

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054070.D
 Acq On : 4 Mar 2019 17:20
 Operator : JC/SP
 Sample : K1688-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Mar 04 23:55:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	553367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1054649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1045841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	377103	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	382029	58.89	ug/l	0.00
Spiked Amount			Recovery	=	117.78%	
35) Dibromofluoromethane	7.59	113	339906	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
50) Toluene-d8	10.09	98	1349772	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.40	95	445103	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
14) Allyl chloride	4.56	41	13431	1.402	ug/l #	26
16) Acetone	3.82	43	15044	Below Cal		97
18) Methyl Acetate	4.34	43	3144	0.693	ug/l #	64
20) Methylene Chloride	4.55	84	336650	52.437	ug/l	91
25) 2-Butanone	6.83	43	715	0.281	ug/l #	47
28) Bromochloromethane	7.38	49	1410	0.272	ug/l #	6
29) Tetrahydrofuran	7.22	42	576	0.340	ug/l #	42
30) Chloroform	7.37	83	18939	1.723	ug/l	96
31) Cyclohexane	7.67	56	10313	0.589	ug/l #	1
36) 1,1-Dichloropropene	7.67	75	40788	4.159	ug/l #	48
38) Carbon Tetrachloride	7.67	117	50611	4.962	ug/l #	17
40) Benzene	8.04	78	22624	0.751	ug/l	98
43) Isopropyl Acetate	8.17	43	32581	2.755	ug/l #	89
45) 1,2-Dichloropropane	9.27	63	2235	0.275	ug/l #	44
47) Bromodichloromethane	9.40	83	3137	0.315	ug/l #	97
48) Methyl methacrylate	9.18	41	10604	1.950	ug/l #	12
49) 1,4-Dioxane	9.26	88	60	0.814	ug/l #	1
51) 4-Methyl-2-Pentanone	10.03	43	10011	1.648	ug/l #	34
52) Toluene	10.15	92	7199	0.406	ug/l	94
54) cis-1,3-Dichloropropene	9.91	75	68304	5.987	ug/l #	72
56) Ethyl methacrylate	10.54	69	1325	2.101	ug/l #	1
57) 1,3-Dichloropropane	10.76	76	13592	1.214	ug/l #	43
58) 2-Chloroethyl Vinyl ether	9.75	63	29	13.626	ug/l #	47
59) 2-Hexanone	10.76	43	200970	50.855	ug/l #	48
68) m/p-Xylenes	11.62	106	6592	0.472	ug/l	97
69) o-Xylene	11.95	106	4511	0.329	ug/l	82
71) Bromoform	12.40	173	3541	0.640	ug/l #	1
74) N-amyl acetate	11.88	43	19006	2.470	ug/l #	47
76) 1,2,3-Trichloropropane	12.40	75	218535	36.125	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.73	105	18943	0.788	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.40	75	218535	114.178	ug/l #	15
84) 1,2,4-Trimethylbenzene	13.04	105	46019	1.918	ug/l	98
90) Hexachloroethane	13.89	117	965	0.203	ug/l #	2
93) 1,2,4-Trichlorobenzene	14.90	180	623	2.309	ug/l #	15

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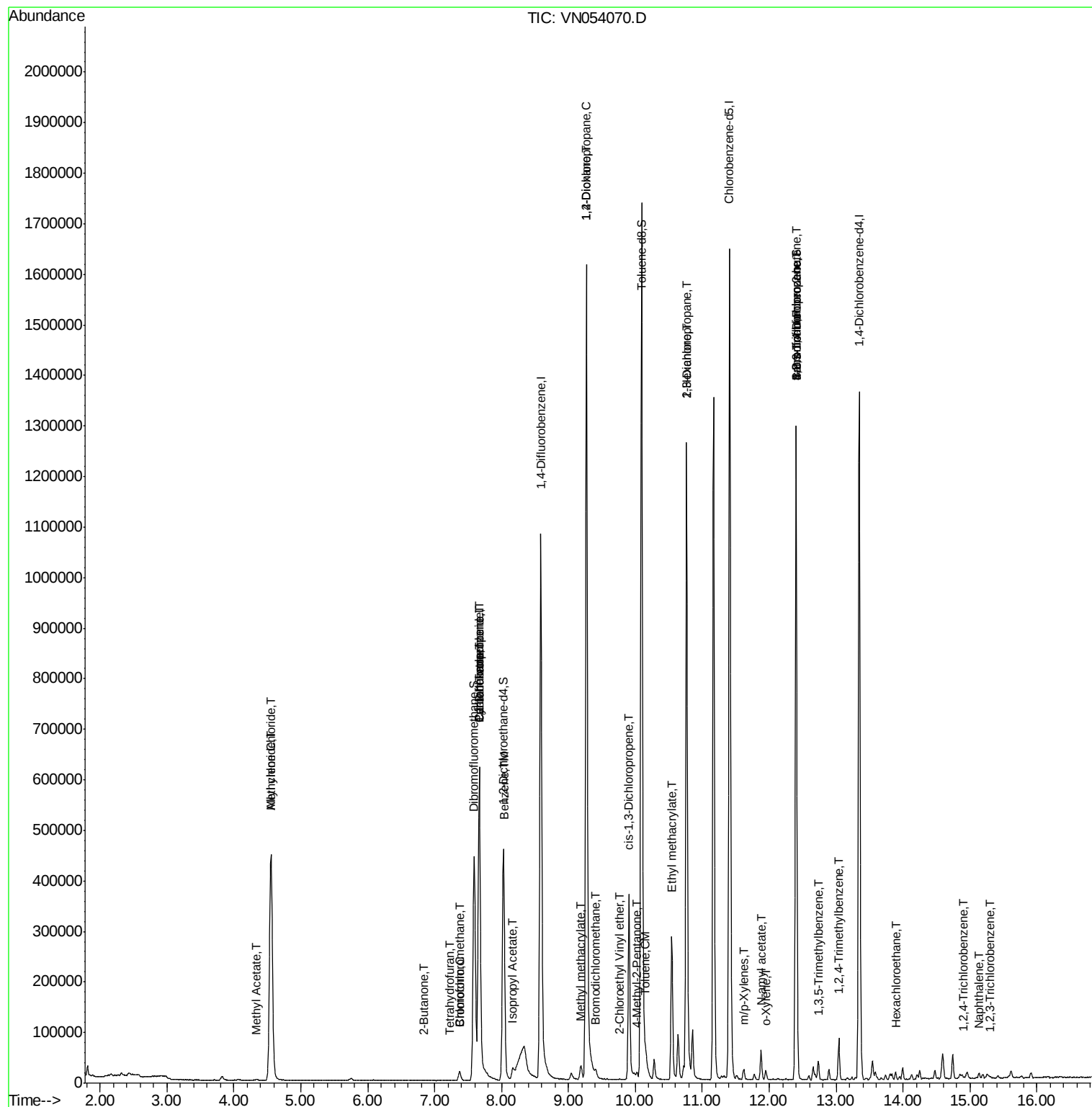
Quant Time: Mar 04 23:55:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
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Response via : Initial Calibration

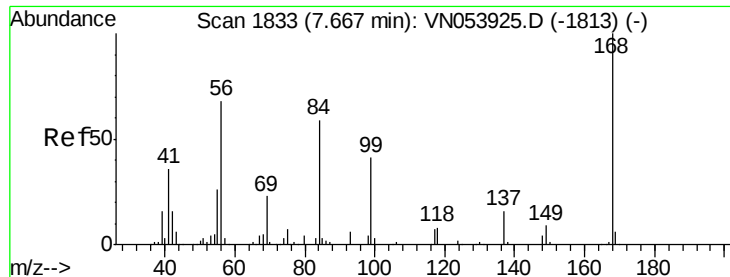
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.14	128	8269	3.730	ug/l	97
96) 1,2,3-Trichlorobenzene	15.31	180	602	1.646	ug/l #	69

(#) = 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: VN054070.D

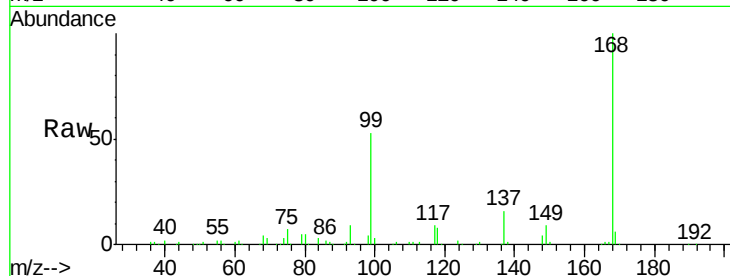
Acq: 4 Mar 2019 17:20

Tot Ion:168 Resp: 553367

Ion Ratio Lower Upper

168 100

99 52.7 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

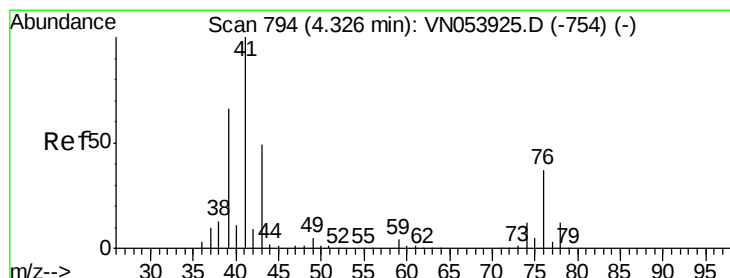
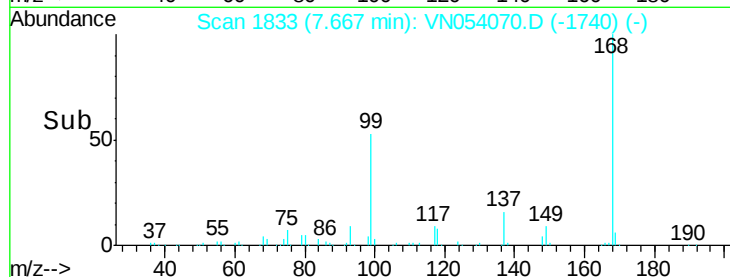
100000

50000

0

7.60 7.70 7.80

Time-->



#14

Allyl chloride

Concen: 1.402 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.23 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

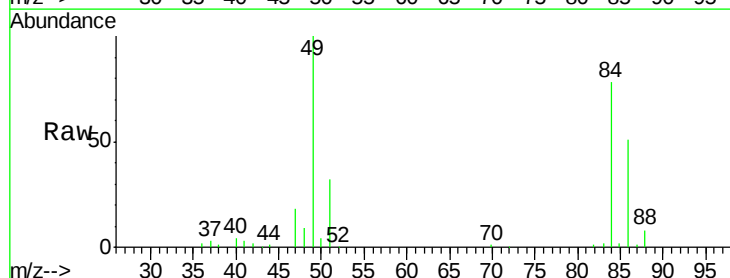
Tgt Ion: 41 Resp: 13431

Ion Ratio Lower Upper

41 100

39 0.0 48.8 73.2#

76 0.0 30.9 46.3#



Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO

4.56

6000

5000

4000

3000

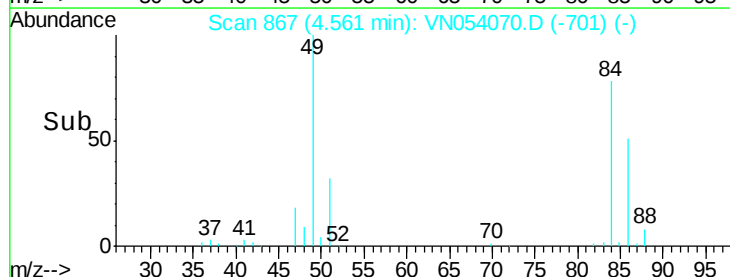
2000

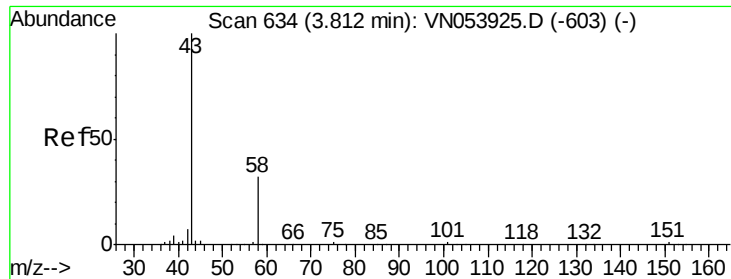
1000

0

4.45 4.50 4.55 4.60 4.65

Time-->





#16

Acetone

Concen: Below Cal

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN054070.D

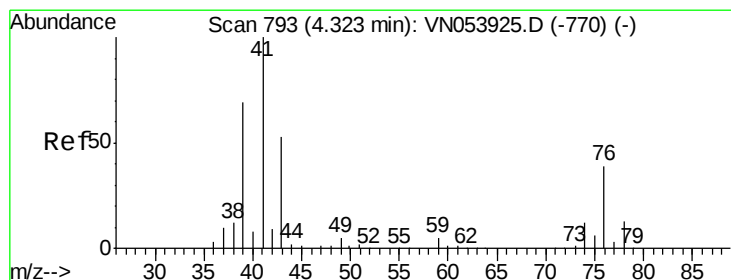
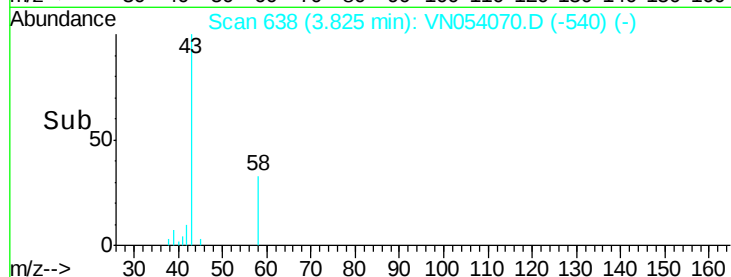
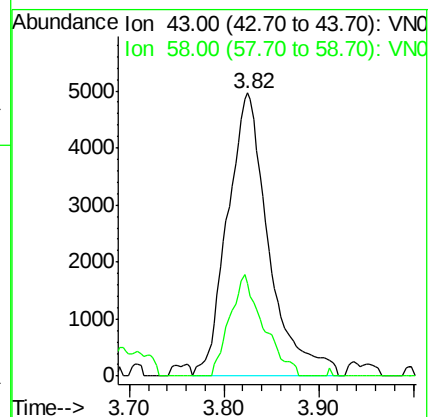
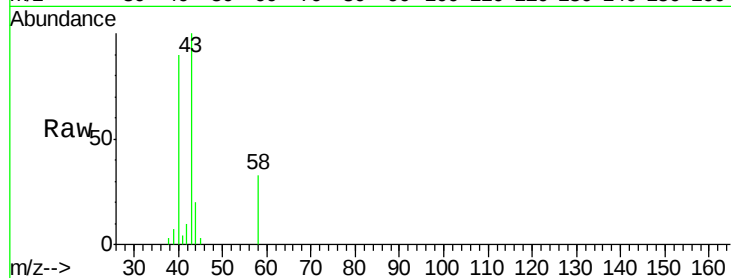
Acq: 4 Mar 2019 17:20

Tot Ion: 43 Resp: 15044

Ion Ratio Lower Upper

43 100

58 32.8 27.6 41.4



#18

Methyl Acetate

Concen: 0.693 ug/l

RT: 4.34 min Scan# 798

Delta R.T. 0.02 min

Lab File: VN054070.D

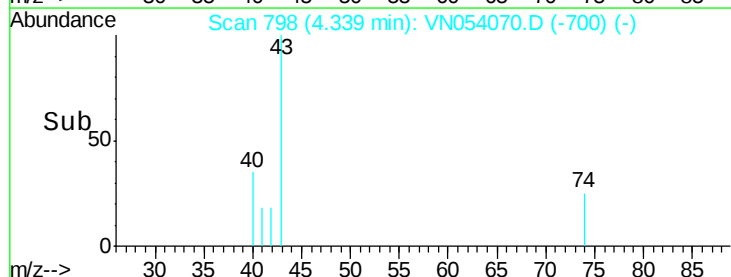
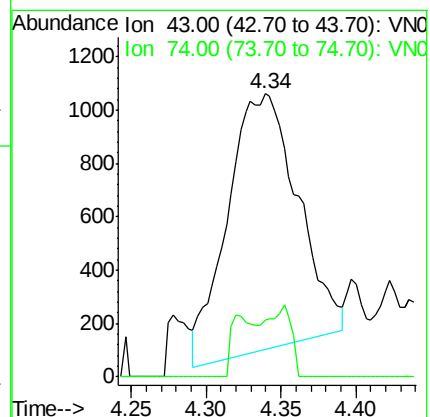
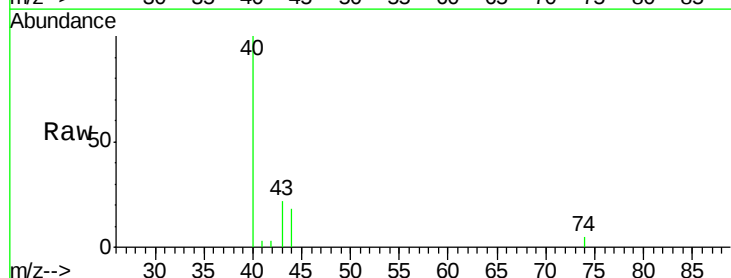
Acq: 4 Mar 2019 17:20

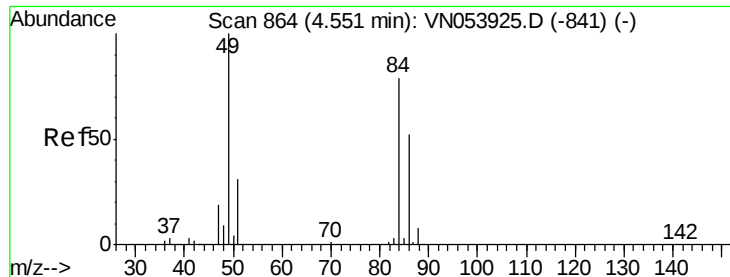
Tgt Ion: 43 Resp: 3144

Ion Ratio Lower Upper

43 100

74 7.6 20.5 30.7#

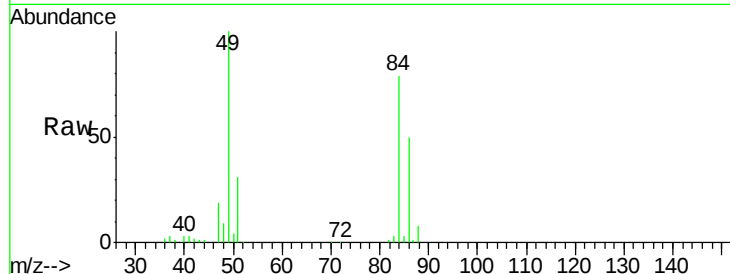




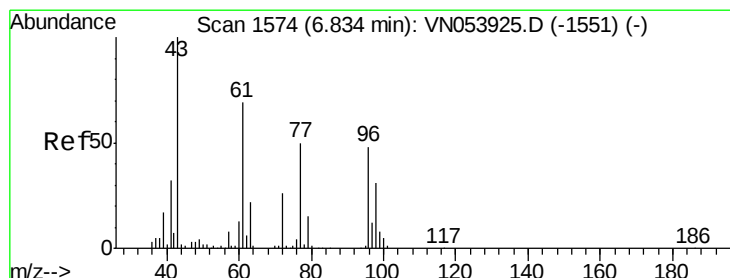
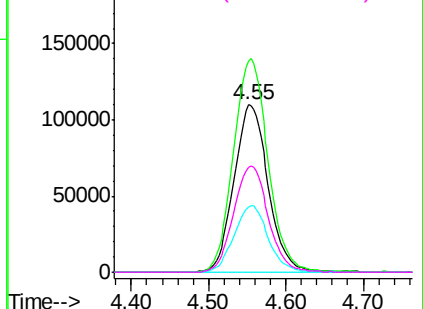
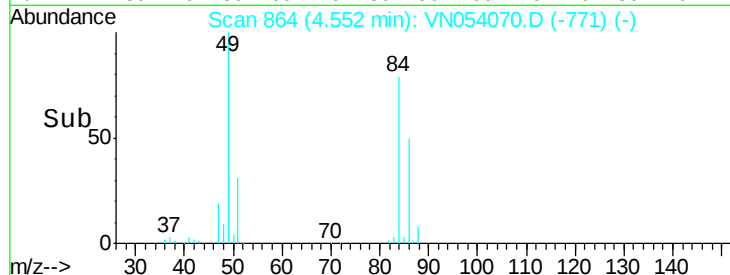
#20
Methvlene Chloride
Concen: 52.437 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tot Ion: 84 Resp: 336650

Ion	Ratio	Lower	Upper
84	100		
49	126.6	89.7	134.5
51	39.1	27.8	41.8
86	63.0	51.3	76.9



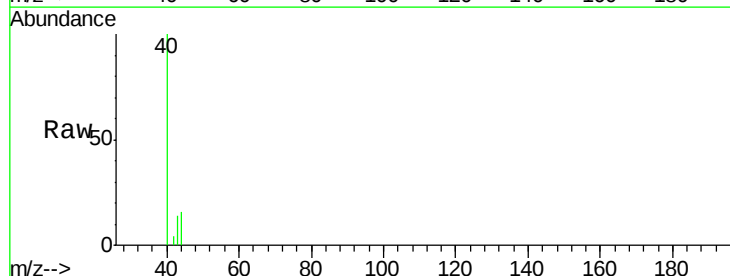
Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO



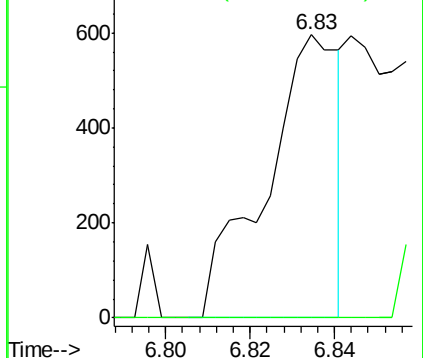
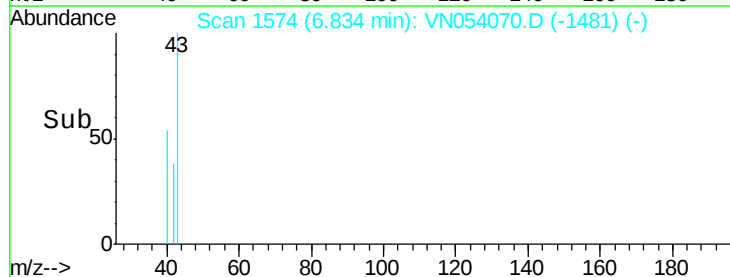
#25
2-Butanone
Concen: 0.281 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

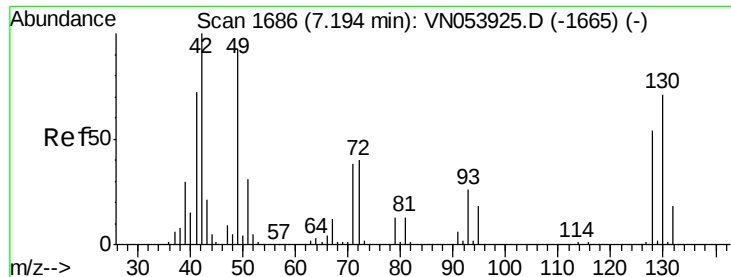
Tgt Ion: 43 Resp: 715

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.1	33.1#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 72.00 (71.70 to 72.70): VNO





#28

Bromochloromethane

Concen: 0.272 ug/l

RT: 7.38 min Scan# 1744

Delta R.T. 0.19 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

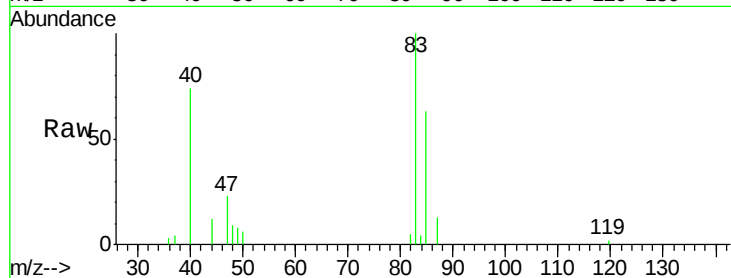
Tot Ion: 49 Resp: 1410

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

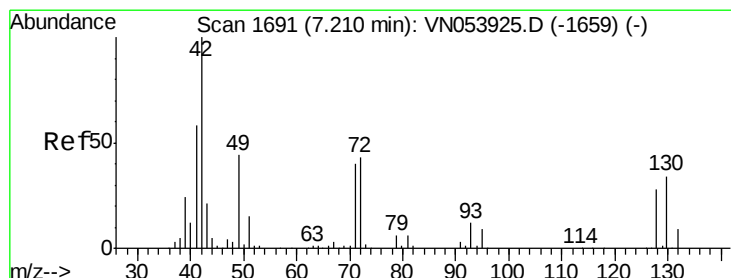
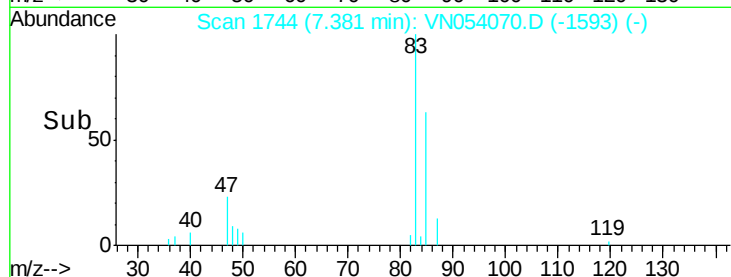
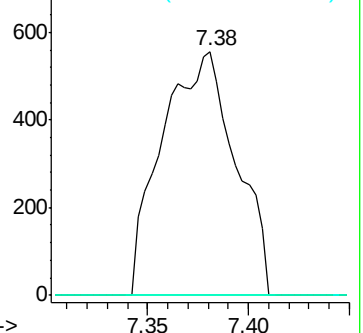
130 0.0 72.9 109.3#



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: 0.340 ug/l

RT: 7.22 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

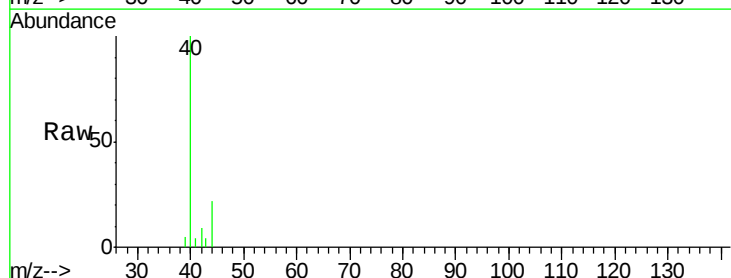
Tgt Ion: 42 Resp: 576

Ion Ratio Lower Upper

42 100

72 13.9 36.9 55.3#

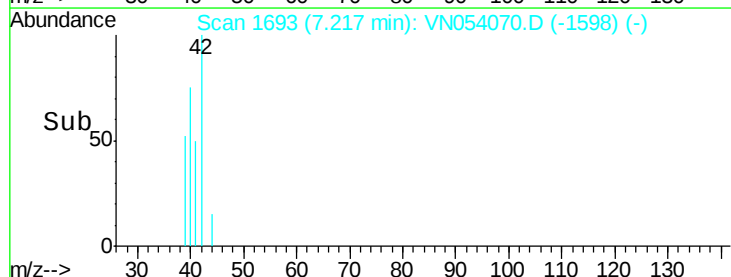
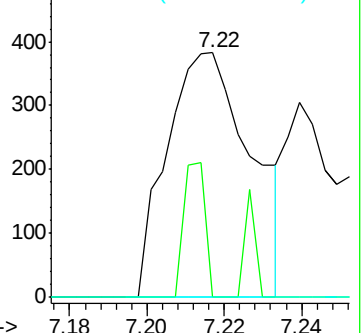
71 0.0 34.6 52.0#

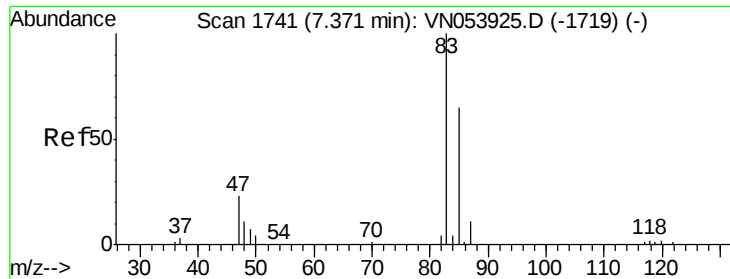


Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0





#30

Chloroform

Concen: 1.723 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054070.D

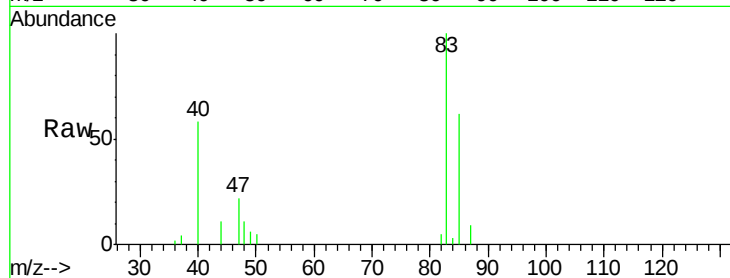
Acq: 4 Mar 2019 17:20

Tot Ion: 83 Resp: 18939

Ion Ratio Lower Upper

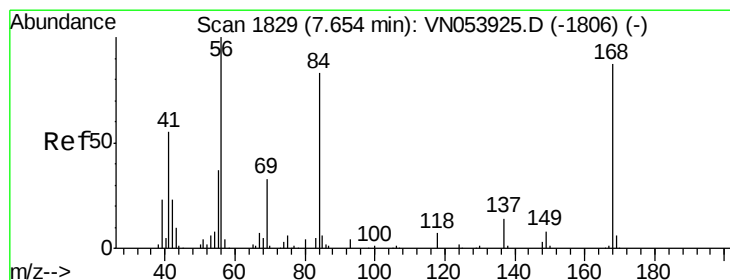
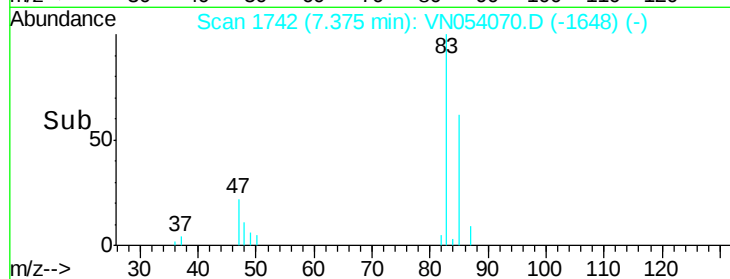
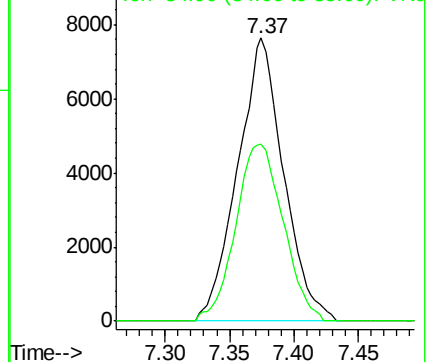
83 100

85 62.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 84.90 (84.60 to 85.60): VNC



#31

Cyclohexane

Concen: 0.589 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.02 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

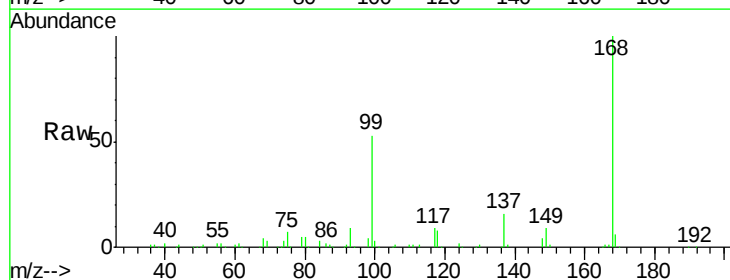
Tgt Ion: 56 Resp: 10313

Ion Ratio Lower Upper

56 100

69 155.6 26.0 39.0#

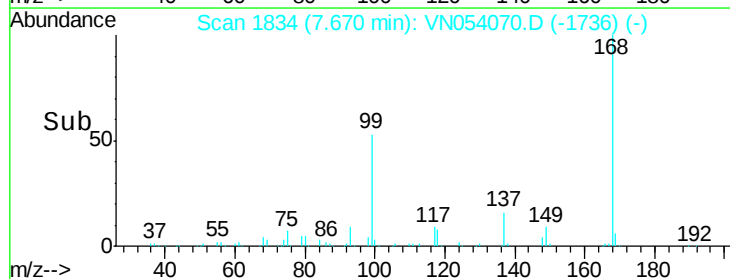
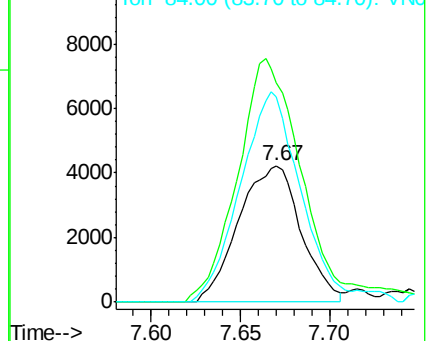
84 150.0 69.1 103.7#

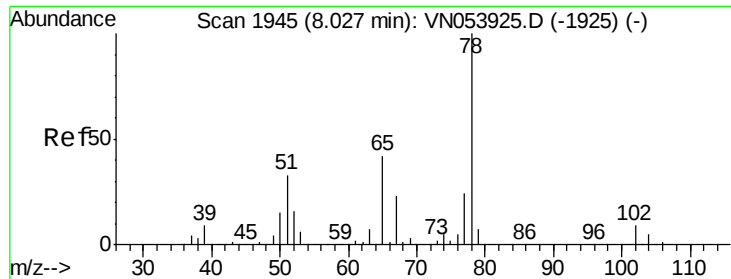


Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 69.00 (68.70 to 69.70): VNC

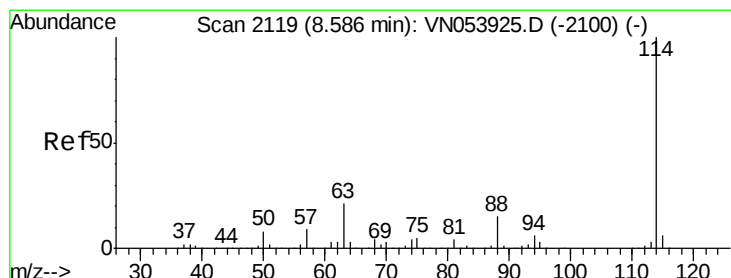
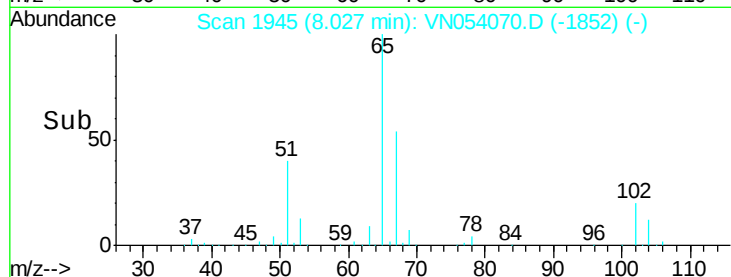
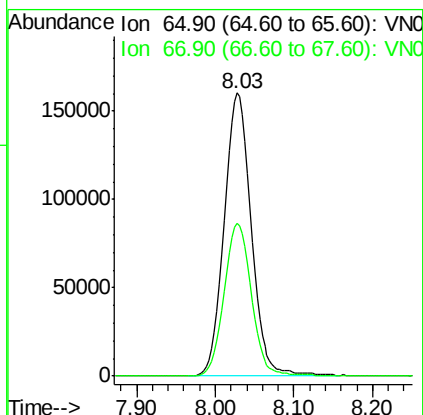
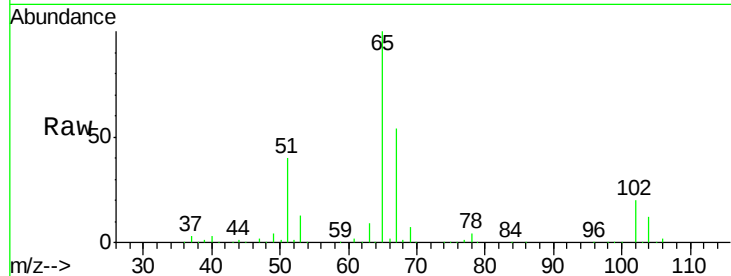
Ion 84.00 (83.70 to 84.70): VNC





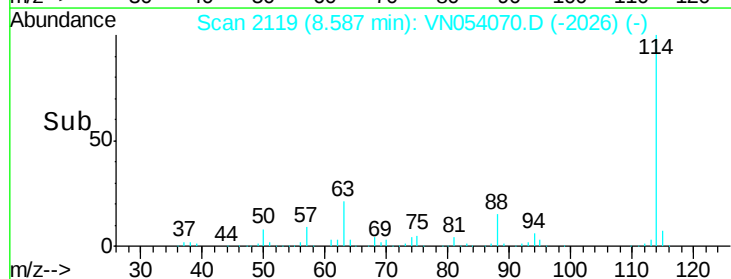
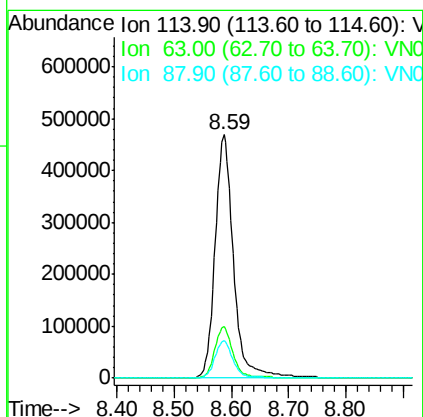
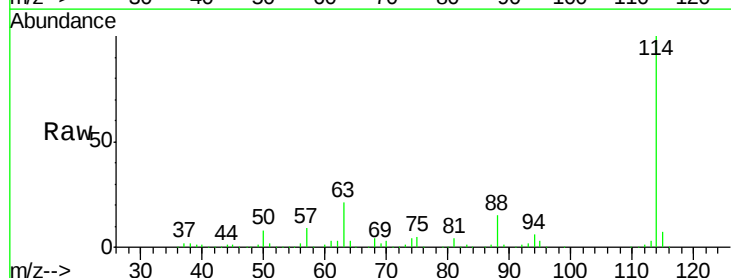
#33
 1,2-Dichloroethane-d4
 Concen: 58.894 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

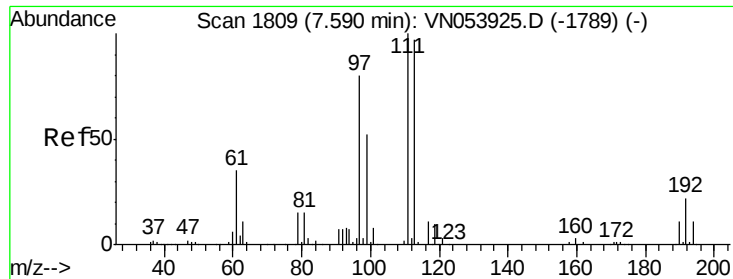
Tot Ion: 65 Resp: 382029
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

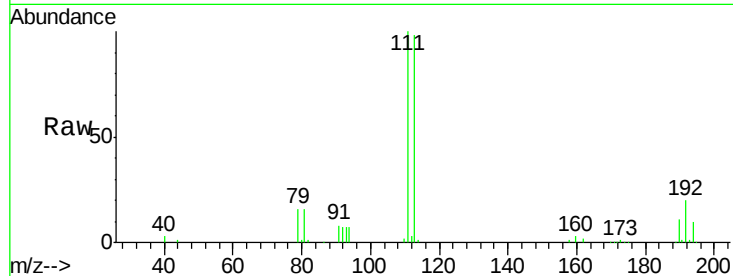
Tgt Ion: 114 Resp: 1054649
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 37.4
 88 15.3 0.0 30.4



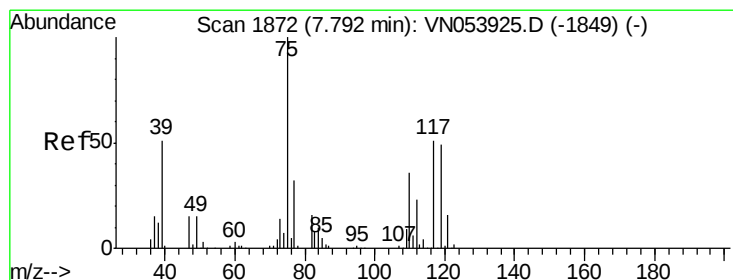
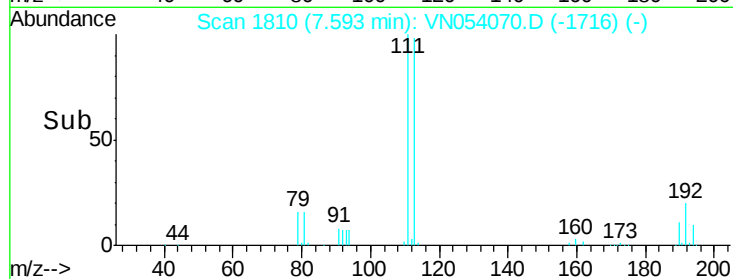
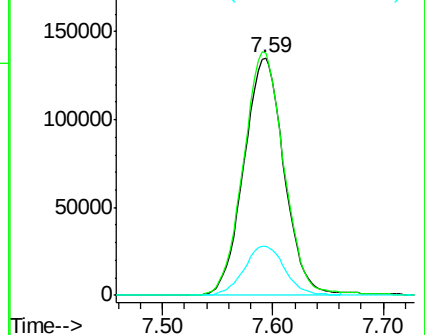


#35
Dibromofluoromethane
Concen: 49.840 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tot Ion:113 Resp: 339906
Ion Ratio Lower Upper
113 100
111 104.6 81.1 121.7
192 21.1 18.8 28.2

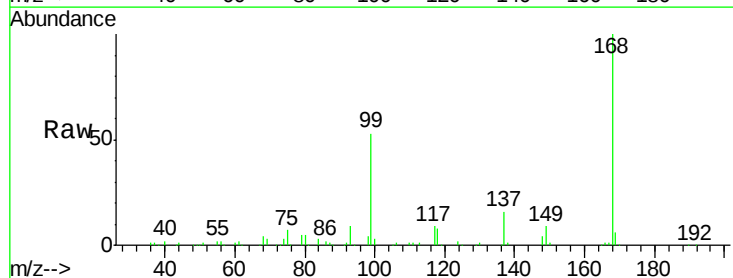


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

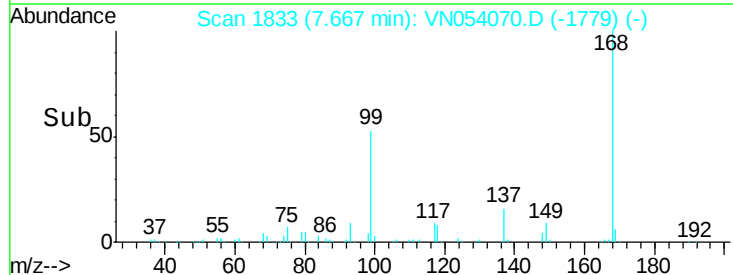
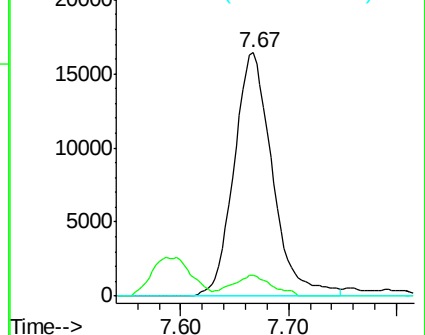


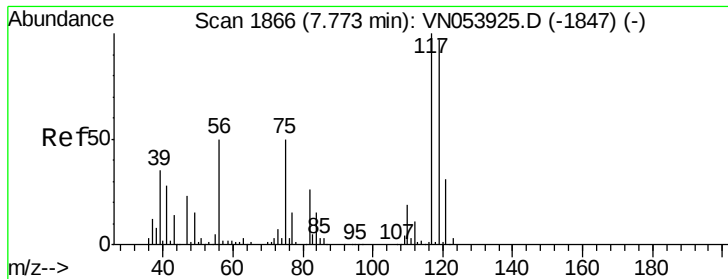
#36
1,1-Dichloropropene
Concen: 4.159 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. -0.13 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tgt Ion: 75 Resp: 40788
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.4 38.0#



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





#38

Carbon Tetrachloride

Concen: 4.962 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.11 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

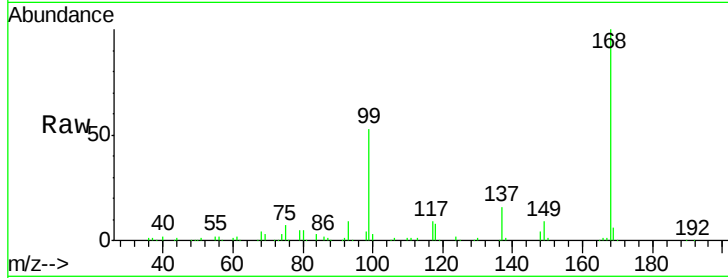
Tot Ion:117 Resp: 50611

Ion Ratio Lower Upper

117 100

119 5.4 76.2 114.2#

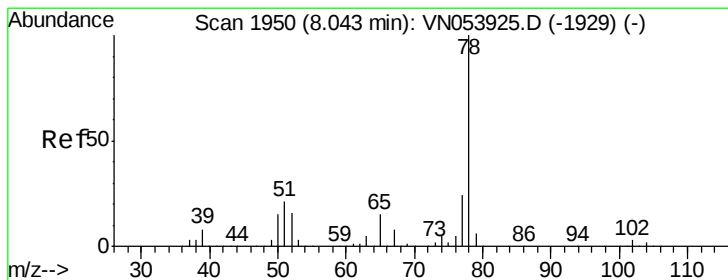
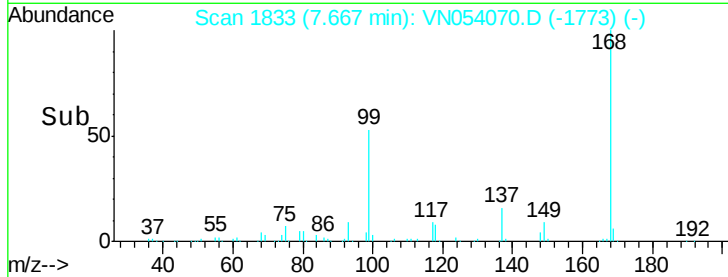
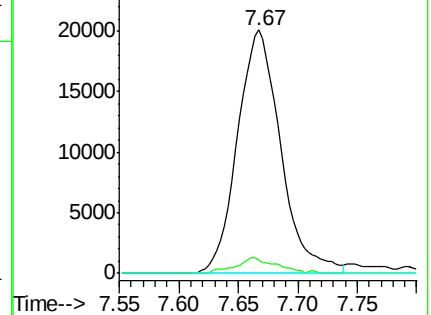
121 0.0 24.6 36.8#



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



#40

Benzene

Concen: 0.751 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN054070.D

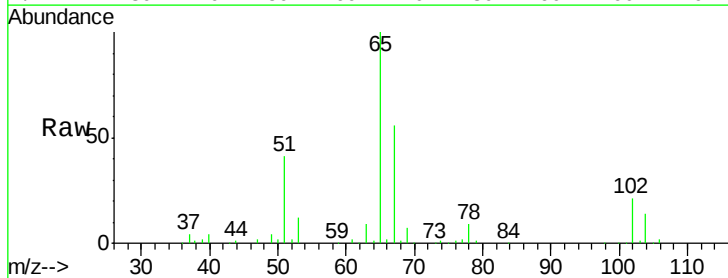
Acq: 4 Mar 2019 17:20

Tgt Ion: 78 Resp: 22624

Ion Ratio Lower Upper

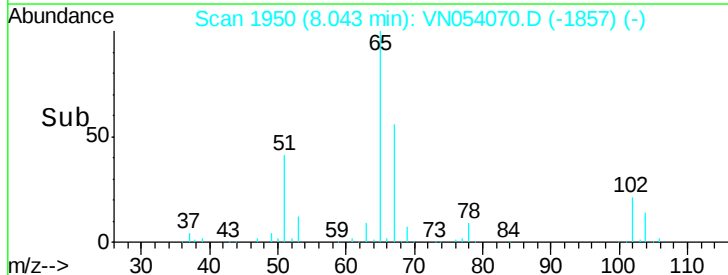
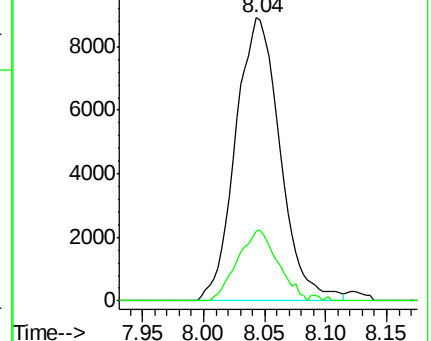
78 100

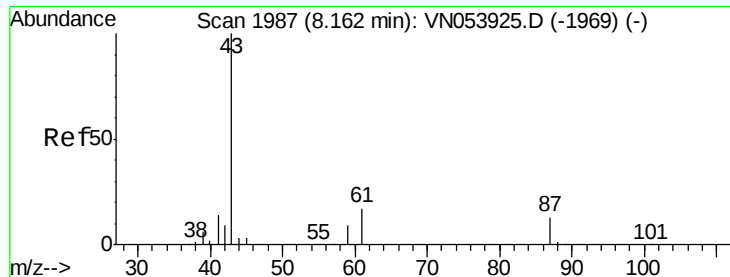
77 24.6 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN

Ion 77.00 (76.70 to 77.70): VN





#43

Isopropyl Acetate

Concen: 2.755 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

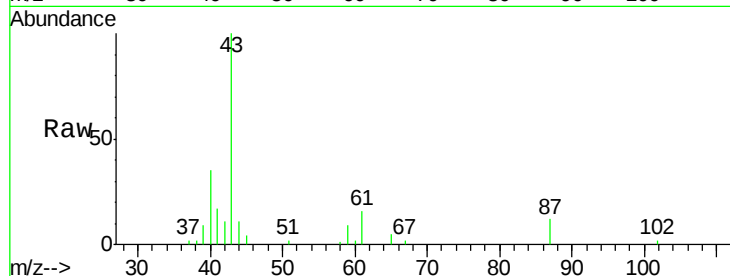
Tot Ion: 43 Resp: 32581

Ion Ratio Lower Upper

43 100

61 15.8 17.4 26.0#

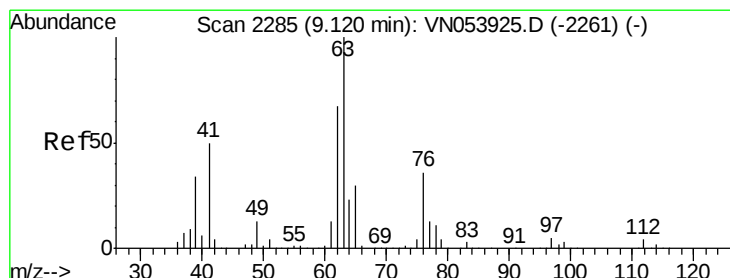
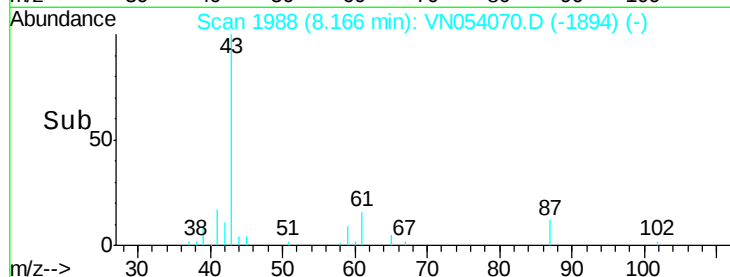
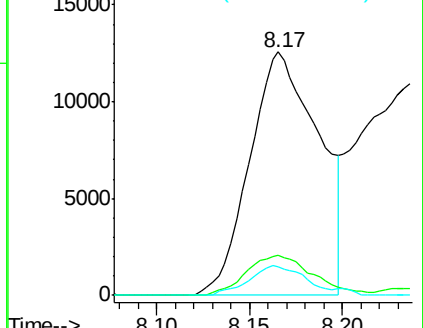
87 10.6 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN054070.D (-2192) (-)

Ion 61.00 (60.70 to 61.70): VN054070.D (-2192) (-)

Ion 87.00 (86.70 to 87.70): VN054070.D (-2192) (-)



#45

1,2-Dichloropropane

Concen: 0.275 ug/l

RT: 9.27 min Scan# 2330

Delta R.T. 0.14 min

Lab File: VN054070.D

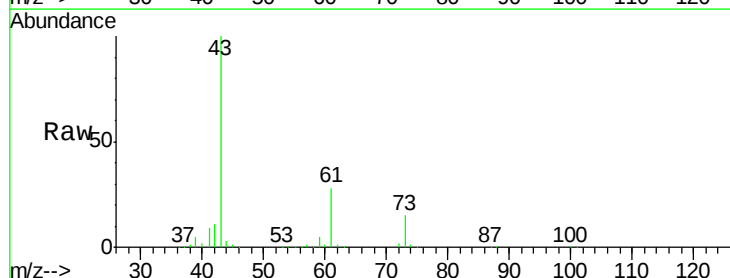
Acq: 4 Mar 2019 17:20

Tgt Ion: 63 Resp: 2235

Ion Ratio Lower Upper

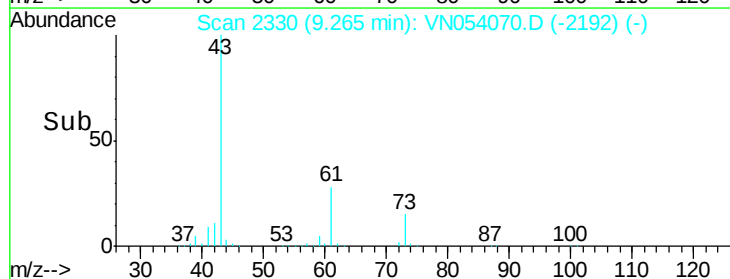
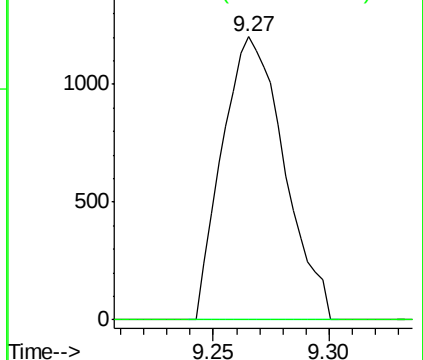
63 100

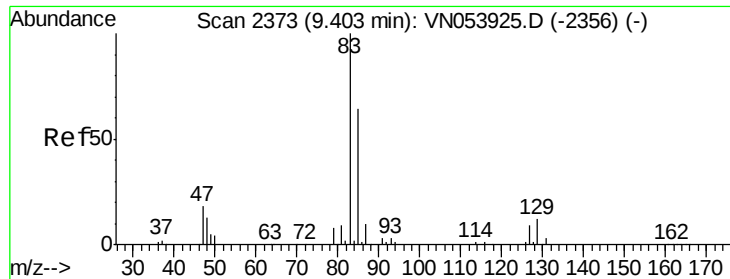
65 0.0 24.3 36.5#



Abundance Ion 62.90 (62.60 to 63.60): VN054070.D (-2192) (-)

Ion 64.90 (64.60 to 65.60): VN054070.D (-2192) (-)





#47

Bromodichloromethane

Concen: 0.315 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

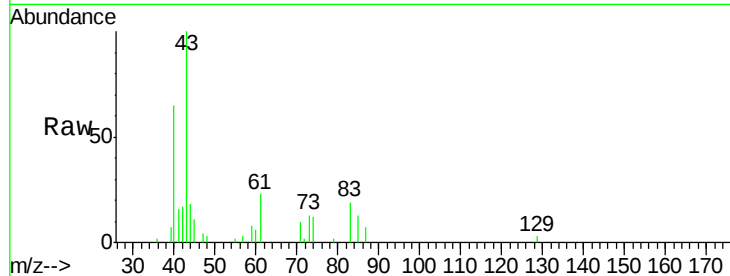
Tot Ion: 83 Resp: 3137

Ion Ratio Lower Upper

83 100

85 64.4 51.8 77.6

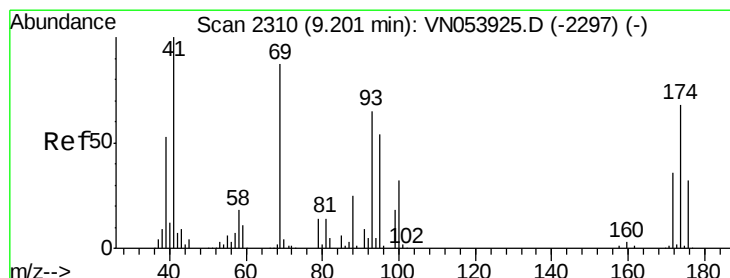
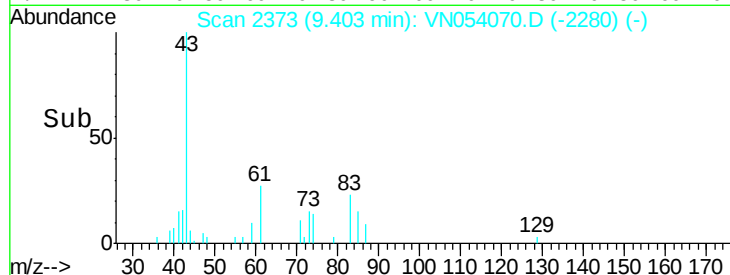
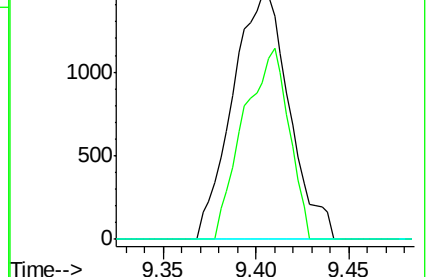
127 0.0 7.4 11.0#



Abundance Ion 82.90 (82.60 to 83.60): VN054070.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054070.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054070.D (-2280) (-)



#48

Methyl methacrylate

Concen: 1.950 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.02 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

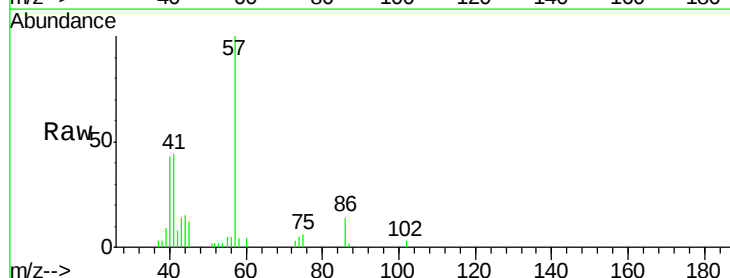
Tgt Ion: 41 Resp: 10604

Ion Ratio Lower Upper

41 100

69 0.0 74.8 112.2#

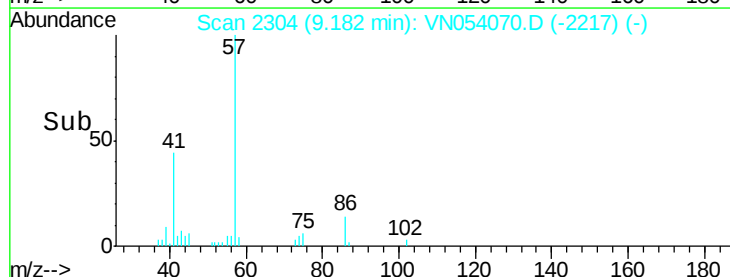
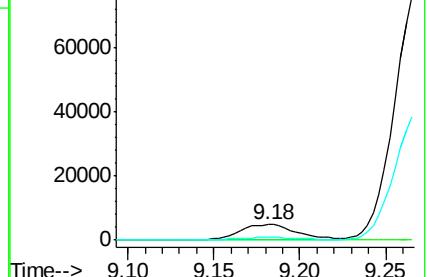
39 0.0 39.0 58.6#

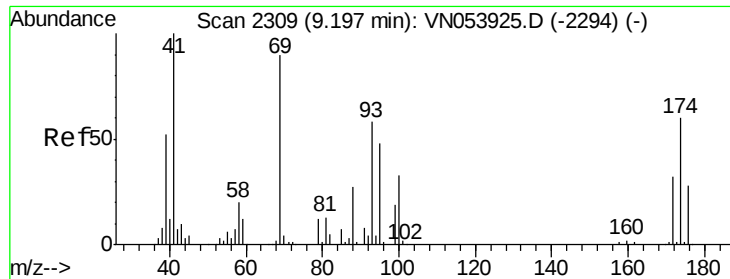


Abundance Ion 41.00 (40.70 to 41.70): VN054070.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054070.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054070.D (-2217) (-)





#49

1,4-Dioxane

Concen: 0.814 ug/l

RT: 9.26 min Scan# 2329

Delta R.T. 0.06 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

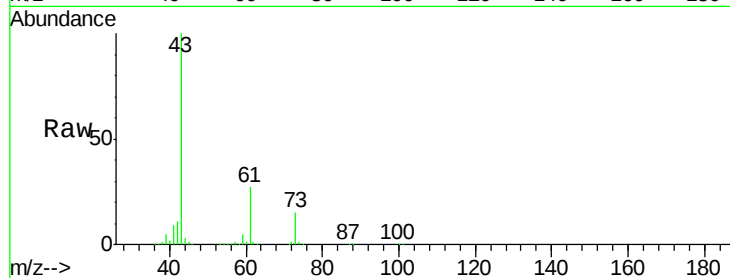
Tot Ion: 88 Resp: 60

Ion Ratio Lower Upper

88 100

43 2903160.0 21.2 31.8#

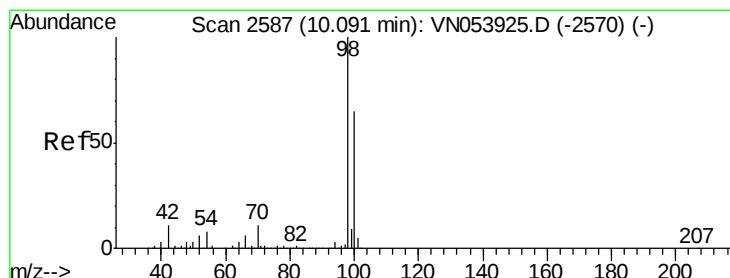
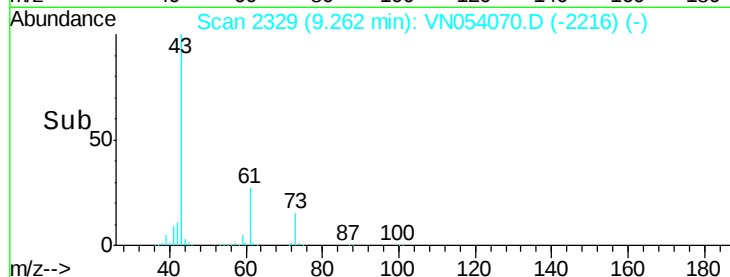
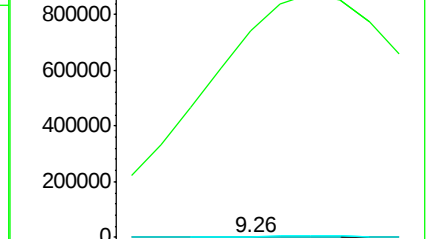
58 15036.7 54.2 81.2#



Abundance Ion 88.00 (87.70 to 88.70): VN054070.D (-2216) (-)

Ion 43.00 (42.70 to 43.70): VN054070.D (-2216) (-)

Ion 58.00 (57.70 to 58.70): VN054070.D (-2216) (-)



#50

Toluene-d8

Concen: 53.166 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054070.D

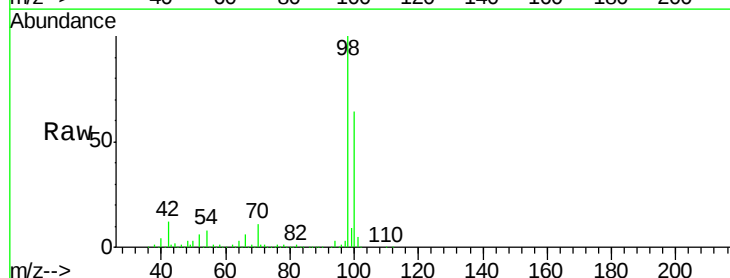
Acq: 4 Mar 2019 17:20

Tgt Ion: 98 Resp: 1349772

Ion Ratio Lower Upper

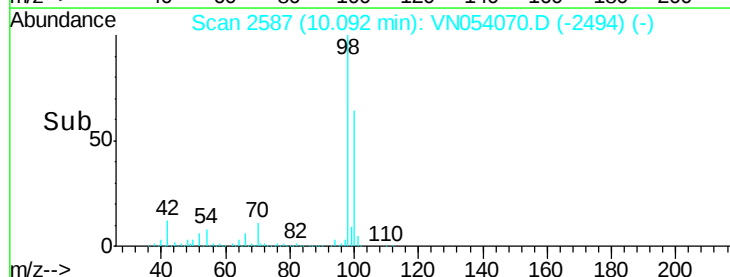
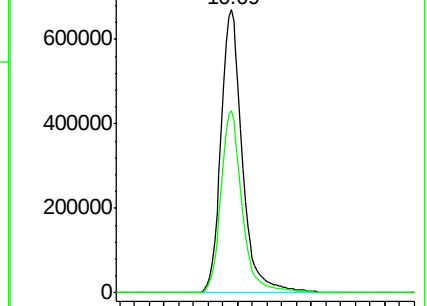
98 100

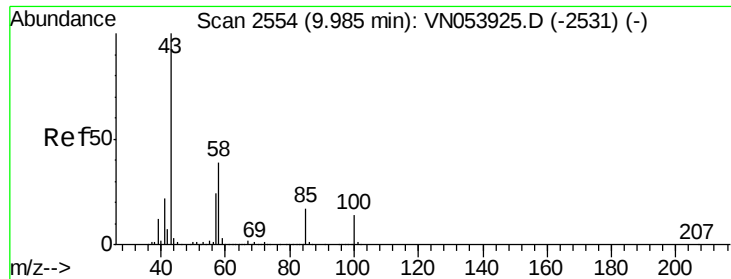
100 63.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN054070.D (-2494) (-)

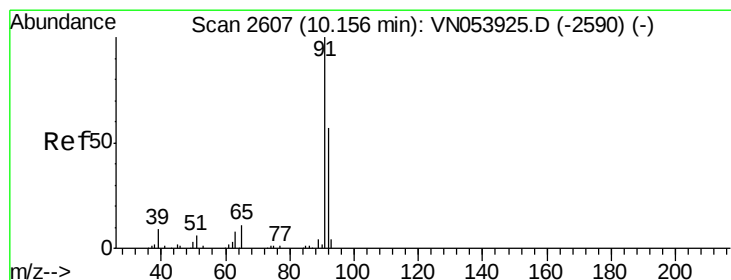
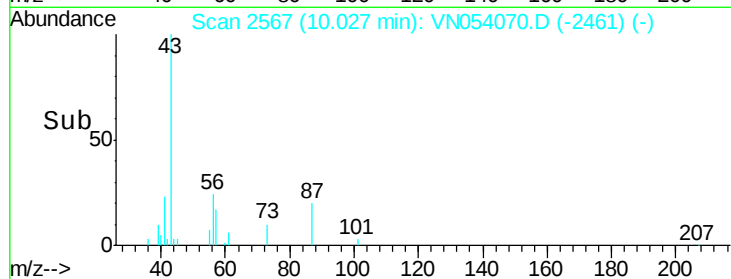
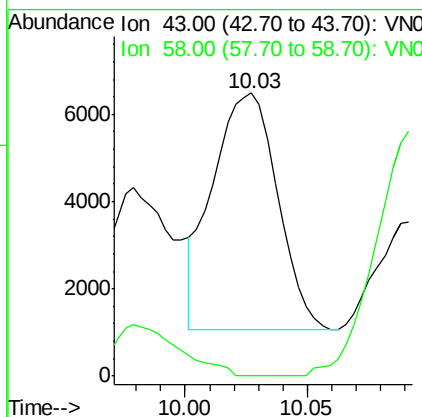
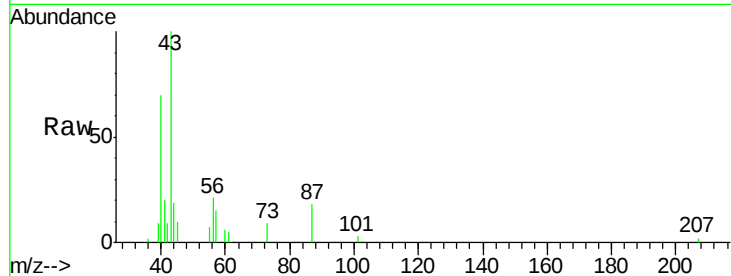
Ion 100.00 (99.70 to 100.70): VN054070.D (-2494) (-)





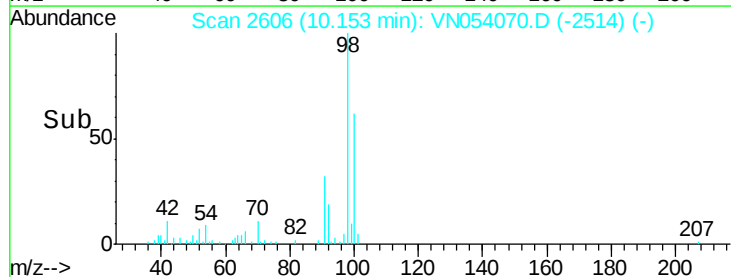
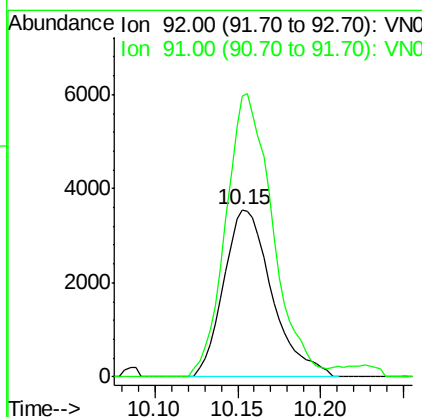
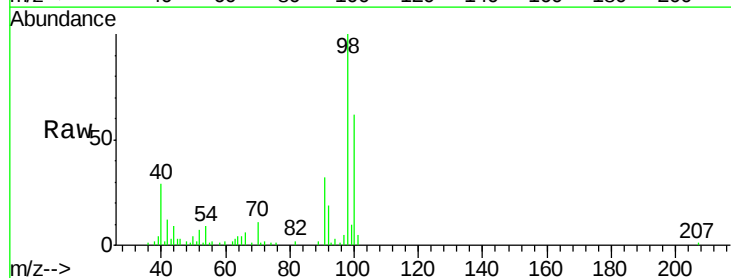
#51
 4-Methyl-2-Pentanone
 Concen: 1.648 ug/l
 RT: 10.03 min Scan# 2567
 Delta R.T. 0.04 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

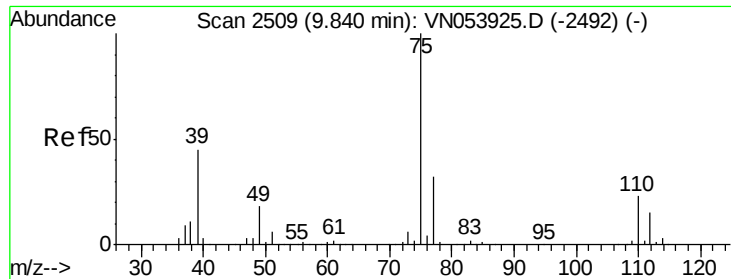
Tot Ion: 43 Resp: 10011
 Ion Ratio Lower Upper
 43 100
 58 0.0 32.7 49.1#



#52
 Toluene
 Concen: 0.406 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. -0.00 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

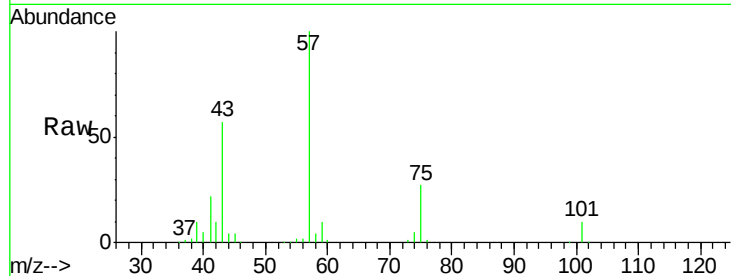
Tgt Ion: 92 Resp: 7199
 Ion Ratio Lower Upper
 92 100
 91 164.5 138.4 207.6



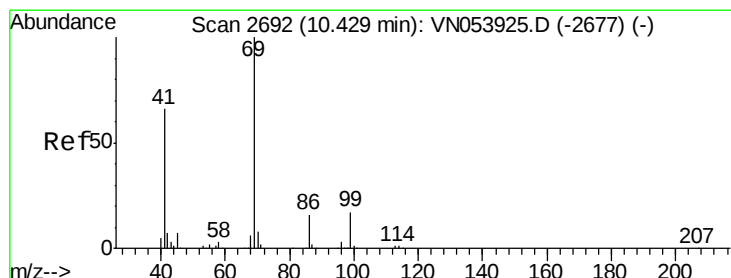
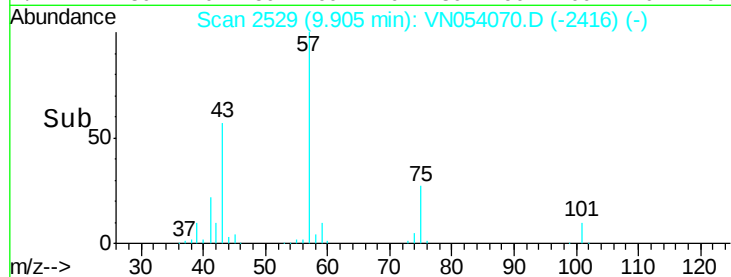
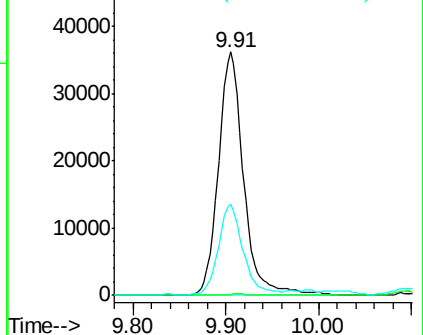


#54
 cis-1,3-Dichloropropene
 Concen: 5.987 ug/l
 RT: 9.91 min Scan# 2529
 Delta R.T. 0.06 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

Tot Ion: 75 Resp: 68304
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.8 38.6#
 39 37.5 31.4 47.0

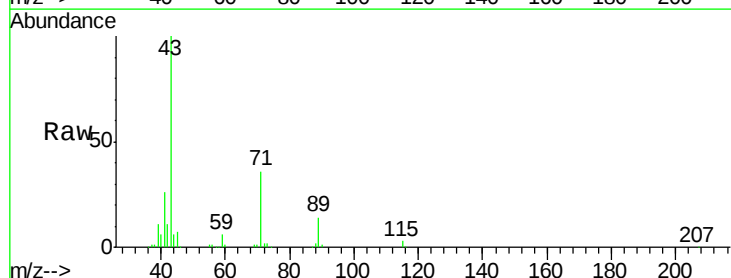


Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 76.90 (76.60 to 77.60): VN0
 Ion 39.00 (38.70 to 39.70): VN0

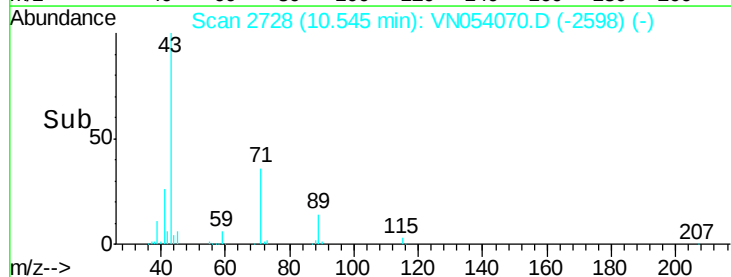
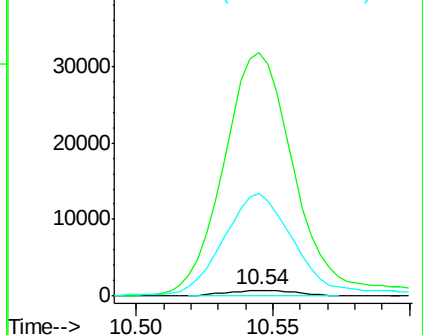


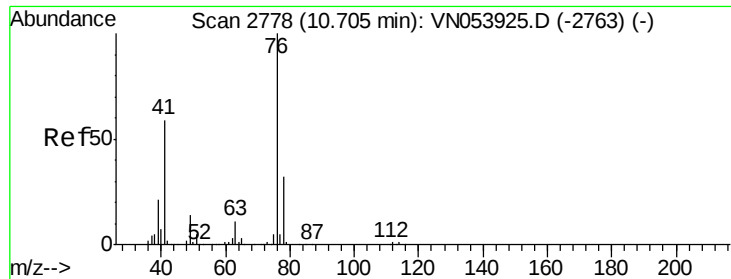
#56
 Ethyl methacrylate
 Concen: 2.101 ug/l
 RT: 10.54 min Scan# 2728
 Delta R.T. 0.12 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

Tgt Ion: 69 Resp: 1325
 Ion Ratio Lower Upper
 69 100
 41 4396.4 47.5 71.3#
 39 1875.1 23.4 35.0#



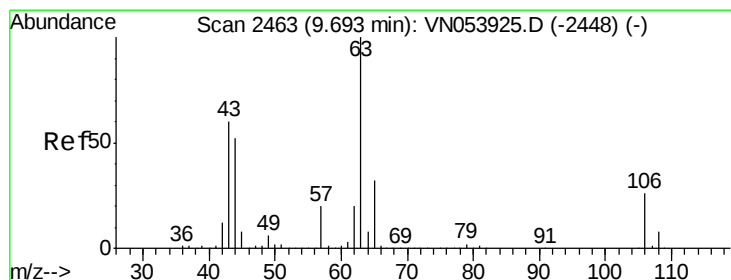
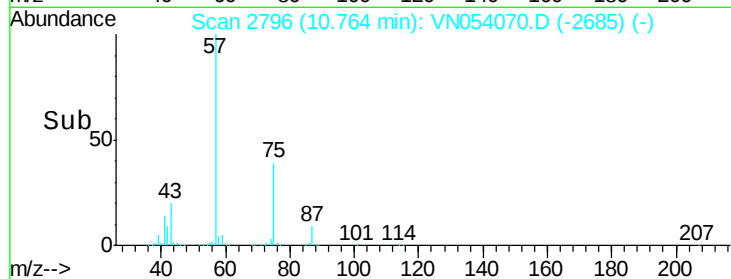
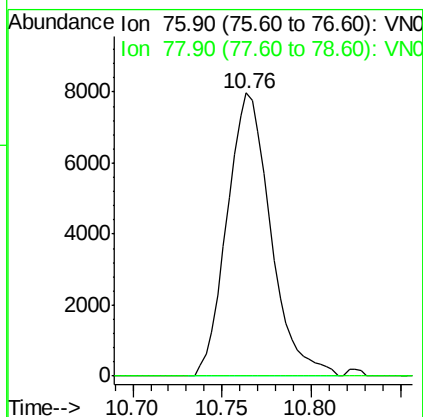
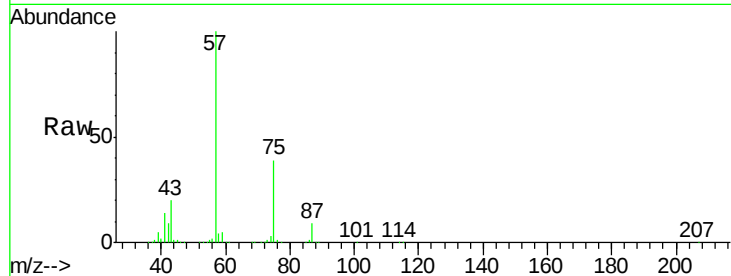
Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





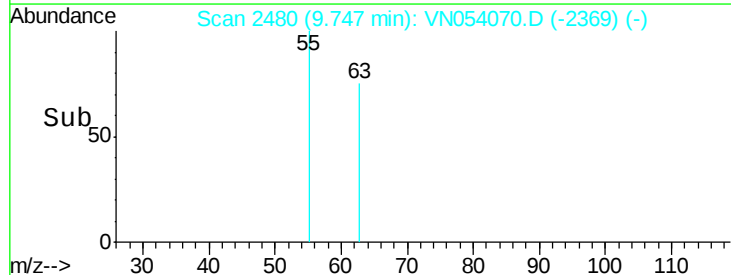
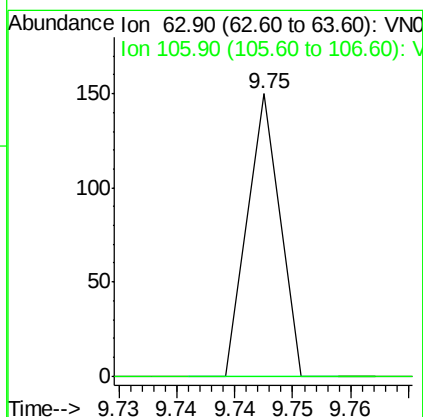
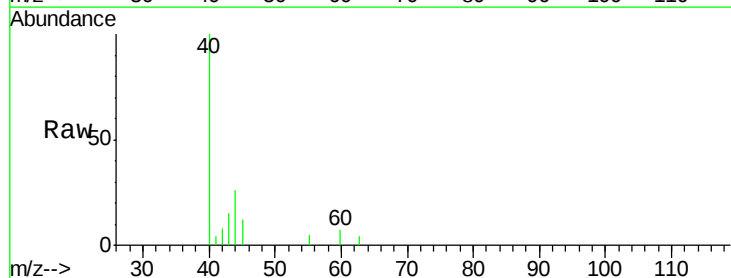
#57
 1,3-Dichloropropane
 Concen: 1.214 ug/l
 RT: 10.76 min Scan# 2796
 Delta R.T. 0.06 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

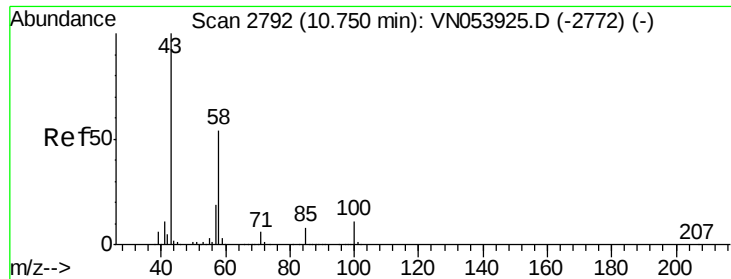
Tot Ion: 76 Resp: 13592
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.2 37.8#



#58
 2-Chloroethyl Vinyl ether
 Concen: 13.626 ug/l
 RT: 9.75 min Scan# 2480
 Delta R.T. 0.06 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

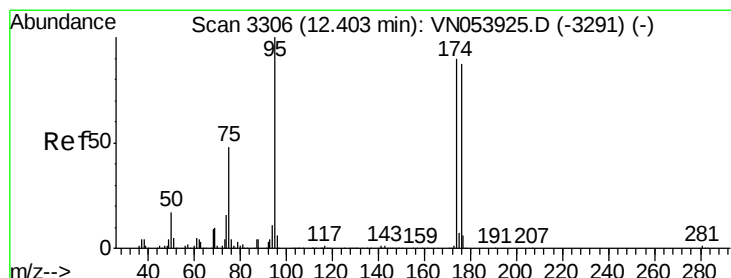
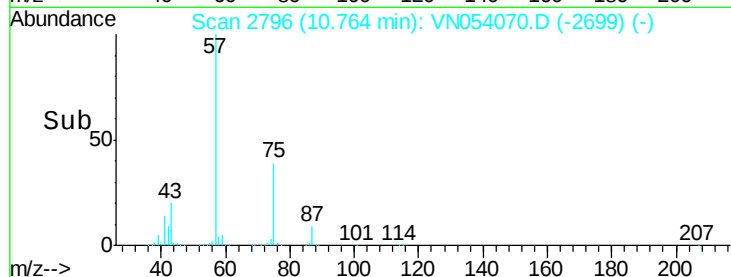
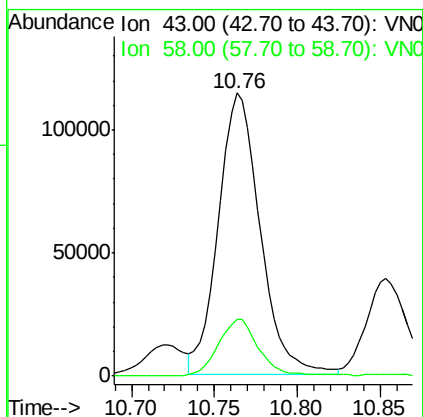
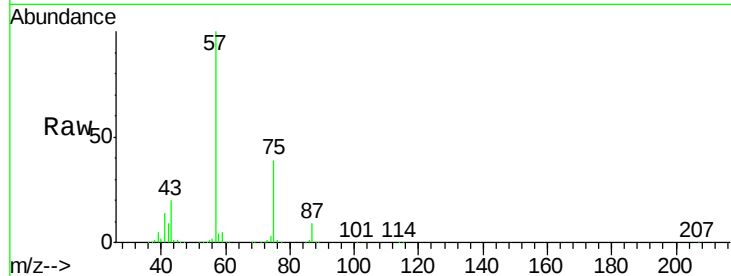
Tgt Ion: 63 Resp: 29
 Ion Ratio Lower Upper
 63 100
 106 0.0 22.2 33.2#





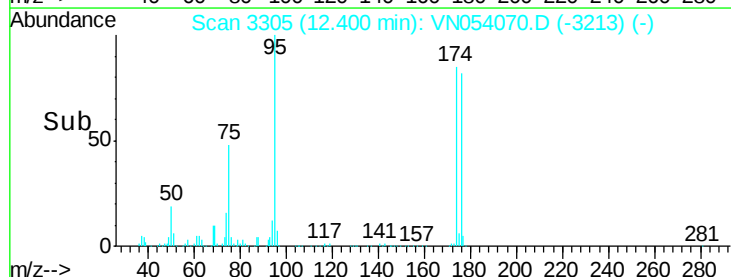
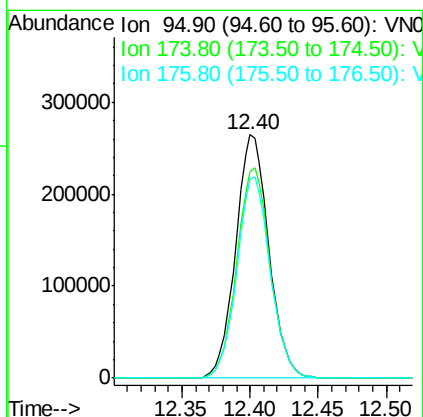
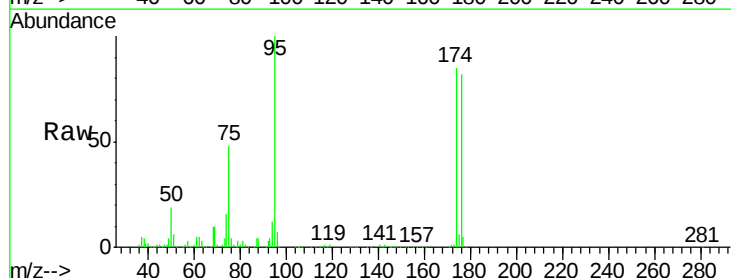
#59
2-Hexanone
Concen: 50.855 ug/l
RT: 10.76 min Scan# 2796
Delta R.T. 0.01 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

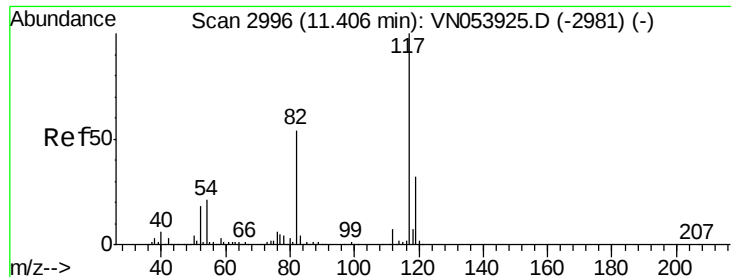
Tot Ion: 43 Resp: 200970
Ion Ratio Lower Upper
43 100
58 19.6 29.1 87.4#



#62
4-Bromofluorobenzene
Concen: 52.622 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

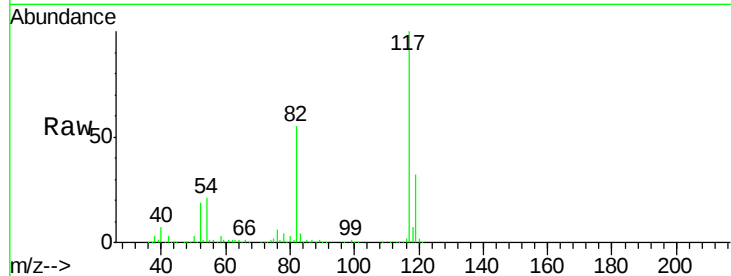
Tgt Ion: 95 Resp: 445103
Ion Ratio Lower Upper
95 100
174 87.4 0.0 188.8
176 83.4 0.0 182.6



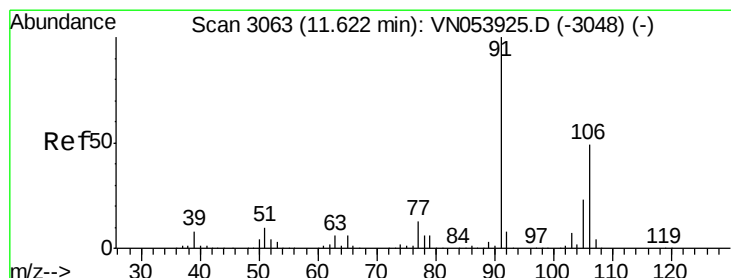
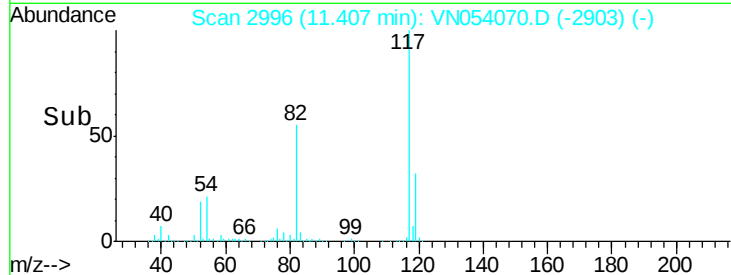
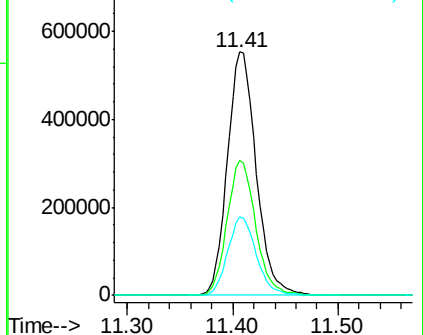


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tot Ion:117 Resp: 1045841
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.2
119 32.1 25.3 37.9

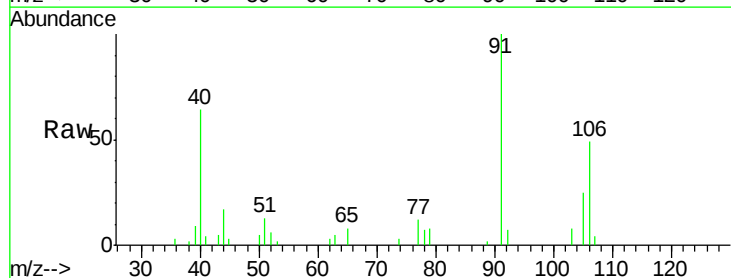


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

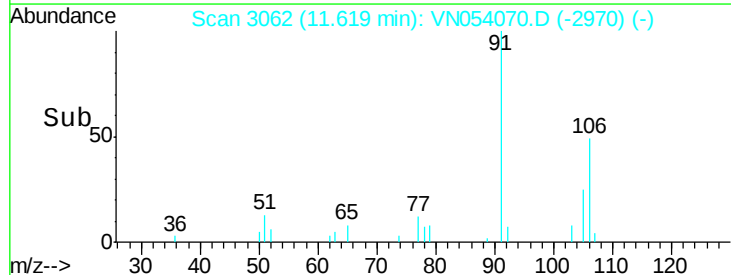
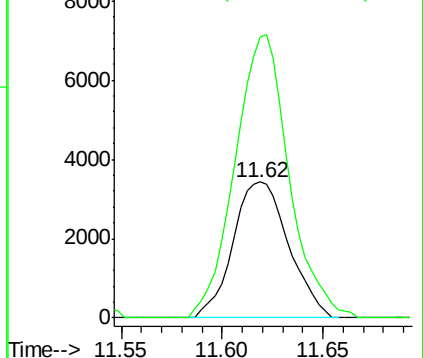


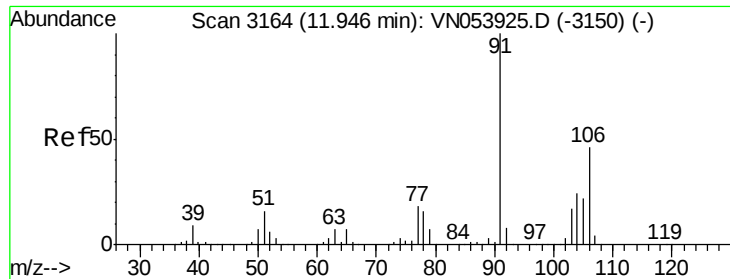
#68
m/p-Xylenes
Concen: 0.472 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tgt Ion:106 Resp: 6592
Ion Ratio Lower Upper
106 100
91 203.3 158.9 238.3



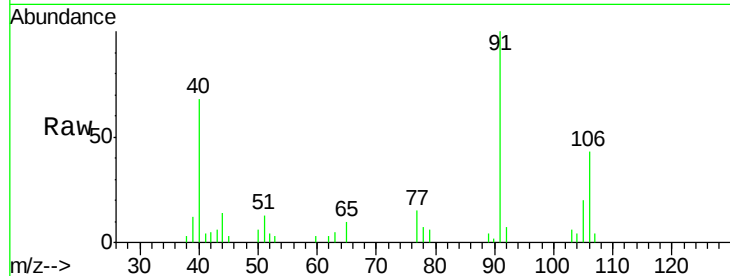
Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0



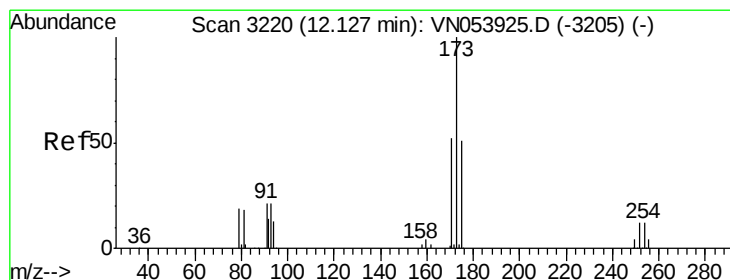
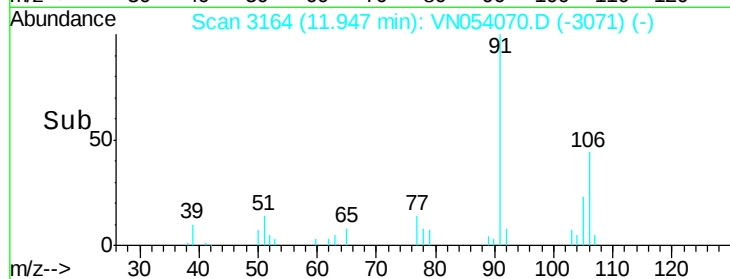
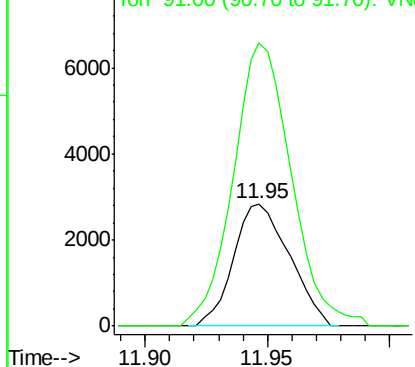


#69
o-Xylene
Concen: 0.329 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tot Ion:106 Resp: 4511
Ion Ratio Lower Upper
106 100
91 240.7 106.0 318.0

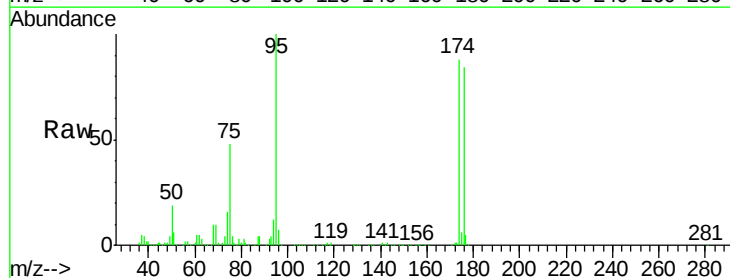


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

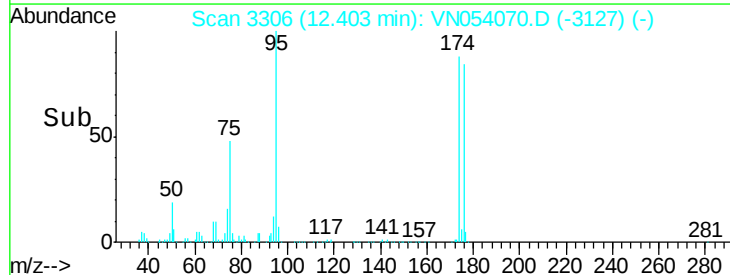
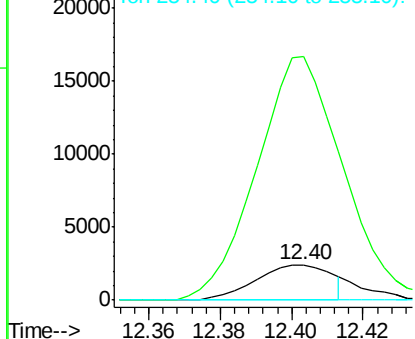


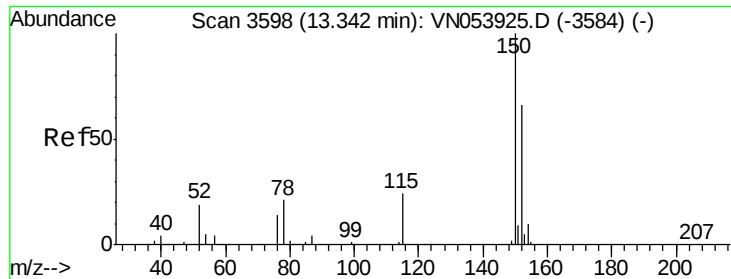
#71
Bromoform
Concen: 0.640 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.28 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tgt Ion:173 Resp: 3541
Ion Ratio Lower Upper
173 100
175 670.9 24.3 72.8#
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

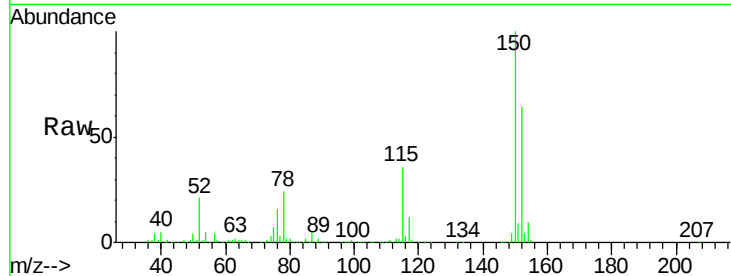




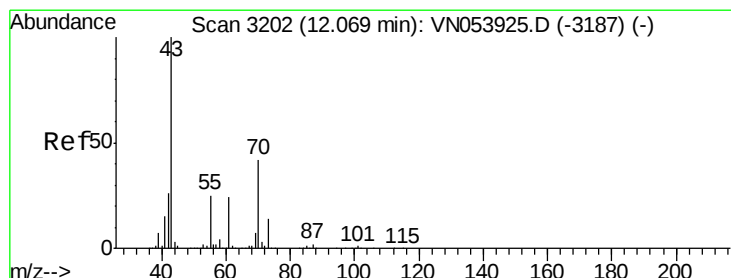
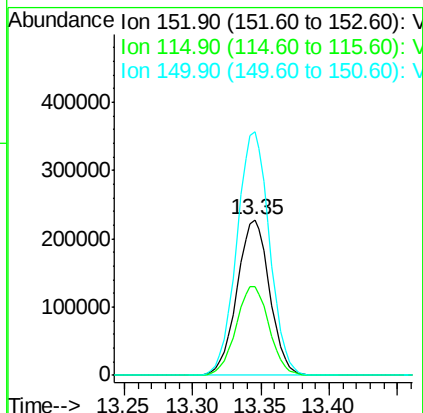
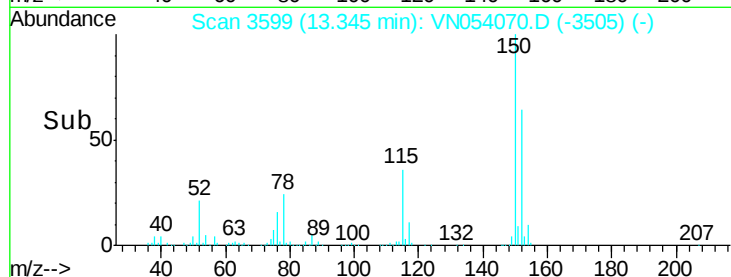
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	27.2	81.6
150	157.4	0.0	348.2



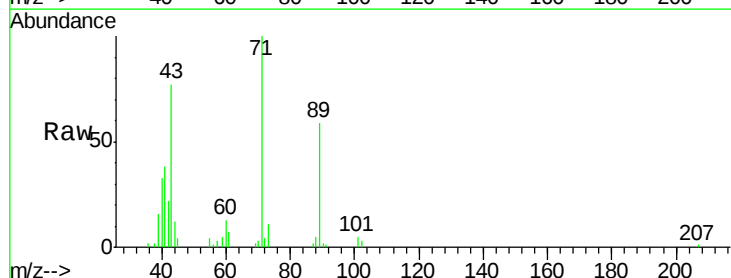
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



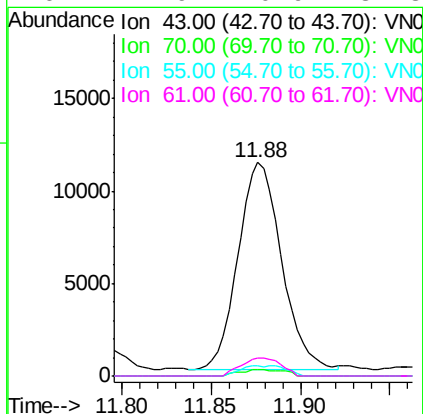
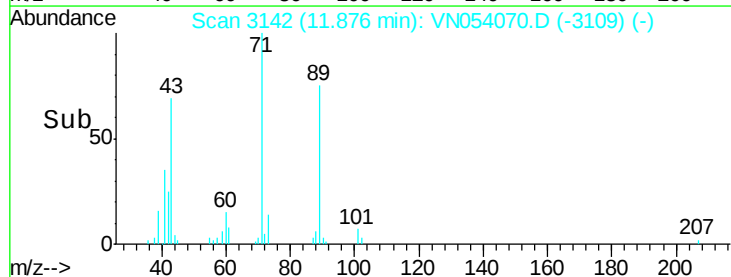
#74

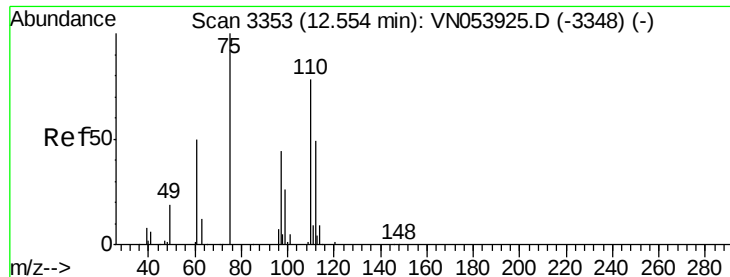
N-ethyl acetate
Concen: 2.470 ug/l
RT: 11.88 min Scan# 3142
Delta R.T. -0.19 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tgt Ion	Ratio	Lower	Upper
43	100		
70	3.1	37.4	56.2#
55	2.9	21.4	32.0#
61	7.9	20.9	31.3#



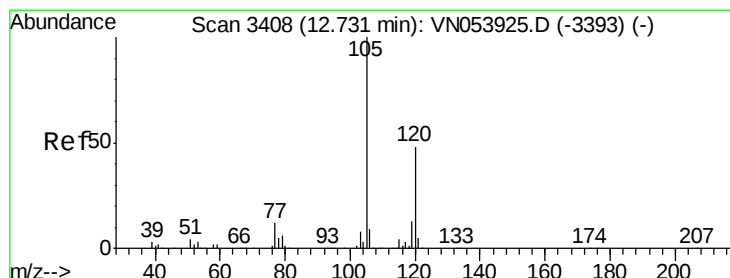
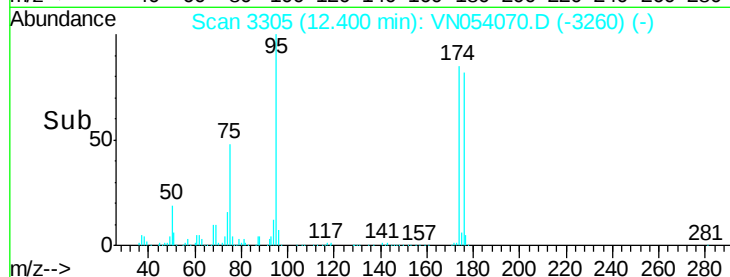
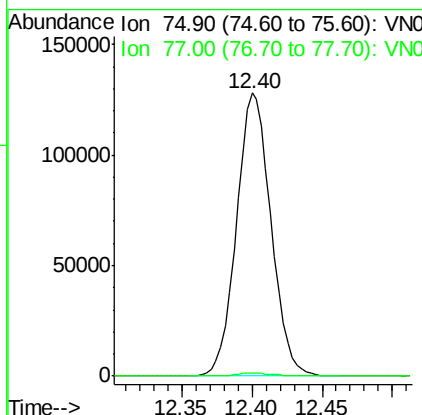
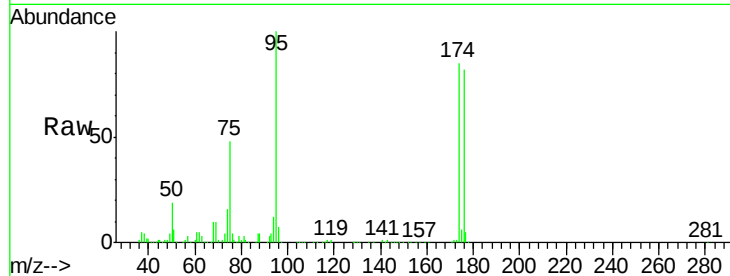
Abundance Ion 43.00 (42.70 to 43.70): V
Ion 70.00 (69.70 to 70.70): V
Ion 55.00 (54.70 to 55.70): V
Ion 61.00 (60.70 to 61.70): V





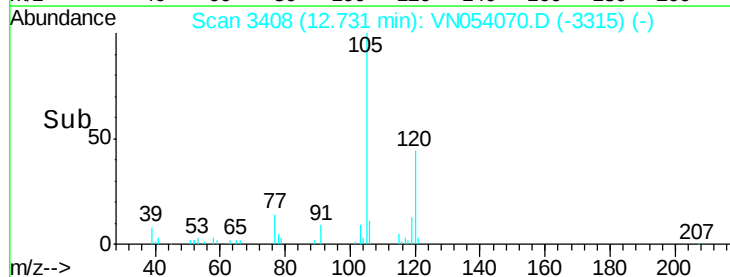
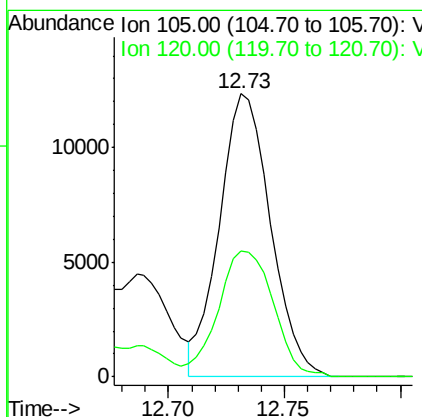
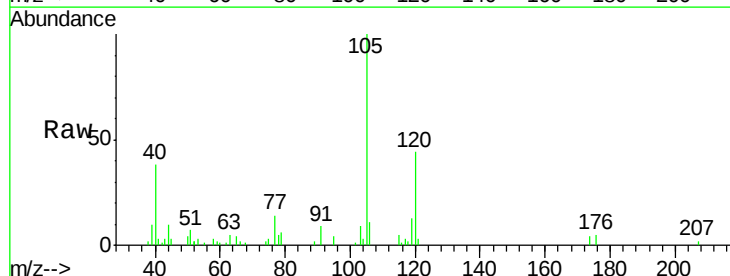
#76
 1,2,3-Trichloropropane
 Concen: 36.125 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.15 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

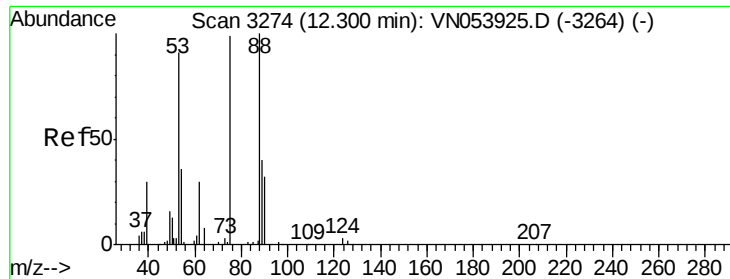
Tot Ion: 75 Resp: 218535
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 0.788 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

Tgt Ion: 105 Resp: 18943
 Ion Ratio Lower Upper
 105 100
 120 48.0 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 114.178 ug/l

RT: 12.40 min Scan# 3305

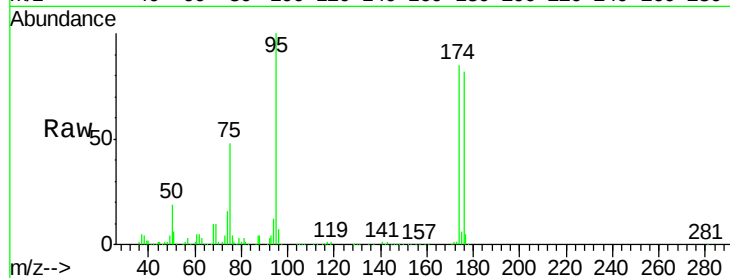
Delta R.T. 0.10 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

Tot Ion: 75 Resp: 218535

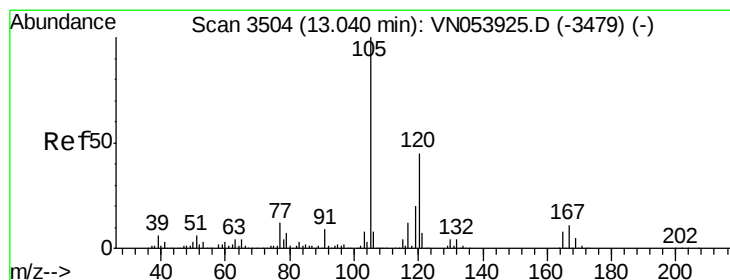
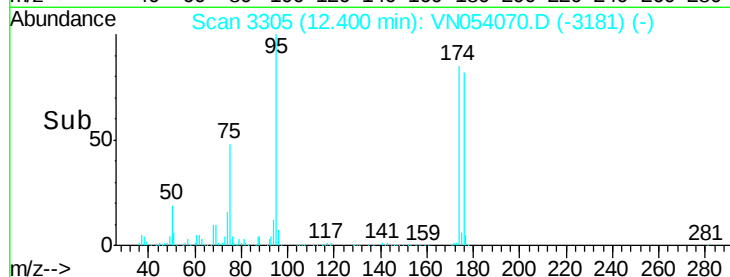
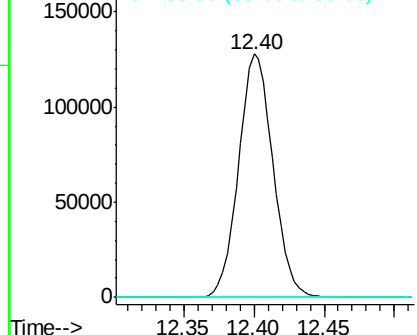
Ion	Ratio	Lower	Upper
75	100		
53	0.0	68.6	102.8#
89	0.0	35.3	52.9#



Abundance Ion 74.90 (74.60 to 75.60): VN054070.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN054070.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN054070.D (-3181) (-)



#84

1,2,4-Trimethylbenzene

Concen: 1.918 ug/l

RT: 13.04 min Scan# 3504

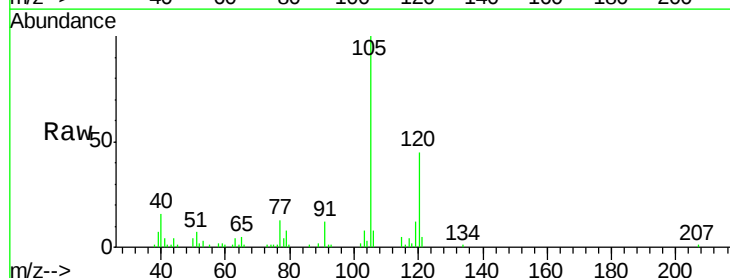
Delta R.T. 0.00 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

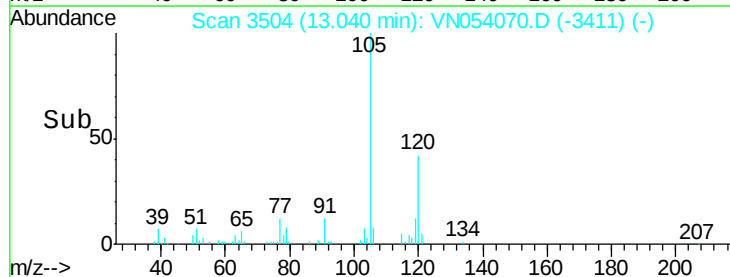
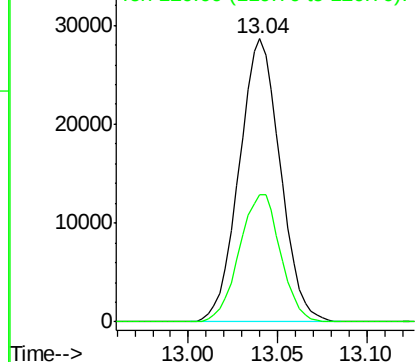
Tgt Ion: 105 Resp: 46019

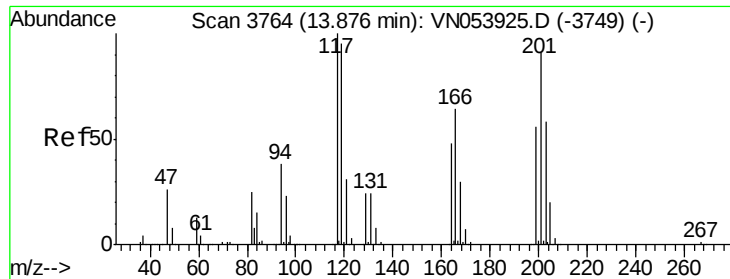
Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.2	69.5



Abundance Ion 105.00 (104.70 to 105.70): VN054070.D (-3411) (-)

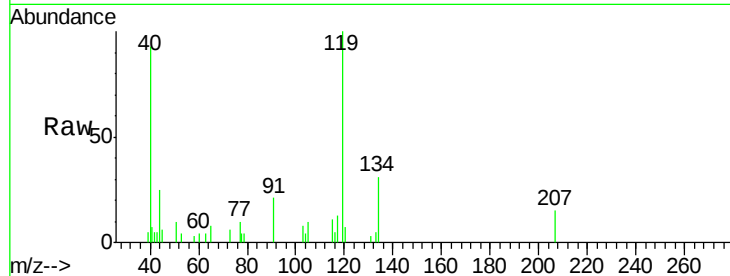
Ion 120.00 (119.70 to 120.70): VN054070.D (-3411) (-)



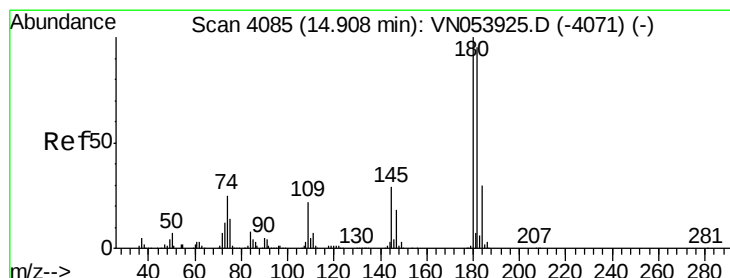
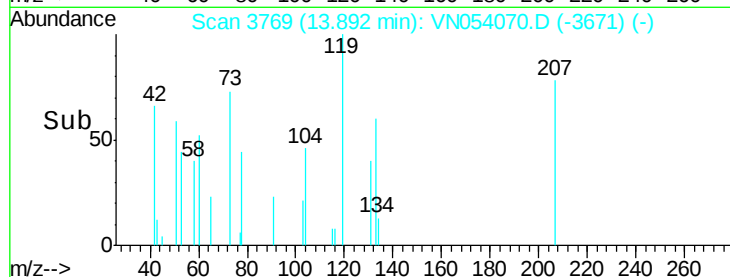
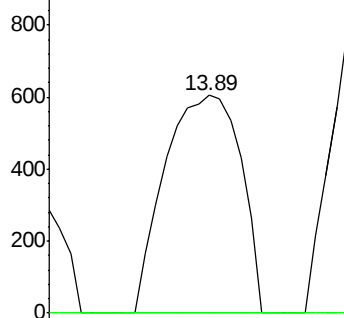


#90
Hexachloroethane
Concen: 0.203 ug/l
RT: 13.89 min Scan# 3769
Delta R.T. 0.02 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tot Ion:117 Resp: 965
Ion Ratio Lower Upper
117 100
201 0.0 48.0 144.2#

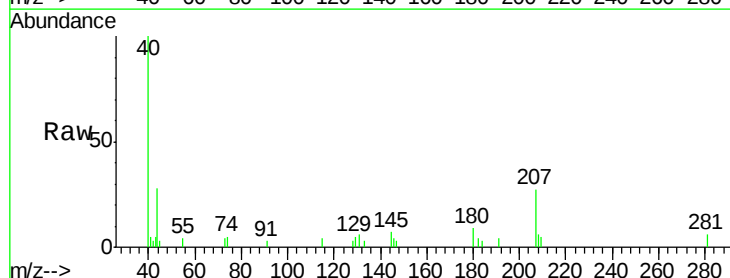


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

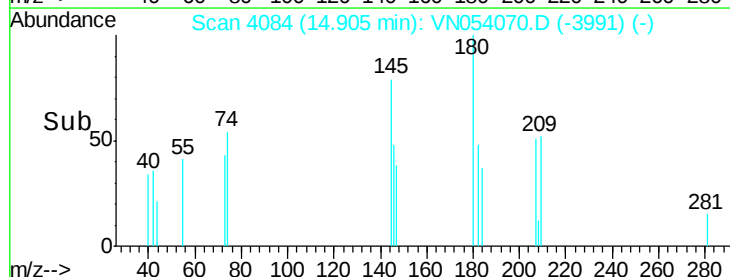
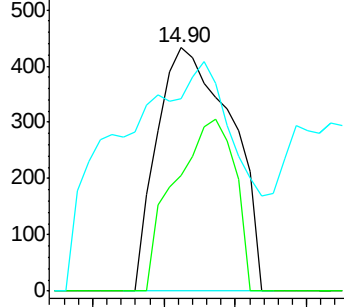


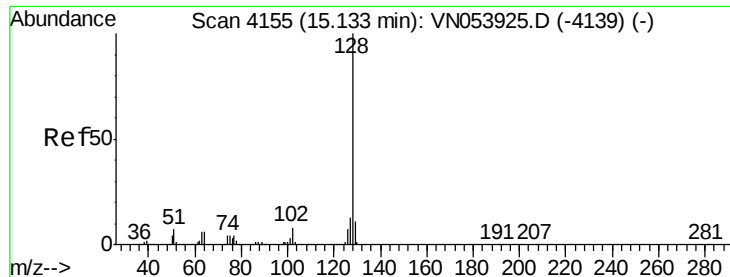
#93
1,2,4-Trichlorobenzene
Concen: 2.309 ug/l
RT: 14.90 min Scan# 4084
Delta R.T. -0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tgt Ion:180 Resp: 623
Ion Ratio Lower Upper
180 100
182 57.1 48.6 145.9
145 152.8 13.8 41.3#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V





#95

Naphthalene

Concen: 3.730 ug/l

RT: 15.14 min Scan# 4156

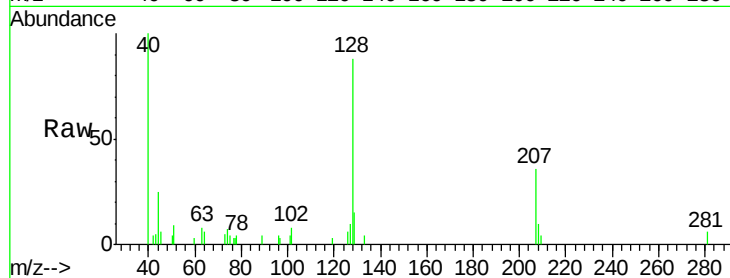
Delta R.T. 0.00 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

Tot Ion:128 Resp: 8269

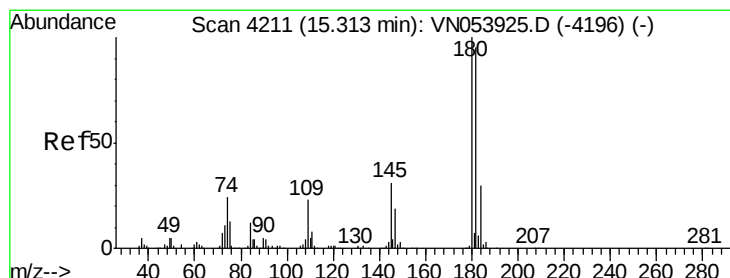
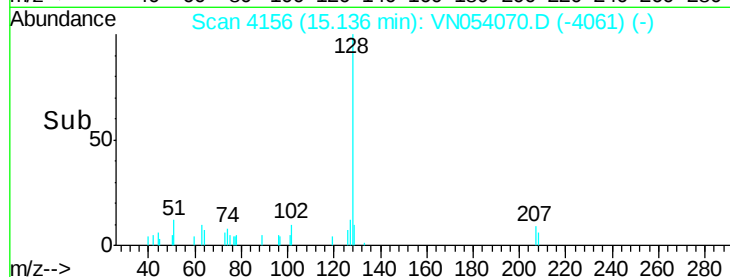
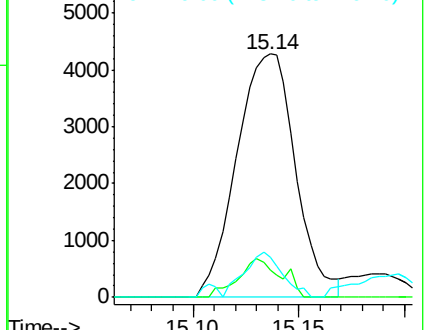
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.2
129	12.1	8.6	12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 1.646 ug/l

RT: 15.31 min Scan# 4211

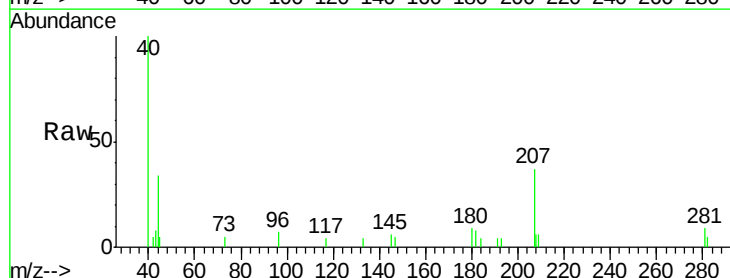
Delta R.T. 0.00 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

Tgt Ion:180 Resp: 602

Ion	Ratio	Lower	Upper
180	100		
182	82.7	47.3	141.8
145	78.7	14.4	43.0



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

