

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053647.D
 Acq On : 7 Feb 2019 11:17
 Operator : JC/SP
 Sample : VN0207WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

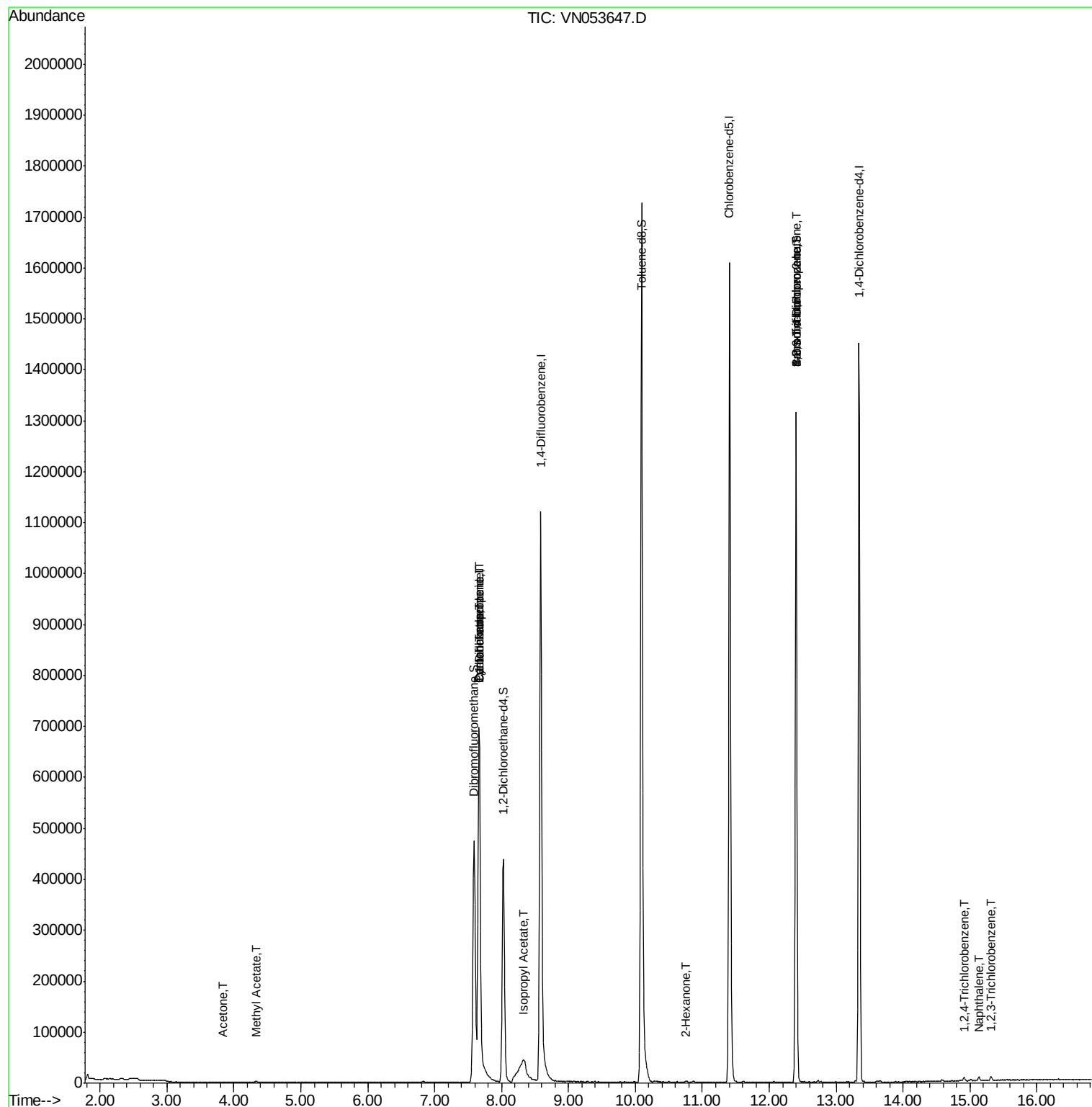
Quant Time: Feb 09 00:26:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

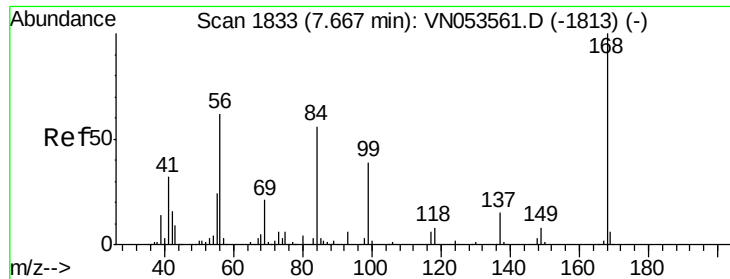
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	712537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1164856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1071237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	427306	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	375139	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
35) Dibromofluoromethane	7.59	113	373591	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	10.09	98	1404018	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
62) 4-Bromofluorobenzene	12.40	95	459725	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
Target Compounds						
					Qvalue	
16) Acetone	3.82	43	1616	0.881	ug/l	96
18) Methyl Acetate	4.34	43	3591	0.661	ug/l #	81
31) Cyclohexane	7.66	56	10232	0.679	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	41847	3.985	ug/l #	49
38) Carbon Tetrachloride	7.67	117	55877	5.282	ug/l #	16
43) Isopropyl Acetate	8.33	43	127775	11.282	ug/l #	51
59) 2-Hexanone	10.76	43	1474	0.390	ug/l	68
71) Bromoform	12.40	173	3365	0.618	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	215138	39.198	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	215138	110.222	ug/l #	15
93) 1,2,4-Trichlorobenzene	14.91	180	3120	0.390	ug/l	95
95) Naphthalene	15.14	128	6385	2.065	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	3917	0.528	ug/l	100

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 01 09:11:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053647.D

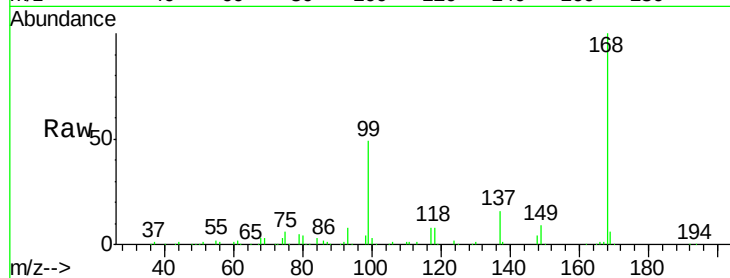
Acq: 7 Feb 2019 11:17

Tot Ion:168 Resp: 712537

Ion Ratio Lower Upper

168 100

99 48.5 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053647.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053647.D (-1740) (-)

7.66

300000

250000

200000

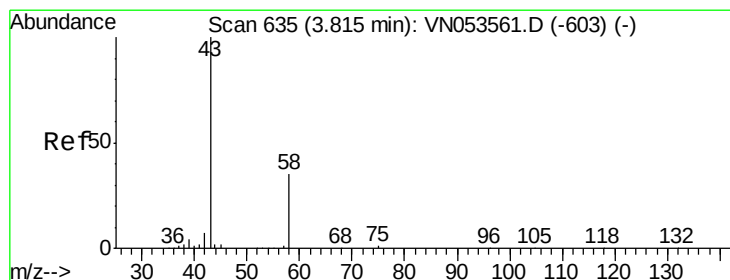
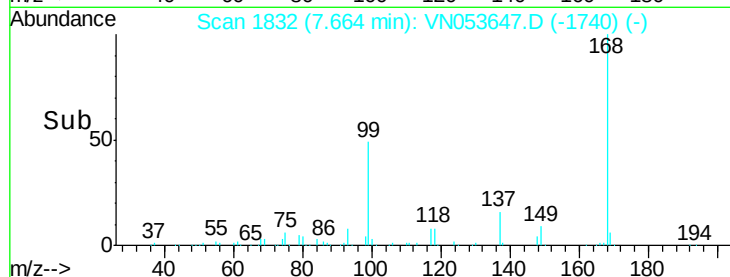
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 0.881 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053647.D

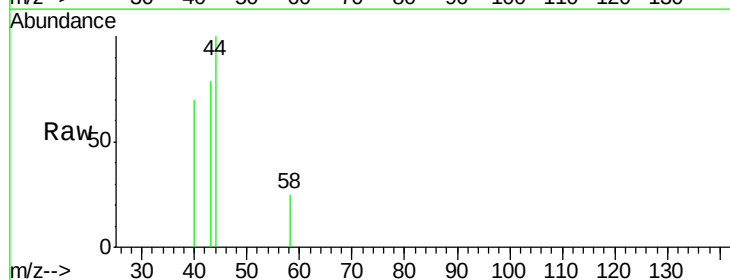
Acq: 7 Feb 2019 11:17

Tgt Ion: 43 Resp: 1616

Ion Ratio Lower Upper

43 100

58 31.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053647.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053647.D (-542) (-)

3.82

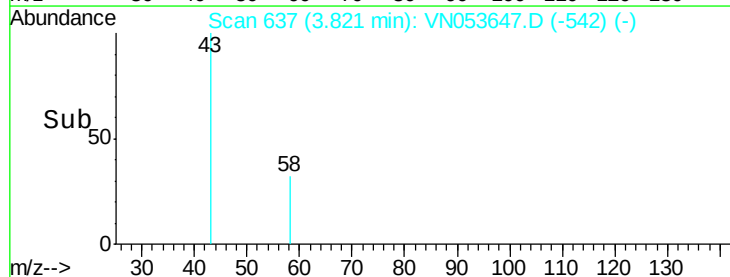
600

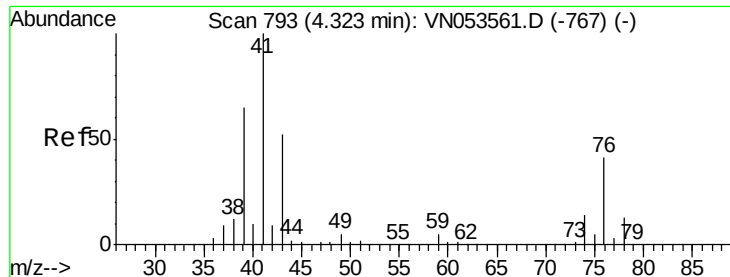
400

200

0

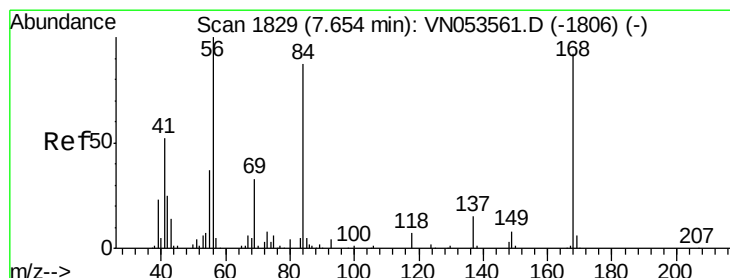
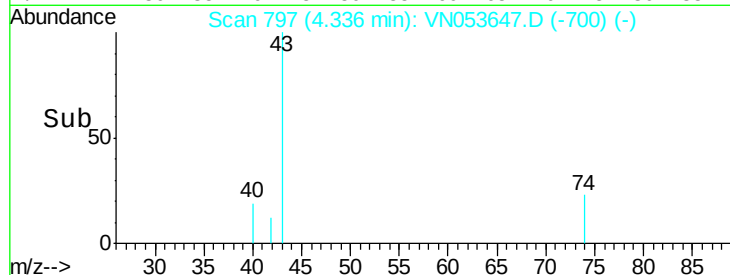
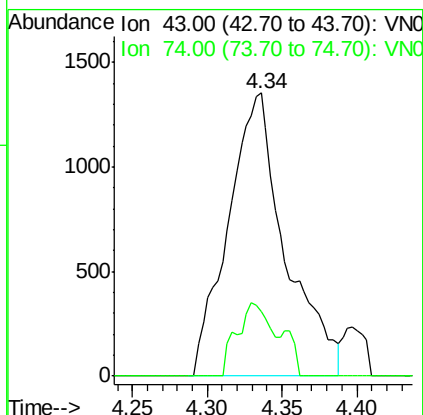
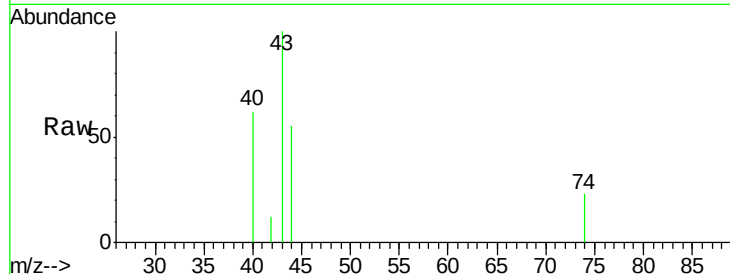
Time--> 3.75 3.80 3.85





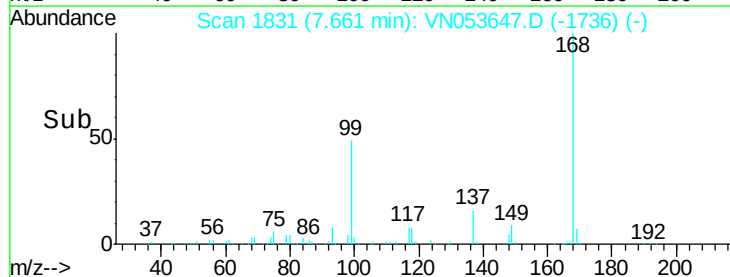
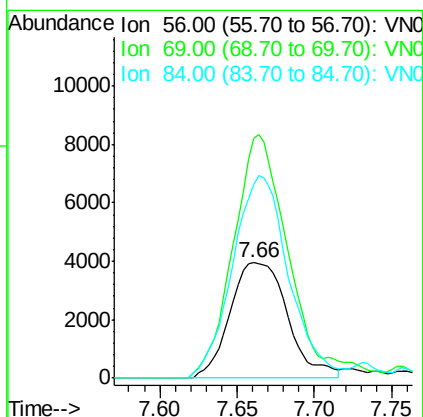
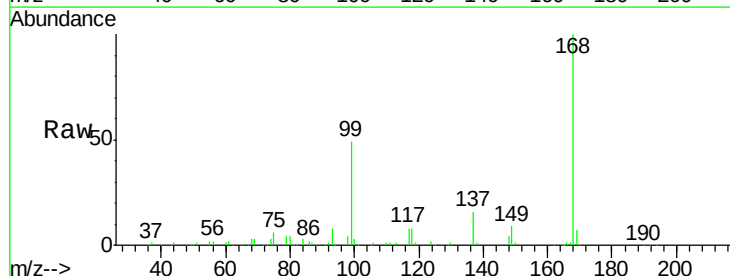
#18
Methvl Acetate
Concen: 0.661 ug/l
RT: 4.34 min Scan# 797
Delta R.T. 0.01 min
Lab File: VN053647.D
Acq: 7 Feb 2019 11:17

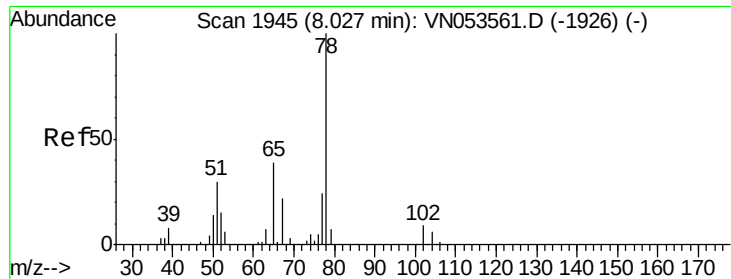
Tot Ion: 43 Resp: 3591
Ion Ratio Lower Upper
43 100
74 14.8 19.4 29.2#



#31
Cyclohexane
Concen: 0.679 ug/l
RT: 7.66 min Scan# 1831
Delta R.T. 0.01 min
Lab File: VN053647.D
Acq: 7 Feb 2019 11:17

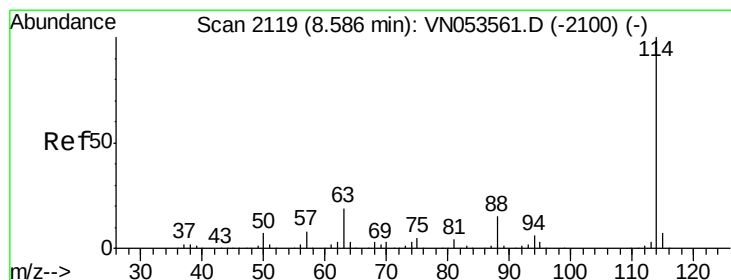
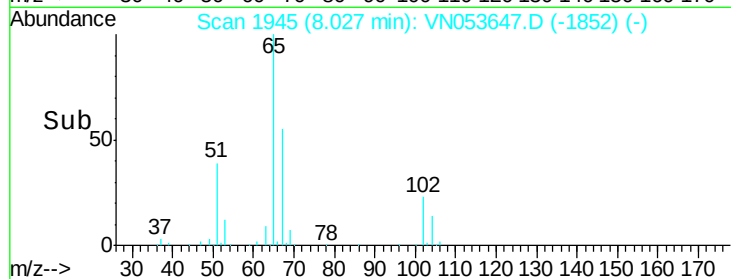
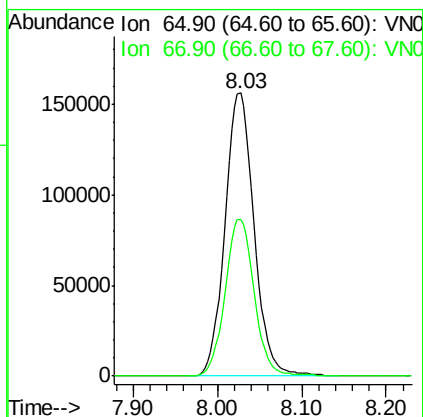
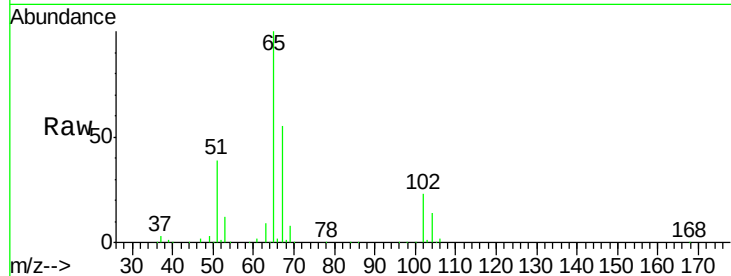
Tgt Ion: 56 Resp: 10232
Ion Ratio Lower Upper
56 100
69 208.1 26.4 39.6#
84 168.1 67.9 101.9#





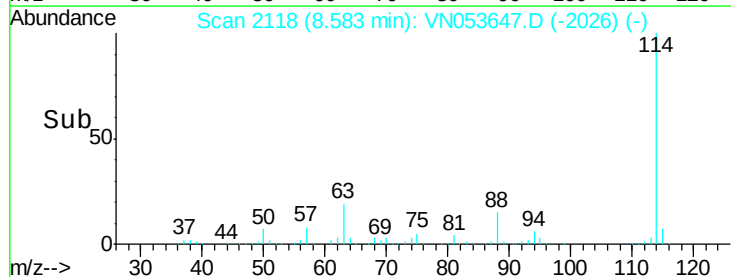
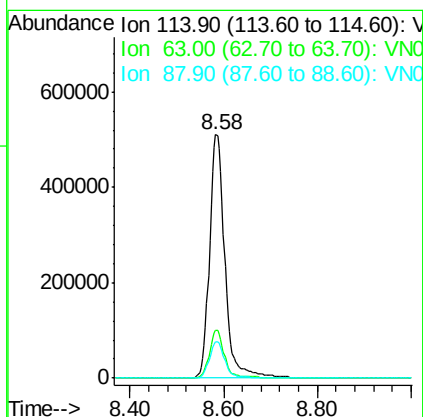
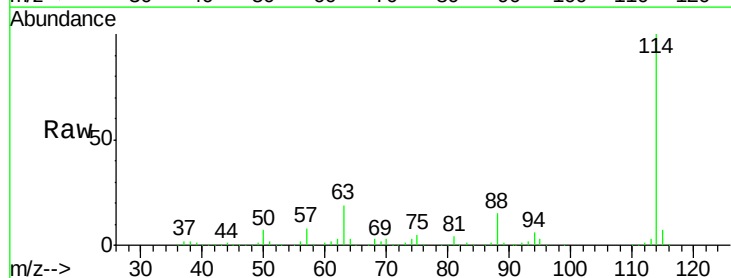
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053647.D
 Acq: 7 Feb 2019 11:17

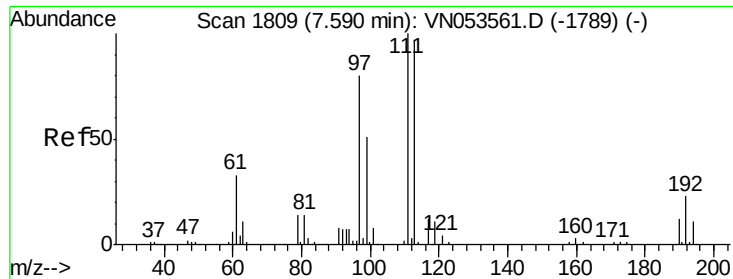
Tot Ion: 65 Resp: 375139
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053647.D
 Acq: 7 Feb 2019 11:17

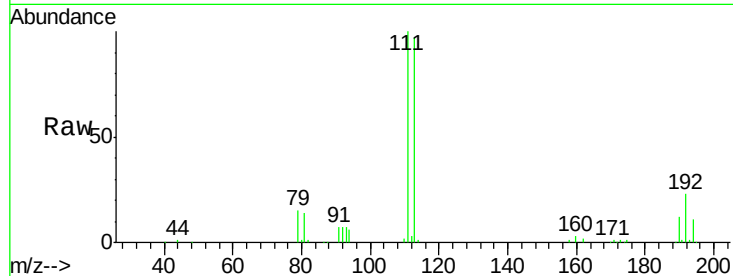
Tgt Ion: 114 Resp: 1164856
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 14.9 0.0 30.4



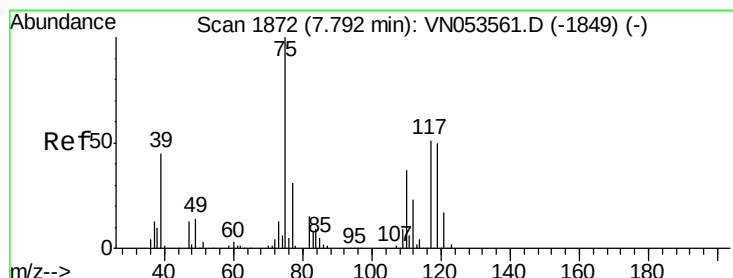
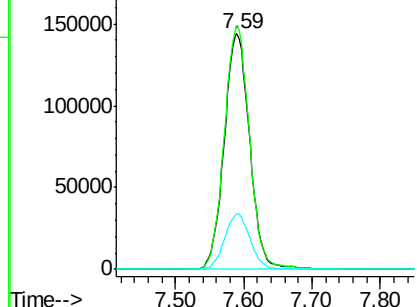
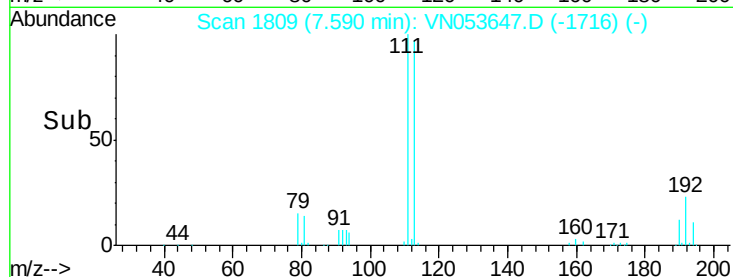


#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053647.D
 Acq: 7 Feb 2019 11:17

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.1	121.7
192	23.5	18.2	27.2

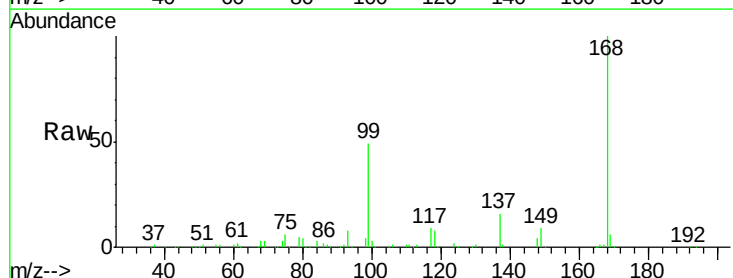


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

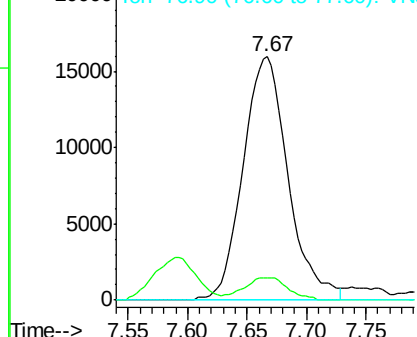
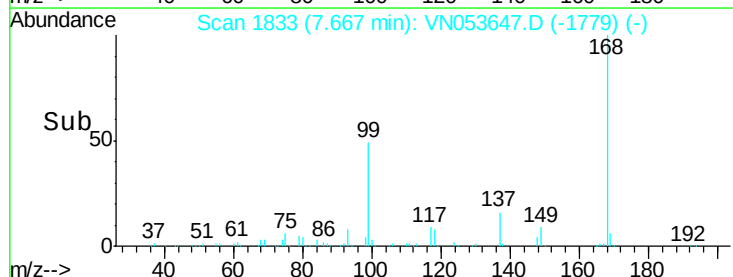


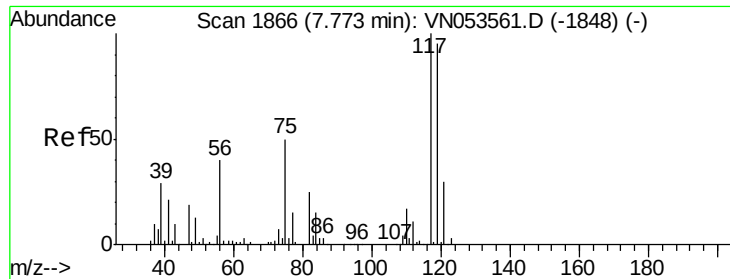
#36
 1,1-Dichloropropene
 Concen: 3.985 ug/l
 RT: 7.67 min Scan# 1833
 Delta R.T. -0.13 min
 Lab File: VN053647.D
 Acq: 7 Feb 2019 11:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	25.1	37.7#



Abundance Ion 74.90 (74.60 to 75.60): VNO
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VNO





#38

Carbon Tetrachloride

Concen: 5.282 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN053647.D

Acq: 7 Feb 2019 11:17

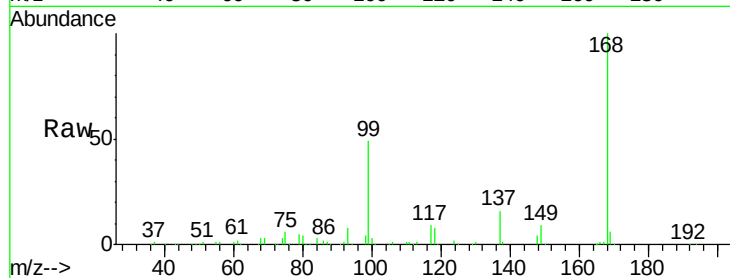
Tot Ion: 117 Resp: 55877

Ion Ratio Lower Upper

117 100

119 5.7 77.2 115.8#

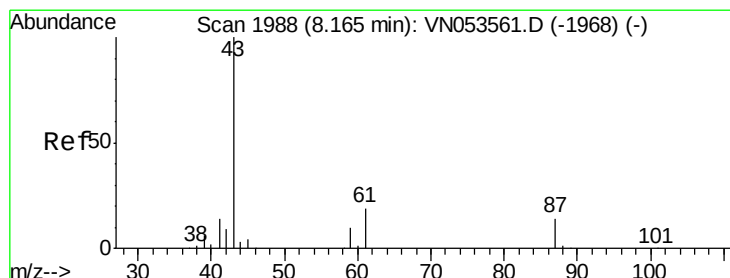
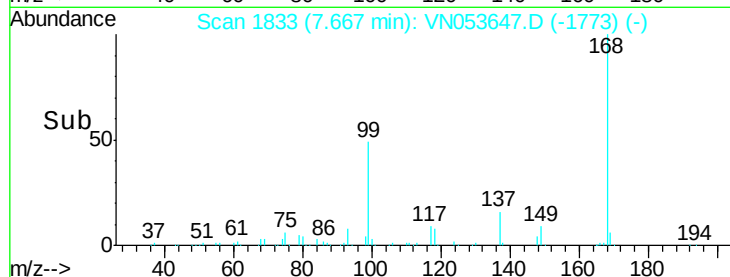
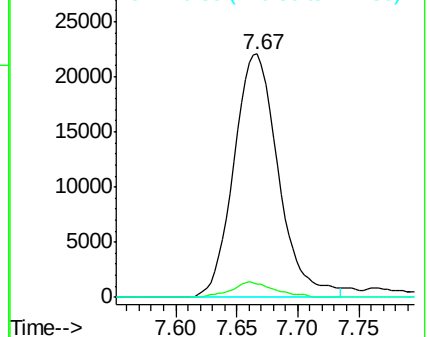
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 11.282 ug/l

RT: 8.33 min Scan# 2038

Delta R.T. 0.16 min

Lab File: VN053647.D

Acq: 7 Feb 2019 11:17

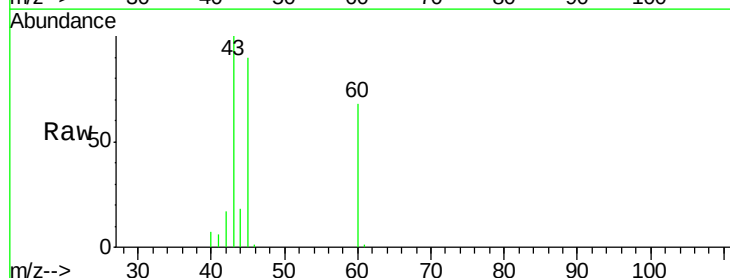
Tgt Ion: 43 Resp: 127775

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

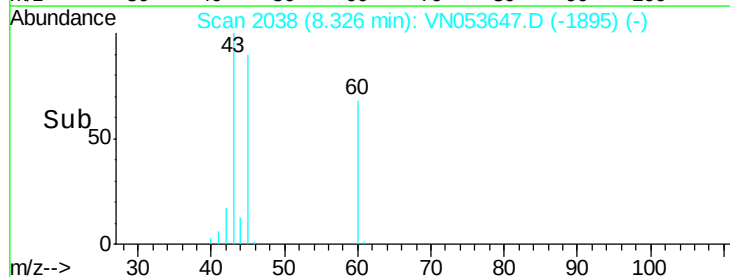
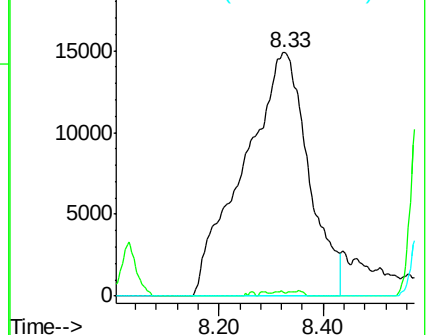
87 0.0 11.0 16.6#

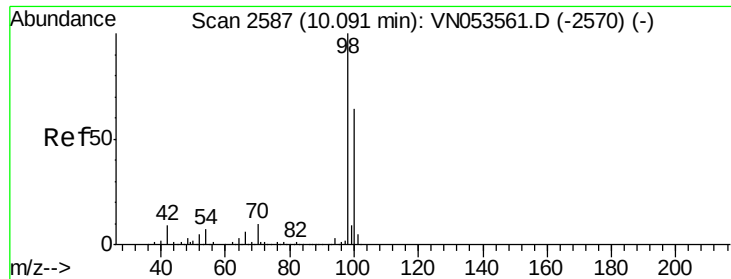


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

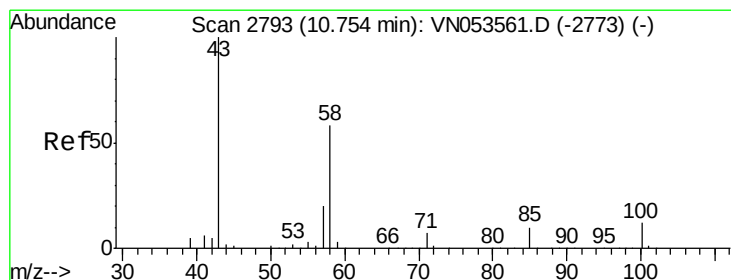
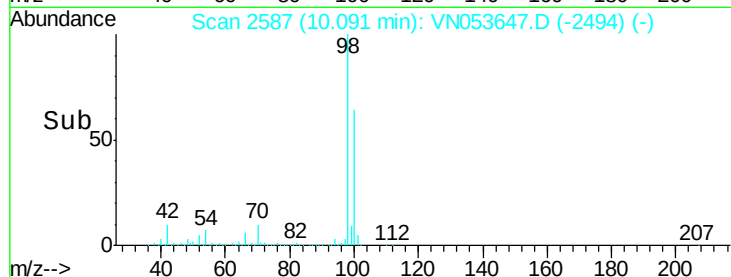
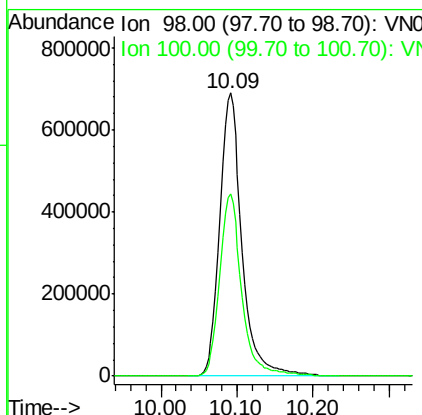
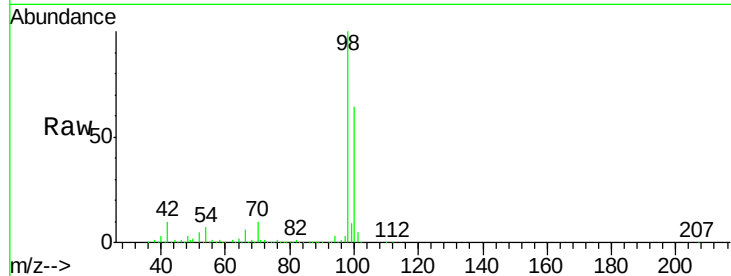
Ion 87.00 (86.70 to 87.70): V





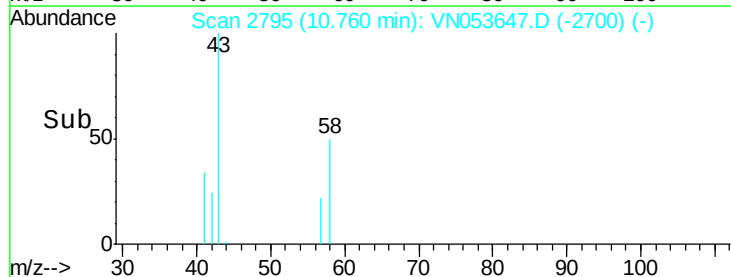
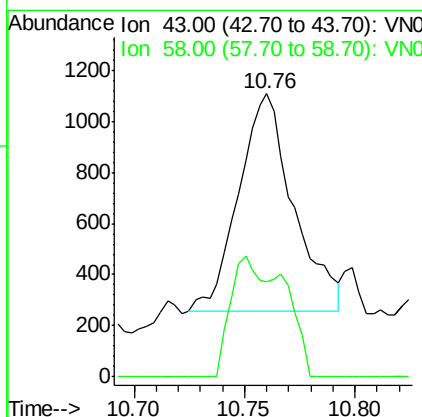
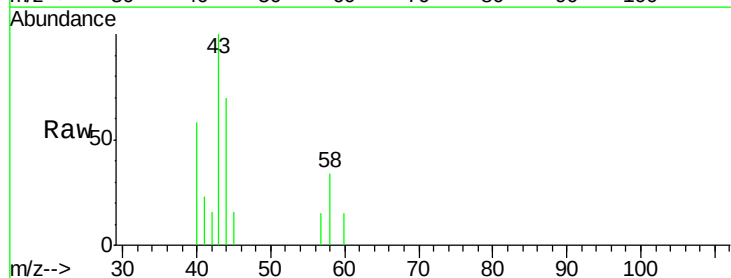
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053647.D
Acq: 7 Feb 2019 11:17

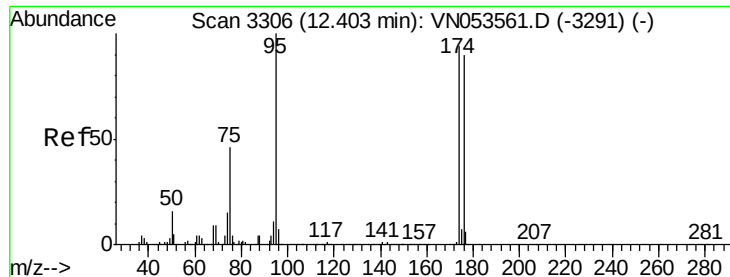
Tot Ion: 98 Resp: 1404018
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#59
2-Hexanone
Concen: 0.390 ug/l
RT: 10.76 min Scan# 2795
Delta R.T. 0.01 min
Lab File: VN053647.D
Acq: 7 Feb 2019 11:17

Tgt Ion: 43 Resp: 1474
Ion Ratio Lower Upper
43 100
58 33.8 28.6 85.8





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053647.D

Acq: 7 Feb 2019 11:17

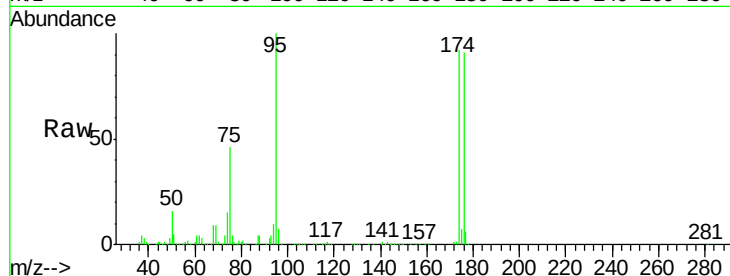
Tot Ion: 95 Resp: 459725

Ion Ratio Lower Upper

95 100

174 93.8 0.0 183.2

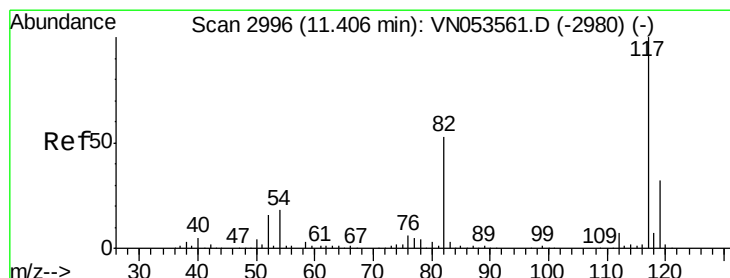
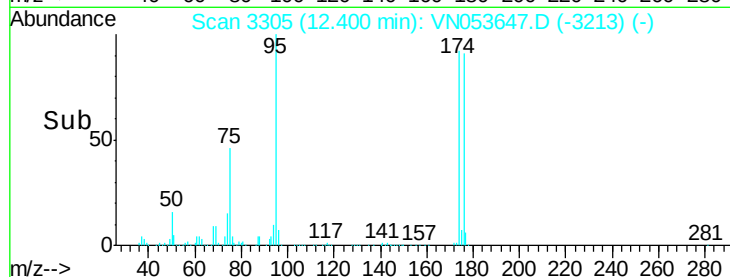
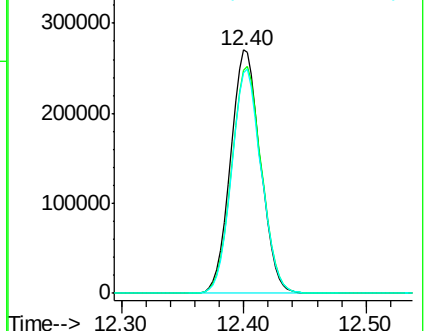
176 91.6 0.0 177.4



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: VN053647.D

Acq: 7 Feb 2019 11:17

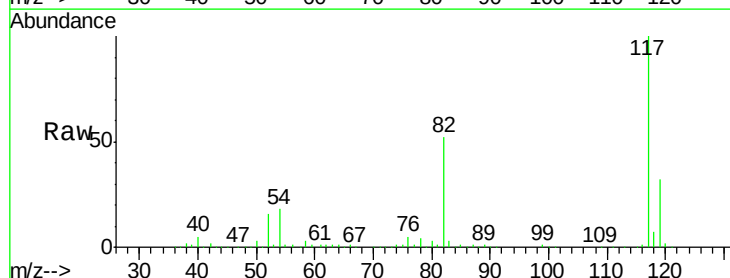
Tgt Ion: 117 Resp: 1071237

Ion Ratio Lower Upper

117 100

82 52.1 42.9 64.3

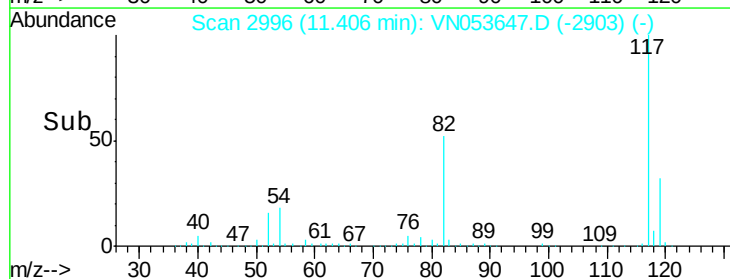
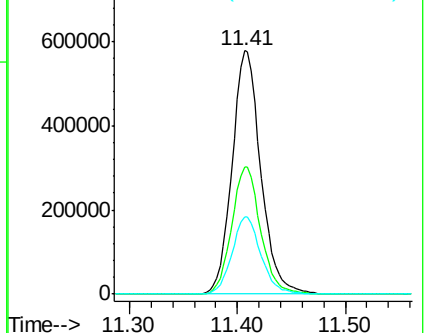
119 31.9 26.0 39.0

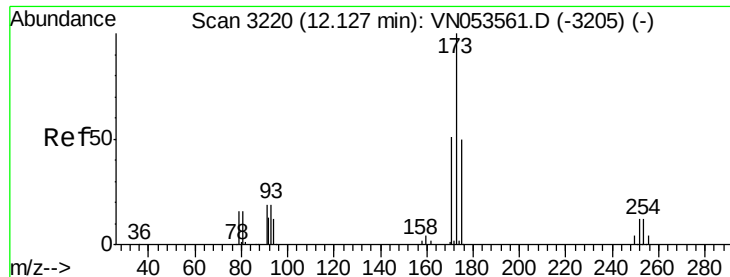


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#71

Bromoform

Concen: 0.618 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN053647.D

Acq: 7 Feb 2019 11:17

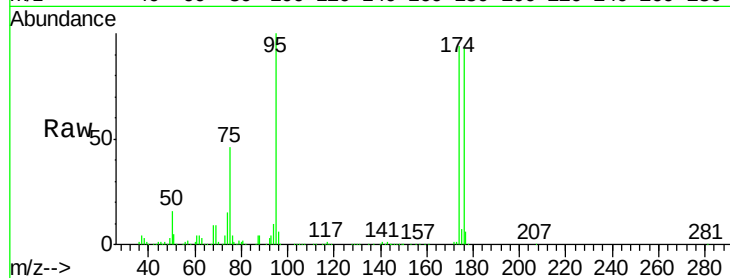
Tot Ion:173 Resp: 3365

Ion Ratio Lower Upper

173 100

175 825.3 24.6 74.0#

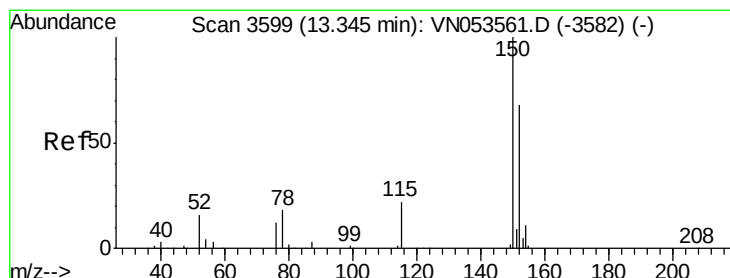
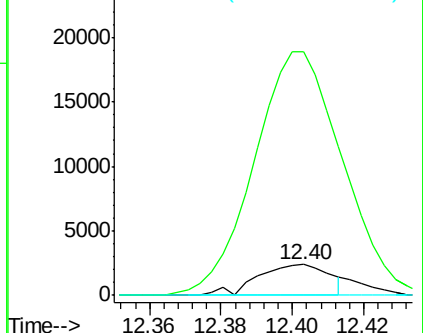
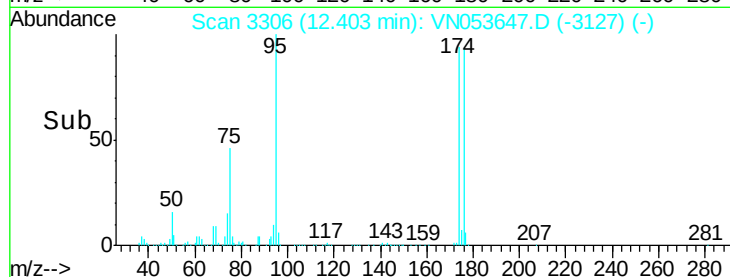
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN053647.D

Acq: 7 Feb 2019 11:17

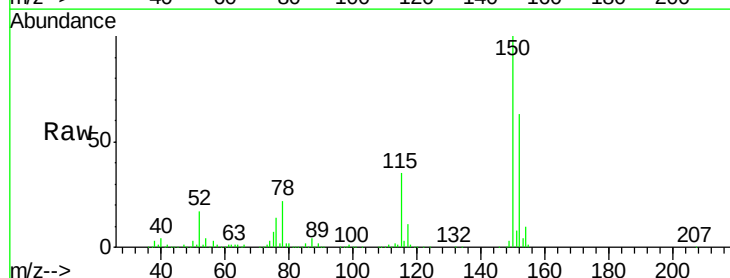
Tgt Ion:152 Resp: 427306

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

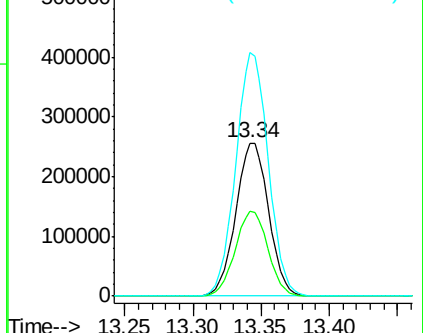
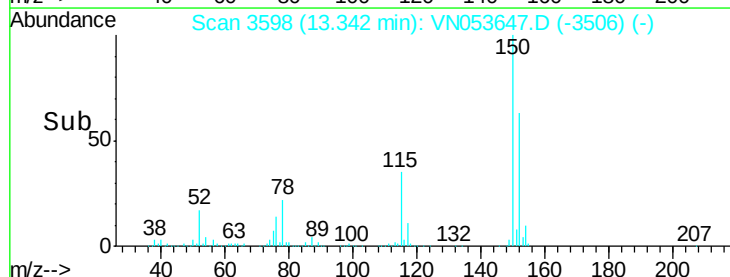
150 157.4 0.0 349.0

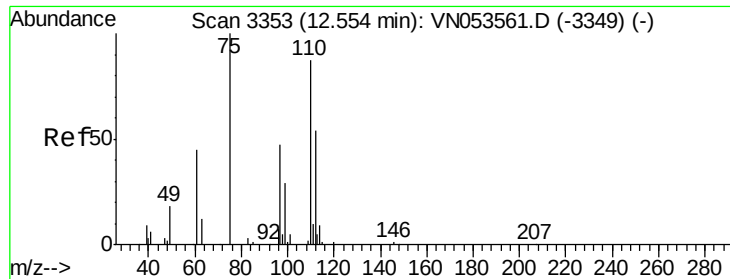


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

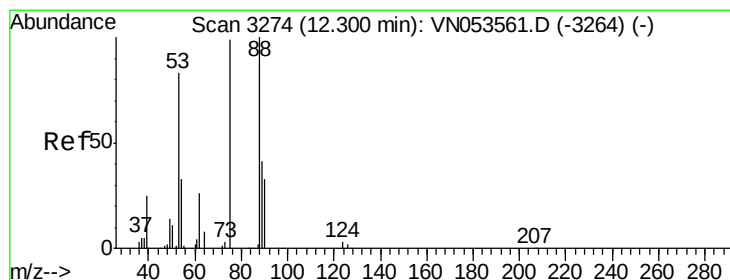
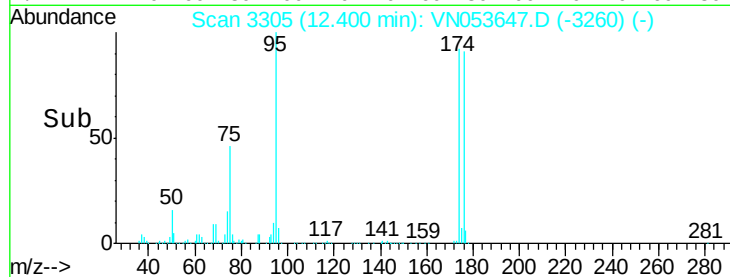
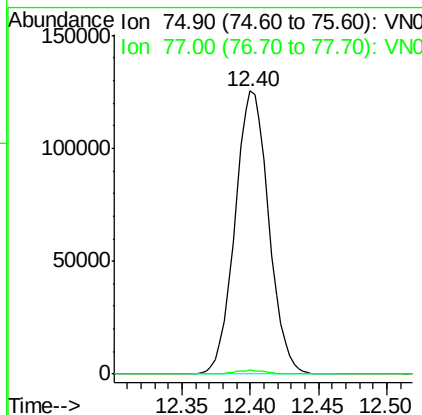
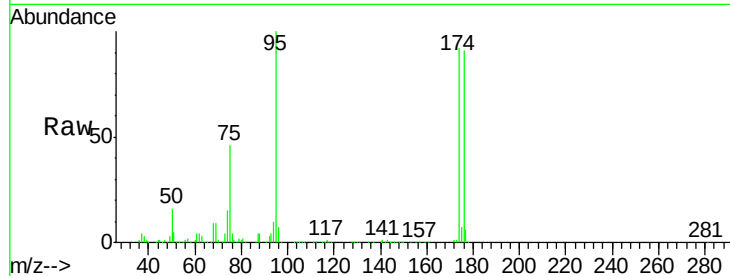




#76

1,2,3-Trichloropropane
 Concen: 39.198 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN053647.D
 Acq: 7 Feb 2019 11:17

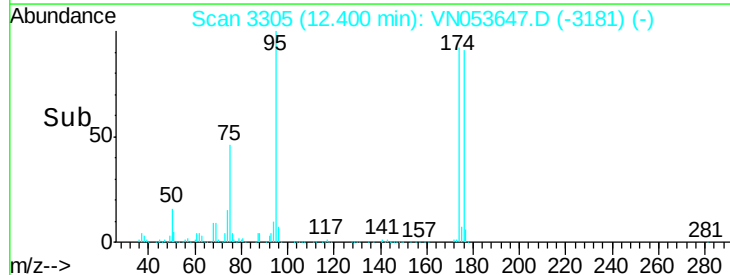
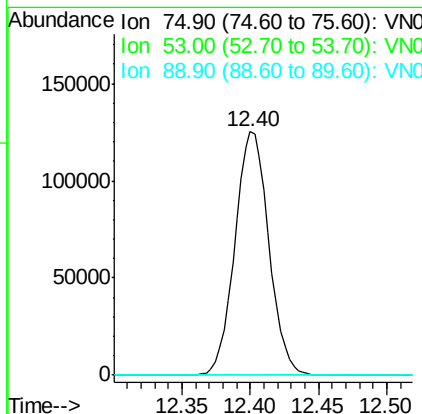
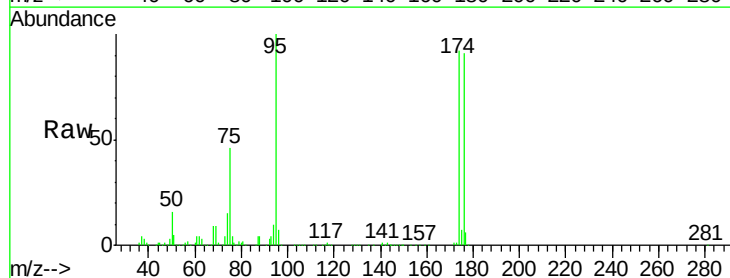
Tot Ion	75	Resp	215138
Ion Ratio	100	Lower	Upper
77	1.3	0.0	0.0#

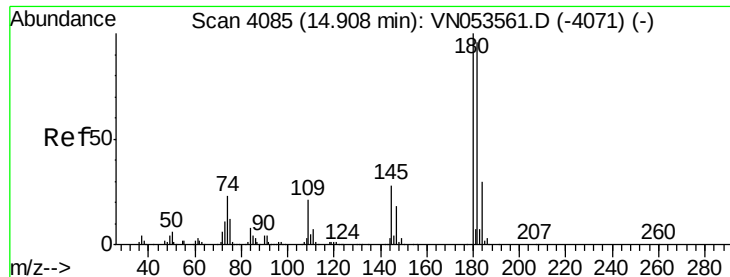


#81

trans-1,4-Dichloro-2-butene
 Concen: 110.222 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.10 min
 Lab File: VN053647.D
 Acq: 7 Feb 2019 11:17

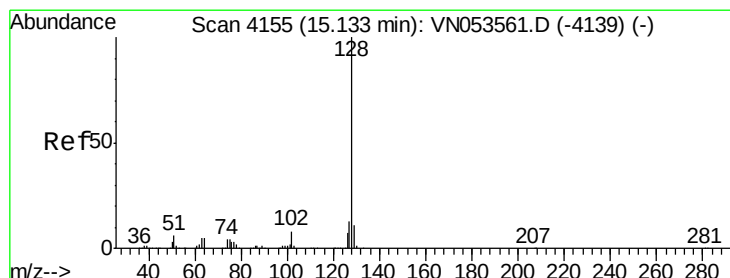
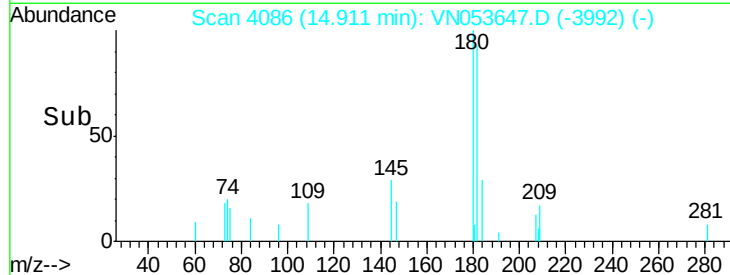
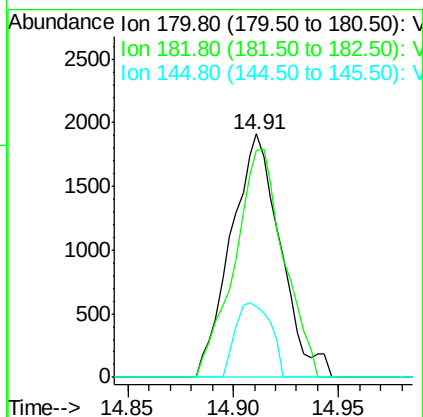
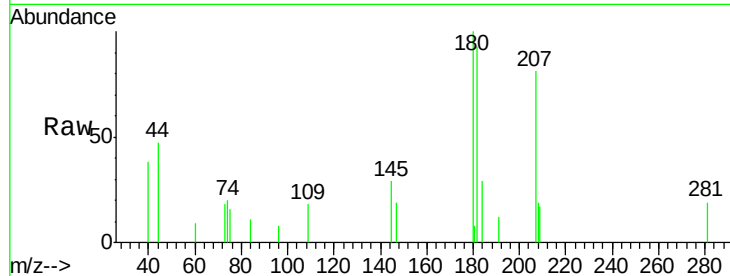
Tgt Ion	75	Resp	215138
Ion Ratio	100	Lower	Upper
53	0.0	69.8	104.6#
89	0.0	35.6	53.4#





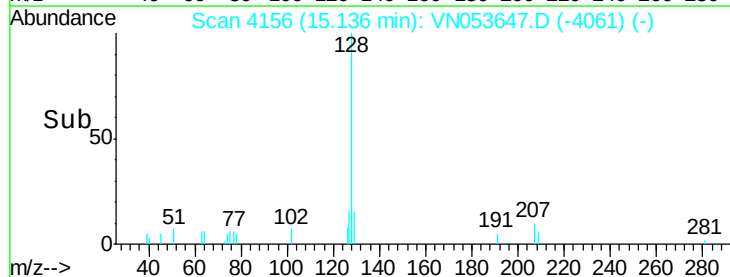
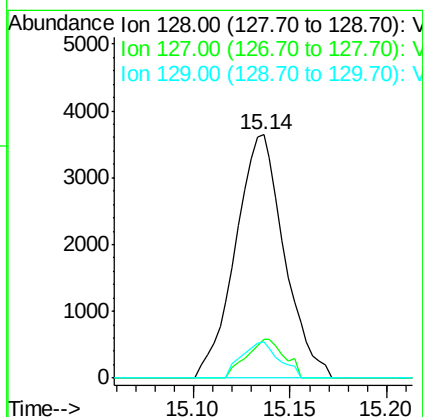
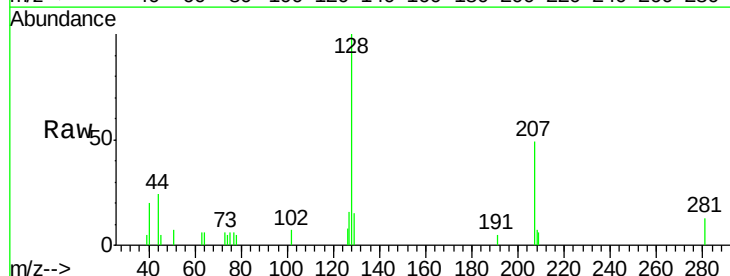
#93
 1,2,4-Trichlorobenzene
 Concen: 0.390 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053647.D
 Acq: 7 Feb 2019 11:17

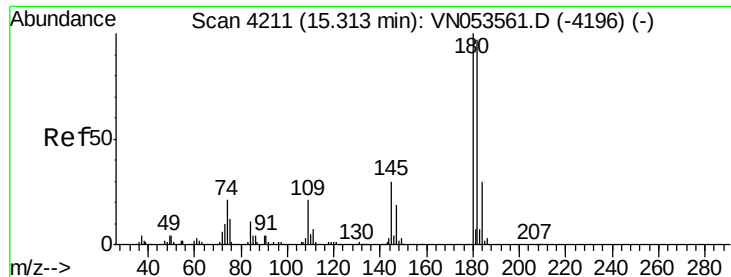
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	48.1	144.3
145	21.9	13.9	41.6



#95
 Naphthalene
 Concen: 2.065 ug/l
 RT: 15.14 min Scan# 4156
 Delta R.T. 0.00 min
 Lab File: VN053647.D
 Acq: 7 Feb 2019 11:17

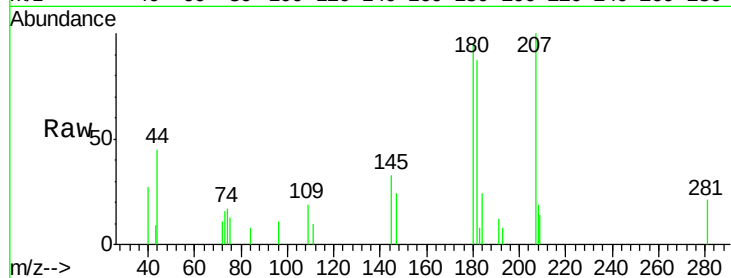
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	11.3	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.528 ug/l
 RT: 15.31 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: VN053647.D
 Acq: 7 Feb 2019 11:17

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.8
145	29.7	14.7	44.1



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

