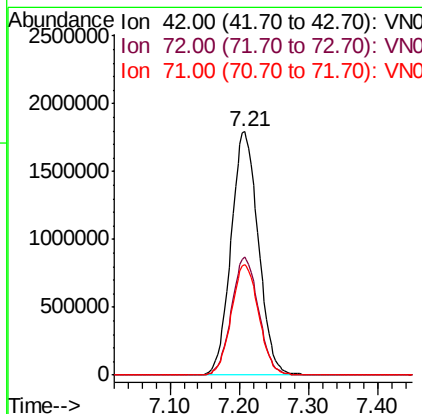
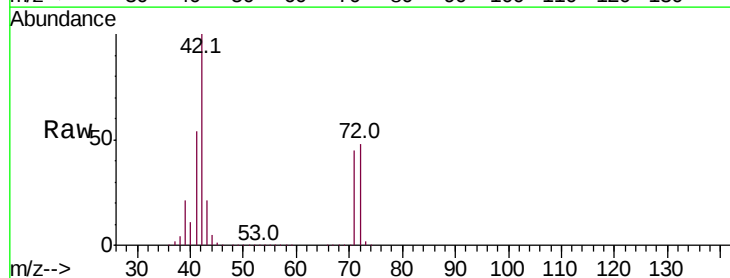
Ion	Ratio	Lower	Upper
43	100		
72	28.8	22.3	33.5

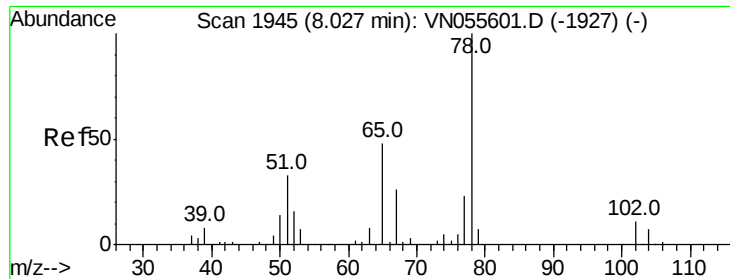


#29
 Tetrahydrofuran
 Concen: 2804.584 ug/l
 RT: 7.21 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: VN055676.D
 Acq: 20 May 2019 16:04

Tgt Ion: 42 Resp: 4939387

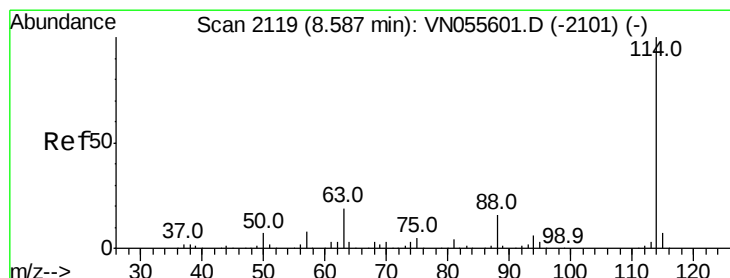
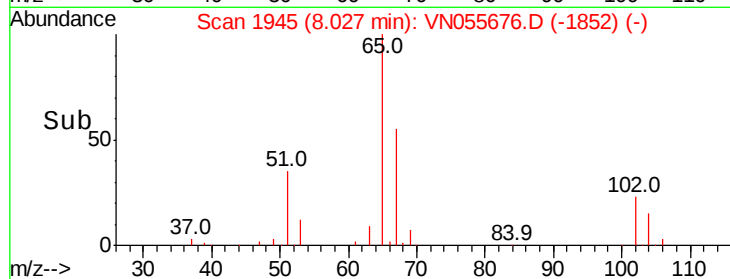
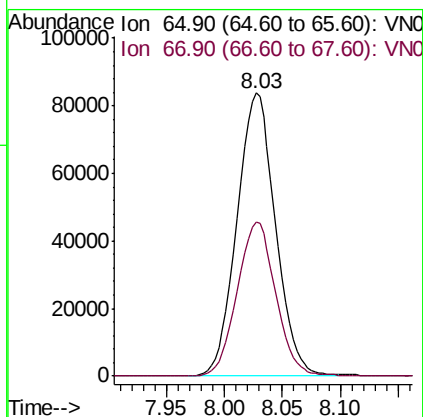
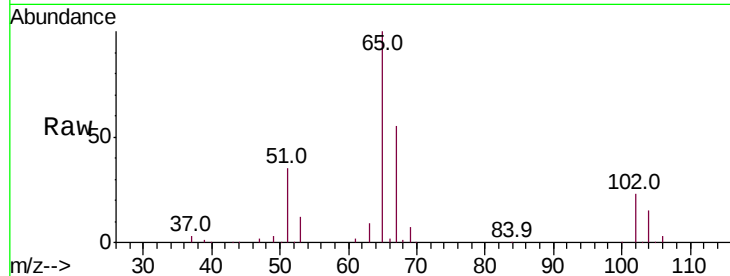
Ion	Ratio	Lower	Upper
42	100		
72	48.2	36.5	54.7
71	45.6	34.9	52.3





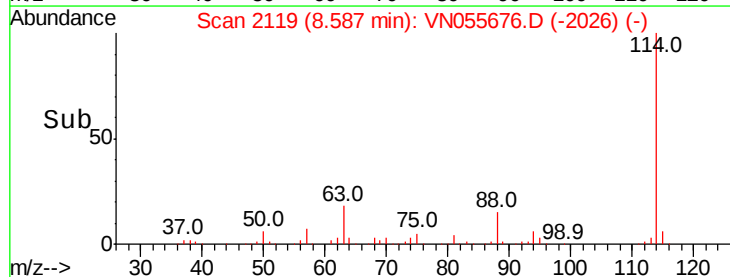
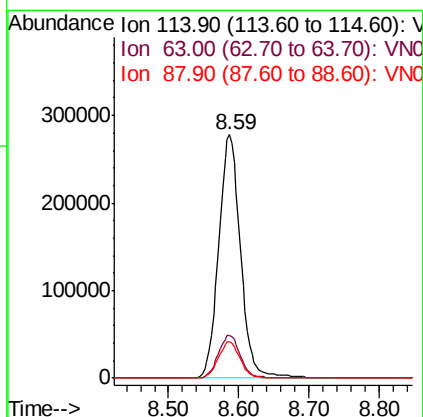
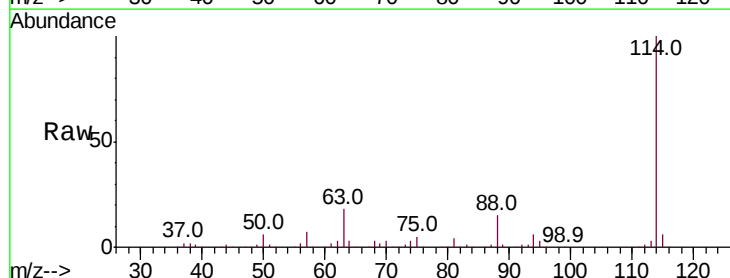
#33
 1,2-Dichloroethane-d4
 Concen: 41.512 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN055676.D
 Acq: 20 May 2019 16:04

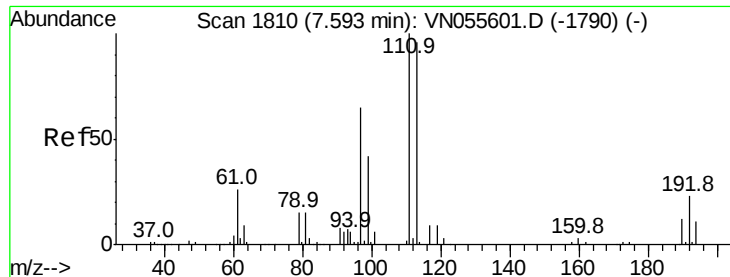
Tot Ion: 65 Resp: 193400
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055676.D
 Acq: 20 May 2019 16:04

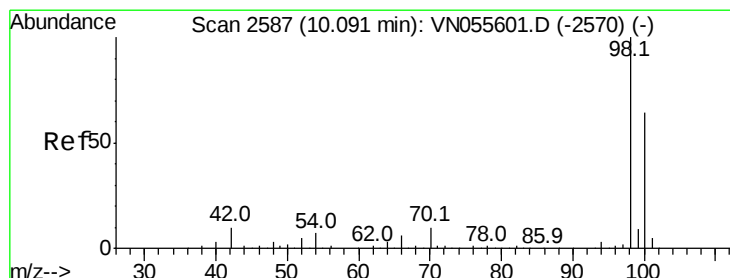
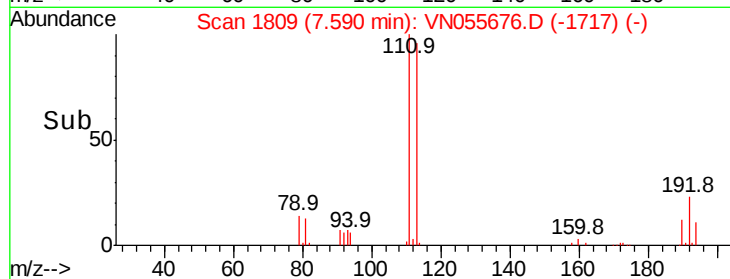
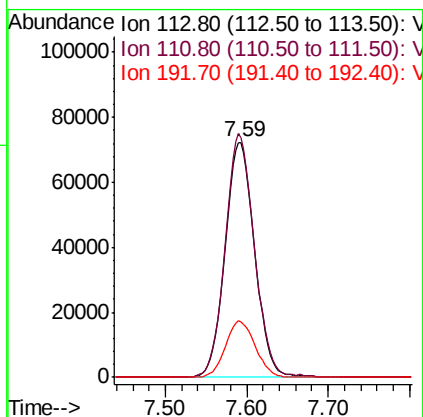
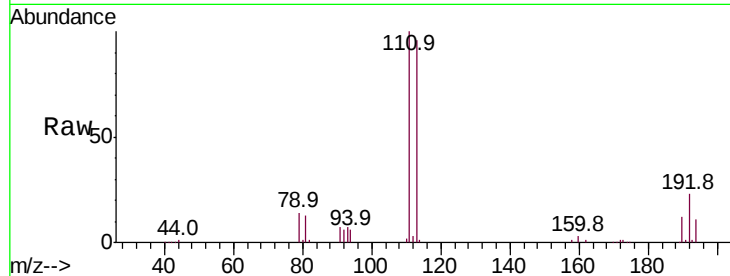
Tgt Ion: 114 Resp: 598389
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 38.2
 88 14.8 0.0 31.0





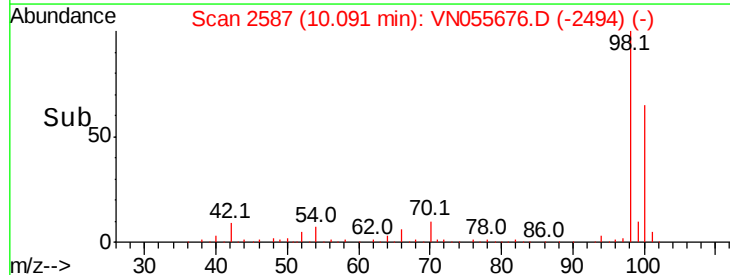
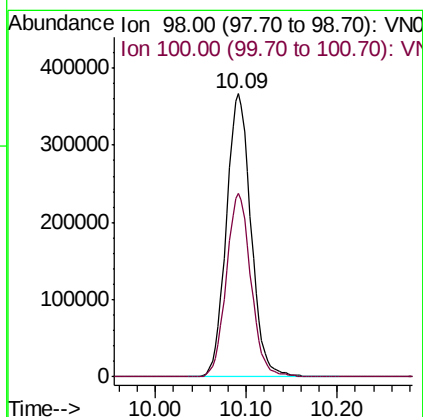
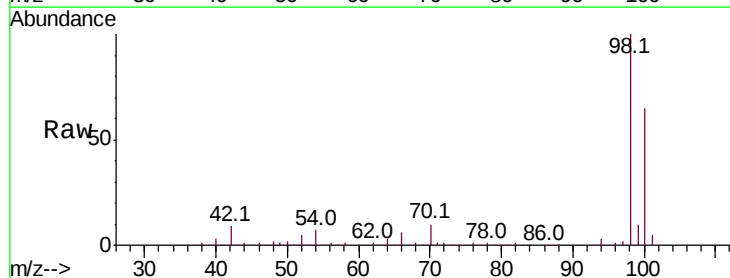
#35
 Dibromofluoromethane
 Concen: 48.404 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055676.D
 Acq: 20 May 2019 16:04

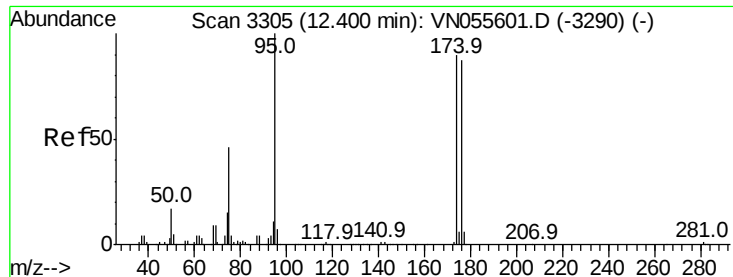
Tot Ion:113 Resp: 183993
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.5 123.7
 192 24.1 18.7 28.1



#50
 Toluene-d8
 Concen: 48.039 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055676.D
 Acq: 20 May 2019 16:04

Tgt Ion: 98 Resp: 690462
 Ion Ratio Lower Upper
 98 100
 100 64.7 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 43.193 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

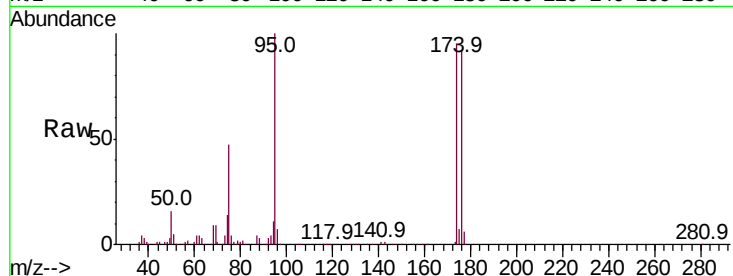
Tot Ion: 95 Resp: 214376

Ion Ratio Lower Upper

95 100

174 95.9 0.0 180.6

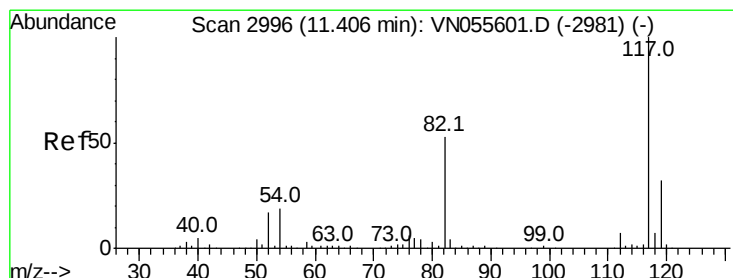
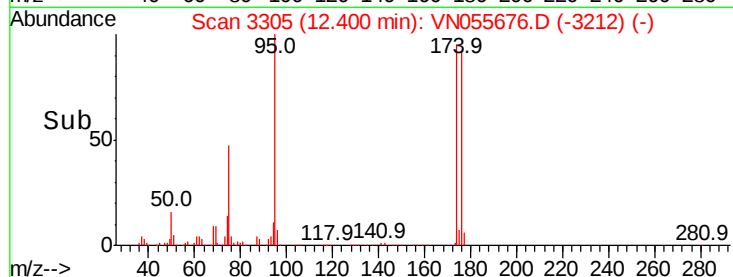
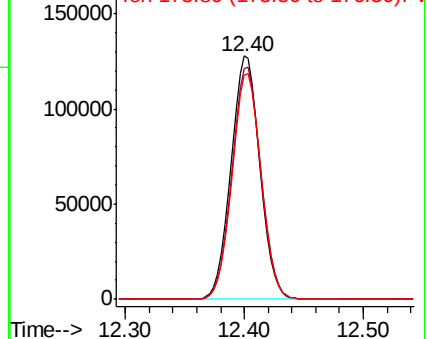
176 93.1 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055676.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN055676.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN055676.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

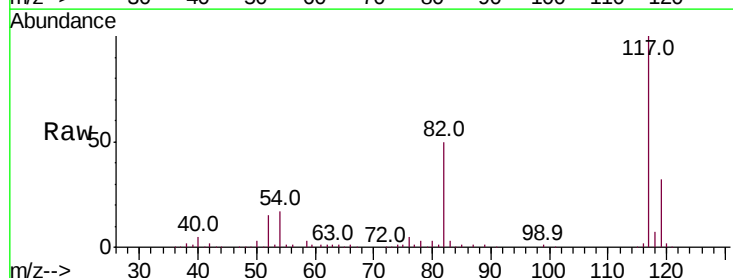
Tgt Ion: 117 Resp: 509760

Ion Ratio Lower Upper

117 100

82 50.1 42.3 63.5

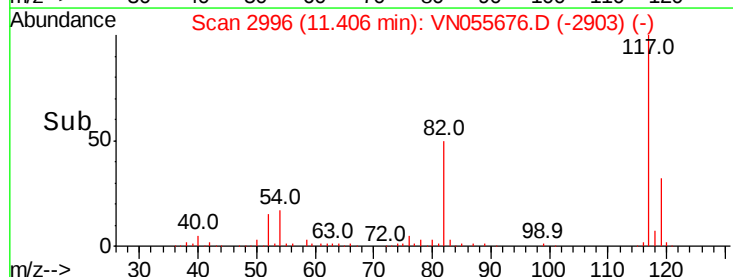
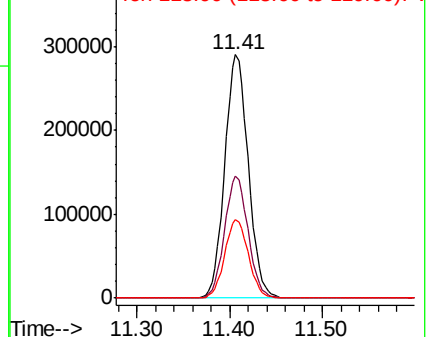
119 32.1 25.4 38.2

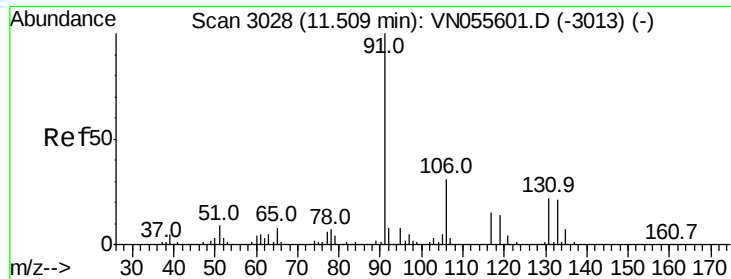


Abundance Ion 116.90 (116.60 to 117.60): VN055676.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN055676.D (-2981) (-)

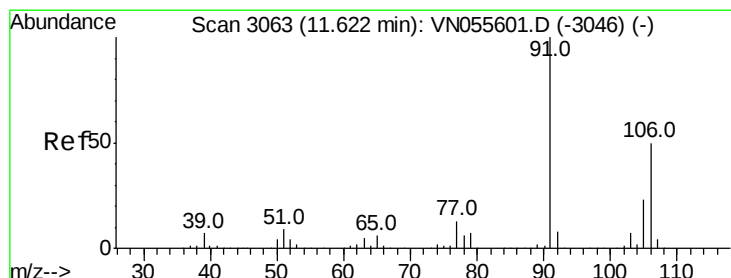
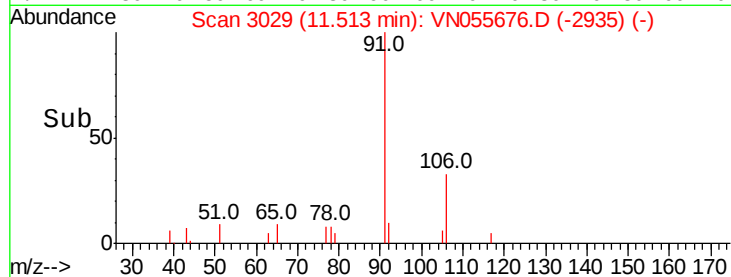
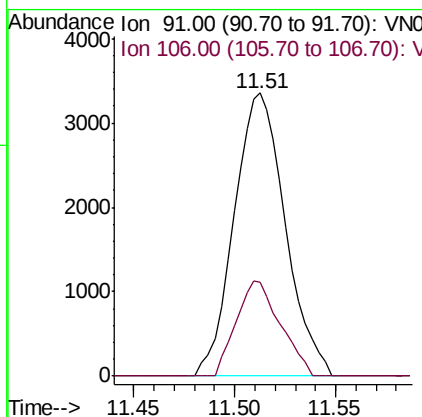
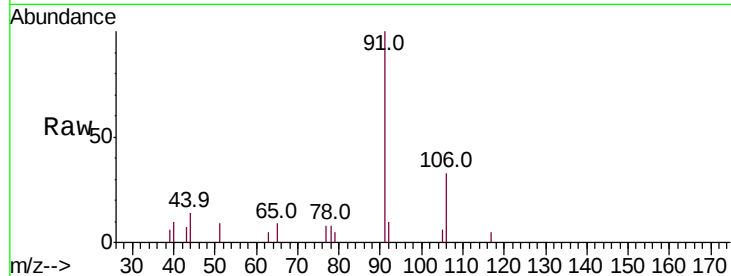
Ion 118.90 (118.60 to 119.60): VN055676.D (-2981) (-)





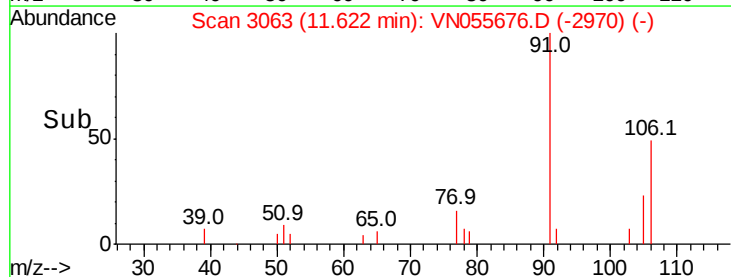
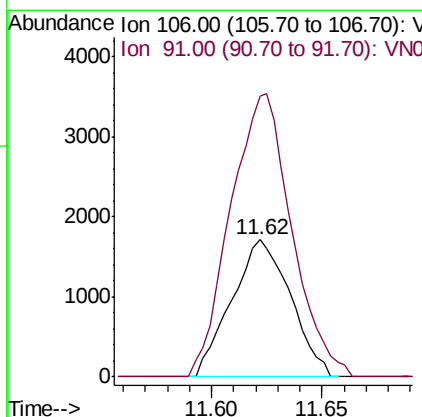
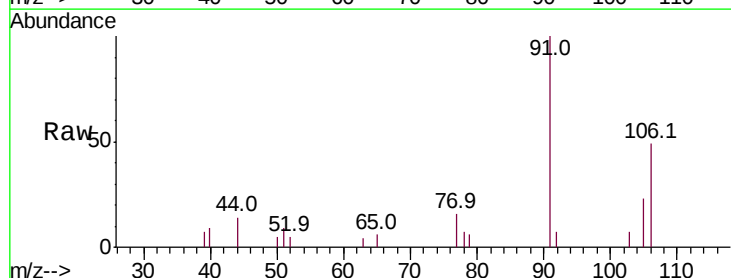
#67
Ethyl Benzene
Concen: 0.324 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

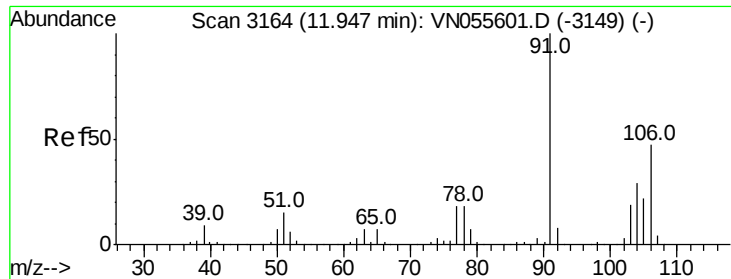
Tot Ion: 91 Resp: 5942
Ion Ratio Lower Upper
91 100
106 33.4 25.2 37.8



#68
m/p-Xylenes
Concen: 0.456 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

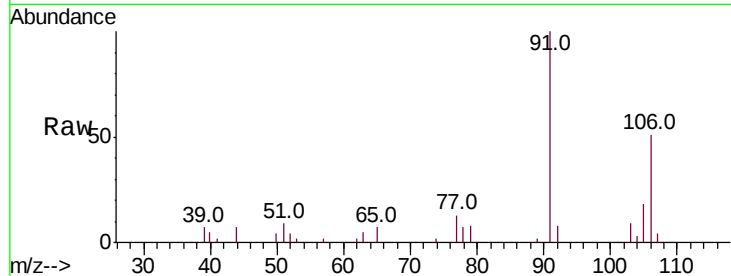
Tgt Ion: 106 Resp: 3163
Ion Ratio Lower Upper
106 100
91 215.0 160.5 240.7



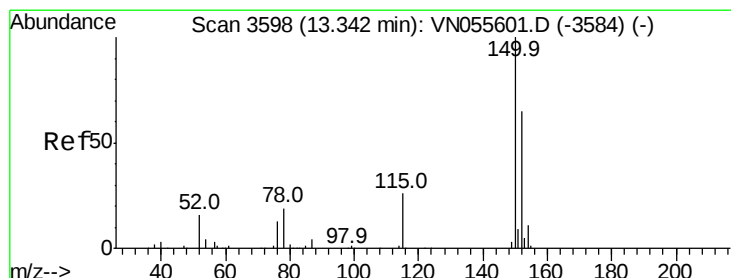
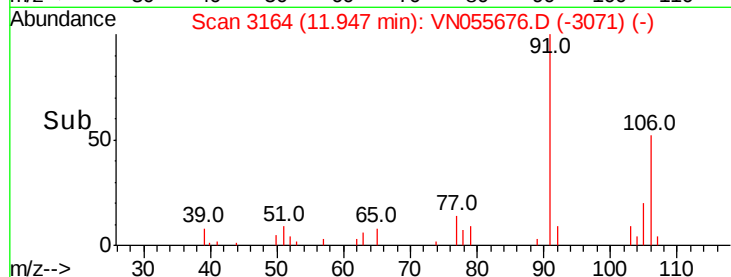
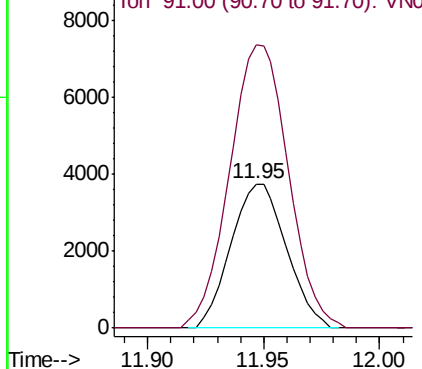


#69
o-Xylene
Concen: 0.916 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tot Ion:106 Resp: 6213
Ion Ratio Lower Upper
106 100
91 208.0 106.7 320.2

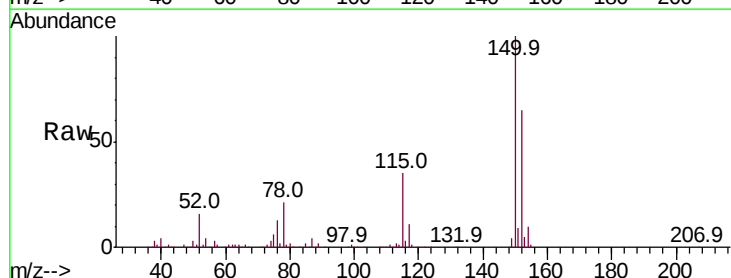


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:152 Resp: 182087
Ion Ratio Lower Upper
152 100
115 54.6 28.1 84.2
150 156.1 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

