

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 04:38:00 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						
					Qvalue	
4) Vinyl Chloride	1.99	62	973	0.206	ug/l #	42
11) Tert butyl alcohol	4.75	59	4136	4.761	ug/l #	74
13) Acrolein	3.81	56	538	2.569	ug/l #	1
16) Acetone	3.81	43	2680766	1410.007	ug/l	98
18) Methyl Acetate	4.33	43	997	0.245	ug/l #	33
20) Methylene Chloride	4.56	84	2092	0.482	ug/l #	75
25) 2-Butanone	6.83	43	5343782	2010.190	ug/l	98
28) Bromochloromethane	7.21	49	8580	2.709	ug/l #	7
29) Tetrahydrofuran	7.21	42	4939387	2804.584	ug/l	96
31) Cyclohexane	7.67	56	6481	0.938	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	24597	4.611	ug/l #	48
37) Ethyl Acetate	6.83	43	5344685	1110.191	ug/l #	67
38) Carbon Tetrachloride	7.66	117	34827	6.109	ug/l #	15
41) Methacrylonitrile	7.21	41	2697807	1310.732	ug/l #	100
43) Isopropyl Acetate	8.22	43	18857	2.252	ug/l #	53
51) 4-Methyl-2-Pentanone	9.99	43	1510	0.307	ug/l	92
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
71) Bromoform	12.40	173	1319	0.375	ug/l #	1
73) Isopropylbenzene	12.25	105	278	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.40	75	97669	26.287	ug/l #	100
79) 2-Chlorotoluene	12.68	91	247	Below Cal	#	39
80) 1,3,5-Trimethylbenzene	12.73	105	906	Below Cal		81
81) trans-1,4-Dichloro-2-buten	12.40	75	97669	67.572	ug/l #	17
83) tert-Butylbenzene	12.99	119	60	Below Cal	#	28
84) 1,2,4-Trimethylbenzene	13.04	105	555	Below Cal		76
85) sec-Butylbenzene	13.17	105	457	Below Cal	#	56
86) p-Isopropyltoluene	13.29	119	469	Below Cal	#	51
90) Hexachloroethane	14.00	117	211	Below Cal	#	3
94) Hexachlorobutadiene	15.01	225	62	Below Cal	#	18
95) Naphthalene	15.14	128	2153	1.984	ug/l #	76

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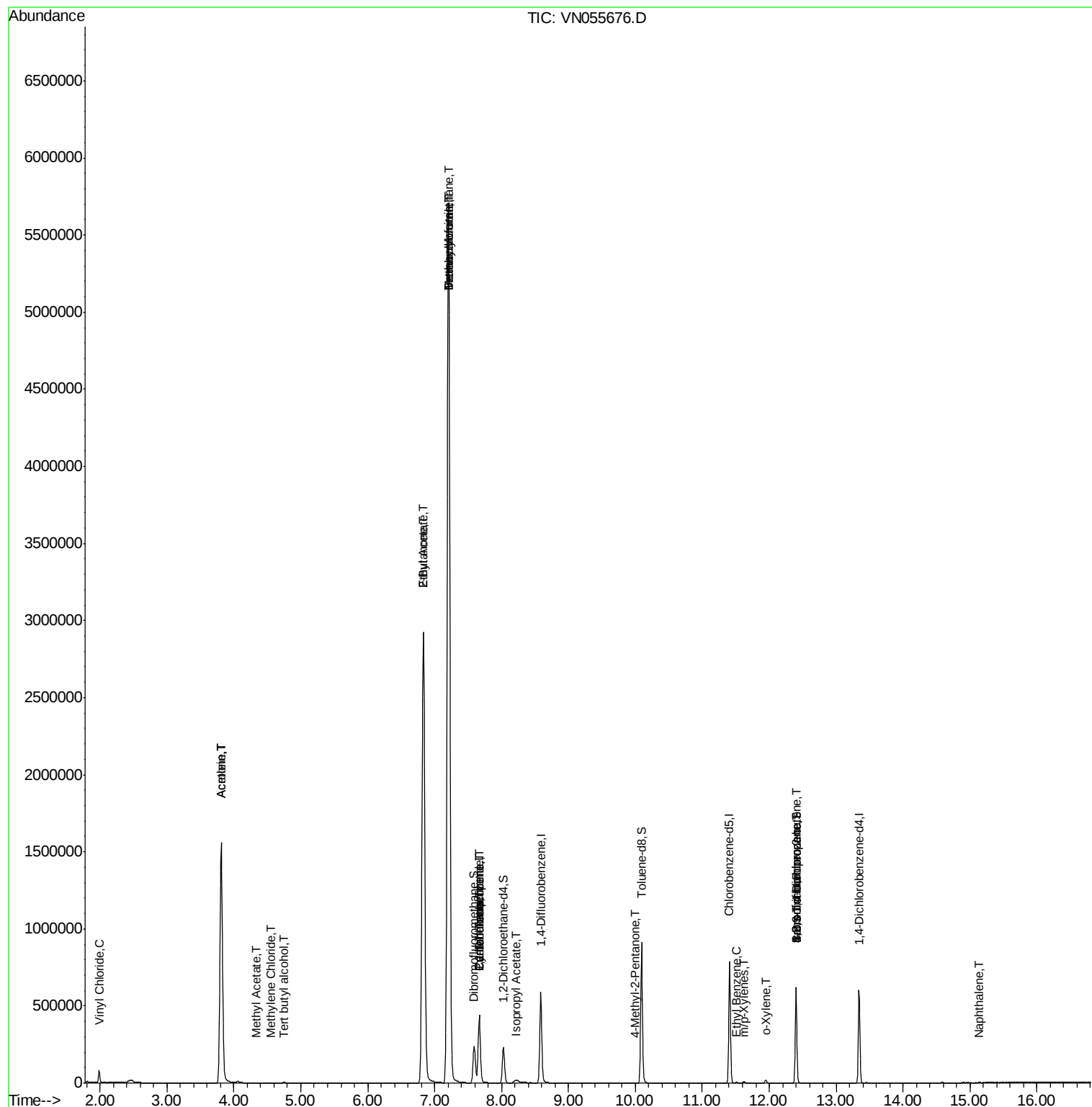
Quant Time: May 21 04:38:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
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QLast Update : Fri May 17 23:54:12 2019
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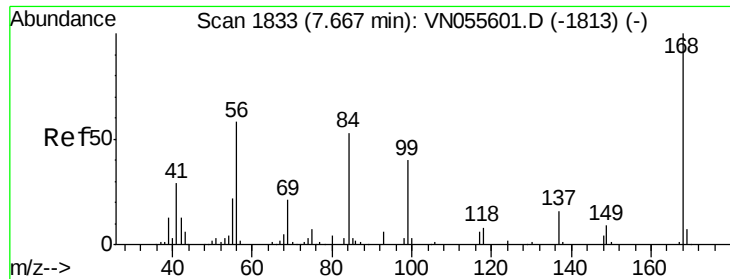
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#)=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

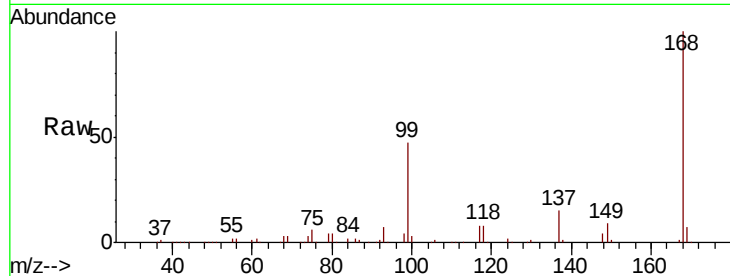
Acq: 20 May 2019 16:04

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): VN055676.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055676.D (-1740) (-)

7.67

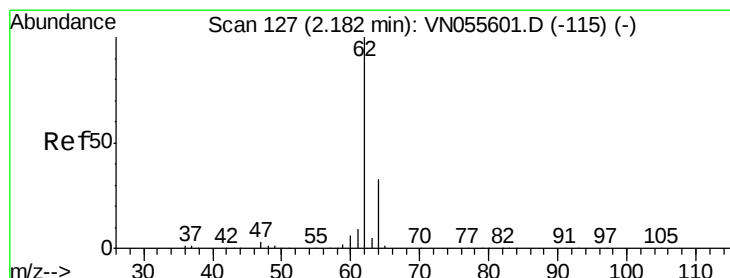
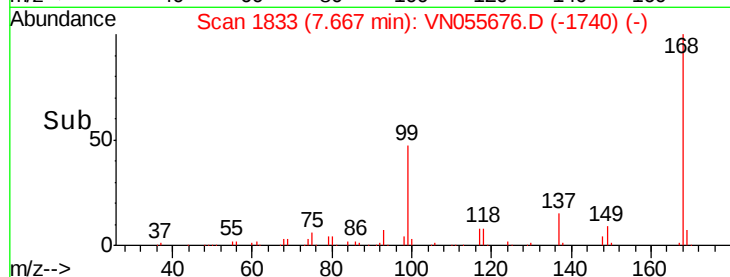
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#4

Vinyl Chloride

Concen: 0.206 ug/l

RT: 1.99 min Scan# 66

Delta R.T. -0.20 min

Lab File: VN055676.D

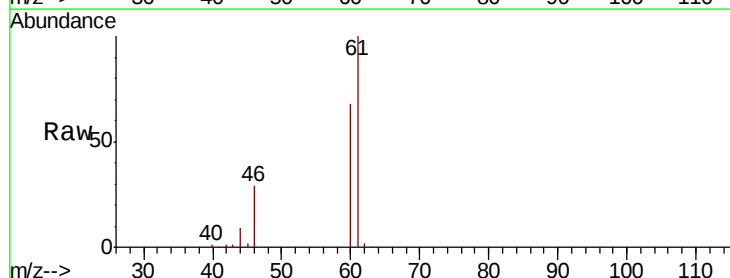
Acq: 20 May 2019 16:04

Tgt Ion: 62 Resp: 973

Ion Ratio Lower Upper

62 100

64 0.0 26.2 39.4#



Abundance Ion 61.90 (61.60 to 62.60): VN055676.D (-34) (-)

Ion 63.90 (63.60 to 64.60): VN055676.D (-34) (-)

1.99

800

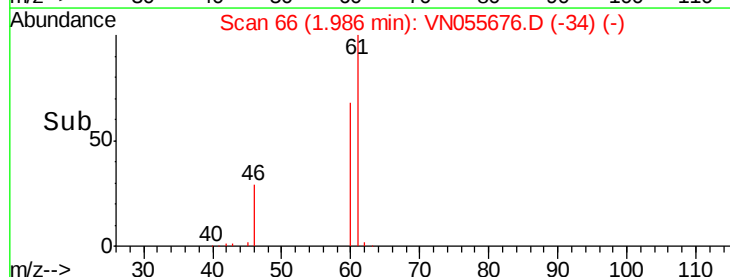
600

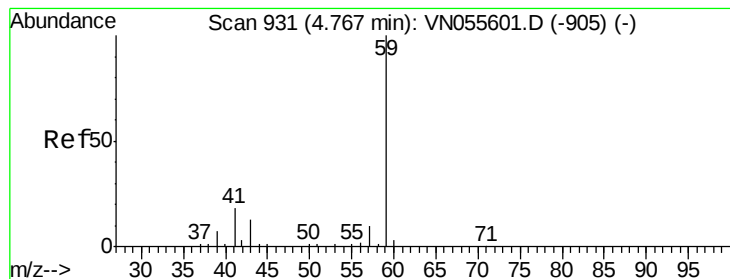
400

200

0

Time--> 1.96 1.98 2.00 2.02

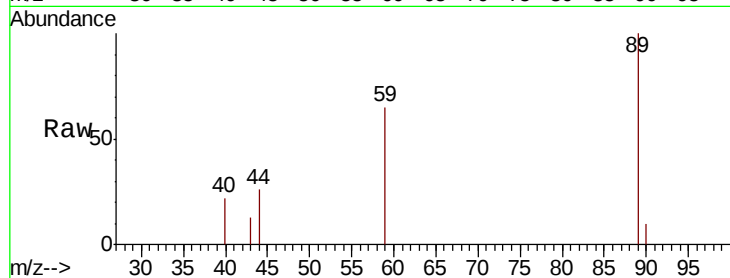




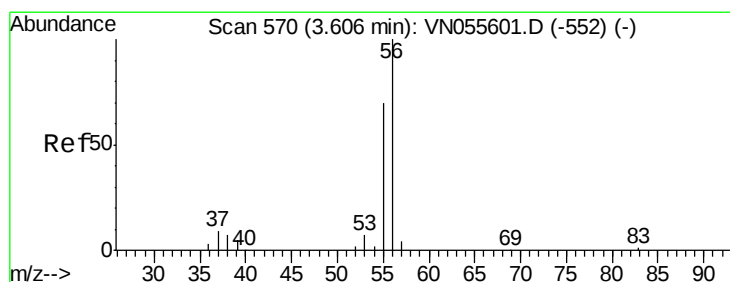
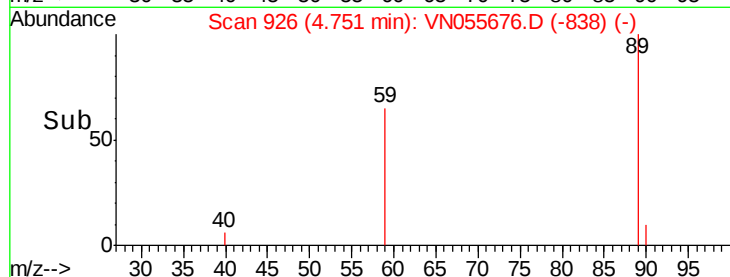
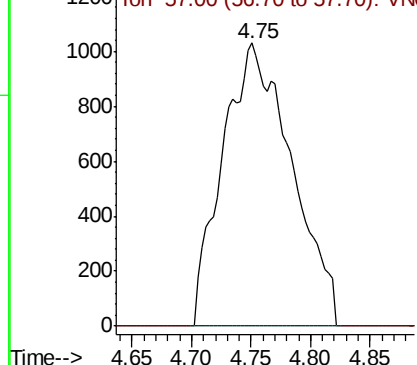
#11

Tert butyl alcohol
 Concen: 4.761 ug/l
 RT: 4.75 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: VN055676.D
 Acq: 20 May 2019 16:04

Tot Ion: 59 Resp: 4136
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#



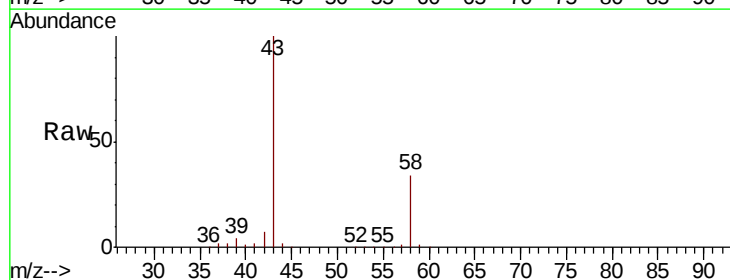
Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 57.00 (56.70 to 57.70): VN0



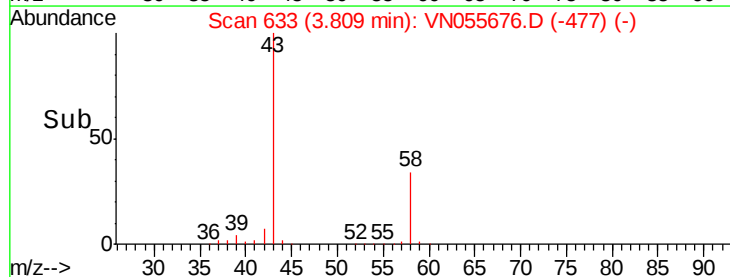
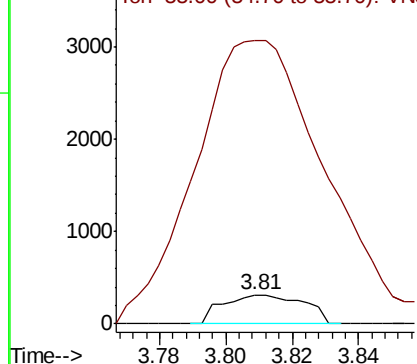
#13

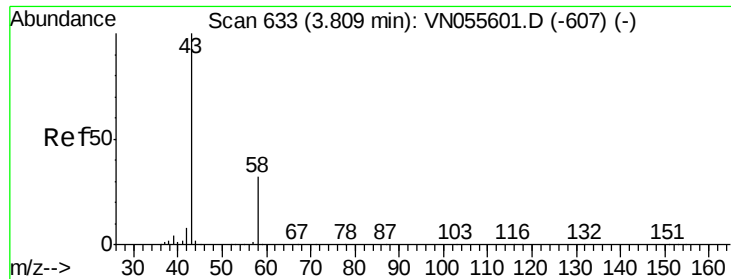
Acrolein
 Concen: 2.569 ug/l
 RT: 3.81 min Scan# 633
 Delta R.T. 0.20 min
 Lab File: VN055676.D
 Acq: 20 May 2019 16:04

Tgt Ion: 56 Resp: 538
 Ion Ratio Lower Upper
 56 100
 55 1572.9 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VN0
 Ion 55.00 (54.70 to 55.70): VN0





#16

Acetone

Concen: 1410.007 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN055676.D

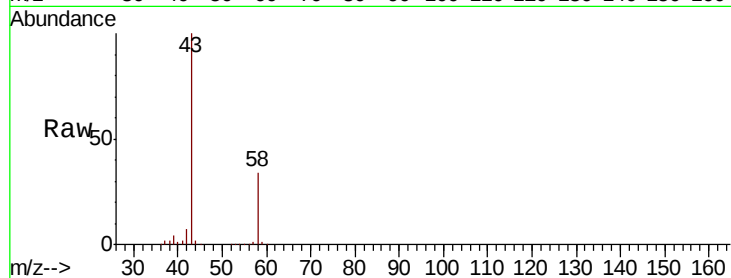
Acq: 20 May 2019 16:04

Tot Ion: 43 Resp: 2680766

Ion Ratio Lower Upper

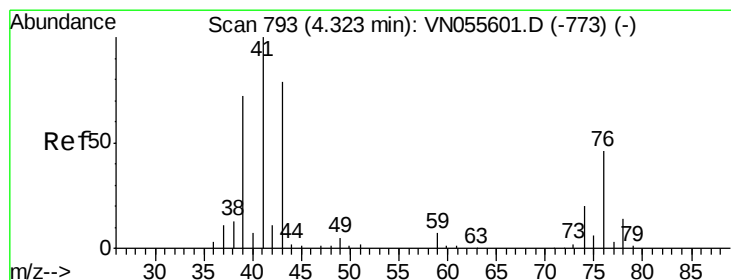
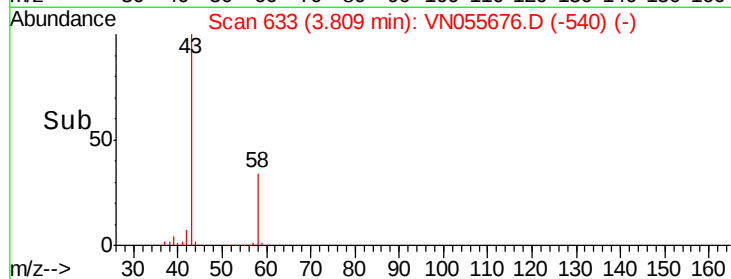
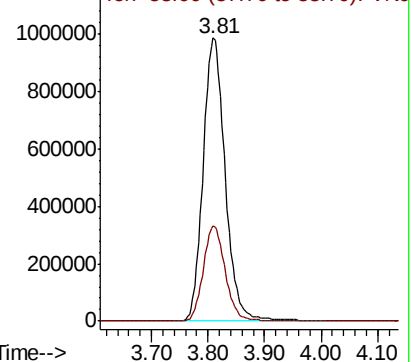
43 100

58 33.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#18

Methyl Acetate

Concen: 0.245 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055676.D

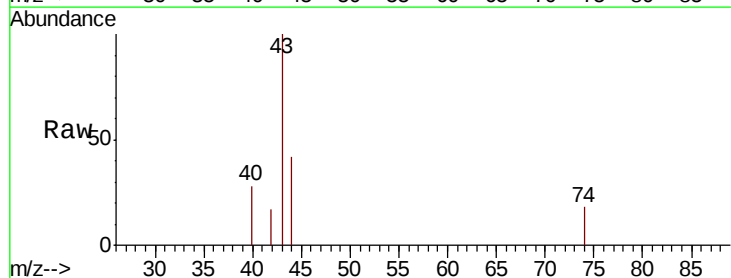
Acq: 20 May 2019 16:04

Tgt Ion: 43 Resp: 997

Ion Ratio Lower Upper

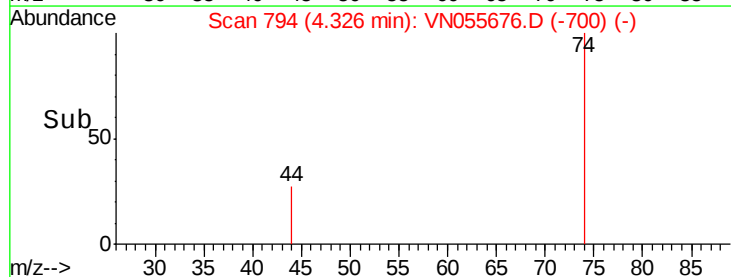
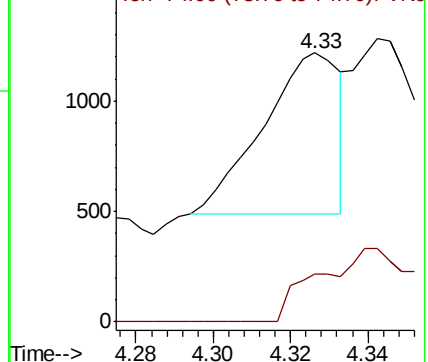
43 100

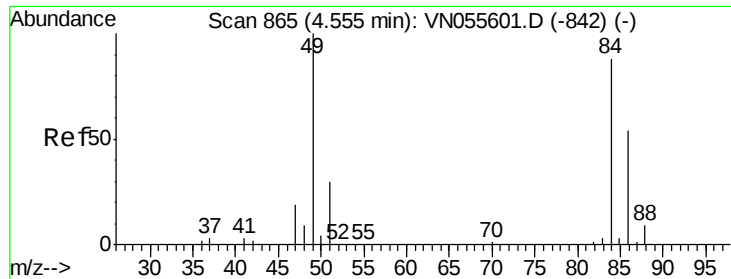
74 58.6 19.9 29.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

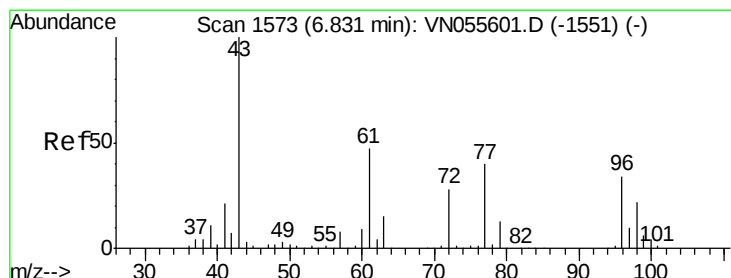
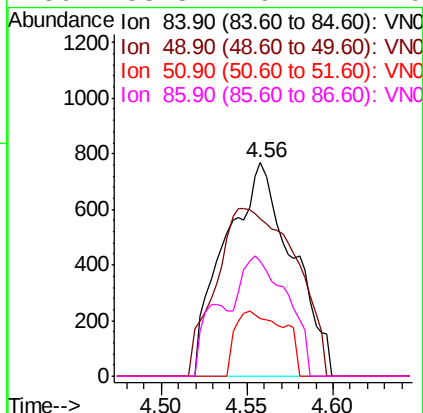
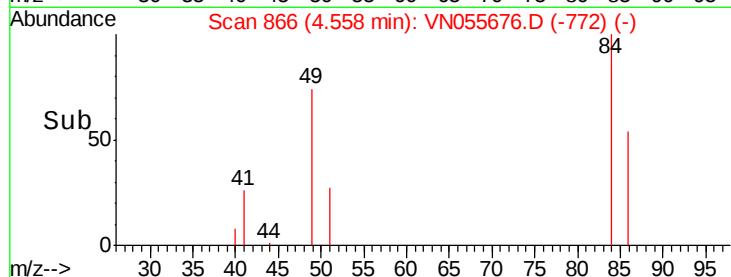
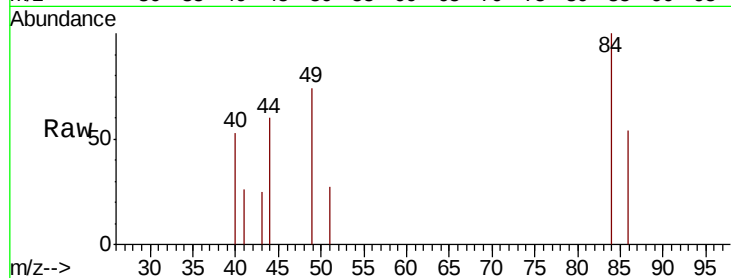




#20
Methvlene Chloride
Concen: 0.482 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tot Ion: 84 Resp: 2092

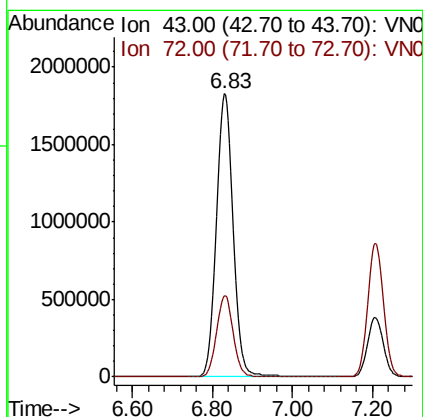
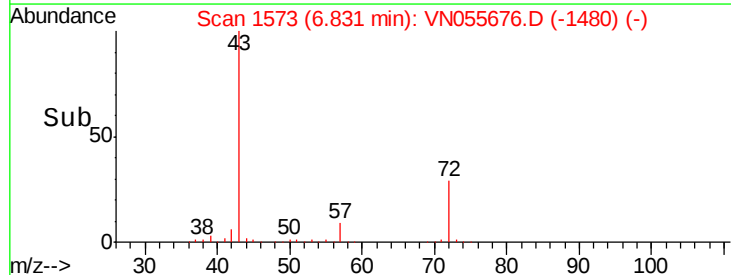
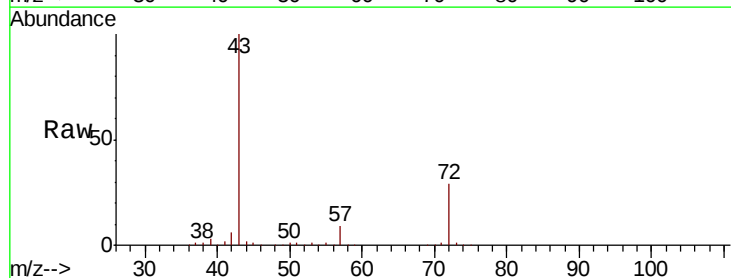
Ion	Ratio	Lower	Upper
84	100		
49	73.7	91.0	136.4#
51	27.2	27.5	41.3#
86	53.8	49.4	74.0

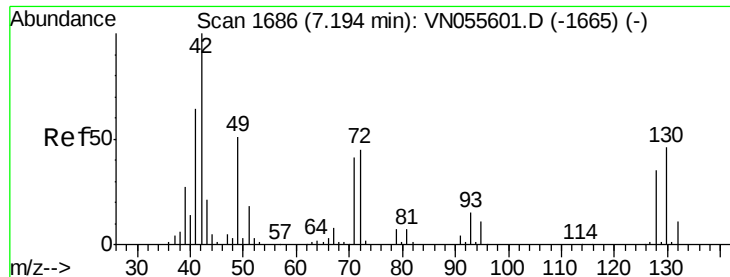


#25
2-Butanone
Concen: 2010.190 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion: 43 Resp: 5343782

Ion	Ratio	Lower	Upper
43	100		
72	28.8	22.3	33.5





#28

Bromochloromethane

Concen: 2.709 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

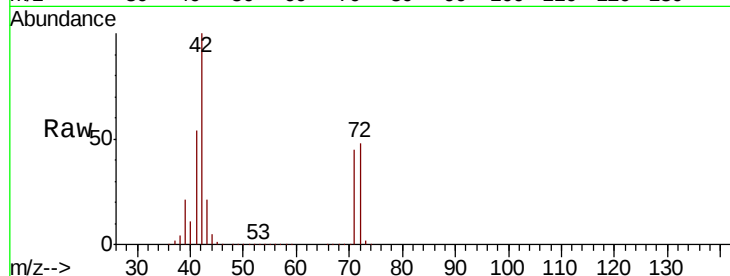
Tot Ion: 49 Resp: 8580

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.4

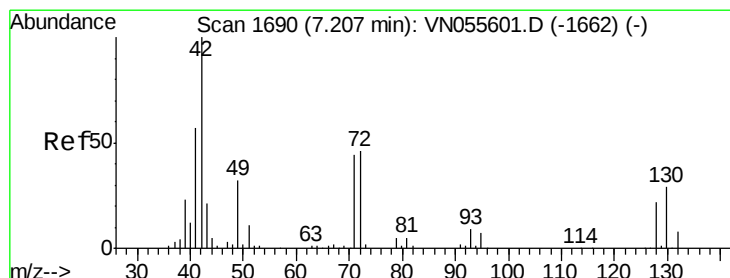
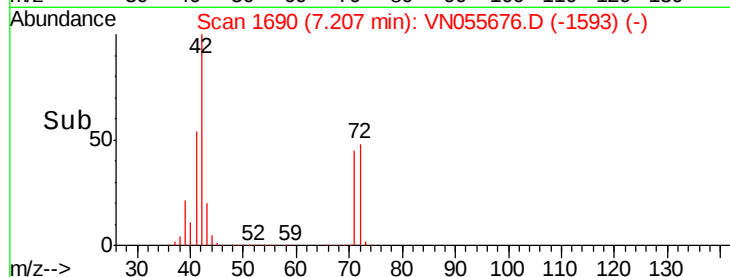
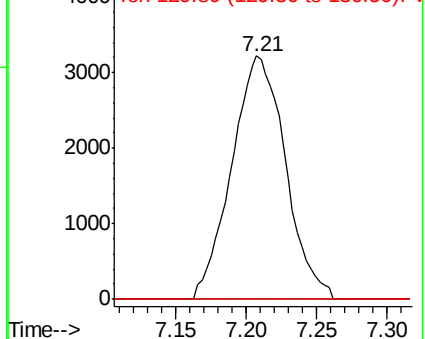
130 0.0 71.0 106.6#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#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

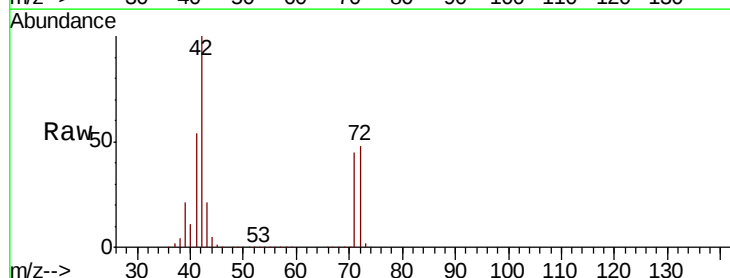
Tgt Ion: 42 Resp: 4939387

Ion Ratio Lower Upper

42 100

72 48.2 36.5 54.7

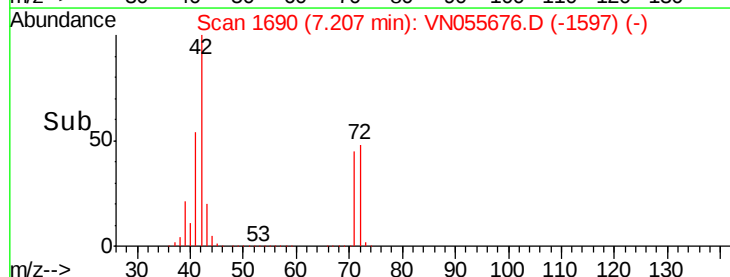
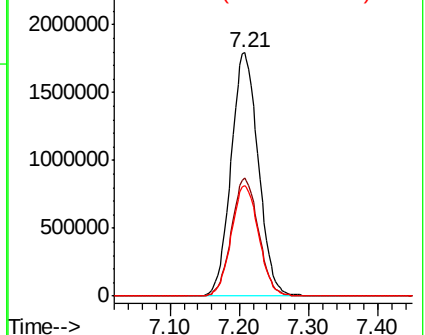
71 45.6 34.9 52.3

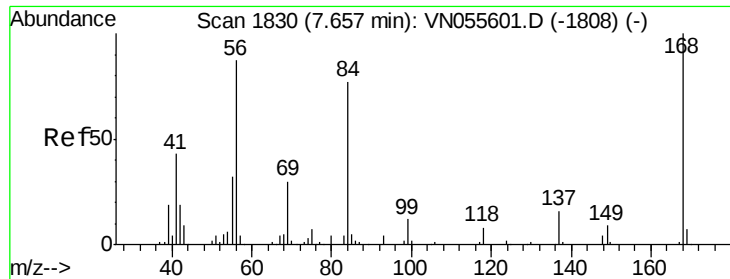


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

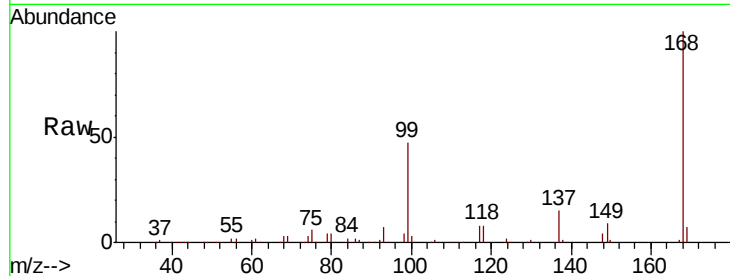
Ion 71.00 (70.70 to 71.70): VN0



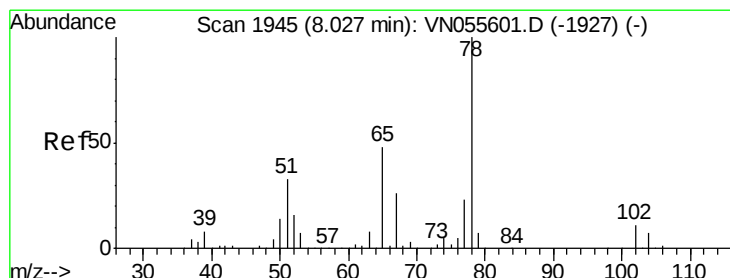
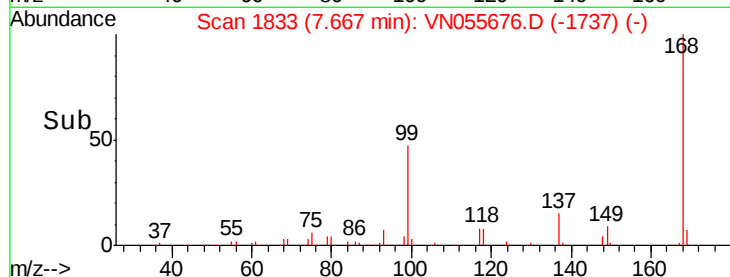
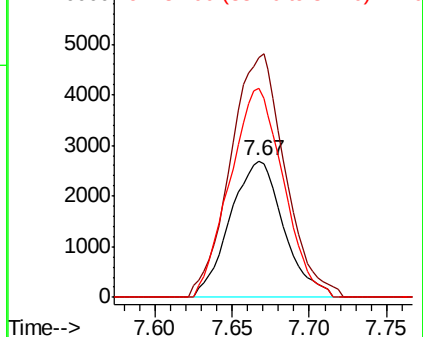


#31
Cyclohexane
Concen: 0.938 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.01 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tot Ion: 56 Resp: 6481
Ion Ratio Lower Upper
56 100
69 176.2 27.2 40.8#
84 153.4 71.3 106.9#

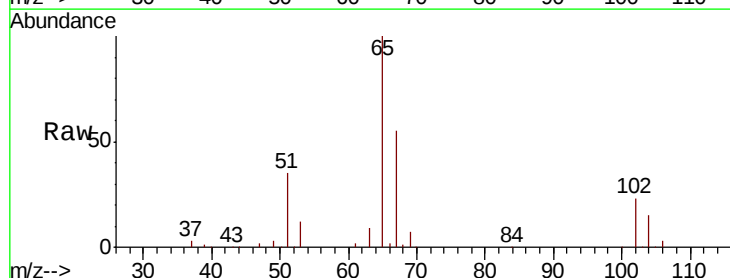


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

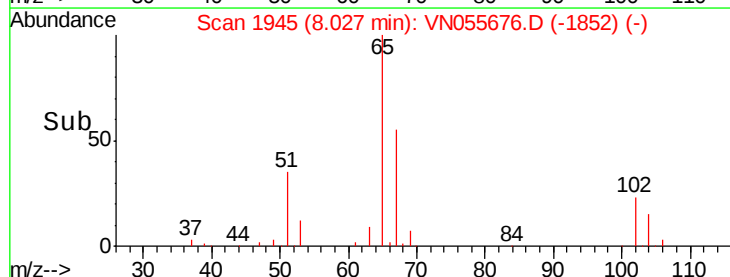
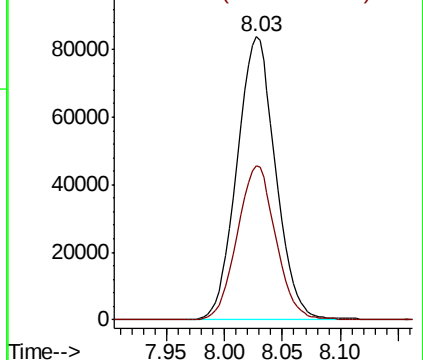


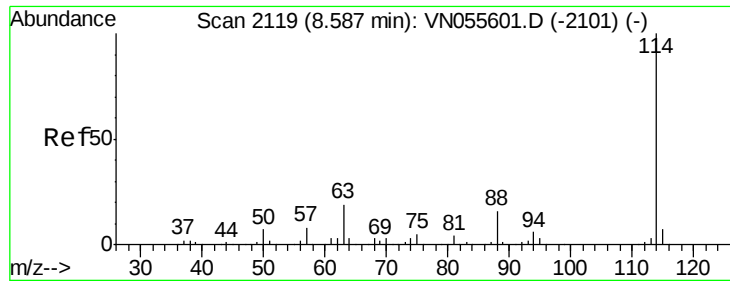
#33
1,2-Dichloroethane-d4
Concen: 41.512 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

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



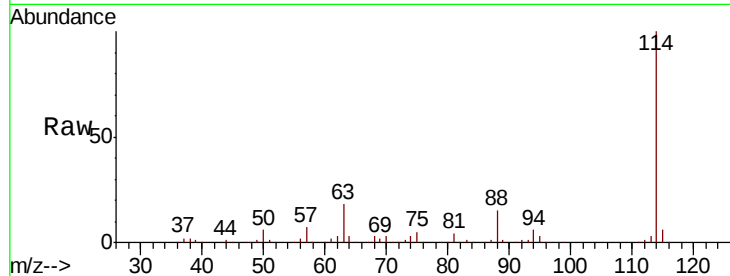
Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0



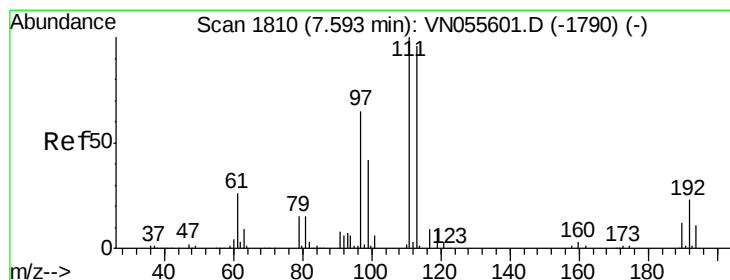
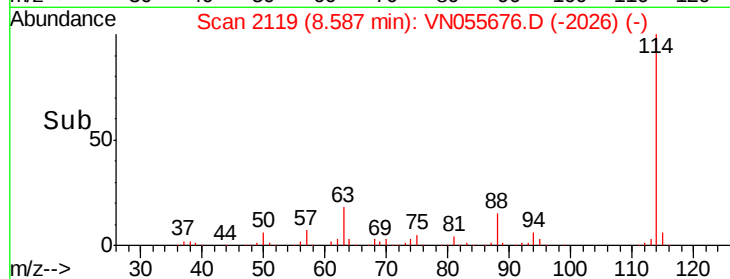
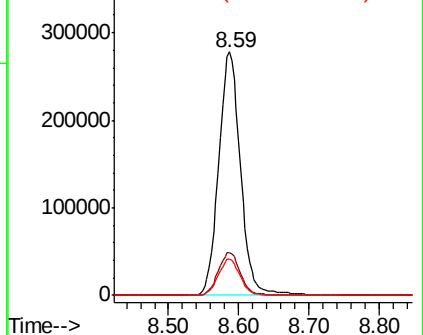


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055676.D
 Acq: 20 May 2019 16:04

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	38.2
88	14.8	0.0	31.0

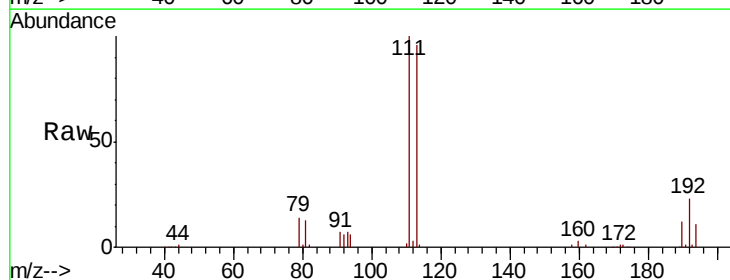


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

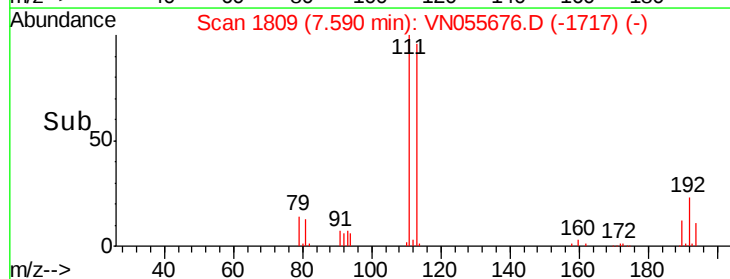
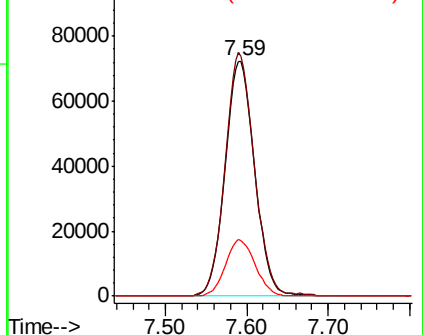


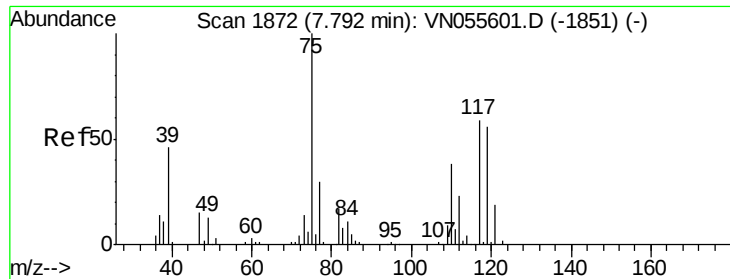
#35
 Dibromofluoromethane
 Concen: 48.404 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055676.D
 Acq: 20 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.5	123.7
192	24.1	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





#36

1,1-Dichloropropene

Concen: 4.611 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.13 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

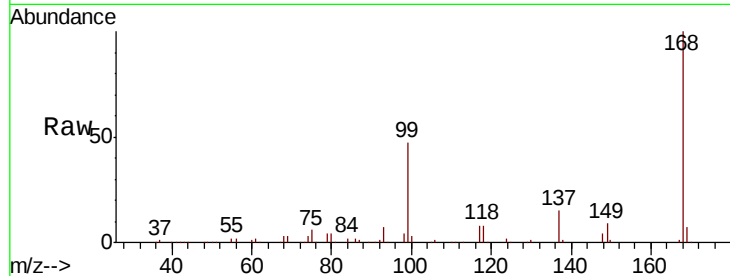
Tot Ion: 75 Resp: 24597

Ion Ratio Lower Upper

75 100

110 8.7 18.6 55.6#

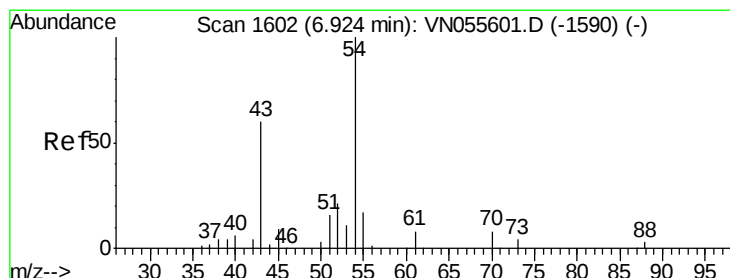
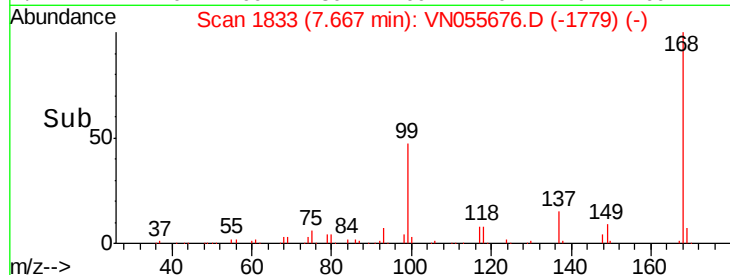
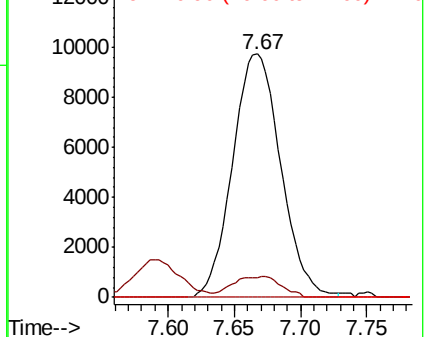
77 0.0 24.9 37.3#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#37

Ethyl Acetate

Concen: 1110.191 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.09 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

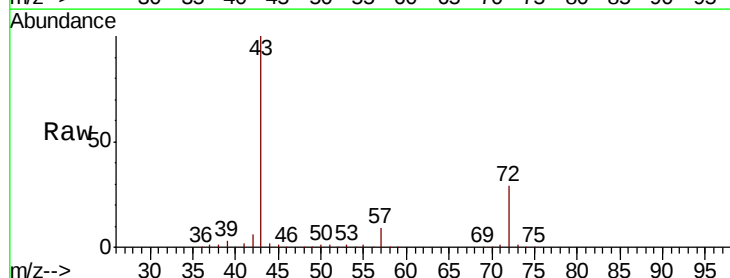
Tgt Ion: 43 Resp: 5344685

Ion Ratio Lower Upper

43 100

61 0.0 11.4 17.0#

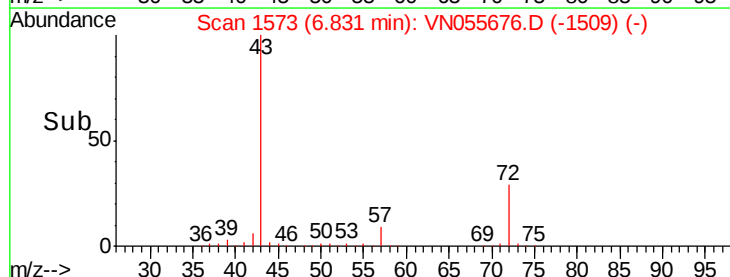
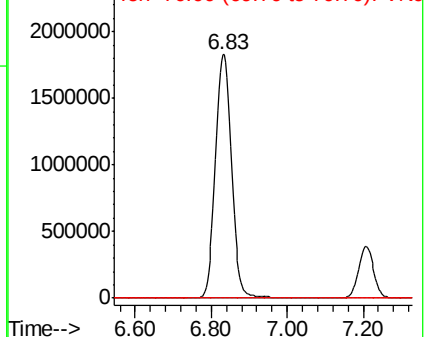
70 0.0 9.2 13.8#

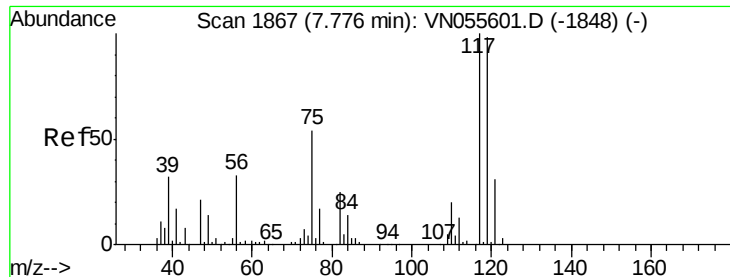


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0





#38

Carbon Tetrachloride

Concen: 6.109 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.11 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

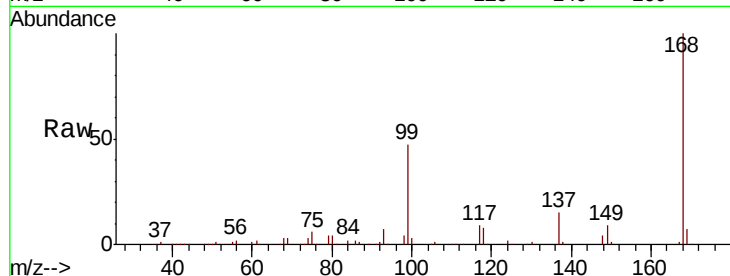
Tot Ion: 117 Resp: 34827

Ion Ratio Lower Upper

117 100

119 4.5 77.8 116.8#

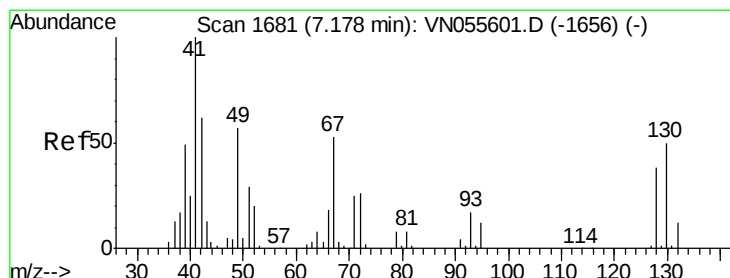
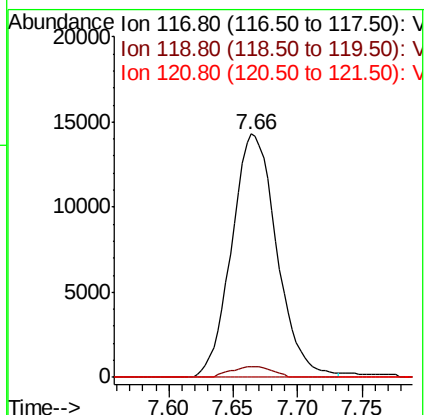
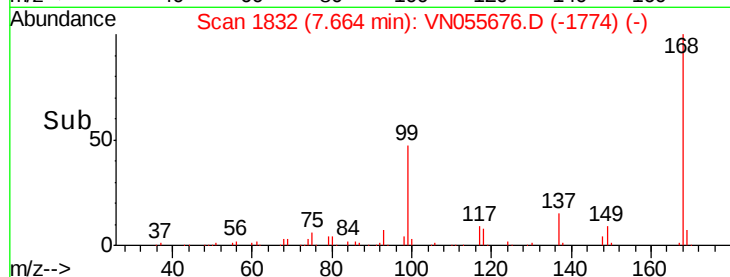
121 0.0 24.6 37.0#



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



#41

Methacrylonitrile

Concen: 1310.732 ug/l

RT: 7.21 min Scan# 1690

Delta R.T. 0.03 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

Tgt Ion: 41 Resp: 2697807

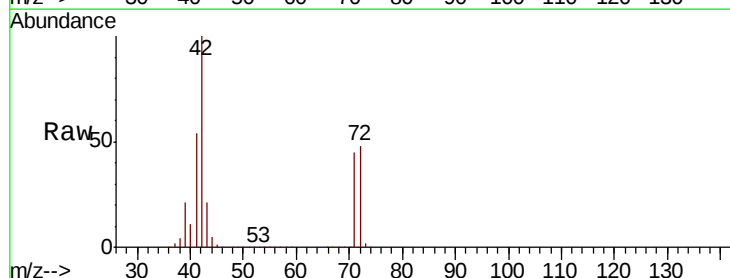
Ion Ratio Lower Upper

41 100

39 39.0 0.0 0.0#

67 0.0 0.0 0.0#

52 0.1 0.0 0.0#

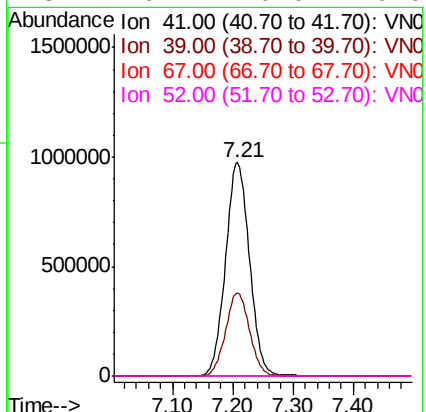
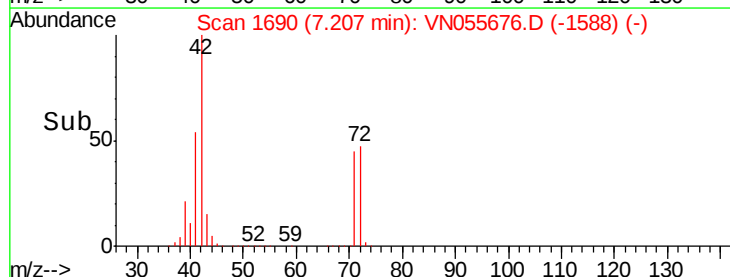


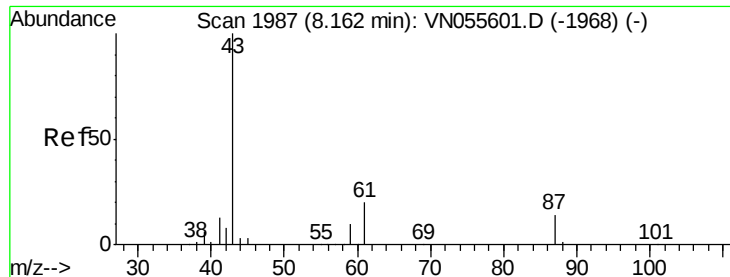
Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO





#43

Isopropyl Acetate

Concen: 2.252 ug/l

RT: 8.22 min Scan# 2004

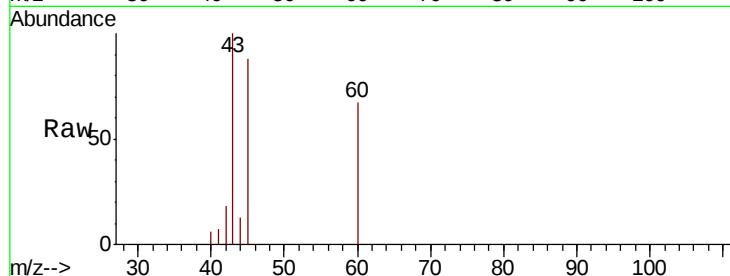
Delta R.T. 0.05 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

Tot Ion: 43 Resp: 18857

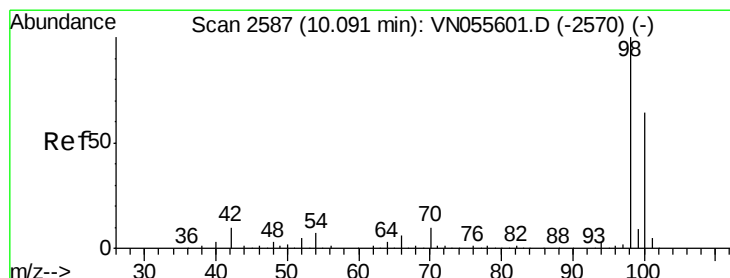
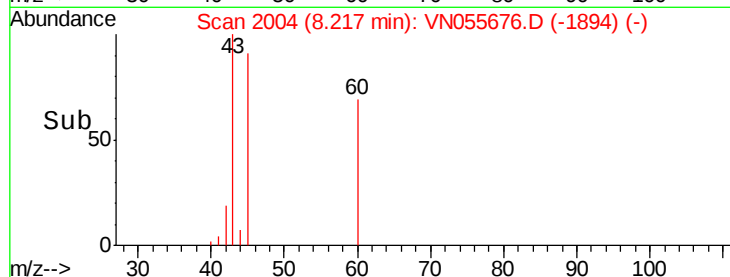
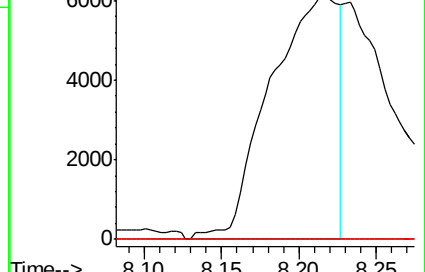
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.1	33.1#
87	0.0	11.8	17.6#



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055601.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055601.D (-1968) (-)



#50

Toluene-d8

Concen: 48.039 ug/l

RT: 10.09 min Scan# 2587

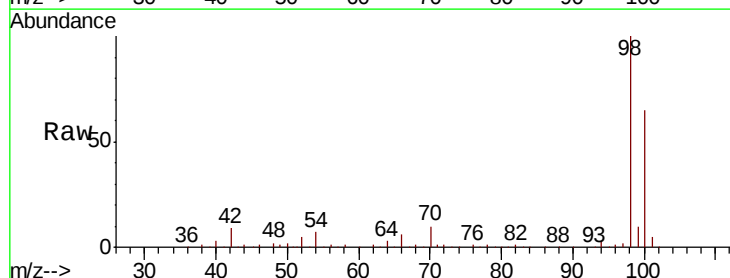
Delta R.T. -0.00 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

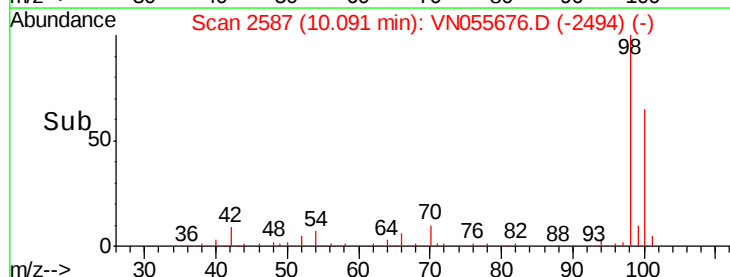
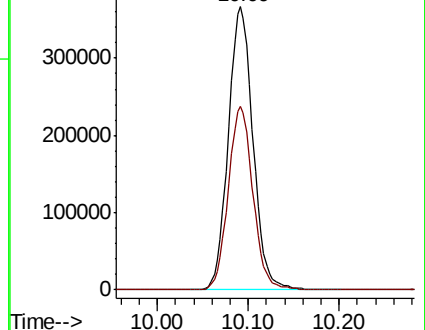
Tgt Ion: 98 Resp: 690462

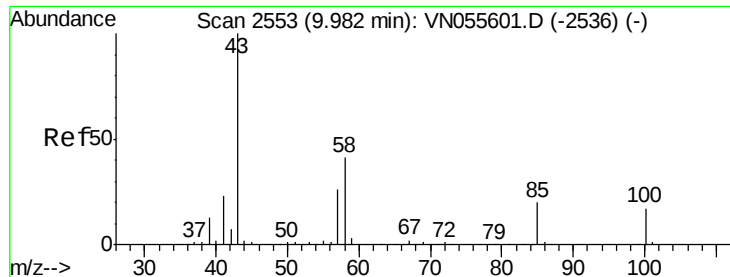
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.9	77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 0.307 ug/l

RT: 9.99 min Scan# 2555

Delta R.T. 0.01 min

Lab File: VN055676.D

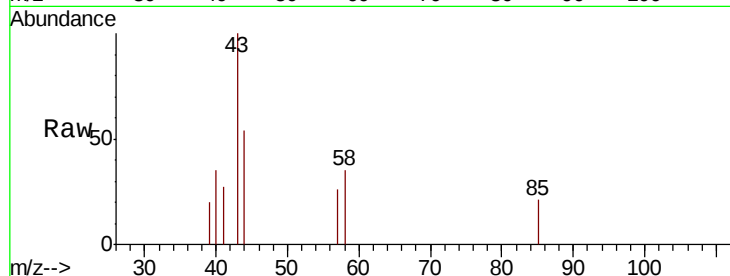
Acq: 20 May 2019 16:04

Tot Ion: 43 Resp: 1510

Ion Ratio Lower Upper

43 100

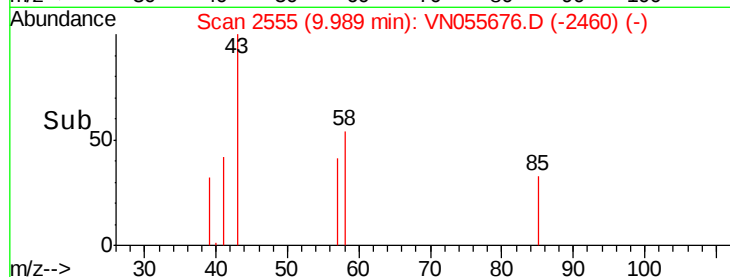
58 35.6 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VN055601.D (-2536) (-)

Ion 58.00 (57.70 to 58.70): VN055601.D (-2536) (-)

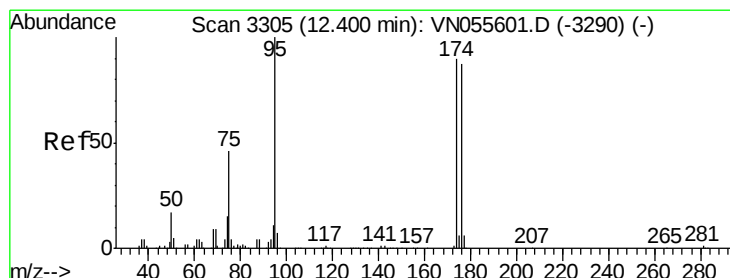
Time-->



Abundance Ion 43.00 (42.70 to 43.70): VN055676.D (-2460) (-)

Ion 58.00 (57.70 to 58.70): VN055676.D (-2460) (-)

Time-->



#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

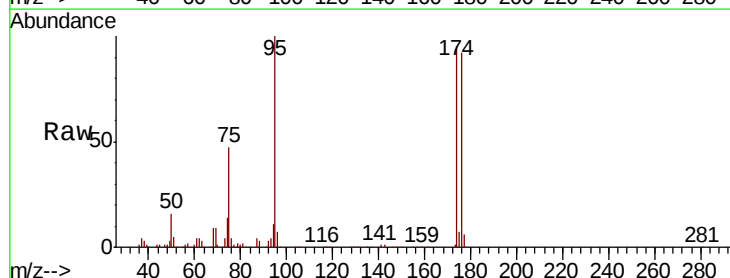
Tgt Ion: 95 Resp: 214376

Ion Ratio Lower Upper

95 100

174 95.9 0.0 180.6

176 93.1 0.0 177.4

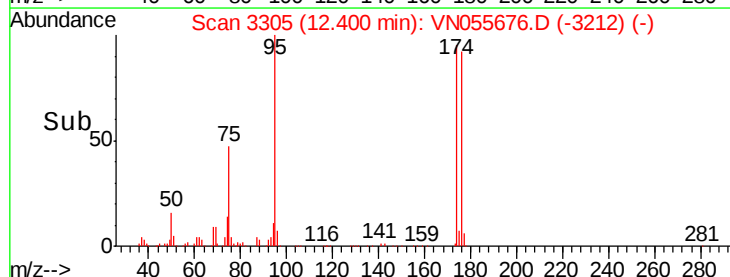


Abundance Ion 94.90 (94.60 to 95.60): VN055601.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN055601.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN055601.D (-3290) (-)

Time-->

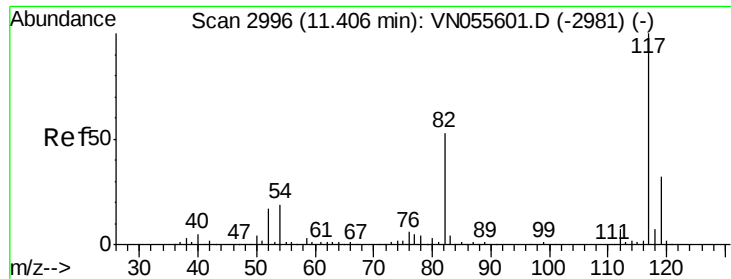


Abundance Ion 94.90 (94.60 to 95.60): VN055676.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055676.D (-3212) (-)

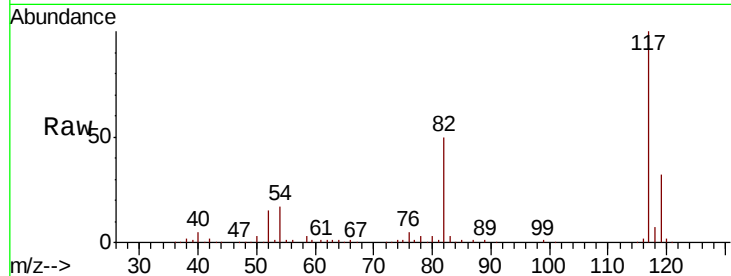
Ion 175.80 (175.50 to 176.50): VN055676.D (-3212) (-)

Time-->

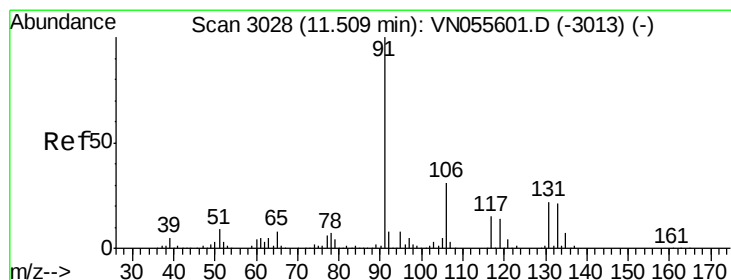
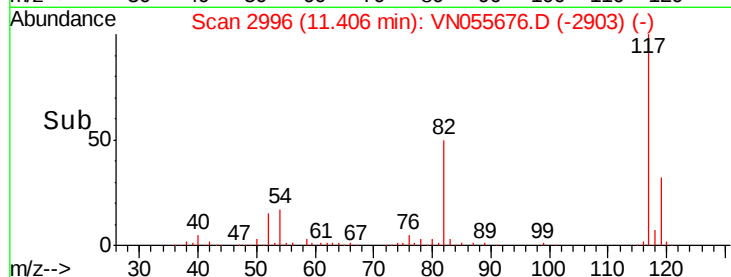
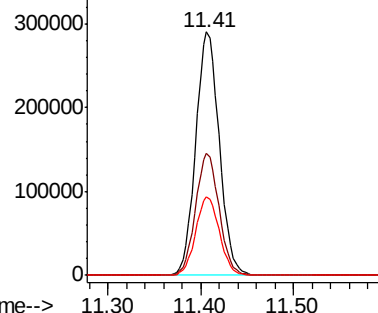


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tot Ion:117 Resp: 509760
Ion Ratio Lower Upper
117 100
82 50.1 42.3 63.5
119 32.1 25.4 38.2

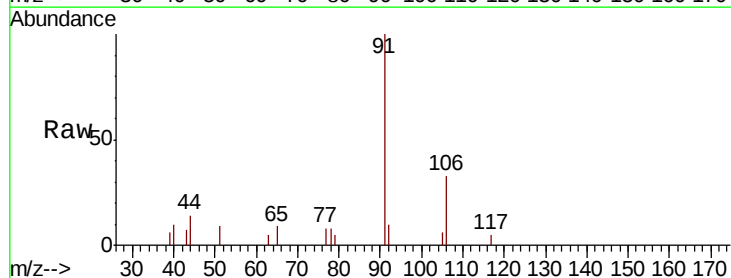


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

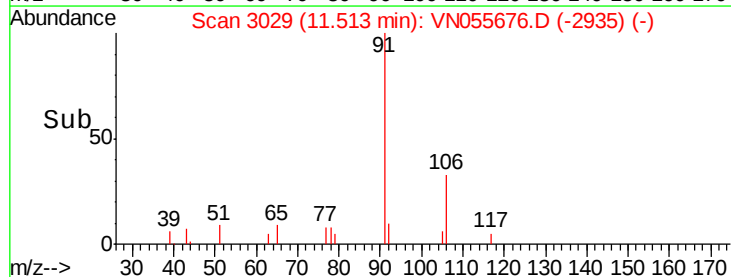
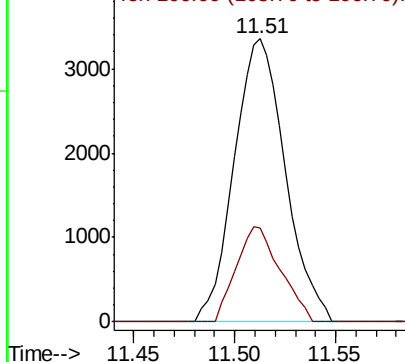


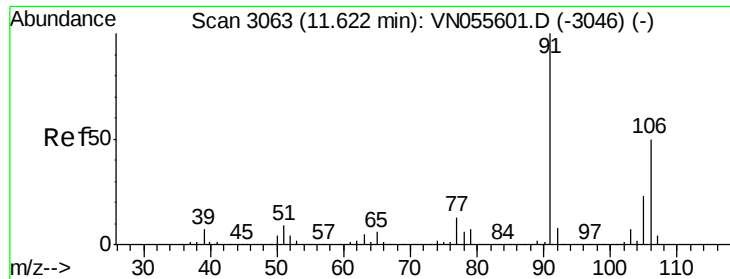
#67
Ethyl Benzene
Concen: 0.324 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

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



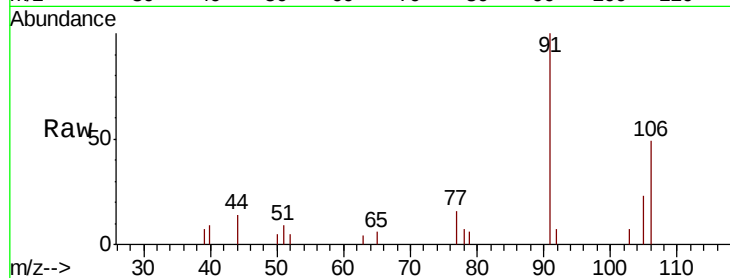
Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 106.00 (105.70 to 106.70): V



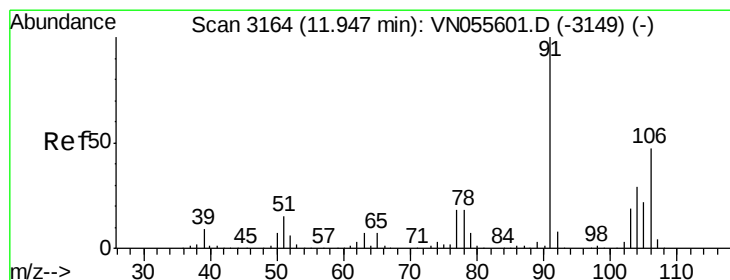
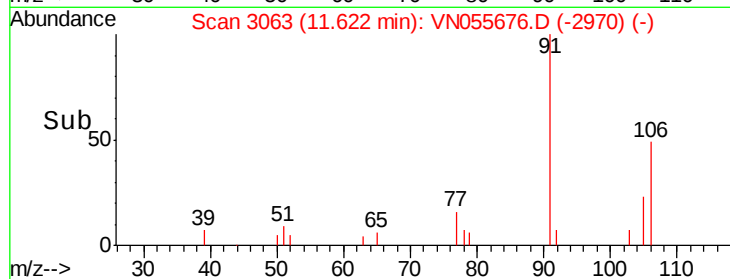
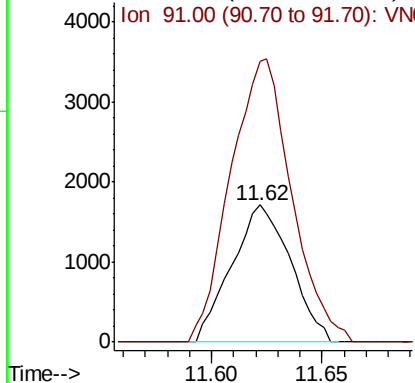


#68
m/p-Xylenes
Concen: 0.456 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

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

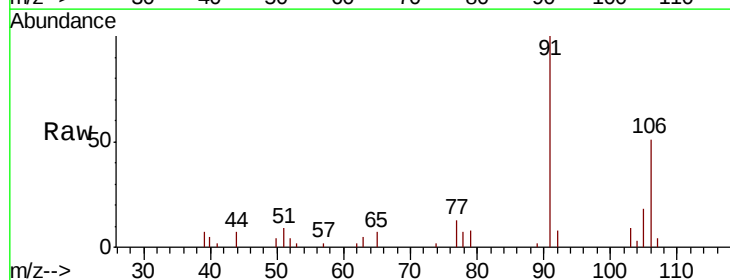


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

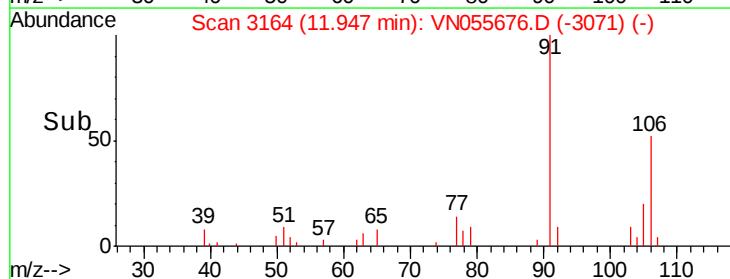
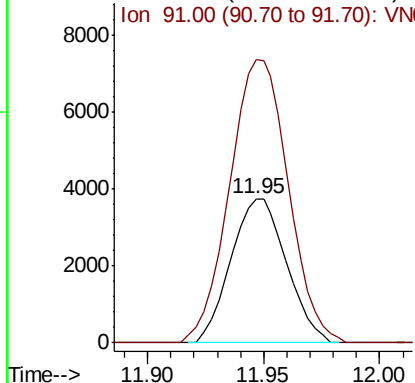


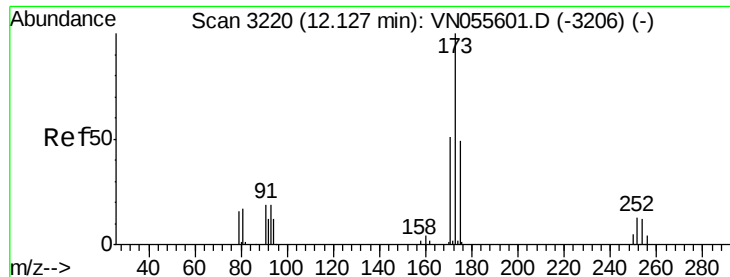
#69
o-Xylene
Concen: 0.916 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt 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): VN0





#71

Bromoform

Concen: 0.375 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.28 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

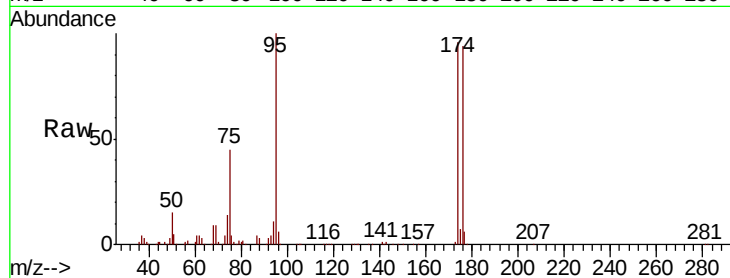
Tot Ion:173 Resp: 1319

Ion Ratio Lower Upper

173 100

175 1051.5 24.3 72.9#

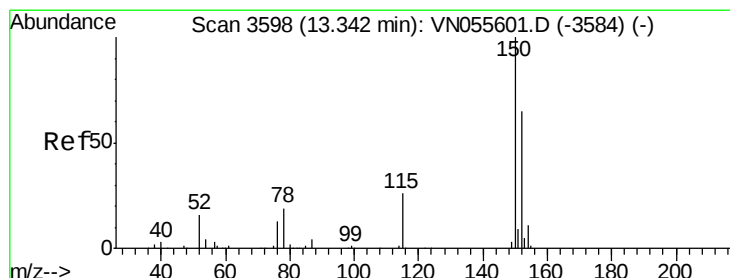
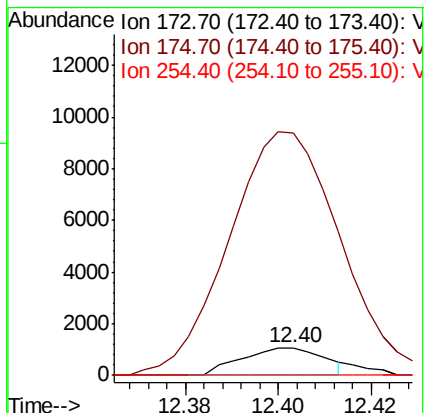
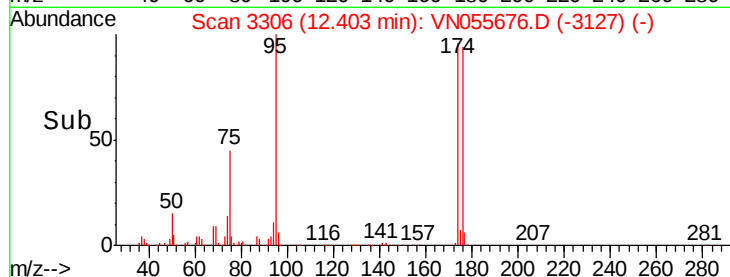
254 0.0 0.1 0.1#



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: VN055676.D

Acq: 20 May 2019 16:04

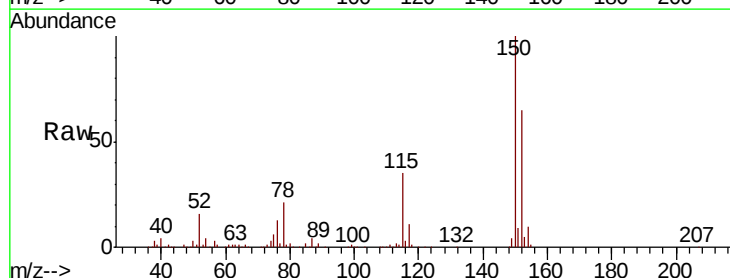
Tgt Ion:152 Resp: 182087

Ion Ratio Lower Upper

152 100

115 54.6 28.1 84.2

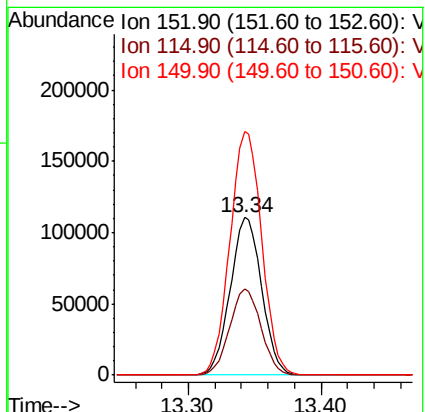
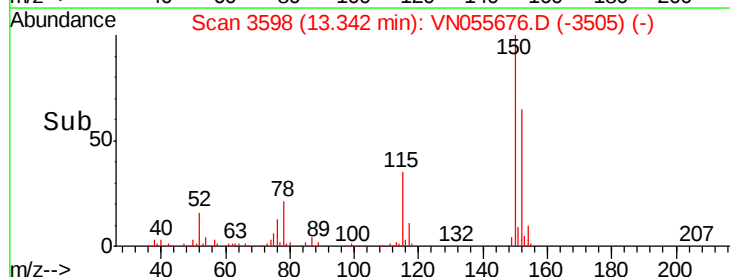
150 156.1 0.0 348.0

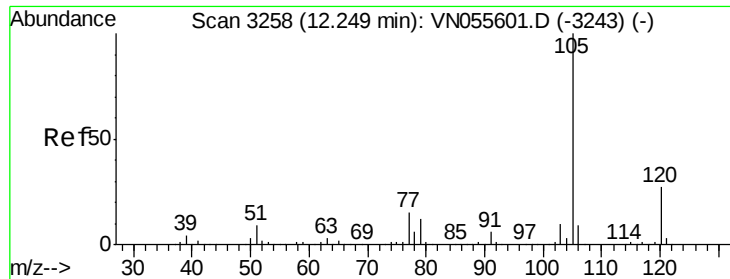


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: Below Cal

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN055676.D

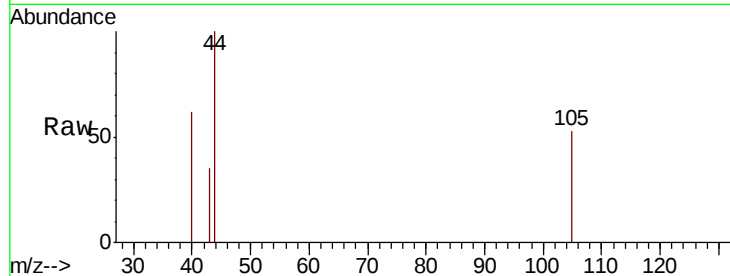
Acq: 20 May 2019 16:04

Tot Ion: 105 Resp: 278

Ion Ratio Lower Upper

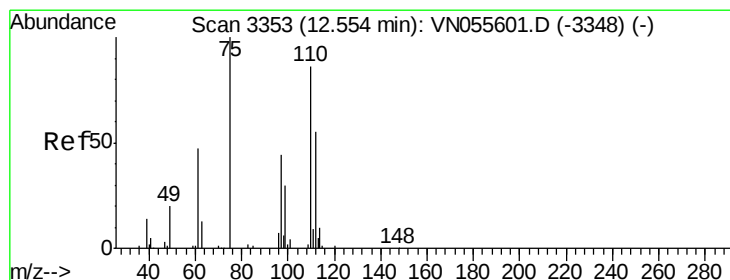
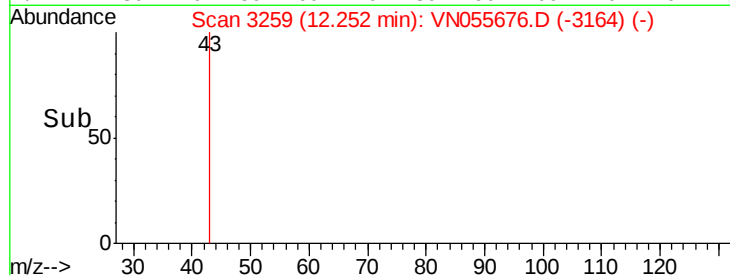
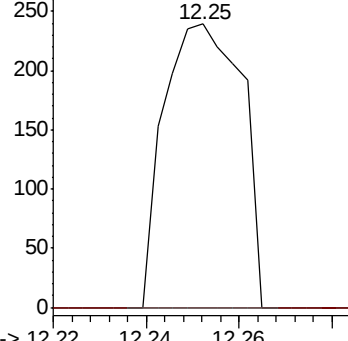
105 100

120 0.0 13.4 40.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 26.287 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055676.D

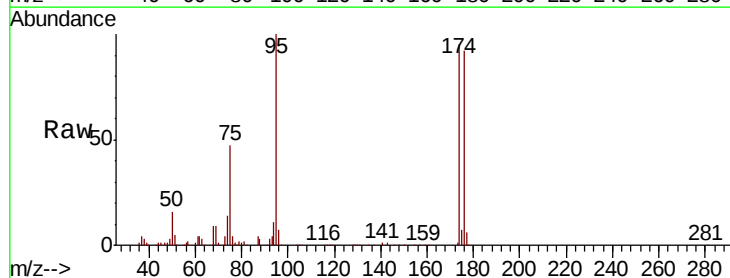
Acq: 20 May 2019 16:04

Tgt Ion: 75 Resp: 97669

Ion Ratio Lower Upper

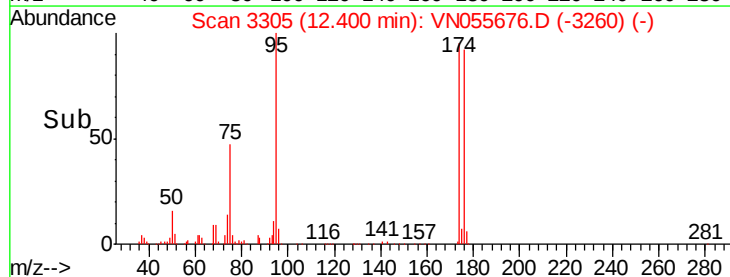
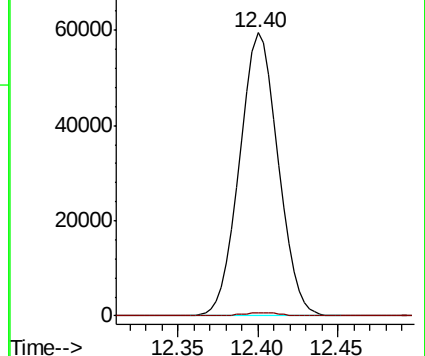
75 100

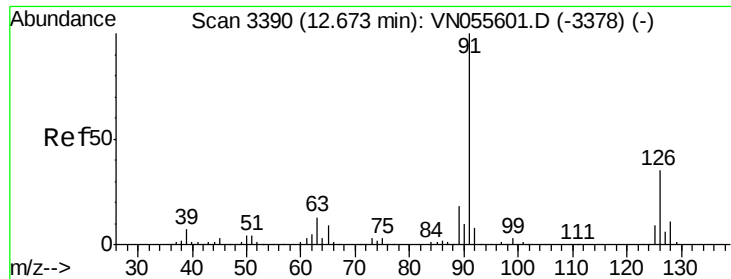
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#79

2-Chlorotoluene

Concen: Below Cal

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN055676.D

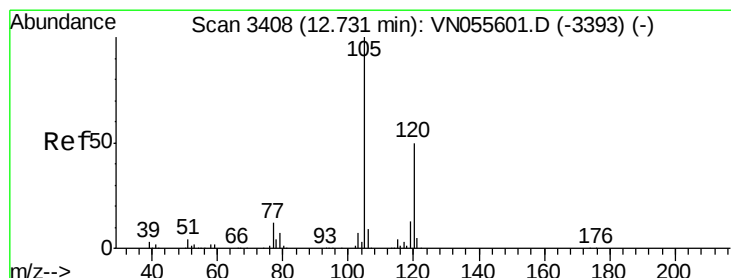
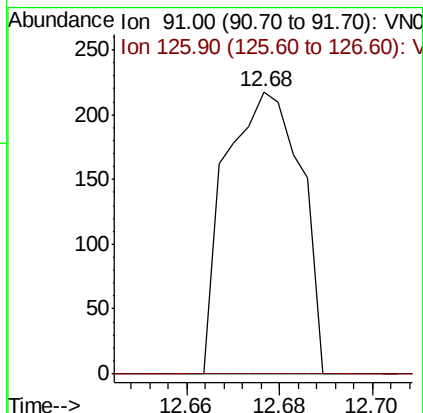
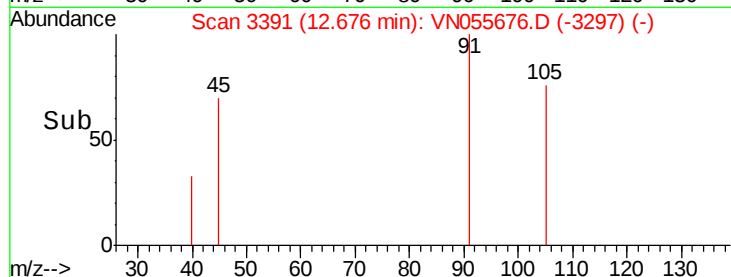
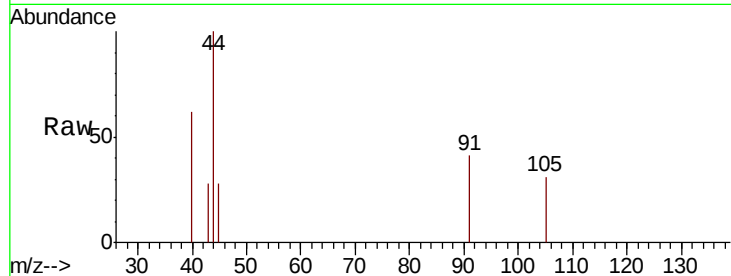
Acq: 20 May 2019 16:04

Tot Ion: 91 Resp: 247

Ion Ratio Lower Upper

91 100

126 0.0 17.8 53.4#



#80

1,3,5-Trimethylbenzene

Concen: Below Cal

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN055676.D

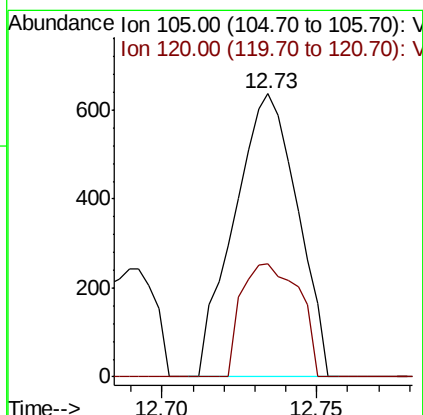
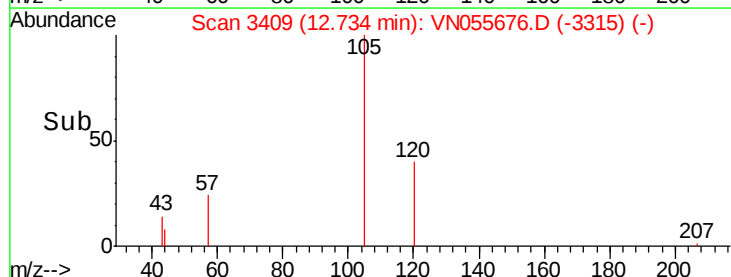
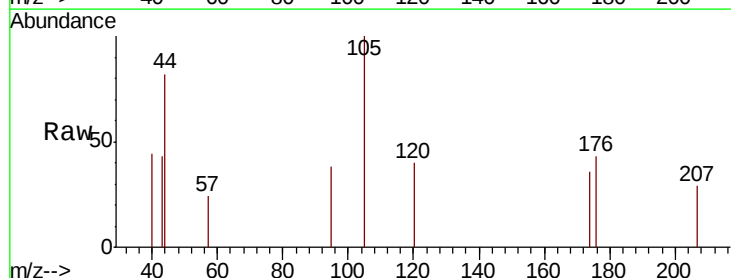
Acq: 20 May 2019 16:04

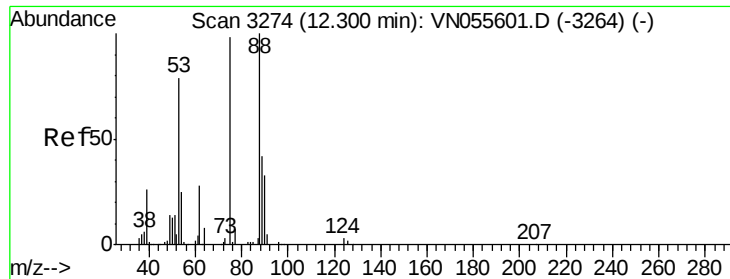
Tgt Ion: 105 Resp: 906

Ion Ratio Lower Upper

105 100

120 36.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 67.572 ug/l

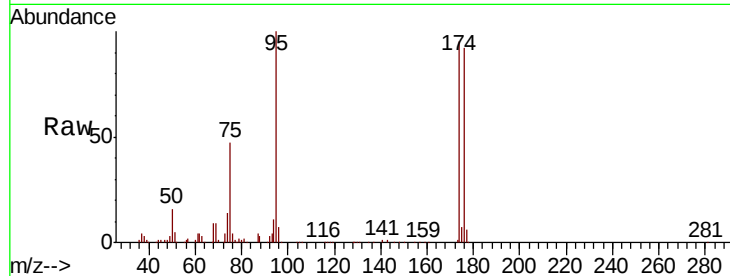
RT: 12.40 min Scan# 3305

Delta R.T. 0.10 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

Tot Ion:	75	Resp:	97669
Ion	Ratio	Lower	Upper
75	100		
53	0.0	65.1	97.7#
89	0.0	36.4	54.6#



Abundance Ion 74.90 (74.60 to 75.60): VN055676.D (-3305) (-)

Ion 53.00 (52.70 to 53.70): VN055676.D (-3305) (-)

Ion 88.90 (88.60 to 89.60): VN055676.D (-3305) (-)

12.40

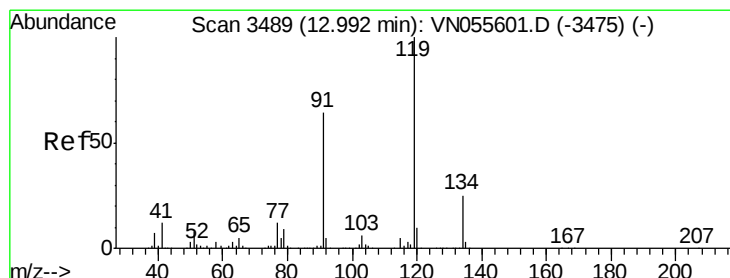
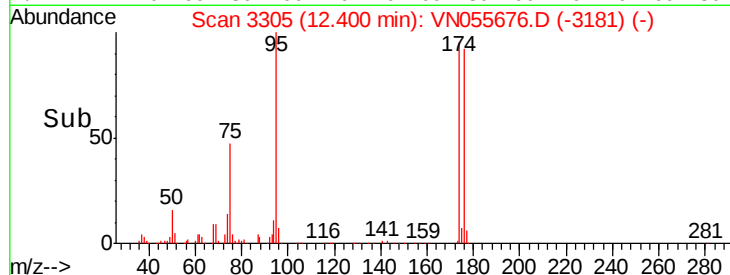
60000

40000

20000

0

Time-->



#83

tert-Butylbenzene

Concen: Below Cal

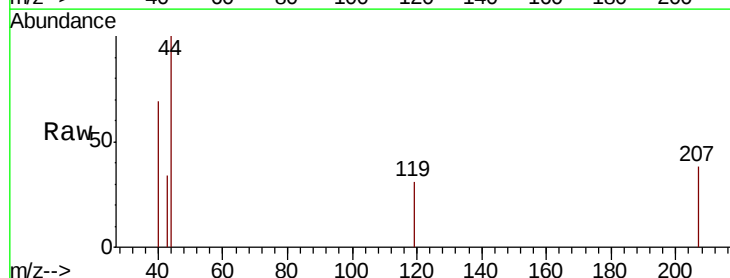
RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

Tgt Ion:	119	Resp:	60
Ion	Ratio	Lower	Upper
119	100		
91	0.0	31.3	93.8#
134	0.0	13.2	39.6#



Abundance Ion 119.00 (118.70 to 119.70): VN055676.D (-3488) (-)

Ion 91.00 (90.70 to 91.70): VN055676.D (-3488) (-)

Ion 134.00 (133.70 to 134.70): VN055676.D (-3488) (-)

12.99

200

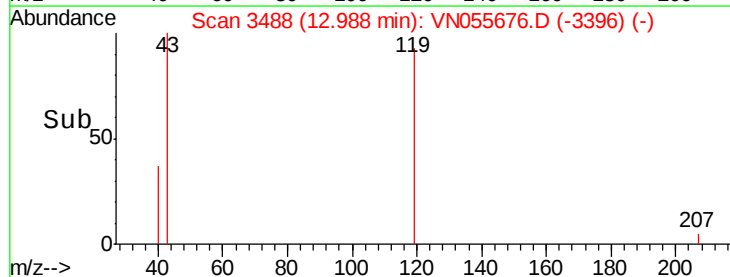
150

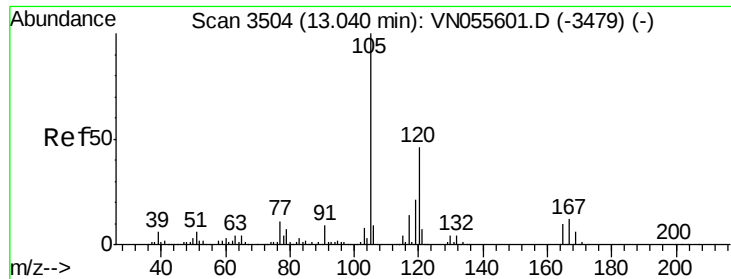
100

50

0

Time-->

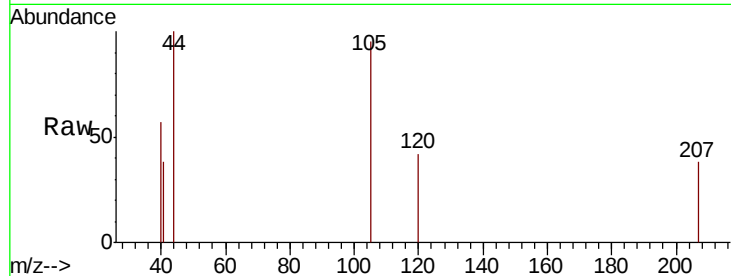




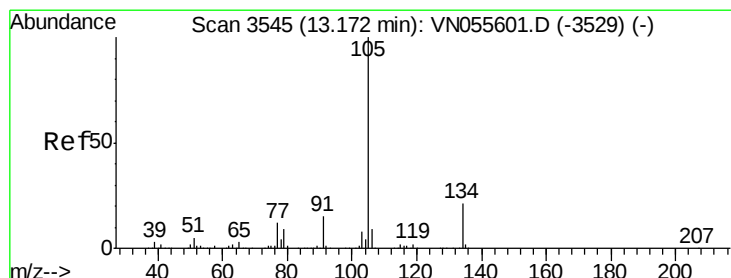
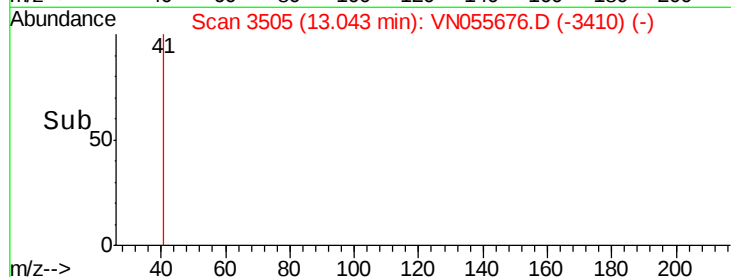
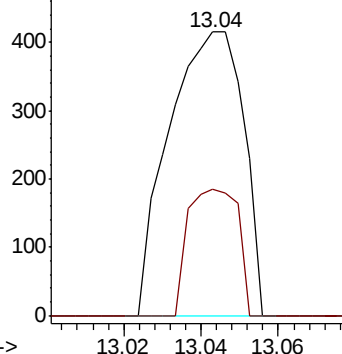
#84

1,2,4-Trimethylbenzene
Concen: Below Cal
RT: 13.04 min Scan# 3505
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tot Ion:105 Resp: 555
Ion Ratio Lower Upper
105 100
120 30.1 23.1 69.2



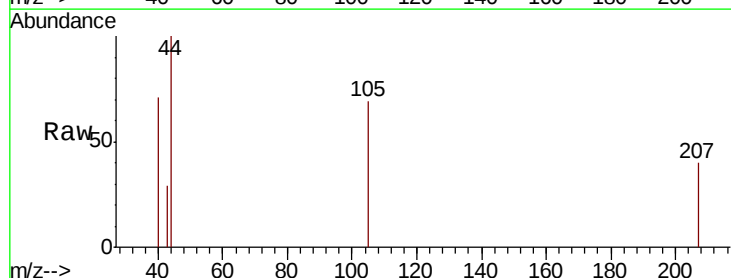
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



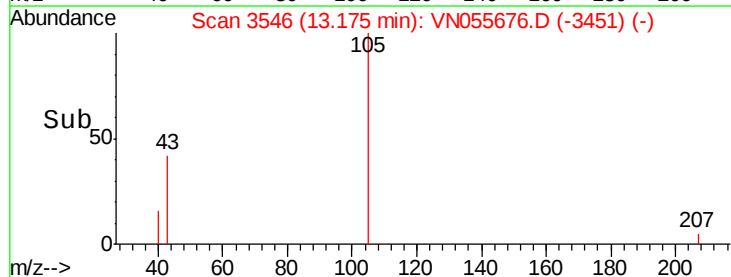
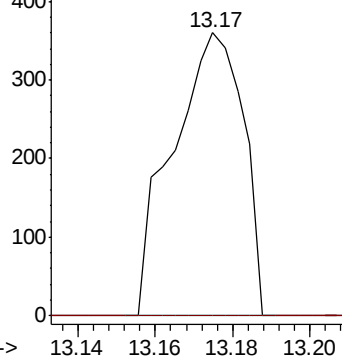
#85

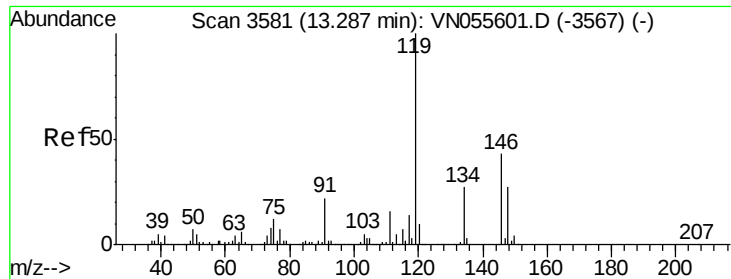
sec-Butylbenzene
Concen: Below Cal
RT: 13.17 min Scan# 3546
Delta R.T. 0.00 min
Lab File: VN055676.D
Acq: 20 May 2019 16:04

Tgt Ion:105 Resp: 457
Ion Ratio Lower Upper
105 100
134 0.0 10.3 30.9#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V





#86

p-Isopropyltoluene

Concen: Below Cal

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

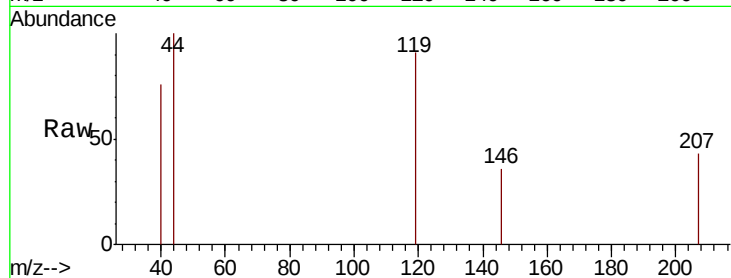
Tot Ion:119 Resp: 469

Ion Ratio Lower Upper

119 100

134 0.0 13.4 40.2#

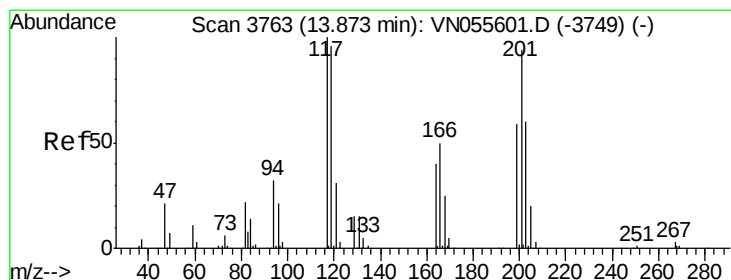
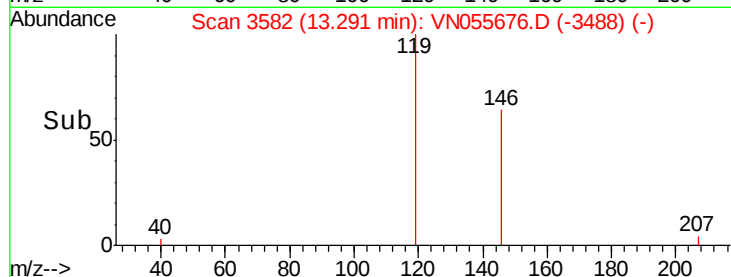
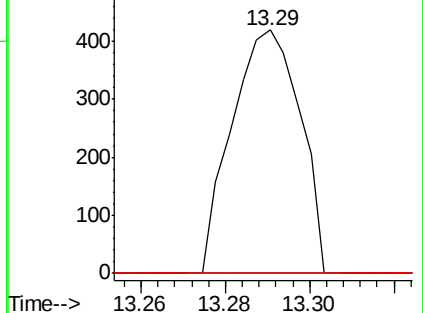
91 0.0 11.0 33.0#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#90

Hexachloroethane

Concen: Below Cal

RT: 14.00 min Scan# 3802

Delta R.T. 0.13 min

Lab File: VN055676.D

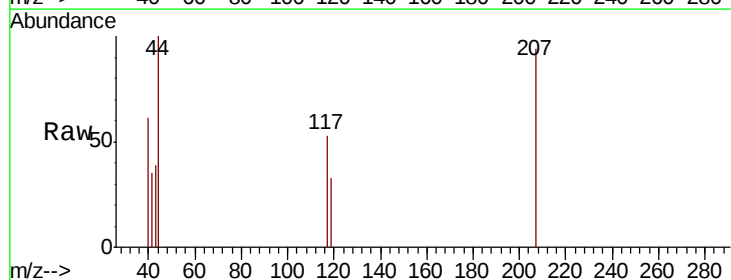
Acq: 20 May 2019 16:04

Tgt Ion:117 Resp: 211

Ion Ratio Lower Upper

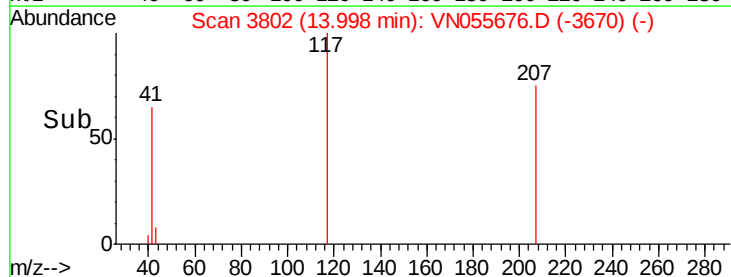
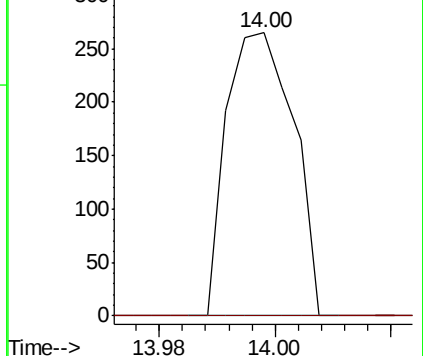
117 100

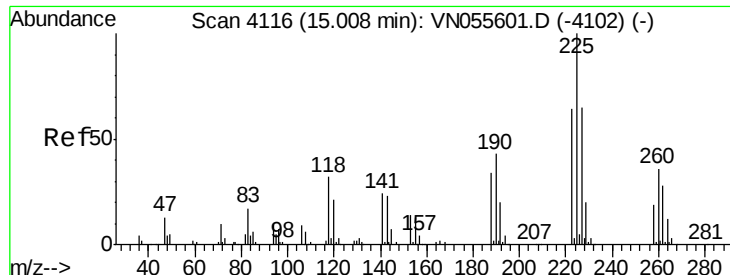
201 0.0 47.1 141.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#94

Hexachlorobutadiene

Concen: Below Cal

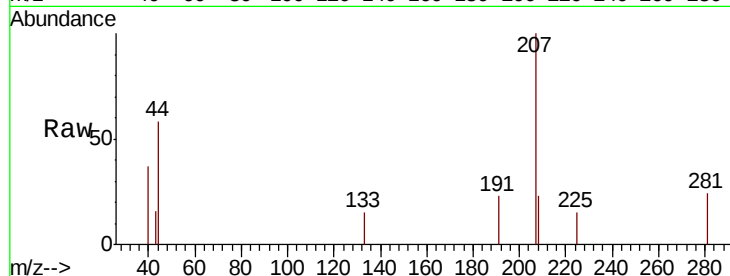
RT: 15.01 min Scan# 4116

Delta R.T. 0.00 min

Lab File: VN055676.D

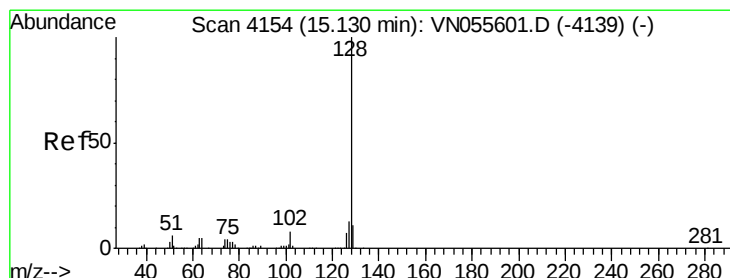
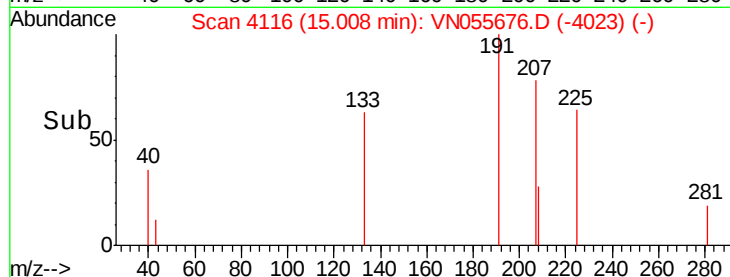
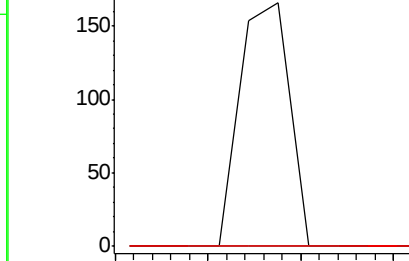
Acq: 20 May 2019 16:04

Tot Ion:	225	Resp:	62
Ion	Ratio	Lower	Upper
225	100		
223	0.0	31.6	94.7#
227	0.0	32.4	97.0#



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

15.01



#95

Naphthalene

Concen: 1.984 ug/l

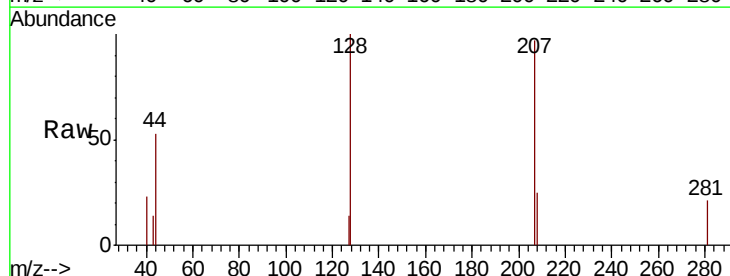
RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055676.D

Acq: 20 May 2019 16:04

Tgt Ion:	128	Resp:	2153
Ion	Ratio	Lower	Upper
128	100		
127	4.4	10.2	15.4#
129	0.0	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

15.14

